

APPENDIX H

MRFSS INTERCEPT AND FHS SURVEYS DATA SET FORMATS, VARIABLES, AND CODES

FHS DOCKSIDE VALIDATION DATA VARIABLE DESCRIPTIONS AND FORMATS

VARIABLE	DESCRIPTION
INT_ID	4-digit Interviewer ID Code
VSL_ID	Vessel ID Number for the Survey (e.g. Alabama: '0100001'-'0199999')
SMP_WEEK	Sampling Week (Range: '01'-'52')
YEAR	Sampling Year
ST	State Code (FIPS Code)
CNTY	County of Trip (FIPS County Code - MRFSS Intercept Coding Manual)
PRE_DATE	Date of Vessel Pre-Validation Survey (e.g. '20010401')
PRE_TIME	Time on Site for Vessel Pre-Validation Survey (e.g. '1535' = 3:35 pm)
PRE_STAT	Designation of the vessel validation status '1'=Vessel In '2'=Vessel Out - Charter or head boat fishing '3'=Unable to Validate (e.g., trailered vessel, or otherwise can't locate after physically attempting) '4'=Vessel Out - Non-charter / head boat activities '5'=Vessel Out - Fishing Status Unknown '6'=Vessel not in slip, not in water (dry dock) '8'=Not applicable (when the vessel becomes ineligible during the wave)
INTSITE	Location of fishing trip (MRFSS 4-digit site codes) '7777' = private access site '8888' = unknown public access site '9999' = refused site information
SOURCE	Source of the pre-validation (direct observation vs. secondary info) '1'=Direct Observation by Sampler '2'=Secondary Information (marina operator, booking agent, etc.)

VARIABLE	FORMAT	DESCRIPTION
INT_ID	Char 4	Interviewer ID (same as for MRFSS Intercept Survey)
VSL_ID	Char 7	Vessel ID (randomly assigned survey-specific ID)
YEAR	Char 4	Sampling Year
SMP_WEEK	Char 2	Sampling Week
ST	Char 2	State Code (FIPS Code)
CNTY	Char 3	County of Trip (FIPS Code)
PRE_DATE	Char 8	Date of Vessel Validation (Yr/Mo/Day)
PRE_TIME	Char 4	Time of Vessel Validation (military time)
PRE_STAT	Char 1	Status Code for Vessel Validation
INTSITE	Char 4	MRFSS Site Code
SOURCE	Char 1	Source of Information

MRFSS INTERCEPT DATA ELEMENTS AND DESCRIPTIONS

TYPE 1 RECORDS - ANGLER INFORMATION

VARIABLE	DESCRIPTION
ID_CODE	Intercept Interview Identifier (=Assign. No., Interviewer ID, Year, Month, Day, Interview Number)
Time	Time interview conducted (2400hrs)
Sub_reg	Subregion Code 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) 8 = West Pacific (HI) 11 = U. S. Caribbean (Puerto Rico and Virgin Islands)
St	FIPS state code
Cnty	FIPS county code
Insite	Interview site code
Mode_fx	Collapsed fishing mode code 1 = man-made 2 = beach/bank 3 = Shore 4 = Headboat 5 = Charter boat (sub_reg=6 or 7 & mode_f=7) 7 = Private/Rental Boat
Mode_f	Fishing Mode 1 = Pier, dock 2 = Jetty, breakwater, breachway 3 = Bridge, causeway 4 = Other man-made 5 = Beach or bank 6 = Head boat 7 = Charter boat 8 = Private/Rental boat
Area_x	Collapsed area of fishing 1 = Ocean <= 3 mi (all but WFL) 2 = Ocean > 3 mi (all but WFL) 3 = Ocean <= 10 mi (WFL only) 4 = Ocean > 10 mi (WFL only) 5 = Inland

Area	<p>Uncollapsed area of fishing (alpha codes refer to specific estuaries)</p> <p>1 = Open water 2 = Sound 3 = River 4 = Bay 5 = Other A = Narragansett Estuary B = Buzzards Bay Estuary C = Long Island Estuary D = Hudson/Raritan Estuary E = Delaware Estuary F = Chesapeake Estuary G = Albemarle/Pamlico Estuary H = Biscayne Estuary I = Whitewater Estuary J = Sarasota Estuary K = Tampa Estuary L = Mobile Estuary M = Atchafelaya Estuary N = Boqueron Estuary O = Guanica Estuary P = Guayanilla Estuary Q = Humacao Estuary R = Jobos Estuary S = San Juan Estuary T = Tortuguero Estuary V = Cape Cod Bay</p>
Dist	<p>Distance from shore</p> <p>1 = <= 3 miles (all but WFL) 2 = > 3 miles (all but in WFL) 3 = <= 10 miles (WFL only) 4 = > 10 miles (WFL only) 8 = not applicable</p>
Prim1	First Target Species (see species codes)
Prim2	Second Target Species (see species codes)
Gear	<p>1 = hook & line 2 = dip net, A-frame net 3 = cast net 4 = Gill net 5 = Seine 6 = Trawl 7 = Trap 8 = Spear 9 = Hand 10 = Other 11 = YoYo (Puerto Rico only) 98 = Unknown 99 = Refused</p>
Hrsf	Hours fished (to nearest 1/2 hour)

	99.8 = don't know 99.9 = refused
Add_hrs	Additional hours fishing expected (to the nearest 1/2 hr) (incomplete beach/bank trips only)
Ffdays12	Number of days fished in the last year 998 = don't know 999 = refused
Ffdays2	Number of days fished in the last 2 months 98 = don't know 99 = refused
Area_NC	Alpha/numeric codes for water bodies in North Carolina 1 = Ocean 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) G = North River (Currituck) H = Pasquotank River J = PerQuimans River K = Roanoke River L = Shallotte 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

NC Reefs

Codes for Artificial Reefs in North Carolina

LOCATION	REEF CODE	REEF NUMBER
Oregon Inlet	02	AR130
	03	AR140
	04	AR145
	05	AR160
	06	AR220
Hatteras Inlet	07	AR225
	08	AR230
	09	AR250
Ocracoke Inlet	10	AR255
	11	AR275
Drum Inlet	12	AR285
	13	AR300
Cape Lookout	14	AR302
	15	AR305
	16	AR315
	17	AR320
Beaufort Inlet	18	AR330
	19	AR340
Bogue Inlet	20	AR342
	21	AR345
	22	AR355
New River Inlet	23	AR360
New Topsail Inlet	24	AR362
	25	AR364
	26	AR366
	27	AR368
	28	AR370
Masonboro Inlet	29	AR372
	30	AR376
	31	AR378
	32	AR382
	33	AR386
Cape Fear River	34	AR420
	35	AR425
	36	AR440
	37	AR445
	38	AR455
	39	AR460
Estuarine Reefs	40	AR465
	41	AR191
	42	AR291
	43	AR292
	44	AR296
	45	AR298
	46	AR392
Oyster Sanctuaries	47	AR396
	48	Wanchese
	49	Deep Bay
	50	West Bay
	51	Hoop Pole Cr.
OTHER CODES	01	NO
	88	Shore
	98	Unknown
	99	Refused

St_res	FIPS code for state of residency
Cnty_res	FIPS code for county of residency
Pvt_res	Live in private residence 1=Yes 2 = Institutional 8 = don't know 9 = refused
Telefon	Does home have phone? 1=Yes 2 = No 8 = don't know 9 = refused
Add_ph	Phone # & Name provided for verification (0=No; 1=Yes)
Catch	Did you catch any fish 1 = Yes 2 = No 8 = catch on another person's form
F_by_p	All fish caught by individual 1 = Yes 2 = other contributors 8 = no available catch on this form
Sep_fish	Can group catch be separated 1 = Yes 2 = No 8 = all caught by fisherman or no available catch on this form
Cntrbtrs	Number of contributors to Available catch 88 = all caught by fisherman or no available catch
Num_typ2	Number of type 2 records
Num_typ3	Number of type 3 records
Num_typ4	Type 4 record present (0=No; 1=Yes)
Num_typ6	Type 6 record present (0=No; 1=Yes)
Num_typ9	Number of type 9 records
Zip	ZIP code 99997 = foreign country 99998 = don't know 99999 = refused
Year	Year (4-digit)

Wave	Two-month sampling period (code: 1-6)
Party	Number of anglers in fishing party (Boat modes only)
First	First person in party to be interviewed 1=Yes 2=No 8=not applicable
On_list	For-hire boat on FHS Sample Frame for wave 1 = Yes 2 = No
Listname	Name or Registration Number of For-hire boat as it appears on vessel directory
Boat_hrs	Dock-to-dock hours of fishing trip (Boat modes only) (to nearest 1/2 hour) 999 = Don't know or refused 8 = Not applicable
License	Do you have a license to harvest saltwater fish in this state? (North Carolina only) 1 = Yes 2 = No 3 = Lifetime License
Lic_Mon	Month that License was purchased (North Carolina only)
Lic_Year	Year that License was purchased (North Carolina only)
Lic_DK	Don't know when license was purchased (North Carolina only)
Mode2001	ACCSP fishing mode 0 = Pier 1 = Dock 2 = Jetty, breakwater, breachway 3 = Bridge, causeway 4 = Other man-made 5 = Beach or bank 6 = Head boat 7 = Charter boat 8 = Private boat 9 = Rental boat
Date_1	Date file created

TYPE 2 RECORDS - UNAVAILABLE CATCH

VARIABLE	DESCRIPTION
Id_code	Intercept Interview Identifier
Sp_code	MRFSS Species Code
Sp_codex	Ten digit NODC Species Code
Dispo	Disposition of fish 1 = thrown back alive/legal 2 = thrown back alive/not legal/legality refused 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
Num_fish	Number of fish

Variables below are copied from the type 1 record:

Sub_reg	Subregion Code
St	FIPS state code
Cnty	FIPS county code
Intsite	Interview site code
Mode2001	ACCSP fishing mode
Mode_fx	Collapsed fishing mode code
Mode_f	Fishing mode code
Area_x	Collapsed area of fishing
Area	Area of fishing
Dist	Distance from shore
Prim1	First target species
Prim2	Second target species
Hrsf	Hours fished
Add_hrs	Additional hours fishing expected
Gear	Fishing gear code
Cntrbtrs	Number of contributors to Available catch
Num2	Interview type 2 count
Num_typ2	Number of type 2 records
Year	Year (4-digit)
Wave	Two-month sampling period (code: 1-6)
Date_1	Date file created

TYPE 3 RECORDS - AVAILABLE CATCH

VARIABLE	DESCRIPTION
ID_code	Intercept Interview Identifier
Sp_code	MRFSS species code
Sp_codex	Ten digit NODC Species Code
Fshinsp	Number of fish seen, identified, and counted
Lngh	Fork length (mm)
Wgt	Weight (kg)
Disp3	Disposition of fish 3 = plan to eat 4 = plan to use for bait 5 = plan to sell 6 = plan to throw away 7 = some other purpose 8 = don't know/didn't ask 9 = refused
Wgt_flag	Flag to indicate imputed/calculated wgt (=0 in all raw data)

Variables below are copied from the type 1 record:

Sub_reg	Subregion Code
St	FIPS state code
Cnty	FIPS county code
Intsite	Interview site code
Mode2001	ACCSP fishing mode
Mode_fx	Collapsed fishing mode code
Mode_f	Fishing mode code
Area_x	Collapsed area of fishing
Area	Area of fishing
Dist	Distance from shore
Prim1	First target species
Prim2	Second target species
Hrsf	Hours fished
Add_hrs	Additional hours fishing expected
Gear	Fishing gear code
Cntrbtrs	Number of contributors to Available catch
Num3	Interview type 3 count
Num_typ3	Number of type 3 records
Year	Year (4-digit)
Wave	Two-month sampling period (code: 1-6)
Date_1	Date file created

TYPE 4 RECORDS - GROUPED-CATCH FOLLOWERS

VARIABLE	DESCRIPTION
Id_code	Intercept Interview Identifier
Id_cod34	Leader ID (interviewer ID, year, month, day, interview number)
Leader	Leader Id_code (assign. No., interviewer, year, month, day, interview number)

Variables below are copied from the type 1 record:

Sub_reg	Subregion Code
St	FIPS state code
Intsite	Interview site code
Mode2001	ACCSP fishing mode
Mode_f	Collapsed fishing mode code
Mode_fx	Fishing mode code
Hrsf	Hours fished
Add_hrs	Additional hours fishing expected
Area_x	Collapsed area of fishing
Area	Area of fishing
Dist	Distance from shore
Cntrbtrs	Number of contributors to Available catch
Year	Year (4-digit)
Wave	Two-month sampling period (code: 1-6)
Date1	Date file created

TYPE 5 RECORDS – SOCIO-ECONOMIC

VARIABLE	DESCRIPTION
Boat	Own A Boat Used For Recreational Fishing?
Boat Pur	Purchased Boat in last 12 months?
CharFee	Fee paid for Charter Trip
FuelCost	Per Gallon Cost of Fuel for Boat
FuelPur	Gallons of Fuel purchased for trip
Hrsf	Hours Fished
Hrs_Week	Hours Worked Per Week
Id_Code	Surtype,Intvuer,Date,Intnum
Income	Household Income
Triplength	Was Trip a Single Day or Multi-day trip?
Mailfol	Participate in Mail Followup?
Nopay	Time off From Work W/O Pay
Seasstat	Economic Add-On Completion Status
Seas_Tme	Economic Add-On Time
Yearfish	Years of Fishing Experience

TYPE 5 RECORDS – SOCIO-ECONOMIC (CTD)

Variables below are copied from the type 1 record:

St	FIPS state code
Sub_Reg	Sub Region of Trip
Wave	Two-month sampling period (code: 1-6)
Year	Year (4-digit)
Zip	Home Zip Code
Mode2001	Mode of Fishing (2001)
Mode_F	Mode of Fishing (Fisherman)
Mode_Fx	Mode of Fishing (Fisherman Collapsed)
Intsite	Site Code
Area	Area of Fishing
Area_X	Collapsed Area of Fishing
Date1	Date File Created
Cnty	FIPS county code
Dist	Distance From Shore

TYPE 6 RECORDS - BOAT-PARTY FOLLOWERS**VARIABLE****DESCRIPTION**

Id_code	Intercept Interview Identifier
Id_code6	First angler ID (interviewer ID, year, month, day, interview number)
Prt_code	First angler Id_code
Party	Number of anglers in fishing party (Boat modes only)

Variables below are copied from the type 1 record:

Sub_reg	Subregion Code
St	FIPS state code
Year	Year (4-digit)
Wave	Two-month sampling period (code: 1-6)
Date1	Date file created
Mode2001	ACCSP fishing mode
Mode_f	Collapsed fishing mode code
Mode_fx	Fishing mode code
Hrsf	Hours fished
Add_hrs	Additional hours fishing expected
Area_x	Collapsed area of fishing
Area	Area of fishing
Dist	Distance from shore

TYPE 9 RECORDS – AT-SEA DISCARDS

VARIABLE	DESCRIPTION
Disp9	Majority Disposition of Type 9 Fish
Id_Code	Surtype,Intvuer,Date,Intnum
Lngth	Fork Length of Fish (Mm)
Num9	Interview Type 9 Count
Num_Fish	Number of Fish (Unavail.)
Num_Typ9	Number of Type 9 Records
Observed	Fish Observed? (Y/N)
Sp_Code	Species of Fish
<u>Variables below</u>	<u>are copied from the type 1 record:</u>
Add_Hrs	Added Hrs Fished For Inc Trips
Area	Area of Fishing
Area_X	Collapsed Area of Fishing
Cnty	County of intercept
Date1	Date File Created
Dist	Distance From Shore
Gear	Type of Gear
Hrsf	Hours Fished
Intsite	intercept Access Site Code
Mode2001	Mode of Fishing (2001)
Mode_F	Mode of Fishing (Fisherman)
Mode_Fx	Mode of Fishing (Fisherman Collapsed)
Prim1	First Target Species Code
Prim2	Second Target Species Code
St	State of Intercept
Sub_Reg	Sub-Region of Intercept
Time	Time of Intercept
Wave	Wave of Data
Year	Year of Data

MRFSS INTERCEPT DATA ELEMENTS AND SAS FORMATS

TYPE 1 RECORDS - ANGLER INFORMATION

VARIABLE	TYPE	LEN	LABEL
Add_hrs	Num	8	Added Hrs Fished for Incomplete Trips
Add_ph	Char	1	Phone # Provided for Verification
Area	Char	1	Area of Fishing
Area_nc	Char	11	NC Specific Area of Fishing
Area_x	Char	1	Collapsed Area of Fishing
Boat_hrs	Num	8	Dock-to-dock Trip Length
Catch	Num	8	Catch Available for Id & Counting
Cntrbtrs	Num	8	Number of Contributing Fishermen
Cnty	Num	8	County of Intercept
Cnty_res	Num	8	County of Residence
Date1	Char	8	Date File Created
Dist	Char	1	Distance from Shore
Ffdays2	Num	8	Dys Salwat.finfis.(Last 2 Mon.)
Ffdays12	Num	8	Dys Salwat.finfis.(Last 12 Mon.)
First	Num	8	First Person Interviewed in Party
F_by_p	Num	8	Fish Caught by Individual Interviewed
Gear	Num	8	Type of Gear
Hrsf	Num	8	Hours Fished
Id_code	Char	16	Assign no.,intvuer,date,intnum
Intsite	Num	8	Intercept Access Site Code
Listname	Char	50	Name or Reg Number of For-hire Boat
Mode2001	Char	5	ACCSP Mode of Fishing (2001)
Mode_f	Char	5	Mode of Fishing (Fisherman)
Mode_fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Num_typ2	Num	8	Number of Type 2 Records
Num_typ3	Num	8	Number of Type 3 Records
Num_typ4	Num	8	Type 4 Record Flag
Num_typ6	Num	8	Type 6 Record Flag
Num_typ9	Num	8	Number of Type 9 Records
On_list	Char	1	Boat on CHBTS Sample Frame for Wave
Party	Num	8	Number in Fishing Party
Prim1	Char	10	Primary Species Sought
Prim2	Char	20	Secondary Species Sought
Pvt_res	Num	8	Residence Type
Sep_fish	Num	8	Separate Catch by Fisherman
St	Num	8	State of Intercept
St_res	Num	8	State of Residence
Sub_reg	Num	8	Sub Region of Trip
Telefon	Num	8	Has Home Telephone
Time	Num	8	Time of Intercept
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data
Zip	Char	5	Home Zip Code

TYPE 2 RECORDS - UNAVAILABLE CATCH

VARIABLE	TYPE	LEN	LABEL
Add_hrs	Num	8	Added Hrs Fished for Inc Trips
Area	Char	1	Area of Fishing
Area_x	Char	1	Collapsed Area of Fishing
Cntrbtrs	Num	8	Number of Contributing Fishermen
Cnty	Num	8	County of Intercept
Date1	Char	8	Date File Created
Dispo	Char	1	Disposition of Type 2 Fish
Dist	Char	1	Distance from Shore
Gear	Num	8	Type of Gear
Hrsf	Num	8	Hours Fished
Id_code	Char	16	Assgn. no., intvuer, date, intnum
Intsite	Num	8	Intercept Access Site Code
Mode2001	Char	5	Mode of Fishing (2001)
Mode_f	Char	5	Mode of Fishing (Fisherman)
Mode_fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Num2	Num	8	Interview Type 2 Count
Num_fish	Num	8	Number of Fish (Unavail.)
Num_typ2	Num	8	Number of Type 2 Records
Prim1	Char	10	First Target Species Code
Prim2	Char	10	Second Target Species Code
Sp_code	Char	10	Species of Fish
St	Num	8	State of Intercept
Sub_reg	Num	8	Sub-region of Trip
Time	Num	8	Time of Intercept
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data

TYPE 3 RECORDS - AVAILABLE CATCH

VARIABLE	TYPE	LEN	LABEL
Add_hrs	Num	8	Added Hrs Fished for Inc Trips
Area	Char	1	Area of Fishing
Area_x	Char	1	Collapsed Area of Fishing
Cntrbtrs	Num	8	Number of Contributing Fishermen
Cnty	Num	8	County of Intercept
Date1	Char	8	Date File Created
Disp3	Char	1	Majority Disposition of Type 3 Fish
Dist	Char	1	Distance from Shore
Fshinsp	Num	8	Number of Fish (Avail.)
Gear	Num	8	Type of Gear
Hrsf	Num	8	Hours Fished
Id_code	Char	16	Assgn. no., intvuer, date, intnum
Intsite	Num	8	Intercept Access Site Code
Lngth	Num	8	Fork Length of Fish (Mm)
Mode2001	Char	5	Mode of Fishing (2001)
Mode_f	Char	5	Mode of Fishing (Fisherman)
Mode_fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Num3	Num	8	Interview Type 3 Count
Num_typ3	Num	8	Number of Type 3 Records
Prim1	Char	10	First Target Species Code
Prim2	Char	10	Second Target Species Code
Sp_code	Char	10	Species of Fish
St	Num	8	State of Intercept
Sub_reg	Num	8	Sub-region of Trip
Time	Num	8	Time of Intercept
Wave	Num	8	Wave of Data
Wgt	Num	8	Weight of Fish (Kg)
Wgt_flag	Char	1	Observed/calculated Wgt Flag
Year	Num	8	Year of Data

TYPE 4 RECORDS - GROUPED-CATCH FOLLOWERS

VARIABLE	TYPE	LEN	LABEL
Add_hrs	Num	8	Added Hrs Fished for Inc Trips
Area	Char	1	Area of Fishing
Area_x	Char	1	Collapsed Area of Fishing
Cntrbtrs	Num	8	Number of Contributing Fishermen
Date1	Char	8	Date File Created
Dist	Char	1	Distance from Shore
Hrsf	Num	8	Hours Fished
Id_cod34	Char	15	Interviewer id, date, intnum of Form with Fish
Id_code	Char	16	Assgn. no., intvuer, date, intnum
Intsite	Num	8	Intercept Access Site Code
Leader	Char	16	Interview Id_code of Form with Fish
Mode2001	Char	5	Mode of Fishing (2001)
Mode_f	Char	5	Mode of Fishing (Fisherman)
Mode_fx	Char	2	Mode of Fishing (Fisherman Collapsed)
St	Num	8	State of Intercept
Sub_reg	Num	8	Sub Region of Trip
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data

TYPE 5 RECORDS – SOCIO-ECONOMIC

VARIABLE	TYPE	LEN	LABEL
Area	Char	1	Area of Fishing
Area_X	Char	1	Collapsed Area of Fishing
Boat	Num	8	Own A Boat Used For Recreational Fishing?
Boatcnty	Num	8	County in Which Boat is Moored
Boathp	Num	8	Boat Horsepower
Boatleng	Num	8	Boat Length (Ft)
Boatst	Num	8	State in Which Boat is Moored
Cnty	Num	8	County of Residence
Date1	Char	8	Date File Created
Dist	Char	1	Distance From Shore
Fishtrip	Num	8	Fishing Primacy
Fish_Day	Num	8	Days On Fishing Trip
Fonefoll	Num	8	Participate in Telephone Followup?
Gridkech	Num	8	PR: Map Grid, Most Catch
Gridtime	Num	8	PR: Map Grid, Most Time
Hrsf	Num	8	Hours Fished
Hrs_Week	Num	8	Hours Worked Per Week
Id_Code	Char	16	Surtype,Intvuer,Date,Intnum
Income	Num	8	Household Income
Intsite	Num	8	Site Code
Triplength	Num	8	Was Trip a Single Day or Multi-day trip?
Mailfoll	Num	8	Participate in Mail Followup?
Mode2001	Char	5	Mode of Fishing (2001)
Mode_F	Char	5	Mode of Fishing (Fisherman)
Mode_Fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Mosttime	Num	8	PR: Most Catch Grid = Most Time Grid
Nopay	Num	8	Time off From Work W/O Pay
Seasstat	Num	8	Economic Add-On Completion Status
Seas_Tme	Num	8	Economic Add-On Time
St	Num	8	State of Intercept
Struct	Num	8	Type of Bottom Structure
Sub_Reg	Num	8	Sub Region of Trip
Trailerd	Num	8	Boat Trailered/Docked/Moored
Tripfish	Num	8	Made Trip Primarily To Go Fishing
Trip_Day	Num	8	Nights Away From Home
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data
Yearfish	Num	8	Years of Fishing Experience
Zip	Num	8	Home Zip Code

TYPE 6 RECORDS - BOAT-PARTY FOLLOWERS

VARIABLE	TYPE	LEN	LABEL
Add_hrs	Num	8	Added Hrs Fished for Inc Trips
Area	Char	1	Area of Fishing
Area_x	Char	1	Collapsed Area of Fishing
Date1	Char	8	Date File Created
Dist	Char	1	Distance from Shore
Hrsf	Num	8	Hours Fished
Id_code	Char	16	Assgn. no., intvuer, date, intnum
Id_code6	Char	15	Interviewer id, data, intnum of Party Leader
Mode2001	Char	5	Mode of Fishing (2001)
Mode_f	Char	5	Mode of Fishing (Fisherman)
Mode_fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Party	Num	8	Number in Fishing Party
Prt_code	Char	16	Id_Code of First Member of Fishing Party
St	Num	8	State of Intercept
Sub_reg	Num	8	Sub Region of Trip
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data

TYPE 9 RECORDS - AT-SEA DISCARDS

VARIABLE	TYPE	LEN	LABEL
Add_Hrs	Num	8	Added Hrs Fished For Inc Trips
Area	Char	1	Area of Fishing
Area_X	Char	1	Collapsed Area of Fishing
Cnty	Num	8	County of Intercept
Date1	Char	8	Date File Created
Disp9	Char	6	Majority Disposition of Type 9 Fish
Dist	Char	1	Distance From Shore
Gear	Num	8	Type of Gear
Hrsf	Num	8	Hours Fished
Id_Code	Char	16	Surtype,Intvuer,Date,Intnum
Intsite	Num	8	Intercept Access Site Code
Lngh	Num	8	Fork Length of Fish (Mm)
Mode2001	Char	5	Mode of Fishing (2001)
Mode_F	Char	5	Mode of Fishing (Fisherman)
Mode_Fx	Char	2	Mode of Fishing (Fisherman Collapsed)
Num9	Num	8	Interview Type 9 Count
Num_Fish	Num	8	Number of Fish (Unavail.)
Num_Typ9	Num	8	Number of Type 9 Records
Observed	Char	1	Fish Observed?
Prim1	Char	10	First Target Species Code
Prim2	Char	10	Second Target Species Code
Sp_Code	Char	10	Species of Fish
St	Num	8	State of Intercept
Sub_Reg	Num	8	Sub-Region of Intercept
Time	Num	8	Time of Intercept
Wave	Num	8	Wave of Data
Year	Num	8	Year of Data

TYPE A - ASSIGNMENT SUMMARY FORM DATA DESCRIPTIONS

VARIABLE	DESCRIPTION
Asg_code	Assign. no., interviewer code no., date.
Asg_num	Assignment Number (1,2 or 3)
CO1	County FIPS Code of First Assignment - Right-justified, with leading zeros
CO2	County FIPS Code of First Alternate Assignment - Right-justified, with leading zeros
CO3	County FIPS Code of Second Alt. Assignment - Right-justified, with leading zeros
Control	Consecutive Assignment Numbers for Month & Mode
Day	Two-Digit Date (with leading zero)
DTD	Dock-to-dock Hours - rounded to nearest 0.25 hr (e.g. 1225=12.25)
EdHrs	Hours Spent Editing (round to nearest 0.25 hr)
Intcd	Interviewer ID Code (4-digit)
Miles	Total Miles Traveled
Missed	Total Missed (Miss1+Miss2+Miss3)
Missed1	Total Missed in Target Mode at the Assigned Site. (range: 000-999)
Missed2	Total Missed in Target Mode at the First Alt. Site. (range: 000-999)
Missed3	Total Missed in Target Mode at the Second Alt. Site. (range: 000-999)
Month	Two-Digit Month (with leading zero)
Mode	Mode of Assignment 1 = SH 2 = PC 3 = PR 5 = CH 6 = HB
Not5	Total - Not 5 years old
Not51	Not 5 Yrs Old in Target Mode at the Assigned Site. (range: 00-99)
Not52	Not 5 Yrs Old in Target Mode at the First Alt. Site. (range: 00-99)
Not53	Not 5 Yrs Old in Target Mode at the Second Alt. Site. (range: 00-99)
NotDONE	Total Not Finished Fishing
NotDONE1	Not Finished Fishing in Target Mode at the Assigned Site. (00-99)
NotDONE2	Not Finished Fishing in Target Mode at the First Alt. Site. (00-99)
NotDONE3	Not Finished Fishing in Target Mode at the Second Alt. Site. (00-99)
NotFIN	Total Not Fin-Fishing
NotFIN1	Not Fin-Fishing in Target Mode at the Assigned Site. (00-99)
NotFIN2	Not Fin-Fishing in Target Mode at the First Alt. Site. (00-99)
NotFIN3	Not Fin-Fishing in Target Mode at the Second Alt. Site. (00-99)
NotREC	Total Not Recreational Fishing
NotREC1	Not Rec-Fishing in Target Mod eat the Assigned Site. (00-99)
NotREC2	Not Rec-Fishing in Target Mode at the First Alt. Site. (00-99)
NotREC3	Not Rec-Fishing in Target Mode at the Second Alt. Site. (00-99)
NotSALT	Total Not Saltwater Fishing.
NotSALT1	Not SW-Fishing in Target Mode at the Assigned Site. (00-99)
NotSALT2	Not SW-Fishing in Target Mode at the First Alt. Site. (00-99)
NotSALT3	Not SW-Fishing in Target Mode at the Second Alt. Site. (00-99)
NotUS	Total Not Fishing in US Waters
NotUS1	Not Fishing in US Waters in Target Mode at the Assigned Site. (00-99)
NotUS2	Not Fishing in US Waters in Target Mode at the First Alt. Site. (00-99)
NotUS3	Not Fishing in US Waters in Target Mode at the Second Alt. Site. (00-99)
Other3	Total Status 3 Intercepts in Other Modes
Other31	Status 3 in Other Modes at the Assigned Site. (00-99)
Other32	Status 3 in Other Modes at the First Alt. Site. (00-99)
Other33	Status 3 in Other Modes at the Second Alt. Site. (00-99)

Other4	Total Status 4 Intercepts in Other Modes
Other41	Status 4 in Other Modes at the Assigned Site. (00-99)
Other42	Status 4 in Other Modes at the First Alt. Site. (00-99)
Other43	Status 4 in Other Modes at the Second Alt. Site. (00-99)
Other5	Total Status 5 Intercepts in Other Modes
Other51	Status 5 in Other Modes at the Assigned Site. (00-99)
Other52	Status 5 in Other Modes at the First Alt. Site. (00-99)
Other53	Status 5 in Other Modes at the Second Alt. Site. (00-99)
PC1	Number of Party/Charter Interviews obtained at First Site.
PC2	Number of Party/Charter Interviews obtained at First Alt. Site.
PC3	Number of Party/Charter Interviews obtained at Second Alt. Site.
PCTOT	Total Shore Interviews
PR1	Number of Private/Rental Interviews obtained at First Site.
PR2	Number of Private/Rental Interviews obtained at First Alt. Site.
PR3	Number of Private/Rental Interviews obtained at Second Alt. Site.
PRTOT	Total Shore Interviews
Reason	Reason Code for Alternate Site 1 = No Activity in target mode (Weather Unfavorable) 2 = No Activity in target mode (Weather Favorable) 3 = Fewer than 8 in target mode 4 = Fewer than 8 will finish 5 = Remainder will not finish 6 = Got Quota in Target Mode 7 = Tournament Weight Station 8 = Could not find Assigned Site 9 = Another MRFSS interviewer present 10 = Another interviewer present (not MRFSS) 11 = Asked to leave site 12 = Other (Specify)
Ride_PC	Was the charter boat ridden? 1 = Yes 2 = No 8 = Missing
SH1	Number of Shore Interviews obtained at First Site.
SH2	Number of Shore Interviews obtained at First Alt. Site.
SH3	Number of Shore Interviews obtained at Second Alt. Site.
SHTOT	Total Shore Interviews
Site1	Site Code of First Assignment -
Site2	Site Code of First Alternate Assignment -
Site3	Site Code of Second Alt. Assignment -
SiteHrs	On-Site Hours (round to nearest 0.25 hr)
Start1	Start Time at First Intercept Site (24 Hr time)
Start2	Start Time at Second Intercept Site
Start3	Start Time at Third Intercept Site
Start4	Start Time at Fourth Intercept Site
Start5	Start Time at Fifth Intercept Site
State	Two-Digit State Code (with leading zero)
Stop1	Stop Time at First Intercept Site
Stop2	Stop Time at Second Intercept Site
Stop3	Stop Time at Third Intercept Site
Stop4	Stop Time at Fourth Intercept Site
Stop5	Stop Time at Fifth Intercept Site

Target31	Status 3 in Target Mode at the Assigned Site. (00-99)
Target32	Status 3 in Target Mode at the First Alt. Site. (00-99)
Target33	Status 3 in Target Mode at the Second Alt. Site. (00-99)
Target41	Status 4 in Target Mode at the Assigned Site. (00-99)
Target42	Status 4 in Target Mode at the First Alt. Site. (00-99)
Target43	Status 4 in Target Mode at the Second Alt. Site. (00-99)
Target51	Status 5 in Target Mode at the Assigned Site. (00-99)
Target52	Status 5 in Target Mode at the First Alt. Site. (00-99)
Target53	Status 5 in Target Mode at the Second Alt. Site. (00-99)
Tsite1	First Intercept Site
Tsite2	Second Intercept Site
Tsite3	Third Intercept Site
Tsite4	Fourth Intercept Site
Tsite5	Fifth Intercept Site
Year	Four Digit Year

If Head & Charter Modes Separated:

HB1	Number of Head Boat Interviews Obtained at Assigned (First) Site
HB2	Number of Head Boat Interviews Obtained at First Alternate Site
HB3	Number of Head Boat Interviews Obtained at Second Alternate Site
HBTOT	Total Number of Head Boat Interviews Obtained
CH1	Number of Charter Boat Interviews Obtained at Assigned (First) Site
CH2	Number of Charter Boat Interviews Obtained at First Alternate Site
CH3	Number of Charter Boat Interviews Obtained at Second Alternate Site
CHTOT	Total Number of Charter Boat Interviews Obtained

TYPE A - ASSIGNMENT SUMMARY FORM DATA - SAS FORMATS

VARIABLE	TYPE	LEN
Asg_code	Char	13
Asg_num	Num	8
Ch1	Num	8
Ch2	Num	8
Ch3	Num	8
Chtot	Num	8
Co1	Char	3
Co2	Char	3
Co3	Char	3
Control	Num	8
Day	Char	2
Dtd	Num	8
Edhrs	Num	8
Hb1	Num	8
Hb2	Num	8
Hb3	Num	8
Hbtot	Num	8
Intcd	Char	4
Miles	Num	8
Missed	Num	8
Missed1	Num	8
Missed2	Num	8
Missed3	Num	8
Mode	Num	8
Month	Char	2
Not5	Num	8
Not51	Num	8
Not52	Num	8
Not53	Num	8
Notdone	Num	8
Notdone1	Num	8
Notdone2	Num	8
Notdone3	Num	8
Notfin	Num	8
Notfin1	Num	8
Notfin2	Num	8
Notfin3	Num	8
Notrec	Num	8
Notrec1	Num	8
Notrec2	Num	8
Notrec3	Num	8
Notsalt	Num	8
Notsalt1	Num	8
Notsalt2	Num	8
Notsalt3	Num	8
Notus	Num	8
Notus1	Num	8
Notus2	Num	8
Notus3	Num	8
Other3	Num	8
Other31	Num	8
Other32	Num	8
Other33	Num	8

VARIABLE	TYPE	LEN
Other4	Num	8
Other41	Num	8
Other42	Num	8
Other43	Num	8
Other5	Num	8
Other51	Num	8
Other52	Num	8
Other53	Num	8
Pc1	Num	8
Pc2	Num	8
Pc3	Num	8
Pctot	Num	8
Pr1	Num	8
Pr2	Num	8
Pr3	Num	8
Prtot	Num	8
Reason	Num	8
Ridepc	Num	8
Sh1	Num	8
Sh2	Num	8
Sh3	Num	8
Shtot	Num	8
Site1	Num	8
Site2	Num	8
Site3	Num	8
Sitehrs	Num	8
Start1	Num	8
Start2	Num	8
Start3	Num	8
Start4	Num	8
Start5	Num	8
State	Char	2
Stop1	Num	8
Stop2	Num	8
Stop3	Num	8
Stop4	Num	8
Stop5	Num	8
Target31	Num	8
Target32	Num	8
Target33	Num	8
Target41	Num	8
Target42	Num	8
Target43	Num	8
Target51	Num	8
Target52	Num	8
Target53	Num	8
Tsite1	Num	8
Tsite2	Num	8
Tsite3	Num	8
Tsite4	Num	8
Tsite5	Num	8
Year	Char	4

MRFSS MASTER SITE REGISTER - VARIABLES AND FORMATS - SAS DATABASE

VARIABLE	TYPE	LEN	LABEL
ACCESS	Char	1	Public or Private Access
CHARTNUM	Num	8	Number of Charter Boats at/using Site
CITYN	Char	17	Name of City/town or Nearest City/town
CO	Char	15	County Name
CONTACT	Char	21	Name of Contact Person On-site
CNTY	Num	8	FIPS County Code
DATE_MOD	Char	8	Date Record Was Updated or Added If New
DELETE	Char	1	Site Deactivation Indicator
FEE	Char	1	Site-Use Fee Indicator
HEADNUM	Num	8	Number of Head Boats at Site
HOSTILE	Char	1	Hostile Site Indicator (MRFSS Interviewing Denied)
ID	Char	9	Site ID Code (State & County Fips & 4-digit Site Code)
ID2	Char	9	Same as Id - Auxilliary Variable
LAT	Char	6	Latitude - HR MIN SEC
LL	Char	17	Latitude/longitude - Separate & Convert to HrsMinSec
LONG	Char	6	Longitude - HR MIN SEC
NIGHT	Char	2	Night Fishing Present (Sh, Pr, Np)
PHONE	Char	14	Phone Number of Primary Contact On-site
SAFE	Char	1	Safe for Single Interviewer to Interview at Night, Yes/no
SHMODE	Char	2	Shore Mode Present or Na If No Shore Fishing Available
INTSITE	Char	4	Intercept Access Site Code
SITED1	Char	53	Site Description Field, Address or Directions
SITED2	Char	32	Site Description Field, Address or Directions
SITEN	Char	37	Site Name, Additional Descriptors
STATE	Num	8	State Fips Code, Numeric
aprwd	Char	4	Pressures for Apr, Weekdays - SH PC PR CH
aprwe	Char	4	Pressures for Apr, Weekend - SH PC PR CH
augwd	Char	4	Pressures for Aug, Weekdays - SH PC PR CH
augwe	Char	4	Pressures for Aug, Weekend - SH PC PR CH
decwd	Char	4	Pressures for Dec, Weekdays - SH PC PR CH
decwe	Char	4	Pressures for Dec, Weekend - SH PC PR CH
febwd	Char	4	Pressures for Feb, Weekdays - SH PC PR CH
febwe	Char	4	Pressures for Feb, Weekend - SH PC PR CH
janwd	Char	4	Pressures for Jan, Weekdays - SH PC PR CH
janwe	Char	4	Pressures for Jan, Weekend - SH PC PR CH
julwd	Char	4	Pressures for Jul, Weekdays - SH PC PR CH
julwe	Char	4	Pressures for Jul, Weekend - SH PC PR CH
junwd	Char	4	Pressures for Jun, Weekdays - SH PC PR CH
junwe	Char	4	Pressures for Jun, Weekend - SH PC PR CH
marwd	Char	4	Pressures for Mar, Weekdays - SH PC PR CH
marwe	Char	4	Pressures for Mar, Weekend - SH PC PR CH
maywd	Char	4	Pressures for May, Weekdays - SH PC PR CH
maywe	Char	4	Pressures for May, Weekend - SH PC PR CH
novwd	Char	4	Pressures for Nov, Weekdays - SH PC PR CH
novwe	Char	4	Pressures for Nov, Weekend - SH PC PR CH
octwd	Char	4	Pressures for Oct, Weekdays - SH PC PR CH
octwe	Char	4	Pressures for Oct, Weekend - SH PC PR CH
sepwd	Char	4	Pressures for Sep, Weekdays - SH PC PR CH
sepwe	Char	4	Pressures for Sep, Weekend - SH PC PR CH

MRFSS MASTER SITE REGISTER - VARIABLE DESCRIPTIONS

VARIABLE	DESCRIPTION
STATE	FIPS State Code
CNTY	FIPS County Code
ID	9-digit; state & county FIPS & 4-digit site code, e.g. 370130477
ACCESS	Private or Public access (PB=Public; PV=Private)
CITYN	Name of city/town where site is located or the nearest one
CO	County name
CONTACT	Name of contact person on-site
PHONE	Phone number of primary contact on-site
DATE_MOD	Date record was updated or added if new (yyyymmdd)
DELETE	Site Inactivation Indicator D=Inactive, permanently closed, removed, destroyed Blank=Active for Fishing, valid sampling site
FEE	Site charges a fee for use by anglers/boaters Y = Yes N = No
CHARTNUM	Number of charter boats docked at site, or that typically use a ramp or launch
HEADNUM	Number of head boats at site
HOSTILE	Indicator of MRFSS angler-interviewing denied H=Not Allowed, Hostile Site Blank=Interviewing allowed
LL	Latitude/longitude (hrs-min.dec / hrs-min.dec = current format) (to be replaced with more precise Lat and Long - see below)
LAT	Latitude - deg-min-sec, measured to nearest second. E.g. 353214.
LONG	Longitude - deg-min-sec, measured to nearest second. E.g. 763746.
NIGHT	Night fishing present by mode SH=Shore Night Fishing Present PR=Private/Rental Night Fishing Present NP=Night Fishing Not Present at Site
SAFE	Safe for single interviewer to interview at night Y = Yes N = No

SHMODE	Shore mode present or na if no shore fishing available BB = Beach / Bank Mode only MM = Manmade Mode only SH = Both Beach/Bank and Manmade Modes NA = No Shore Mode Fishing Available
INTSITE	4-digit site code, assigned by NMFS
SITEN	Site name, additional descriptors
SITED1	Site description field, address or directions
SITED2	Site description field, address or directions
<mon>wd - <mon>we	Pressures Codes Estimating Angler Activity (by mode – SH PC PR CH, e.g. 1319) 0 = 1-4 Anglers Expected 1 = 5-8 Anglers Expected 2 = 9-12 Anglers Expected 3 = 13-19 Anglers Expected 4 = 20-29 Anglers Expected 5 = 30-49 Anglers Expected 6 = 50-79 Anglers Expected 7 = 80 + Anglers Expected 8 = Can Not Determine Activity / Pressure 9 = Mode Not Present at Sit

ASSIGNMENT COMPLETION FILE - VARIABLES AND FORMATS - SAS DATABASE

VARIABLE	TYPE	LEN	LABEL
ASGNDATE	Num	8	Assignment Draw (original) Date
CNTY	Char	3	FIPS County Code
CODE	Char	4	Assignment Disposition Code
COMMENT	Char	40	Disposition Code Details
COMPDATE	Num	8	Assignment Completion (final) Date
CONTROL4	Num	8	4-digit Control Number
CONTROL5	Num	8	5-digit Control Number
INTSITE	Num	8	Intercept Access Site Code
MODE	Num	8	Mode Number
MONTH	Char	2	Month
ROUND	Char	8	Round of Assignment Draw
ST	Num	8	FIPS State Code

ASSIGNMENT COMPLETION FILE - VARIABLE DESCRIPTIONS

VARIABLE	DESCRIPTION
ASGNDATE	Assignment Draw (original) Date, MM/DD/YY
CNTY	FIPS County Code
CODE	Final Disposition Code for Assignment: 6001 Completed 9991 Cancelled, Other: provide details in COMMENT 9994 Cancelled, Quota exceeded in mode: assignment was issued, but later cancelled to avoid greatly exceeding interviewer quota in assigned mode/month 9997 Cancelled, Weather: assignment was issued, but was later cancelled due to bad weather on the assigned data; and it could not be rescheduled to appropriate date
COMMENT	Disposition Code Supporting Details: required if CODE = 9991
COMPDATE	Assignment Completion (final) Date, MM/DD/YY
CONTROL4	Consecutive Assignment Numbers for Month & State Digit 1: 1=weekend, 2=weekday, 3=at-sea headboat trip Digit 2-4: consecutive assignment number by month and state
CONTROL5	Consecutive Completion Numbers for Month & Mode by State Digit 1: (MODE_FX) 1=Man-made (MM) 2=Beach/Bank (BB) 3=Shore (SH) 4=Party/Headboat (HB) 5=Charter (CH) 6=HB/CH 7=Private/Rental (PR) Digit 2: 1=weekend, 2=weekday, 3=at-sea headboat trip

Digit 3-5; consecutive completion number by month and state

INTSITE	4-digit site code, assigned by NMFS
MODE	Mode Number: 1=SH/BB 2=PC 3=PR 4=MM 5=CH 6=HB
MONTH	Month (2-digit number)
ROUND	Round of Assignment Draw: FIXED completed even if interviewing goals are reached before the end of a month or wave FLEXIBLE completed unless interviewing goals for the month or wave have already been reached RESERVE used when all fixed and flexible assignments have been exhausted but quota has not yet been achieved
ST	FIPS State Code