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SALTWATER RECREATION MODULE

sws1 In the following questions, I'd like you to tell me about your saltwater recreation.

[READ ONLY IF NEEDED OR IF ASKED]

Saltwater recreation includes a number of activities, such as swimming, boating, fishing, viewing nature, or taking hikes along saltmarshes, inlets, estuaries, bays, and the ocean.

swsday During the past 12 months, did you take any single day trips FROM YOUR HOME where the primary purpose was to recreate in, on, or near saltwater?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: By single day trips, we mean any time you traveled more than 15 minutes from home, but did not spend the night away from home.

This includes short trips within your community, and longer trips that may take several hours.

swmday During the past 12 months, did you go on any vacations or multiple day trips, during which you participated in saltwater recreation?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

By vacation or multiple day trips, we mean overnight or longer trips

IF NEEDED: This includes trips to a vacation home, camping trips, trips to a cabin belonging to a friend or a relative, and trips to resorts.

NOTE TO INTERVIEWER: These are just examples - other examples would include trips where you stayed at a hotel or a motel, a dude ranch, a bed and breakfast, or any other place away from home.

IF (swsday<>1&swmday<>1) SKIPTO CBIKE1

IF (swsday<>1) SKIPTO swvacnam

swtrips During the past 12 months approximately, how many single day trips did you take to recreate in, on, or near saltwater?

A. ENTER RESPONSE ****

-98 Don't know
-99 Refused

IF NEEDED: Please count trips whose primary purpose was to swim, boat, fish, view nature, or to otherwise enjoy saltmarshes, inlets, bays, the ocean and other saltwater bodies.

IF (swtrips=1) sw1site=1
IF (swtrips=1) swsites=1
IF (swtrips=1) SKIPTO swname1
IF (swtrips=0 & swmday<>1) SKIPTO CBIKE1
IF (swtrips=0 & swmday=1) SKIPTO swvacnam

sw1_site Were all of these ___ single-day trips to the same general area, or did you visit different places on different trips?

1 Same general area
2 Different places
8 Don't know
9 Refused

IF ASKED: By same general area, I mean a single destination such as an ocean beach; or several destinations that are near each other, such as different access points on a small cove.
Furthermore, if you took several trips during which you always stopped at the same several places, please count these as trips to one general area.

IF (sw1_site=1) SKIPTO swname1

sw_sites How many different areas did you visit on these _____ single-day trips?

A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

IF (sw_sites > 1) swsites=sw_sites
IF (sw_sites <= -98) swsites=sw_sites

swname1 What is the name of the saltwater site you visited most recently?

A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

swtype1 [IF OBVIOUS FROM THE NAME, ENTER THE CORRECT ANSWER, OTHERWISE ASK.]

What type of water body is _____ ?

1 Saltmarsh
2 Inlet or estuary
3 Bay
4 Ocean
5 Other

- 8 Don't know
- 9 Refused

IF PERSON SAYS IT'S A MIXTURE, RECORD AS OTHER

IF (swsites=1) swtrips1=swtrips
 IF (swsites=1) SKIPTO swself1

swtrps1 During the past 12 months, approximately how many trips did you take to SWNAME1?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused

swself1 On your most recent trip, did you travel to SWNAME1 by yourself?

- 1 Yes (Go to swactiv1)
- 2 No
- 8 Don't know (Go to swactiv1)
- 9 Refused (Go to swactiv1)

swself1b How many people did you go with?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused
- 97 For bus tour, organized tour

swdaysx1 About how many months ago was your most recent trip to SWNAME1?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused

IF (swdaysx1=1|swdaysx1=2) SKIPTO swdaysx2
 SKIPTO swactiv1

swdaysx2 About how many days ago was that trip?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused

swactiv1 In general for any trip you take to SWNAME1 what was your major reason for visiting?

[Read list if necessary. If respondent lists several reasons, choose the first one mentioned.]

- 1 Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
- 2 Fishing
- 3 Boating (such as motor boating, sailing and canoeing)
- 4 Viewing nature (such as birdwatching, viewing marine mammals, and

- relaxing on a beach)
- 5 Participating in an organized activity (such as a picnic, a fishing competition, or boat race)
- 6 Other
- 8 Don't know
- 9 Refused

IF (swactiv1 <> 2) SKIPTO swclear1

swfish1 What type of fish did you fish for?

READ LIST IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF NEEDED.

- 1 Migratory fish that live in the ocean and spawn in freshwater (such as striped bass, shad, and salmon)
- 2 Saltwater fish (such as halibut, cod, marlin, mackerel, and bluefish)
- 4 Other
- 8 Don't know
- 9 Refused

swfishb1 Did you fish from a boat?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

swclear1 In general, when deciding to visit SWNAME1 how important are the following water quality characteristics?

Would you say the clarity of the water is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

If asked about clarity: whether the water is not murky

swlife1 [REPEAT IF NECESSARY]
In general, when deciding to visit SWNAME1 how important are the following water quality characteristics?

Would you say the health of aquatic life is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

If asked to clarify: such as the number of fish

swodor1

[REPEAT IF NECESSARY]

In general, when deciding to visit SWNAME1 how important are the following water quality characteristics?

Would you say the odor of the water is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

swpollu1

[REPEAT IF NECESSARY]

In general, when deciding to visit SWNAME1 how important are the following water quality characteristics?

Would you say the level of pollutants in the water is Important, Somewhat important, or Not at all important?

- 1 Important
- 2 Somewhat important
- 3 Not at all important
- 8 Don't know
- 9 Refused

IF (swactiv1=3|swfishb1=1) swflag1=1
IF (swactiv1<>3 & swfishb1<>1) swflag1=0
SKIPTO swcity1

swcity1

What is the name of the city or town closest to SWNAME1?

A.. ENTER RESPONSE ****

swstate1

What state is SWCITY1 in?

ASK IF DON'T KNOW CITY:

What state is SWNAME1 in?

A.. ENTER RESPONSE ****

IF (CBRNDOM2<=3) ASKTIME=2
IF (CBRNDOM2<=3) ASKCOST=2
IF (CBRNDOM2 >= 4 & CBRNDOM2 <= 6) ASKTIME=2
IF (CBRNDOM2 >= 4 & CBRNDOM2 <= 6) ASKCOST=1
IF (CBRNDOM2 = 7 | CBRNDOM2 = 8) ASKTIME=1
IF (CBRNDOM2 = 7 | CBRNDOM2 = 8) ASKCOST=2
IF (CBRNDOM2 = 9 | CBRNDOM2 = 10) ASKTIME=1
IF (CBRNDOM2 = 9 | CBRNDOM2 = 10) ASKCOST=1
SKIPTO swdist1

swdist1

About how many miles is SWNAME1 from your home?

About how many miles from your home is the boat launch you used on your most recent trip to SWNAME1?

A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

By boat launch, we mean the place you started boating from.

swdire1 What direction is it from your home? OR What direction from your home is that boat launch?

- 1 North
- 2 Northeast
- 3 East
- 4 Southeast
- 5 South
- 6 Southwest
- 7 West
- 8 Northwest
- 9 Don't know
- 10 Refused

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IF (ASKCOST=2 & ASKTIME=2)
  IF (SWSITES = 1 & SWMDAY <> 1) SKIPTO CBIKE1
ENDIF
IF (ASKCOST=2 & ASKTIME=2)
  IF (SWSITES <> 1) SKIPTO swname2
ENDIF
IF (ASKCOST = 2 & ASKTIME = 1) SKIPTO swtime1
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swcost1x How much did your trip to SWNAME1 cost you?

A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

If it was a family trip, how much did it cost overall?

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IF (swflag1=0) SHOW swname1 5 34
IF (swflag1=1) SHOW "this boat launch" 5 36 17
IF (swflag1=1) SHOW "that you used on your trip to" 6 8 29
IF (swflag1=1) SHOW swname1 7 8
IF (swcost1x >= 0) SKIPTO sw_cost1
```

swcost1a Was your trip cost:

- 0 Nothing
- 1 Between 1 and 10 dollars
- 2 Between 11 and 25 dollars
- 3 Between 26 and 50 dollars
- 4 Greater than 51 dollars
- 8 Don't know
- 9 Refused

swtime1 How long does it take to travel to SWNAME1 from your home? Please include only your actual travel time.

- A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused

ROUND TO QUARTER HOURS (.25, .50, .75)

Do not include time spent on other activities, such as time spent at roadside restaurants.

SKIPTO sw_addc

swboat1b On your most recent trip to SWNAME1 did you use:

- 1 a rental or charter boat
- 2 or your own boat <go to swboat1c>
(Note to interviewer: own boat includes boat belonging to someone else, friend, family member)
- 8 Don't know
- 9 Refused

swrent1 About how much did it cost you to rent or charter this boat?

- A.. ENTER RESPONSE **** <go to sw_addc>
-98 Don't know <go to sw_addc>
-99 Refused <go to sw_addc>

If the person says they paid nothing, record 0.

swboat1c What type of boat did you use:

- 1 a rowboat or canoe [or other hand powered craft]
- 2 a sail boat
- 3 a small powerboat with less than a 40 horsepower motor
- 4 a powerboat with greater than a 40 horsepower motor
- 5 Other
- 8 Don't know
- 9 Refused

swtripc1 Suppose the cost of a trip to SWNAME1 were to increase by _____ for example, due to an increase in the price of gas. Would you change the number of trips you took to SWNAME1?

- 1 No change (same number of trips)
- 2 1 less trip
- 3 2 less trips
- 4 Taken no trips
- 5 Other
- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the cost of visiting SWNAME1 increases, all other prices and trip costs remain the same.

IF SKEPTICAL: Though our example of an increase in gas prices is likely to increase the costs of going to any site, for purposes of this question please imagine that only the cost of visiting SWNAME1 increases.

IF (ASKTIME = 1 & swaddt1 > 0) SKIPTO swtript1
IF (ASKTIME = 1 & swaddt1 <= 0) SKIPTO swtript2
IF (ASKTIME = 2 & swsites = 1 & swmday <> 1) SKIPTO CBIKE1
IF (ASKTIME = 2 & swsites = 1 & swmday = 1) SKIPTO swvacnm2
IF (ASKTIME = 2 & swsites <> 1) SKIPTO swname2

swtripc2 Suppose the cost of a trip to SWNAME1 were to decrease by _____ for example, due to a reduction in the price of gas. Would you change the number of trips you took to SWNAME1?

- 1 No change (same number of trips)
- 2 1 more trip
- 3 2 more trips
- 4 Other
- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the cost of visiting SWNAME1 decreases, all other prices and trip costs remain the same.

IF SKEPTICAL: Though our example of a reduction in gas prices is likely to decrease the costs of going to any site, for purposes of this question please imagine that only the cost of visiting SWNAME1 decreases.

IF (ASKTIME = 1 & ASKCOST = 2 & swaddt1 > 0) SKIPTO swtript1
IF (ASKTIME = 1 & ASKCOST = 2 & swaddt1 <= 0) SKIPTO swtript2
IF (ASKTIME = 2 & swsites=1 & swmday<>1) SKIPTO CBIKE1
IF (ASKTIME = 2 & swsites=1 & swmday=1) SKIPTO swvacnm2
IF (ASKTIME = 2 & swsites <> 1) SKIPTO swname2

swtript1 Suppose the time it took you to reach SWNAME1 were to increase by _____ for example, due to changes in road conditions. Would you change the number of trips you took to SWNAME1?

- 1 No change (same number of trips)
- 2 1 less trip
- 3 2 less trips
- 4 Taken no trips
- 5 Other
- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the time it took to travel to SWNAME1 increases, traveling to other locations does not change.

IF (swsites = 1 & swmday <> 1) SKIPTO CBIKE1
IF (swsites = 1 & swmday = 1) SKIPTO swvacnm2
SKIPTO swname2

swtript2 Suppose the time it took you to reach SWNAME1 were to decrease by _____ for example, due to improvements in road conditions. Would you change the number of trips you took to SWNAME1?

- 1 No change (same number of trips)
- 2 1 more trip
- 3 2 more trips
- 4 Other

- 8 Don't know
- 9 Refused

IF NEEDED: Please assume that only the time it took to travel to SWNAME1 decreases, traveling to other locations does not change.

IF (swsites = 1 & swmday <> 1) SKIPTO CBIKE1
IF (swsites = 1 & swmday = 1) SKIPTO swvacnm2

swname2 Other than SWNAME1 , what other saltwater site did you visit recently on one of your ___ single-day trips?

- A.. ENTER RESPONSE ****
- 98 Don't know
 - 99 Refused

TRY TO GET A SPECIFIC NAME. IF PERSON ANSWERS "the beach," ASK THE NAME OF THE BEACH.

If there is more than one site, which one of these other saltwater bodies did you visit most recently?

SWWHEN2 How many days ago was your most recent visit to SWNAME2?

- A.. ENTER RESPONSE ****
- 98 Don't know
 - 99 Refused

swtype2 [IF OBVIOUS FROM THE NAME, ENTER THE CORRECT ANSWER, OTHERWISE ASK.]

What type of water body is SWNAME2?

- 1 Saltmarsh
- 2 Inlet or estuary
- 3 Bay
- 4 Ocean
- 5 Other
- 8 Don't know
- 9 Refused

IF PERSON SAYS IT'S A MIXTURE, RECORD AS OTHER

swtrip2 During the past 12 months, approximately how many trips did you take to SWNAME2?

- A.. ENTER RESPONSE ****
- 98 Don't know
 - 99 Refused

swself2 On this most recent trip, did you travel to SWNAME2 by yourself?

- 1 Yes <go to swactiv2>
- 2 No
- 8 Don't know <go to swactiv2>
- 9 Refused <go to swactiv2>

swself2b How many people did you go with?

- A.. ENTER RESPONSE ****
-98 Don't know
-99 Refused
-97 For bus tour, organized tour

swactiv2 In general, what was your major reason for visiting SWNAME2?

[Read list if necessary. If respondent lists several reasons, choose the first one mentioned.]

- 1 Swimming, scuba diving, sailboarding, water skiing (any other water contact sports)
- 2 Fishing
- 3 Boating (such as motor boating, sailing and canoeing)
- 4 Viewing nature (such as birdwatching, viewing marine animals, and relaxing on a beach)
- 5 Participating in an organized activity (such as a picnic, a fishing competition, or boat race)
- 6 Other
- 8 Don't know
- 9 Refused

IF (swactiv2 <> 2) SKIPTO sw_flag2

swfish2 What type of fish did you fish for?

READ LIST IF NECESSARY. USE EXAMPLES IN PARENTHESES ONLY IF NEEDED.

- 1 Migratory fish that live in the ocean and spawn in freshwater (such as striped bass, shad, and salmon)
- 2 Saltwater fish (such as halibut, cod, marlin, mackerel, and bluefish)
- 4 Other
- 8 Don't know
- 9 Refused

swfishb2 Did you fish from a boat?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

swcity2 What is the name of the city or town closest to SWNAME2?

A.. ENTER RESPONSE ****

swstate2 What state is SWCITY2 in?

ASK IF DON'T KNOW CITY:

What state is SWNAME2 in?

A.. ENTER RESPONSE ****

swdist2 About how many miles is SWNAME2 from your home?

About how many miles from your home is the boat launch you used on your most recent

trip to SWNAME2?

- A.. ENTER RESPONSE ****
- 98 Don't know
 - 99 Refused

By boat launch, we mean the place you started boating from.

swdire2 What direction is it from your home? OR What direction from your home is that boat launch?

- 1 North
- 2 Northeast
- 3 East
- 4 Southeast
- 5 South
- 6 Southwest
- 7 West
- 8 Northwest
- 9 Don't know
- 10 Refused

IF (swmday=1 & swsday=1) SKIPTO swvacnm2
SKIPTO CBIKE1

swboat2b On your most recent trip to SWNAME2 did you use:

- 1 a rental or charter boat
- 2 or your own boat (Note to interviewer: own boat includes boat belonging to someone else, friend, family member) <go to swboat2c>
- 8 Don't know <go to swboat2c>
- 9 Refused <go to swboat2c>

swrent2 About how much did it cost you to rent or charter this boat?

- A.. ENTER RESPONSE ****
- 98 Don't know
 - 99 Refused

If the person says they paid nothing, record 0.

If the person takes more than a few seconds to answer, enter -98

IF (swmday <> 1) SKIPTO CBIKE1

swboat2c What type of boat did you use:

- 1 a rowboat or canoe [or other hand powered craft]
- 2 a sail boat
- 3 a small powerboat with less than a 40 horsepower motor
- 4 a powerboat with greater than a 40 horsepower motor
- 5 Other
- 8 Don't know
- 9 Refused

IF (swmday = 1 & swsday = 1) SKIPTO swvacnm2

IF (swmday = 1 & swsday <> 1) SKIPTO swvacnam

IF (swmday <> 1) SKIPTO CBIKE1

swvacnm2 You mentioned earlier that in the last 12 months you took a vacation or an overnight trip during which you participated in saltwater recreation. Where did you go on this vacation?

A.. ENTER RESPONSE ****

-98 Don't know

-99 Refused

If needed: If you took more than one vacation, where did you go on your most recent vacation during which you participated in saltwater recreation?

NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation home, a cabin belonging to a friend or relative, or to a campsite.

For saltwater recreation, include swimming, boating, fishing, or viewing nature in or near saltwater bodies, such as saltmarshes, inlets, estuaries, bays, and the ocean.

swcitym If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is SWVACNM2 closest to?

A.. ENTER RESPONSE ****

swstatm What state is SWCITYM in?

ASK IF DON'T KNOW CITY:

What state is SWVACNM2 in?

A.. ENTER RESPONSE ****

swtmodem How did you travel from your home to SWVACNM2?

- 1 Drove a car/truck
- 2 Drove a recreational vehicle or car camper
- 3 Airplane to nearby city
- 4 Bus or train to nearby city
- 5 Other
- 8 Don't know
- 9 Refused

swreasm Was participating in saltwater recreation:

- 1 the most important activity you did while on vacation to SWVACNM2?
- 2 one of the most important activities?
- 3 one of several activities?
- 4 a minor activity, or
- 5 something that didn't really matter?
- 8 Don't know
- 9 Refused

SKIPTO CBIKE1

swvacnam Where did you go on your vacation?

A.. ENTER RESPONSE ****

If needed: If you took more than one vacation, where did you go on your most recent vacation during which you participated in saltwater recreation?

NOTE: By vacation, we mean overnight or longer trips; such as trips to a vacation home, a cabin belonging to a friend or relative, or to a campsite.

For saltwater recreation, include swimming, boating, fishing, or viewing nature in or near saltwater bodies, such as saltmarshes, inlets, estuaries, bays, and the ocean.

swcityv If they have already told you the city or county, just type it in. Otherwise, ask!

What city or town is SWVACNAM closest to?

A.. ENTER RESPONSE ****

swstatev What state is SWCITYV in?

ASK IF DON'T KNOW CITY:

What state is SWVACNAM in?

A.. ENTER RESPONSE ****

swstayv If obvious, record. Otherwise, ASK!

Where did you stay on this vacation? (read list only if necessary -- if you can closely match, do so)

- 1 Vacation home
- 2 Cottage
- 3 Condo
- 4 Relative's house
- 5 Friend's house
- 6 Resort
- 7 Motel
- 8 Hotel
- 9 Campsite (tent or car-camper campsite)
- 10 Trailer park (RV site)
- 11 Other
- 98 Don't know
- 99 Refused

swtmdev How did you travel from your home to SWVACNAM ?

- 1 Drove a car/truck
- 2 Drove a recreational vehicle or car camper
- 3 Airplane to nearby city
- 4 Bus or train to nearby city
- 5 Other
- 8 Don't know
- 9 Refused

swreasv Was participating in saltwater recreation:

- 1 The most important activity you did while on vacation to SWVACNAM ?
- 2 One of the most important activities?
- 3 One of several activities?
- 4 A minor activity, or
- 5 Something that didn't really matter? <go to CBIKE1>
- 8 Don't know <go to CBIKE1>
- 9 Refused <go to CBIKE1>

swdov What activities did you do during this vacation to SWVACNAM ?

READ LIST IF NECESSARY, CHECK ALL THAT APPLY

- _____ Swimming
- _____ Fishing
- _____ Boating
- _____ Viewing nature
- _____ Participating in an organized activity
- _____ Other _____
- _____ No other

swnearv On your vacation to SWVACNAM did you engage in any saltwater recreation in the immediate vicinity of your SWSTAYV?

- 1 Yes
- 2 No
- 8 Don't know
- 9 Refused

IF NEEDED: In other words, were you able to swim, boat, fish or visit a beach directly from your or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

swside1v Did you take any sidetrips away from your SWSTAYV during which you participated in saltwater recreation?

- 1 Yes
- 2 No <go to CBIKE1>
- 8 Don't know <go to CBIKE1>
- 9 Refused <go to CBIKE1>

IF NEEDED: In other words, did you take any trips further than a few miles from your SWSTAYV or by walking or driving a few miles.

IF ASKED: By a few miles, I mean 5 miles or less

swside1d About how far from your SWSTAYV did you usually go on one of these side trips during which you participated in saltwater recreation?

IF NEEDED: What was the one-way distance, from your SWSTAYV to your sidetrips' destination?

[READ LIST IF NECESSARY]

- 1 5 to 10 miles
- 2 11 to 20 miles

- 3 21 to 40 miles
- 4 41 to 80 miles
- 5 more than 80 miles
- 8 Don't know
- 9 Refused

swwside3v What is the name of the place you usually visited on these sidetrips?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused

swwside4v How many times did you go to SWSIDE3V during your vacation to SWVACNAM ?

- A.. ENTER RESPONSE ****
- 98 Don't know
- 99 Refused

swwside5v [Record if obvious, otherwise ASK]

What type of water body is SWSIDE3V?

- 1 Saltmarsh <go to CBIKE1>
- 2 Inlet or estuary <go to CBIKE1>
- 3 Bay <go to CBIKE1>
- 4 Ocean <go to CBIKE1>
- 5 Other <go to CBIKE1>
- 8 Don't know <go to CBIKE1>
- 9 Refused <go to CBIKE1>