

TABLE DOCUMENTATION

National Survey on Recreation and the Environment (NSRE) 2000 - Current Participation Patterns in Marine Recreation

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1. DATASET IDENTIFICATION

1.1 Title of Catalog document
NSRE 2000

1.2 Authors of the Catalog entry
Percy A. Pacheco

1.3 Catalog revision date
February 5, 2010

1.4 Dataset names
NSRE data by Activity
nsre2000

NSRE data by state: **nsre2000_act_st2**

NSRE data by all states in the NSRE dataset: **nsre2000_act_us2**

1.5 Task Group
NOS, Special Projects – Spatial Trends in Coastal Socioeconomics (STICS) Project

1.6 Dataset identification code
001

1.7 Version
001

1.8 Request for Acknowledgment
NOAA requests that all individuals who download Socioeconomic data acknowledge the source of these data in any reports, papers, or presentations. If you publish these data, please include a statement similar to: "Some or all of the data described in this article were produced by the U.S."

National Oceanic and Atmospheric Administration through the National Ocean Service (NOS)' Special Project (SP) Office".

2. INVESTIGATOR INFORMATION (for full addresses see Section 13)

2.1 Principal Investigators

Percy A. Pacheco, Project Leader, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

Peter Wiley, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

Brent Ache, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

2.2 Sample Collection Investigators

N/A

2.3 Sample Processing Investigators

N/A

3. DATASET ABSTRACT

3.1 Abstract of the Dataset

NSRE 2000 is the eighth in the continuing series of U.S. National Recreation Surveys. Although similar to the previous national surveys, NRSE explores the outdoor recreational needs and environmental interests of the American people in greater depth. NSRE 2000 is an in-the-home survey of 50,000 households across all ethnic groups throughout the United States. Questions from NSRE 2000 broadly address such areas as outdoor recreation participation, demographics, household structure, lifestyles, environmental attitudes, natural resource values, constraints to participation, and attitudes toward management policies. NSRE 2000 is the first national survey to include a broad assessment of the Nation's participation in marine recreation.

"Marine recreation" was defined as participation in at least one of 19 activities/settings, including beach visitation, visitation to watersides besides beaches for outdoor recreation, swimming, snorkeling, scuba diving, surfing, wind surfing, fishing, motorboating, sailing, personal watercraft use, rowing, canoeing, kayaking, hunting for waterfowl in a water-based surrounding, viewing or photographing birds in a water-based surrounding, viewing or photographing other wildlife in a water-based surrounding, and viewing or photographing scenery in a water-based surrounding.

For activities, "marine" was defined as activities in oceans, sounds, and in mixed fresh-saltwater in tidal portions of rivers and bays. For settings (e.g., beaches, watersides, water-based surroundings, etc.) "marine" was defined as saltwater or saltwater surroundings such as oceans, sounds, and mixed fresh-saltwater in tidal portions of rivers and bays. The main measurements for marine recreation are number of participants and number of days of use in the state in which the activity took place. The relevant population includes all people 16 years of age or older in the civilian non-institutionalized population living in U.S. households. The data are available for all those distinct spatial aggregations listed in section 1.4 above

3.2 Keywords for the Dataset

socioeconomic, economic, coastal economics, recreation survey, marine recreation participation, demographics, household structure, nsre 2000.

4. OBJECTIVES AND INTRODUCTION

4.1 Program Objective

Special Projects (SP) is one of seven Divisions within the Office of Management and Budget of the National Ocean Service (NOS). The mission of Special Projects is to promote the NOS coastal stewardship mission by providing NOS and its partners with integrated approaches to planning and management, a national assessment capability complimentary to other NOS programs, and an innovative program of information synthesis and dissemination.

4.2 Dataset Objective

The 1999-2000 National Survey on Recreation and the Environment (NSRE) is the latest in a series of national surveys that was started in 1960 by the Outdoor Recreation Resources Review Commission (ORRRC). The federal government (ORRRC) initiated this National Recreation Survey (NRS) to assess outdoor recreation participation in the United States. Since that first in-home survey in 1960, six additional NRS's have been conducted - 1965, 1970, 1972, 1977, 1982-83, and 1994-95. The CORE program is co-leading the latest NSRE, which represents the first time data on marine recreation has been collected.

Supplemental Information:

The Marine Recreation Module of the NSRE 2000 asks in which states participation took place (up to five states for each activity setting), and for 16 of the activity/settings, the number of days in each state.

Participation Rate: "Participation Rate" is the percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in a particular activity or visited a particular setting over a 12-month period.

Participants: Number of participants is equal to the participation rate multiplied by the non-institutionalized population 16 years or older in all households of the U.S. Estimates provided are in millions of participants and rounded to three decimal places, or nearest thousand. (Initial reports used the U.S. population estimate from November 1999 (206.2 million) while later NSRE work will use the population estimate from November 2000 (213.1 million). This accounts for slight difference in the number of participants reported.)

Days: Respondents were asked for the number of days they participated in each activity or visited each setting over the past 12 months in each state. Respondents were instructed to include any part of a day as a whole day. Days is equal to one person doing an activity or visiting any setting for any part of a day. Days are not generally additive across activities since a person can participate in multiple activities or visit multiple settings in a given day or participate in activities at particular settings.

Double Counting: It is not appropriate to add the number of participants across activities/settings, as people can participate in multiple activities/settings. In reports generated by this team from the NRSE 2000 survey that report the number of participants across activities/settings this has been accounted for and all people who participated in more than one activity were only counted once.

4.3 Background Discussion

The source of the information is:

The NOAA's Coastal and Ocean Resource Economics (CORE) program is co-leading the latest NSRE, which represents the first time data on marine recreation has been collected. Partners include the U.S. Forest Service, the USDA Economic Research Service, the U.S. EPA, and the U.S. Department of Interior's Bureau of Land Management.

4.4 Summary of Dataset Parameters

The common variables that are available for the data aggregated by all those geographies listed in section 1.4 above are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
pr_beachsw	Beach Visitation Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in beach visitation over a 12-month period.	percentage
pr_watersw	Visiting Watersides Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in visiting watersides over a 12-month period..	percentage
pr_swimsw	Swimming Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in swimming over a 12-month period.	percentage
pr_snorksw	Snorkeling Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in snorkeling over a 12-month period.	percentage
pr_scubasw	Scuba Diving Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in scuba diving over a 12-month period.	percentage
pr_surf	Surfing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in surfing over a 12-month period.	percentage
pr_wsurfsw	Wind Surfing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in wind surfing over a 12-month period.	percentage
pr_sfish	Fishing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in fishing over a 12-month period.	percentage
pr_mboatsw	Motorboating Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in motorboating over a 12-month period.	percentage
pr_sailsw	Sailing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in sailing over a 12-month period.	percentage
pr_jskisw	Personal Watercraft Use Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in personal watercraft use over a 12-month period.	percentage
pr_canoesw	Canoeing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in canoeing over a 12-month period.	percentage
pr_kayaksw	Kayaking Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in kayaking over a 12-month period.	percentage
pr_rowsw	Rowing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in rowing over a 12-month period.	percentage
pr_wskisw	Water-Skiing Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in	percentage

		water-skiing over a 12-month period.	
pr_birdsw	Bird-Watching Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in bird-watching over a 12-month period.	percentage
pr_viewsw	Viewing Other Wildlife Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing other wildlife over a 12-month period.	percentage
pr_ovsw	Viewing or Photographing Scenery Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing or photographing scenery over a 12-month period.	percentage
pr_mhuntsw	Hunting Waterfowl Participation Rate	Percent of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in hunting waterfowl over a 12-month period.	percentage
n_part_beachsw	Beach Visitation-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in beach visitation over a 12-month period.	millions of participants
n_part_watersw	Visiting Watersides-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in visiting watersides over a 12-month period..	millions of participants
n_part_swimsw	Swimming-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in swimming over a 12-month period.	millions of participants
n_part_snorksw	Snorkeling-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in snorkeling over a 12-month period.	millions of participants
n_part_scubasw	Scuba Diving-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in scuba diving over a 12-month period.	millions of participants
n_part_surf	Surfing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in surfing over a 12-month period.	millions of participants
n_part_wsufsw	Wind Surfing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in wind surfing over a 12-month period.	millions of participants
n_part_sfish	Fishing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in fishing over a 12-month period.	millions of participants
n_part_mboatsw	Motorboating-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in motorboating over a 12-month period.	millions of participants
n_part_sailsw	Sailing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in sailing over a 12-month	millions of participants

		period.	
n_part_jskisw	Personal Watercraft Use-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in personal watercraft use over a 12-month period.	millions of participants
n_part_canoesw	Canoeing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in canoeing over a 12-month period.	millions of participants
n_part_kayaksw	Kayaking-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in kayaking over a 12-month period.	millions of participants
n_part_rowsw	Rowing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in rowing over a 12-month period.	millions of participants
n_part_wskisw	Water Skiing-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in water-skiing over a 12-month period.	millions of participants
n_part_birdsw	Bird Watching-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in bird-watching over a 12-month period.	millions of participants
n_part_viewsw	Viewing Other Wildlif-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing other wildlife over a 12-month period.	millions of participants
n_part_ovsw	Viewing or Photographing Scenery-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing or photographing scenery over a 12-month period.	millions of participants
n_part_mhuntsw	Hunting Waterfowl-Number of Participants	Number of Participants of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in hunting waterfowl over a 12-month period.	millions of participants
n_days_beachsw	Beach Visitation-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in beach visitation over a 12-month period.	millions of days
n_days_watersw	Visiting Watersides-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in visiting watersides over a 12-month period..	millions of days
n_days_swimsw	Swimming-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in swimming over a 12-month period.	millions of days
n_days_snorksw	Snorkeling-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in snorkeling over a 12-month period.	millions of days

n_days_scubasw	Scuba Diving-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in scuba diving over a 12-month period.	millions of days
n_days_surf	Surfing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in surfing over a 12-month period.	millions of days
n_days_wsurlsw	Wind Surfing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in wind surfing over a 12-month period.	millions of days
n_days_sfish	Fishing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in fishing over a 12-month period.	millions of days
n_days_mboatsw	Motorboating-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in motorboating over a 12-month period.	millions of days
n_days_sailsw	Sailing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in sailing over a 12-month period.	millions of days
n_days_jskisw	Personal Watercraft Use-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in personal watercraft use over a 12-month period.	millions of days
n_days_canoesw	Canoeing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in canoeing over a 12-month period.	millions of days
n_days_kayaksw	Kayaking-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in kayaking over a 12-month period.	millions of days
n_days_rowsw	Rowing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in rowing over a 12-month period.	millions of days
n_days_wskisw	Water Skiing-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in water-skiing over a 12-month period.	millions of days
n_days_birdsw	Bird Watching-Number of Participants	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in bird-watching over a 12-month period.	millions of days
n_days_viewsw	Viewing Other Wildlif-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing other wildlife over a 12-month period.	millions of days

n_days_ovsw	Viewing or Photographing Scenery-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in viewing or photographing scenery over a 12-month period.	millions of days
n_days_mhuntsw	Hunting Waterfowl-Number of Days	Number of Days of the civilian non-institutionalized population 16 years or older in all households of the U.S. that participated in hunting waterfowl over a 12-month period.	millions of days

The variables that occur only within the data aggregated by State (nsre2000_act_st2 table) are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
ST_ABBR	State Abbreviation Code	The 2-character USPS State Abbreviation Code	
ST_NAME	State Name	State Name	
Year	Year	Year	

The variables that occur only within the data aggregated by All NSRE States (nsre2000_act_us2 table) are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
ST_ABBR	US Code	US Code for all NSRE states	
ST_NAME	US Name	US Name for all NSRE states	
Year	Year	Year	

5. DATA ACQUISITION AND PROCESSING METHODS

5.1 Data Acquisition / Field Sampling

N/A

5.1.1 Sampling Objective

N/A

5.1.2 Sample Collection: Methods Summary

N/A

5.1.3 Beginning Sampling Date

N/A

5.1.4 Ending Sampling Dates

N/A

5.1.5 Sampling Platform

N/A

5.1.6 Sampling Equipment

N/A

5.1.7 Manufacturer of Sampling Equipment

N/A

5.1.8 Key Variables

N/A

5.1.9 Sample Collection: Methods Calibration

N/A

5.1.10 Sample Collection: Quality Control

N/A

5.1.11 Sample Collection: References

N/A

5.1.12 Sample Collection: Alternate Methods

N/A

5.2 Data Preparation and Sample Processing

N/A

5.2.1 Sample Processing Objective

N/A

5.2.3 Sample Processing: Methods Calibration

N/A

5.2.4 Sample Processing: Quality Control

N/A

5.2.5 Sample Processing: References

N/A

5.2.6 Sample Processing: Alternate Methods

N/A

6. DATA ANALYSIS AND MANIPULATIONS

6.1 Name of New or Modified Values

N/A

6.2 Data Manipulation: Description

Data was transformed from that generated for the report 'National Survey on Recreation and the Environment (NSRE) 2000: Current Participation Patterns in Marine Recreation' so it could be served on the 'Spatial Trends in Coastal Socioeconomics (STICS)' website. Variables were eliminated so that only participation and days variables for the 19 activities/settings remained.

All data manipulation was done using the Statistical Analysis System (SAS) software.

7. DATA DESCRIPTION

7.1 Description of Parameters

Please refer to section 4.4.

7.1.1 Components of the Dataset

Please refer to section 4.4.

7.1.2 Precision of Reported Values

Please refer to section 4.4.

7.1.3 Minimum Value in Dataset

The data varies per socio demographic variable

7.1.4 Maximum Value in Dataset

The data varies per socio demographic variable

7.2 Data Record Example

N/A

7.2.1 Column Names for Example Records

Please refer to section 4.4.

7.2.2 Examples of Data Records

Please refer to section 4.4

8. GEOGRAPHIC AND SPATIAL INFORMATION

8.1 Minimum Longitude (Westernmost)

-178.22

8.2 Maximum Longitude (Easternmost)

-66.97

8.3 Minimum Latitude (Southernmost)

18.92

8.4 Maximum Latitude (Northernmost)

71.41

8.5 Name of Region

United States

9. QUALITY CONTROL AND QUALITY ASSURANCE

9.1 Measurement Quality Objectives

These data are reported in a separate file.

9.2 Data Quality Assurance Procedures

These data are reported in a separate file.

9.3 Actual Measurement Quality

NA

10. DATA ACCESS

10.1 Data Access Procedures

Data can be downloaded from the web at

<http://www8.nos.noaa.gov/socioeconomics/download/nsre.aspx>

10.2 Data Access Restrictions

None

10.3 Data Access Contact Persons

Percy A. Pacheco, NOAA/NOS/MB/SP
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10.4 Dataset Format
ASCII (tab delimited) and XML files

10.5 Information Concerning Anonymous FTP
Not available

10.6 Information Concerning WWW
See Section 10.1 for WWW access

10.7 CD-ROM Containing the Dataset
All data is available on CD-ROM. Requests for reports and data can be made via email (Bob.Leeworthy@noaa.gov or Peter.Wiley@noaa.gov).

11. REFERENCES

N/A

12. TABLE OF ACRONYMS

FIPS	Federal Information Processing Standard
MB	Management and Budget Office
NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Service
NSRE	National Survey on Recreation and the Environment
SAS	Statistical Analysis System (software)
SP	Special Projects
STICS	Spatial Trends in Coastal Socioeconomics
QA/QC	Quality Assurance/Quality Control
USGS	United States Geological Survey
USPS	United States Postal Service
WWW	World Wide Web

13. PERSONNEL INFORMATION

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