**TABLE DOCUMENTATION**

# Demographic Trends
# (1970, 1980, 1990, 2000, 2010, and 2011)

**TABLE OF CONTENTS**

1. DATASET IDENTIFICATION
2. INVESTIGATOR INFORMATION
3. DATASET ABSTRACT
4. OBJECTIVES AND INTRODUCTION
5. DATA ACQUISITION AND PROCESSING METHODS
6. DATA MANIPULATIONS
7. DATA DESCRIPTION
8. GEOGRAPHIC AND SPATIAL INFORMATION
9. QUALITY CONTROL AND QUALITY ASSURANCE
10. DATA ACCESS AND DISTRIBUTION
11. REFERENCES
12. TABLE OF ACRONYMS
13. PERSONNEL INFORMATION

## 1. DATASET IDENTIFICATION

1.1 Title of Catalog document
Demographic Trends (1970, 1980, 1990, 2000, 2010, and 2011)
http://stics.noaa.gov

1.2 Authors of the Catalog entry
Percy A. Pacheco

1.3 Catalog revision date
January 12, 2013

1.4 Dataset names
Time Series Demographic Statistics data aggregated by block group
tsds_bg1970, tsds_bg1980, tsds_bg1990, tsds_bg2000

Demographic Trends data aggregated by county: **dtrends_cnty**

Demographic Trends data aggregated by state: **dtrends_st**

Demographic Trends data aggregated by NOAA's Coastal Watersheds:
**dtrends_caf_watersheds**

Demographic Trends data aggregated by 8-digit USGS Cataloging Units: **dtrends_usgs_hucs**

Demographic Trends data aggregated by County in Flood Emergency Management Agency (FEMA)'s 100-Yr Coastal Floodplain [Special Flood Hazard Area (SFHA) (coastal + riverine)]: **dtrends_fema_sfha.** The FEMA flood zone codes that creates this 100-yr SFHA boundary are: "ZONE_COMBINED" = 'A' OR "ZONE_COMBINED" = 'A1 - A30' OR "ZONE_COMBINED" = 'A99' OR "ZONE_COMBINED" = 'AE' OR "ZONE_COMBINED" = 'AH' OR "ZONE_COMBINED" = 'AO' OR "ZONE_COMBINED" = 'V' OR "ZONE_COMBINED" = 'V1 - V30' OR "ZONE_COMBINED" = 'VE' OR "ZONE_COMBINED" = '1 PCT ANNUAL CHANCE FLOOD HAZARD CONTAINED IN CHANNEL'. For

Demographic Trends data aggregated by NOAA's National Estuarine Research Reserve System (NERRS) Large Estuary Watersheds: **dtrends_nerrs_watersheds**

Demographic Trends data aggregated by NOAA's National Estuarine Research Reserve System (NERRS) Target Watersheds: **dtrends_nerrs_targets**

Demographic Trends data aggregated by EPA's National Estuary Program (NEP) Watersheds: **dtrends_nep_watersheds**

Demographic Trends data aggregated by EPA's National Estuary Program (NEP) Study Areas: **dtrends_nep_stdyareas**

Demographic Trends data aggregated by EPA's Large Aquatic Ecosystem (LAE) watersheds: **dtrends_nep_lae**

Demographic Trends data aggregated by CZMA Coastal Zone Boundaries: **dtrends_cz**

Demographic Trends data aggregated by NOAA's National Marine Sanctuaries counties: **dtrends_nms**

Demographic Trends data aggregated by Areas Vulnerable to Hurricane Wind Forces (winds 90 mph or greater): **dtrends_hurricane**

Demographic Trends data aggregated by State in an area within 50 mile fixed-distance from the shoreline: **dtrends_50miles**

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 Projects (SP) Division, Spatial Trends in Coastal Socioeconomics (STICS) Project".

**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) Division.

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

2.2 Sample Collection Investigators
N/A

2.3 Sample Processing Investigators
N/A

## 3. DATASET ABSTRACT

3.1 Abstract of the Dataset
For 166 demographic variables, the Demographic Trends (1970-2011) for political boundaries (i.e. State, County) were derived from Census Block Group Data. The land area reported in the county and state file are the 2010 land areas reported in the attribute table of the shapefiles provided by Census.

For other jurisdictions Demographic Trends 1970 and 1980 were derived from county data using a “county level disaggregation methodology” explained in section 6.2. Demographic Trends 1990, 2000, and 2010 were derived from block group data from these years. The American Community Survey 2006-2010 block group level data were used to supplement 2010 data since many variables selected for STICS were not available in the 2010 Census data (summary SF1 database). The American Community Survey 2007-2011 block group level data were used to report 2011 data. The land areas reported in other jurisdiction tables are areas provided by the source of the jurisdiction boundary or calculated from the shapefile provided by the source.

Demographic Trends information covers the following general areas, population, age, structures, racial and ethnic composition, income distributions, employment, educational attainment, and residential mobility. The data are available for all those distinct spatial aggregations listed in section 1.4 above.

3.2 Keywords for the Dataset
socioeconomic, economic, population, age, racial and ethnic compositions, income distribution, time series demographic, block group, coastal economics

## 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
Many of the goals of those involved in coastal management and policy include finding the balance in the coexistence of natural ecosystems and human society, therefore a complete picture of the geographic patterns of human activity and its relationship to the coastal environment is needed. The Time Series Demographic Statistics information (1970, 1980, 1990, 2000, and 2010) has been derived from Census Data of all four-decade censuses and the 2011 from the ACS 2007-2011 data. The purpose of the time series demographic statistics data files is to provide users with socio-demographic information such as population, age, structures, racial and ethnic composition, income contributions, and residential mobility in a format that facilitates comparisons across time and space.

4.3 Background Discussion

The sources of the information are:

1970 Census data were provided by:

Center for Electronic Records (NWME)
The National Archives at College Park
8601 Adelphi Rd.
College Park, MD 20740-6001
Telephone: 301-713-6645
Web Site: http://www.archives.gov/

1980 Census data were provided by:

U.S. Bureau of the Census
Geographic Division
Geospatial Research and Standards Staff
Washington, DC 20233
Telephone: 301-457-1056
Web Site: http://www.census.gov/

1990 Census data were provided by:

CensusCD 1990 CD-ROM
Geolytics, Inc.
P.O. Box 10
East Brunswick, New Jersey 08816
Telephone: 1-800-577-6717
Email: support@geolytics.com

2000 Census data were provided by:

CensusCD 2000 – Long Form SF3, Release 2.1
Geolytics, Inc.
P.O. Box 10
East Brunswick, New Jersey 08816
Telephone: 1-800-577-6717
Email: support@geolytics.com

2010 Census data (summary SF1) were provided by:

Population Distribution Branch
Population Division
U.S. Census Bureau
Telephone: (301) 763-6051

2006-2010 and 2007-2007 American Community Survey (ACS)

American Community Survey
U.S. Census Bureau
Email: macso.dvd.order@census.govail

4.4 Summary of Dataset Parameters

The U.S. Census Bureau provides data for a range of geographic types from the United States down to a Census Block. A detailed description of Census geography terminology can be obtained from the U.S. Census Bureau web site (American Factfinder - http://factfinder.census.gov/home/en/epss/glossary_a.html). The standard hierarchy of Census Geographies entities can be found at: http://www.census.gov/geo/www/geodiagram.pdf

The different coastal county definitions can be accessed at:
http://coastalsocioeconomics.noaa.gov/coast_defined.html

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 | Source |
|---|---|---|---|---|
| c_popul | Total Population | Total Population | persons | Census |
| c_urban | Urban Population | Urban Population | persons | Census |
| c_nurbn | Nonurban Population | Nonurban Population | persons | Census |
| c_rtotal | Race (short version) | Total population | persons | Census |
| c_white | Race (short version) | -white | persons | Census |
| c_white | Race Population | White Population | persons | Census |
| c_black | Race Population | Black Population | persons | Census |
| c_other | Race Population | Other Population | persons | Census |
| c_rtotal2 | Race (detailed version) | Total population | persons | Census |
| c_white2 | Race (detailed version) | -white | persons | Census |
| c_black2 | Race (detailed version) | -black or african american | persons | Census |
| c_ameri2 | Race (detailed version) | -american indian and alaska native | persons | Census |
| c_aspac2 | Race (detailed version) | -asian, native hawaiian, and other pacific islander | persons | Census |
| c_other2 | Race (detailed version) | -some other race and two or more races | persons | Census |
| c_hnhtotal | Hispanic or Latino / Not Hispanic or Latino | Total population | persons | Census |
| c_nhtot | Hispanic or Latino / Not Hispanic or Latino | -Not hispanic or latino total | persons | Census |
| c_nhwhit | Hispanic or Latino / Not Hispanic or Latino | --not hispanic or latino white | persons | Census |
| c_nhblac | Hispanic or Latino / Not Hispanic or Latino | --not hispanic or latino black or african american | persons | Census |
| c_nhamer | Hispanic or Latino / Not Hispanic or Latino | --not hispanic or latino american indian and alaskan native | persons | Census |
| c_nhaspa | Hispanic or Latino / Not Hispanic or Latino | --not hispanic or latino asian, native hawaiian, and other pacific islander | persons | Census |
| c_nhothr | Hispanic or Latino / Not Hispanic or Latino | --not hispanic or latino some other race and two or more races | persons | Census |
| c_htot | Hispanic or Latino / Not Hispanic or Latino | -Hispanic or latino total | persons | Census |
| c_hwhit | Hispanic or Latino / Not Hispanic or Latino | --hispanic or latino white | persons | Census |
| c_hblac | Hispanic or Latino / Not Hispanic or Latino | --hispanic or latino black or african american | persons | Census |
| c_hamer | Hispanic or Latino / Not Hispanic or Latino | --hispanic or latino american indian and alaskan native | persons | Census |
| c_haspa | Hispanic or Latino / Not Hispanic or Latino | --hispanic or latino asian, native hawaiian, and other pacific islander | persons | Census |
| c_hothr | Hispanic or Latino / Not Hispanic or Latino | --hispanic or latino some other race and two or more races | persons | Census |
| c_stotal | Sex | Total population | persons | Census |
| c_malel | Sex | -male | persons | Census |

| | | | | |
|---|---|---|---|---|
| c_fema | Sex | -female | persons | Census |
| c_atotal | Age | Total population | persons | Census |
| c_under5 | Age | -under 5 years old | persons | Census |
| c_5to9 | Age | -5 to 9 years old | persons | Census |
| c_10to14 | Age | -10 to 14 years old | persons | Census |
| c_15to17 | Age | -15 to 17 years old | persons | Census |
| c_18to19 | Age | -18 to 19 years old | persons | Census |
| c_20 | Age | -20 years old | persons | Census |
| c_21 | Age | -21 years old | persons | Census |
| c_22to24 | Age | -22 to 24 years old | persons | Census |
| c_25to34 | Age | -25 to 34 years old | persons | Census |
| c_35to44 | Age | -35 to 44 years old | persons | Census |
| c_45to54 | Age | -45 to 54 years old | persons | Census |
| c_55 to 59 | Age | -55 to 59 years old | persons | Census |
| c_60to61 | Age | -60 to 61 years old | persons | Census |
| c_62to64 | Age | -62 to 64 years old | persons | Census |
| c_64to74 | Age | -65 to 74 years old | persons | Census |
| c_over75 | Age | -75 years old and over | persons | Census |
| c_house | Household Type | Total households | households | Census |
| c_fhouse | Household Type | -family households | households | Census |
| c_nfhouse | Household Type | -nonfamily households | households | Census |
| c_family | Families | Total families | families | Census |
| c_hltotal | Household Language | Total population 5 years and over | persons 5 years & over | ACS for 2010 |
| c_engli | Household Language | -english language | persons 5 years & over | ACS for 2010 |
| c_spani | Household Language | -spanish language | persons 5 years & over | ACS for 2010 |
| c_hloth | Household Language | -other language | persons 5 years & over | ACS for 2010 |
| c_setotal | School Enrollment | Total population 3 years and over | persons 3 years and over | ACS for 2010 |
| c_ncoll | School Enrollment | -persons in no college | persons 3 years and over | ACS for 2010 |
| c_colle | School Enrollment and Type of School | -persons in college | Persons 3 years and over | ACS for 2010 |
| c_hitotal2 | Household Income (short version) | Total households | households | ACS for 2010 |
| c_hi1_2 | Household Income (short version) | -less than $10,000 | households | ACS for 2010 |
| c_hi2_2 | Household Income (short version) | -$10,000 to $19,999 | households | ACS for 2010 |
| c_hi3_2 | Household Income (short version) | -$20,000 to $24,999 | households | ACS for 2010 |
| c_hi4_2 | Household Income (short version) | -$25,000 to $34,999 | households | ACS for 2010 |

| | | | | |
|---|---|---|---|---|
| c_hi5_2 | Household Income (short version) | -$35,000 to $45,999 | households | ACS for 2010 |
| c_hi6_2 | Household Income (short version) | -$50,000 to $74,999 | households | ACS for 2010 |
| c_hi7_2 | Household Income (short version) | -$75,000 and over | households | ACS for 2010 |
| c_hitotal | Household Income (detailed version) | Total households | households | ACS for 2010 |
| c_hi1 | Household Income (detailed version) | -less than $10,000 | households | ACS for 2010 |
| c_hi2 | Household Income (detailed version) | -$10,000 to $14,999 | households | ACS for 2010 |
| c_hi3_ | Household Income (detailed version) | -$15,000 to $19,999 | households | ACS for 2010 |
| c_hi4 | Household Income (detailed version) | -$20,000 to $24,999 | households | ACS for 2010 |
| c_hi5 | Household Income (detailed version) | -$25,000 to $29,999 | households | ACS for 2010 |
| c_hi6 | Household Income (detailed version) | -$30,000 to $34,999 | households | ACS for 2010 |
| c_hi7_ | Household Income (detailed version) | -$35,000 to $39,999 | households | ACS for 2010 |
| c_hi8 | Household Income (detailed version) | -$40,000 to $44,999 | households | ACS for 2010 |
| c_hi9 | Household Income (detailed version) | -$45,000 to $49,999 | households | ACS for 2010 |
| c_hi10 | Household Income (detailed version) | -$50,000 to $59,999 | households | ACS for 2010 |
| c_hi11 | Household Income (detailed version) | -$60,000 to $74,999 | households | ACS for 2010 |
| c_hi12 | Household Income (detailed version) | -$75,000 to $99,999 | households | ACS for 2010 |
| c_hi13_ | Household Income (detailed version) | -$100,000 to $124,999 | households | ACS for 2010 |
| c_hi14 | Household Income (detailed version) | -$125,000 to $149,999 | households | ACS for 2010 |
| c_hi15_ | Household Income (detailed version) | -$150,000 and over | households | ACS for 2010 |
| c_hutotal | Housing Units | Total housing units | housing units | ACS for 2010 |
| c_huocu | Housing Units | -Occupied | housing units | ACS for 2010 |
| c_owner | Housing Units | --occupied owner | housing units | ACS for 2010 |
| c_rente | Housing Units | --occupied renter | housing units | ACS for 2010 |
| c_huvac | Housing Units | -Vacant | housing units | ACS for 2010 |
| c_frent | Housing Units | --vacant for rent | housing units | ACS for 2010 |

| | | | | |
|---|---|---|---|---|
| c_fsale | Housing Units | --vacant for sale | housing units | ACS for 2010 |
| c_fseas | Housing Units | --vacant for seasonal, recreational, or occasional use | housing units | ACS for 2010 |
| c_othvac | Housing Units | --other vacant | housing units | ACS for 2010 |
| c_pftotal | Plumbing Facilities | Total housing units | housing units | ACS for 2010 |
| c_cpf | Plumbing Facilities | -complete plumbing facilities | housing units | ACS for 2010 |
| c_lcpf | Plumbing Facilities | -lacking complete plumbing facilities | housing units | ACS for 2010 |
| c_oototal | Value of All Occupied Housing Units | Total owner - occupied housing units | housing units | ACS for 2010 |
| c_oohu1 | Value of All Occupied Housing Units | -under $ 15,000 | housing units | ACS for 2010 |
| c_oohu2 | Value of All Occupied Housing Units | -$15,000 to $19,999 | housing units | ACS for 2010 |
| c_oohu3 | Value of All Occupied Housing Units | -$20,000 to $24,999 | housing units | ACS for 2010 |
| c_oohu4 | Value of All Occupied Housing Units | -$25,000 to $29,999 | housing units | ACS for 2010 |
| c_oohu5 | Value of All Occupied Housing Units | -$30,000 to $34,999 | housing units | ACS for 2010 |
| c_oohu6 | Value of All Occupied Housing Units | -$35,000 to $39,999 | housing units | ACS for 2010 |
| c_oohu7 | Value of All Occupied Housing Units | -$40,000 to $49,999 | housing units | ACS for 2010 |
| c_oohu8 | Value of All Occupied Housing Units | -$50,000 to $59,999 | housing units | ACS for 2010 |
| c_oohu9 | Value of All Occupied Housing Units | -$60,000 to $99,999 | housing units | ACS for 2010 |
| c_oohu10 | Value of All Occupied Housing Units | -$100,000 to $124,999 | housing units | ACS for 2010 |
| c_oohu11 | Value of All Occupied Housing Units | -$125,000 to $149,999 | housing units | ACS for 2010 |
| c_oohu12 | Value of All Occupied Housing Units | -$150,000 to $174,999 | housing units | ACS for 2010 |
| c_oohu13 | Value of All Occupied Housing Units | -$175,000 to $199,999 | housing units | ACS for 2010 |
| c_oohu14 | Value of All Occupied Housing Units | -$200,000 to $249,999 | housing units | ACS for 2010 |
| c_oohu15 | Value of All Occupied Housing Units | -$250,000 to $299,999 | housing units | ACS for 2010 |
| c_oohu16 | Value of All Occupied Housing Units | -$300,000 to $399,999 | housing units | ACS for 2010 |
| c_oohu17 | Value of All Occupied Housing Units | -$400,000 to $499,999 | housing units | ACS for 2010 |
| c_oohu18 | Value of All Occupied Housing Units | -$500,000 and over | housing units | ACS for 2010 |
| c_tstotal | Type of Structure and Tenure | Total housing units | housing units | ACS for 2010 |

| | | | | |
|---|---|---|---|---|
| c_tstr1 | Type of Structure and Tenure | -tenure in 1-unit structure | housing units | ACS for 2010 |
| c_tstr2 | Type of Structure and Tenure | -tenure in 2-unit structure | housing units | ACS for 2010 |
| c_tstr3 | Type of Structure and Tenure | -tenure in 3-4-unit structure | housing units | ACS for 2010 |
| c_tstr4 | Type of Structure and Tenure | -tenure in 5 or more- unit structure | housing units | ACS for 2010 |
| c_tstr5 | Type of Structure and Tenure | -tenure in mobile homes, trailers, others | housing units | ACS for 2010 |
| c_aatotal | Automobiles Available and Tenure | Total occupied housing units with vehicle available | Occupied housing units with vehicle available | ACS for 2010 |
| c_auto1 | Automobiles Available and Tenure | -total occupied -1 automobile | Occupied housing units with vehicle available | ACS for 2010 |
| c_auto2 | Automobiles Available and Tenure | -total occupied -2 automobile | Occupied housing units with vehicle available | ACS for 2010 |
| c_auto3 | Automobiles Available and Tenure | -total occupied -3 or more automobiles | Occupied housing units with vehicle available | ACS for 2010 |
| c_hftotal | Heating Fuel | Total occupied housing units | occupied housing units | ACS for 2010 |
| c_heat1 | Heating Fuel | -utility gas | occupied housing units | ACS for 2010 |
| c_heat2 | Heating Fuel | -bottle, tank, or LP gas | occupied housing units | ACS for 2010 |
| c_heat3 | Heating Fuel | -electricity | occupied housing units | ACS for 2010 |
| c_heat4 | Heating Fuel | -others | occupied housing units | ACS for 2010 |
| c_heat5 | Heating Fuel | -no fuel used | occupied housing units | ACS for 2010 |
| c_itotal | Industry | Total population of employed 16 years and over | employed persons 16 years and over | ACS for 2010 |
| c_indu1 | Industry | -construction | employed persons 16 years and over | ACS for 2010 |
| c_indu1 | Industry | -manufacturing of non-durable and durable goods | employed persons 16 years and over | ACS for 2010 |
| c_indu3 | Industry | -transportation | employed persons 16 years and over | ACS for 2010 |
| c_indu4 | Industry | -communications3 and other public utilities | employed persons 16 years and over | ACS for 2010 |
| c_indu5 | Industry | -wholesale and retail trade | employed persons 16 years and over | ACS for 2010 |
| c_indu6 | Industry | -finance, insurance, business, and repair | employed persons 16 years and over | ACS for 2010 |
| c_indu7 | Industry | -other professional and related services | employed persons 16 years and over | ACS for |
| c_indu8 | Industry | -educational services | employed persons 16 years and over | ACS for 2010 |
| c_indu9 | Industry | -public administration | employed persons | ACS for |

| | | | | |
|---|---|---|---|---|
| | | | 16 years and over | 2010 |
| c_indu10 | Industry | -other industries | employed persons 16 years and over | ACS for 2010 |
| c_pstotal | Pverty Status | Total population | persons | ACS for 2010 |
| c_above | Poverty Status | -above poverty line | persons | ACS for 2010 |
| c_below | Poverty Status | -below poverty line | persons | ACS for 2010 |
| c_mttotal | Means of Transportation to Work | Total employed persons 16 years and over | employed persons 16 years and over | ACS for 2010 |
| c_mt1 | Means of Transportation to Work | -Car, track, or van | employed persons 16 years and over | ACS for 2010 |
| c_mt1a | Means of Transportation to Work | --car, track, or van (drove alone) | employed persons 16 years and over | ACS for 2010 |
| c_mt1b | Means of Transportation to Work | --car, track, or van (carpooled) | employed persons 16 years and over | ACS for 2010 |
| c_mt2 | Means of Transportation to Work | -Public transportation | employed persons 16 years and over | ACS for 2010 |
| c_mt2a | Means of Transportation to Work | --public transportation (bus or trailer bus) | employed persons 16 years and over | ACS for 2010 |
| c_mt2b | Means of Transportation to Work | --public transportation (street car or trolley car) | employed persons 16 years and over | ACS for 2010 |
| c_mt2c | Means of Transportation to Work | --public transportation (subway or elevated) | employed persons 16 years and over | ACS for 2010 |
| c_mt2d | Means of Transportation to Work | --public transportation (railroad) | employed persons 16 years and over | ACS for 2010 |
| c_mt2e | Means of Transportation to Work | --public transportation (ferryboat) | employed persons 16 years and over | ACS for 2010 |
| c_mt2f | Means of Transportation to Work | --public transportation (taxicab) | employed persons 16 years and over | ACS for 2010 |
| c_mt3 | Means of Transportation to Work | -Walked | employed persons 16 years and over | ACS for 2010 |
| c_mt4 | Means of Transportation to Work | -Other means | employed persons 16 years and over | ACS for 2010 |
| c_mt5 | Means of Transportation to Work | -Worked at home | employed persons 16 years and over | ACS for 2010 |
| c_ysbtotal | Year Structure Built | Total | housing units | ACS for 2010 |
| c_05late | Year Structure Built | -built 2005 or later | housing units | ACS for 2010 |
| c_00to04 | Year Structure Built | -built 2000 to 2004 | housing units | ACS for 2010 |
| c_90to99 | Year Structure Built | -built 1990 to 1999 | housing units | ACS for 2010 |
| c_80to89 | Year Structure Built | -built 1980 to 1989 | housing units | ACS for 2010 |
| c_70to79 | Year Structure Built | -built 1970 to 1979 | housing units | ACS for 2010 |
| c_60to69 | Year Structure Built | -built 1960 to 1969 | housing units | ACS for 2010 |
| c_50to59 | Year Structure Built | -built 1950 to 1959 | housing units | ACS for 2010 |

| | | | | |
|---|---|---|---|---|
| c_40to49 | Year Structure Built | -built 1940 to 1949 | housing units | ACS for 2010 |
| c_39earl | Year Structure Built | -1939 or earlier | housing units | ACS for 2010 |

The variables that occur only within the data aggregated by 1970 Census Block Group Variables (tsds_bg1970) are shown below:

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** | |
|---|---|---|---|---|
| cens70id | Census Block Group Identifier | Census Block Group Identifier | | |
| state70 | State | State | | |
| cnty70 | County | County | | |
| place | Place | Place | | |
| tract_b | Tract (Basic) | Tract (Basic) | | |
| tract_s | Tract (Suffix) | Tract (Suffix) | | |
| bg | Block Group | Block Group | | |
| ed_b | Enumeration District (Basic) | Enumeration District (Basic) | | |
| ed_s | Enumeration District (Suffix) | Enumeration District (Suffix) | | |
| lat1 | Block Group Centroid Latitude | Block Group Centroid Latitude | Degrees Decimal | |
| long1 | Block Group Centroid Longitude | Block Group Centroid Longitude | Degrees Decimal | |
| llsrce | Latitude/longitude source code | Latitude/longitude source code | | |
| ll_flag | Latitude/longitude quality control flag code | Latitude/longitude quality control flag code | | |
| fips | FIPS Code | Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county) | | |
| unique | CAF unique code | Unique in the CAF is the intersection area of an 8-digit Hydrologic Cataloging Unit and Estuarine area. | | |
| esasubeda | Sub-watershed EDA/CDA/FDA Code | Sub-watershed EDA/CDA/FDA code | | |
| dr_code | EDA/FDA flag | EDA/FDA flag | | |
| huc | HUC code | 8-Digit USGS Hydrologic Cataloging Unit Code | | |
| ST_ABBR | State Abbreviation | State Abbreviation | | |
| DIVISIONCD | Division Code | Census Division Code | | |
| REGIONCD | Region Code | Census Region Code | | |

The variables that occur only within the data aggregated by 1980 Census Block Group variables (tsds_bg1980) are shown below:

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** | |
|---|---|---|---|---|
| cens80id | Census Block Group Identifier | Census Block Group Identifier | | |
| state | Geographic Hierarchy | State | | |
| county | Geographic Hierarchy | County | | |
| place | Geographic Hierarchy | Place | | |
| tractbna | Geographic Hierarchy | Census Tract/Block Numbering Area | | |
| bg | Geographic Hierarchy | Block Group | | |

| | | | | |
|---|---|---|---|---|
| ed_code | Geographic Hierarchy | Enumeration District | | |
| Lat_dd | Coordinates | Latitude in decimal degrees | decimal degrees | |
| Lon_dd | Coordinates | Longitude in decimal degrees | decimal degrees | |
| llsrce | Latitude/longitude | Latitude/longitude source code | | |
| ll_flag | Latitude/longitude quality control flag code | Latitude/longitude quality control flag code | | |
| fips | FIPS Code | Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county) | | |
| unique | CAF Unique Code | Unique in the CAF is the intersection area of an 8-digit Hydrologic Cataloging Unit and Estuarine area. | | |
| edasubeda | Sub-watershed EDA/CDA/FDA code | Sub-watershed EDA/CDA/FDA code | | |
| dr_code | EDA/FDA Code | Drainage Code indicating unique is in an EDA, FDA, or Interior drainage area | | |
| huc | HUC Code | 8-digit USGS Hydrologic Cataloging Unit Code | | |
| ST_ABBR | State Abbreviation | State Abbreviation | | |
| DIVISIONCD | Census Division Code | Census Division Code | | |
| REGIONCD | Census Region Code | Census Region Code | | |

The variables that occur only within the data aggregated by 1990 Census Block Group Variables (tsds_bg1990) are shown below:

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** | |
|---|---|---|---|---|
| AREAKEY | Census Block Group Identifier | Census Block Group Identifier | | |
| INTPTLAT | Block Group Centroid Latitude | Block Group Centroid Latitude | Decimal Degrees | |
| INTPTLNG | Block Group Centroid Longitude | Block Group Centroid Longitude | Decimal Degrees | |
| STUSAB | State Abbreviation | State Abbreviation | | |
| FIPS | FIPS code | Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county) | | |
| UNIQUE | CAF Unique code | Unique in the CAF is the intersection area of an 8-digit Hydrologic Cataloging Unit and Estuarine area. | | |
| EDASUBEDA | Sub-watershed EDA/CDA/FDA code | Sub-watershed EDA/CDA/FDA Code | | |
| DR_CODE | | Drainage Code indicating unique is in an EDA, FDA, or Interior | | |
| HUC | HUC Code | 8-digit USGS Hydrologic Cataloging Unit Code | | |
| REGION | Region Code | NOAA Coastal Assessment Region; (N = North Atlantic, M = Mid-Atlantic, S = South Atlantic, G= Gulf of Mexico, P = Pacific, L = Great Lakes, U = Interior, X = International) | | |
| AREALAND | Area Land (0.001 Square kilometers)(NOAA) | NOAA's CAF Area Land (0.001 Square Kilometers) | 0.001K m2 | |
| AREAWAT | Area Water (0.001 Square Kilometers)(NOAA) | NOAA's CAF Area Water (0.001 Square Kilometers) | 0.001 Km2 | |
| ST_ABBR | State Abbreviation | State Abbreviation | | |
| DIVISIONCD | Census Division Code | Census Division Code | | |
| REGIONCD | Census Region Code | Census Region Code | | |

The variables that occur only within the data aggregated by 2000 Census Block Group Variables (tsds_bg2000) are shown below:

| Field Name | Description/Long Name | Definitions/Contents | Units | |
|---|---|---|---|---|
| AREAKEY | Block Group Unique Identifier | Block Group Unique Identifier Code (2-digit state FIPS, 3-digit county FIPS, 6-digit Tract number, 1-digit block group number) | | |
| ST_FIPS | State FIPS code | The 2-digit Federal Information Processing Standard Code for each Sate | | |
| CNTY_FIPS | County FIPS Code | The 3-digit Federal Information Processing Standard Code for each County | | |
| TRACT | Tract Number | Census Tract Number | | |
| BKG | Block Group Number | Block Group Number – unique value for each block group within a given census tract | | |
| YEAR | Year 2000 | Year 2000 | | |
| ST_ABBR | State Abbreviation Code | The 2-character USPS State Abbreviation Code | | |
| CNTY_STATE | County Name and State Abbreviation | County Name and State Abbreviation | | |
| SQMI2000 | Block Group Area | Block Group Area in square miles for the year 2000 | sqmi | |

The variables that occur only within the data aggregated by County (dtrends_cnty) are shown below.

| Field Name | Description/Long Name | Definitions/Contents | Units | |
|---|---|---|---|---|
| FIPS | FIPS code | Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county) | | |
| CTYSTATE | County Name and State abbreviation | County Name and State Abbreviation | | |
| CTYCOAST2010 | Code indicating if county is a NOAA watershed-based 2010 coastal county | Code indicating if county is a NOAA watershed-based 2010 coastal county: C= Coastal County; N=Noncoastal County | | |
| FEMACTY2010 | Code indicating if county is a shoreline-based 2010 coastal county | Code indicating if county is a fema 100-yr coastal flood hazard area-based 2010 coastal county) : C= Coastal County; N=Noncoastal County | | |
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | | |
| DIVISIONCD | Division Code | Census Division Code | | |
| REGIONCD | Region Code | Census Region Code | | |
| LANDSQMI | Area | Area of County | sqmi | |
| YEAR | Year | Year | | |
| | | | | |

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

| Field Name | Description/Long Name | Definitions/Contents | Units | |
|---|---|---|---|---|
| ST_FIPS | ST_FIPS | The two-digit Federal Information Processing Standard (FIPS) code for each state in the US. | | |
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | | |
| ST_NAME | State Name | State Name | | |

| | | | | |
|---|---|---|---|---|
| LANDSQMI | State Area | State Area in Square Miles in year 2000 | sqmi | |
| DIVISIONCD | Division Code | Census Division Code | | |
| REGIONCD | Region Code | Census Region Code | | |
| YEAR | Year | Year | | |

The variables that occur only within the data aggregated by NOAA's coastal watershed (dtrends_caf_watersheds) are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** | |
|---|---|---|---|---|
| SPATLINK | Link Code to Geography | Link Code to Geography (EDASUBEDA+DR_CODE) | | |
| EDASUBEDA | EDASUBEDA Code | EDA/CDA/FDA Watershed Code | | |
| DR_CODE | EDA/CDA/FDA Code | Drainage Code indicating if subwatershed is in an EDA, CDA, FDA or Interior | | |
| SUB_NAME | EDASUBEDA Name | EDASUBEDA Sub-System Name | | |
| EDACODE | Watershed Code | 4-digit Watershed Code (no subsystems) | | |
| EDA_NAME | Watershed Name | Watershed Name (no subsystems) | | |
| REGION | Region Code | NOAA Coastal Assessment Region; (N = North Atlantic, M = Mid-Atlantic, S = South Atlantic, G = Gulf of Mexico, P = Pacific, L = Great Lakes, U = Interior, X = International | | |
| LANDSQMI | Area | Area of NOAA's CAF Subwatershed Area | sqmi | |
| Year | Year | Year | | |
| | | | | |

The variables that occur only within the data aggregated by NOAA's regions (tsds_caf_regions) are shown below.

| | | | | |
|---|---|---|---|---|
| REGION | Region Code | NOAA Coastal Assessment Region; (N = North Atlantic, M = Mid-Atlantic, S = South Atlantic, G = Gulf of Mexico, P = Pacific, L = Great Lakes, U = Interior, X = International | | |
| LANDSQMI | Land Area | Land Area of the Region Watershed | sqmi | |

The variables that occur only within the data aggregated by USGS 8-digit Cataloging Units (dtrends_usgs_hucs) are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** | |
|---|---|---|---|---|
| HUC | 8-Digit USGS Cataloging Unit | 8-Digit USGS Cataloging Unit (numeric field) | | |
| HHUC | 8-Digit USGS Cataloging Unit Code | 8-Digit USGS Cataloging Unit (character field) | | |
| HUC_NAME | 8-Digit USGS Cataloging Unit Name | 8-Digit USGS Cataloging Unit Name | | |
| USGSSQMI | USGS Cataloging Unit Area | USGS Cataloging Unit Area in Square Miles | sqmi | |
| ACC_UNIT | USGS Accounting Unit code | Accounting Unit code (6 first digits of HUC) | | |
| SUBREGION | USGS Sub-region code | Sub-region Code (4 first digits of HUC) | | |

| | | | | |
|---|---|---|---|---|
| REGIONUSGS | USGS Region code | Water Resource Region Code (2 first digits of HUC) | | |
| LANDSQMI | Land Area | Land Area | | |
| YEAR | Year | Year | | |

The variables that occur only within the data aggregated by County in FEMA's 100-Yr Special Flood Hazard Area (SFHA) (coastal+riverine) (dtrends_fema_sfha) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| FIPS_FEMA | FIPS Code | Federal Information Processing Standard (FIPS) Code (2-digit state and 3-digit county) | |
| CTYSTATE | County Name and State Abbreviation | County Name and State Abbreviation | |
| LANDSQMI | Area (sqmi) of FEMA's CFHA in the county | Area (sqmi) of FEMA's 100-yr Coastal Flood Hazard Area (SFHA) in the county | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NERRS Large Estuary Watershed (dtrends_nerrs_watersheds) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| WSHDCODE | Large Estuary Watershed Code | 4-digit Large Estuary Watershed Code | |
| WSHDNAME | NERRS Large Estuary Watershed Name | National Estuary Research Reserve System (NERRS) Large Estuary Watershed Name | |
| LANDSQMI | Land Area | Land Area of the NERRS Large Estuary Watershed | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NERRS Target Watershed (dtrends_nerrs_targets) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| WSHDCODE | Target Watershed Code | 4-digit Target Watershed Code | |
| WSHDNAME | NERRS Target Watershed Name | National Estuary Research Reserve System (NERRS) Target Watershed Name | |
| LANDSQMI | Land Area | Land Area of the NERRS Target Watershed | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NEP Watersheds (dtrends_nep_watersheds) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| NEP_ID | Watershed ID | 6-digit Watershed ID. | |
| NEP_NAME | Watershed | National Estuary Program (NEP) Watershed Name | |

| | | | |
|---|---|---|---|
| LANDSQMI | Land Area | NEP Watershed Land Area (sqmi) | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NEP Study Areas (dtrends_nep_studyareas) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| NEP_ID | Study Area ID | 6-digit Watershed ID. | |
| NEP_NAME | NEP Study Area Name | National Estuary Program (NEP) Watershed Name | |
| LANDSQMI | Land Area | NEP Watershed Land Area (sqmi) | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NEP Large Aquatic Ecosystems (dtrends_nep_lae) table are shown below.

| **Field Name** | **Description/Long Name** | **Definitions/Contents** | **Units** |
|---|---|---|---|
| NEP_ID | Study Area ID | 6-digit Watershed ID. | |
| NEP_NAME | NEP Study Area Name | National Estuary Program (NEP) Watershed Name | |
| LANDSQMI | Land Area | NEP Watershed Land Area (sqmi) | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by Area within a coastal zone boundary in the State (dtrends_cz) table are shown below.

| Field Name | Description/Long Name | Definitions/Contents | Units |
|---|---|---|---|
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | |
| LANDSQMI | Area of coastal zone boundary | Area within a coastal zone boundary in the State | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by NOAA's National Marine Sanctuary counties (dtrends_nms) table are shown below.

| Field Name | Description/Long Name | Definitions/Contents | Units | |
|---|---|---|---|---|
| FIPS | FIPS code | Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county) | | |
| COUNTY | County Name, State abbreviation, and Sanctuary Name | County Name, State abbreviation, and Sanctuary Name | | |
| CTYCOAST2010 | Code indicating if county is a NOAA watershed-based 2010 coastal county | Code indicating if county is a NOAA watershed-based 2010 coastal county: C= Coastal County; N=Noncoastal County | | |
| FEMACTY2010 | Code indicating if county is a shoreline-based 2010 coastal county | Code indicating if county is a fema 100-yr coastal flood hazard area-based 2010 coastal county) : C= Coastal County; N=Noncoastal County | | |
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | | |
| DIVISIONCD | Division Code | Census Division Code | | |
| REGIONCD | Region Code | Census Region Code | | |
| LANDSQMI | Area | Area of County | sqmi | |
| YEAR | Year | Year | | |
| SANCTUARY | Sanctuary Code | National Marine Sanctuary Name | | |
| | | | | |

The variables that occur only within the data aggregated by State-Hurricane Prone Areas (areas vulnerable to hurricane-force winds) (dtrends_hurricane) table are shown below.

| Field Name | Description/Long Name | Definitions/Contents | Units |
|---|---|---|---|
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | |
| LANDSQMI | Area of Hurricane prone | Census Division Code | sqmi |
| YEAR | Year | Year | |

The variables that occur only within the data aggregated by Area within a 50 mile fixed-distance from the coastline in the State (dtrends_50miles) table are shown below.

| Field Name | Description/Long Name | Definitions/Contents | Units |
|---|---|---|---|
| ST_ABBR | State Abbreviation Code | The 2 digits USPS State Abbreviation Code | |
| LANDSQMI | Area of 50 Miles Buffer from Coastline | Area within a 50 mile fixed-distance from the coastline in the State | sqmi |
| 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

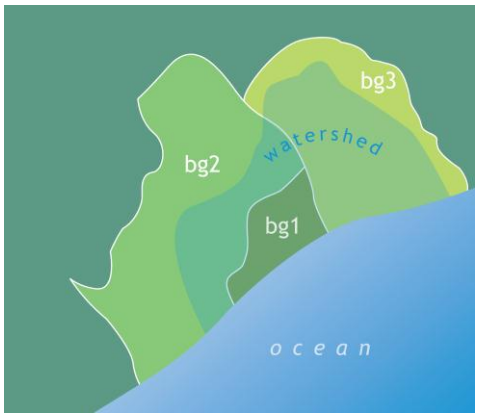
6.1 Name of New or Modified Values
N/A

6.2 Data Manipulation: Description
a) The Census 1990 and 2000 block group data were obtained from Geolytics - CensusCDs - Long Form SF3, Release 2.1. The 2010 block group data were obtained from the Census Bureau. For these 1990, 2000, and 2010, Census Block Group polygons were imported into a GIS system to assign these polygons to political, place-based management program boundaries, and watershed/other jurisdictions. Estimates were obtained through a GIS overlay operation of Census Block Groups with all boundaries or study areas of interest. Block Groups that fell partially in the areas of interest were prorated by area to be included in the estimates (**block group area proration methodology**). The demographic variables data of block groups were then summarized by the study areas of interest. The exception of this process is County and State level estimates which were obtained by summarizing the demographic variables by the existent appropriate geography code in the file associated to each Census Block Group data. For description of jurisdictions or geographies used in STICS, refer to http://coastalsocioeconomics.noaa.gov/coast_defined.html.

The 2010 Census Summary File 1 data are not as complete as the previous year's Censuses data. To supplement the missing data in the 2010 tables of the Demographic Trends database, the 2006-2010 American Community Survey (ACS) block group-level data were used. Information about this data can be found at http://www2.census.gov/acs2010_5yr/summaryfile/ACS_2006-2010_SF_Tech_Doc.pdf. To report the 2011 tables of the Demographic Trends database, the 2007-2011 American Community Survey (ACS) block group-level data were used. Information about this data can be found at http://www2.census.gov/acs2011_5yr/summaryfile/ACS_2007_2011_SF_Tech_Doc.pdf

All data manipulation was done using the Statistical Analysis System (SAS) software. The data are kept as SAS files and exported out as ASCII tab delimited format for users' accessibility in the Download section of STICS.

An example of the block group area proration methodology follows:




Block Group 2000 population in Watershed:
bg1: 200 persons
bg2: 300 persons
bg3: 100 persons

Block Group 2000 areas in Watershed:

bg1:  100% in watershed
bg2:  40% in watershed
bg3:  70% in watershed

2000 population in Watershed is calculated as follows:

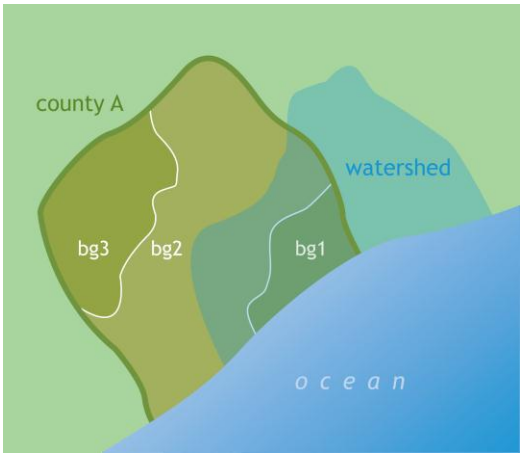
popbg1 = 200 * (100/100) = 200.00
popbg2 = 300 * ( 40/100)  = 120.00
popbg3 = 100 * ( 70/100)  =  70.00

2000 population in Watershed = round (200.00 + 120.00 + 70.00) = 390 persons

b) For Census 1970 and 1980 the Census Block Group data were aggregated to County Level. These county level data were normalized to Census County 2010 boundaries. The county level data were then disaggregated to several place based management boundaries (ex. NERRS, NEP), Floodplains (ex. FEMA Coastal Flood Hazard Area), NOAA and CAF watersheds, and other boundaries using a **block group area proration-county disaggregation methodology** as follows:

The county data were distributed accordingly to the population of block groups in the county. Then, the block group areas were intersected with the geography of interest (ex. watershed) using the ESRI ArcGIS software. Any block group that was partially included in the geography of interest was prorated by area.

An example of the block group area proration-county disaggregation methodology follows:




1970 population in County A: 400 persons
Population 2010 in County A: 600 persons

Block Group 2010 population in County A:
bg1: 200 persons
bg2: 300 persons
bg3: 100 persons

Block Group 2010 areas in Watershed (County A portion):
bg1:  100% in watershed
bg2:  40% in watershed
bg3:  0% in watershed

1970 population in Watershed (County A portion) is calculated as follows:

pop70bg1 = (200/600) * 400 * (100/100) = 133.33

pop70bg2 = (300/600) * 400 * ( 40/100) = 80.00
pop70bg3 = (100/600) * 400 * ( 0/100) = 0.00

1970 population in Watershed (County A portion) = round (133.33 + 80.00 + 0.00) = 213 persons

c) To obtain the Demographic Trends file (1970, 1980, 1990, 2000, 2010 and 2011) the individual files obtained from the processing above were put together. The datasets have data for approximately 166 variables. All data manipulation was done using The Statistical Analysis System (SAS) software.

For a complete description of the procedures and census variables used in this study see the census detailed description file.

c) County data were standardized to 2010 county boundaries. See changes to counties and county equivalent entities from 1970 to 2000. Adjustments from 2000 to 2010 are as follows:

FIPS 02201 (Prince of Wales-Outer Ketchikan County) becomes part of 02275 (Wrangell City and Borough), 02198 (Prince of Wales-Hyder Census Area), and 02130 (Ketchikan Gateway County)

FIPS 02232 (Skagway-Hoonah-Angoon County) becomes part of 02230 (Skagway Municipality) and 02105 (Hoonah-Angoon Census Area)

FIPS 02280 (Wrangell-Petersburg County) becomes part of 02195 (Petersburg Census Area) and 02275 (Wrangell City and Borough)

FIPS 51560 (Clifton Forge city) becomes part of 51005 (Alleghany County)

## 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 demographic variable

7.1.4 Maximum Value in Dataset
The data varies per 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
The following variables for the 1980 Census were obtained from the Geolytics CD due to problems with the accuracy of the 1980 source data obtained from the Census Bureau: Nativity and Parentage (c80nativ, c80forei), and Type of Structure and Tenure (c80tstr1, c80tstr2, c80tstr3, c80tstr4, c80tstr5).

The total count of families for the 1980 variable Family Income (c80fi1, c80fi2, c80fi3, c80fi4, c80fi5) does not equal the reported 1980 total number of families reported elsewhere in this project.

## 10. DATA ACCESS

10.1 Data Access Procedures
Data can be downloaded from the web at
http://coastalsocioeconomics.noaa.gov/download/download2.html

10.2 Data Access Restrictions
None

10.3 Data Access Contact Persons
Percy A. Pacheco, NOAA/NOS/MB/SP
301-713-3000, Percy.Pacheco@noaa.gov

10.4 Dataset Format
ASCII (tab delimited) 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
Spatial Patterns of Socioeconomic Data from 1970 to 2010. A national research STICS dataset aggregated by watershed, political, and other boundaries.

## 11. REFERENCES

N/A

## 12. TABLE OF ACRONYMS

| | |
|---|---|
| CAF | NOAA's Coastal Assessment Framework |
| CDA | Coastal Drainage Area |
| EDA | Estuarine Drainage Area |
| FDA | Fluvial Drainage Area |
| FIPS | Federal Information Processing Standard |
| HUC | USGS Hydrologic Cataloging Unit |
| MB | Management and Budget Office |
| NOAA | National Oceanic and Atmospheric Administration |
| NOS | National Ocean Service |
| SAS | Statistical Analysis System (software) |
| SP | Special Projects |
| STICS | Spatial Trends in Coastal Socioeconomics |
| QA/QC | Quality Assurance/Quality Control |
| TSDS | Time Series Demographic Statistics |
| USGS | United States Geological Survey |
| USPS | United States Postal Service |
| WWW | World Wide Web |

## 13. PERSONNEL INFORMATION

Percy A. Pacheco, Project Lead
NOAA/NOS/MB/Special Projects
1305 East West Highway, 9th Floor SSMC4, Silver Spring, MD 20910-3281
301-713-3000, 301-713-4384 (FAX), Percy.Pacheco@noaa.gov

Brent Ache
NOAA/NOS/MB/Special Projects
1305 East West Highway, 9th Floor SSMC4, Silver Spring, MD 20910-3281
301-713-3000, 301-713-4384 (FAX), Brent.Ache@noaa.gov