

TABLE DOCUMENTATION
Total Full-Time & Part-Time
Employment by Industry, 1969-2007

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1. DATASET IDENTIFICATION

1.1 Title of Catalog document

Total Full-Time and Part-Time Employment by Industry, 1969-2000 and 2001-2007

<http://stics.noaa.gov>

1.2 Authors of the Catalog entry

Percy A. Pacheco

Sarah A. O'Connor

1.3 Catalog revision date

June 7, 2010

1.4 Dataset names

REIS data aggregated by county: reis25_cnty6900

REIS data aggregated by state: reis25_st6900

REIS data aggregated by BEA region: reis25_reg6900 (by request)

REIS data aggregated by 50 miles distance from coastline: reis25_50miles6900

REIS data aggregated by caf regions: reis25_caf_regions6900 (by request)

REIS data aggregated by caf watersheds: reis25_caf_watersheds6900

REIS data aggregated by fema coastal flood hazard area: reis25_fema_cfha6900 (by request)

REIS data aggregated by fema special flood hazard area: reis25_fema_sfha6900

REIS data aggregated by hurricane prone areas: reis25_hurricane6900

REIS data aggregated by nep study areas: reis25_nep_stdyareas6900

REIS data aggregated by nep watersheds: reis25_nep_watersheds6900

REIS data aggregated by nerrs targets: reis25_nerrs_targets6900

REIS data aggregated by nerrs watersheds: reis25_nerrs_watersheds6900

REIS data aggregated by coastal zone boundaries: reis25_cz6900

REIS data aggregated by usgs 2-digit regions: reis25_usgs_regions6900 (by request)

REIS data aggregated by usgs 4-digit subregions: reis25_usgs_subregions6900 (by request)

REIS data aggregated by usgs 6-digit accounting units: reis25_usgs_accunits6900 (by request)

REIS data aggregated by usgs 8-digit hucs: reis25_usgs_hucs6900

REIS data aggregated by county: reis25_cnty0107
REIS data aggregated by state: reis25_st0107
REIS data aggregated by BEA region: reis25_reg0107 (by request)
REIS data aggregated by 50 miles distance from coastline: reis25_50miles0107
REIS data aggregated by caf regions: reis25_caf_regions0107 (by request)
REIS data aggregated by caf watersheds: reis25_caf_watersheds0107
REIS data aggregated by fema coastal flood hazard area: reis25_fema_cfha0107 (by request)
REIS data aggregated by fema special flood hazard area: reis25_fema_sfha0107
REIS data aggregated by hurricane prone areas: reis25_hurricane0107
REIS data aggregated by nep study areas: reis25_nep_stdyareas0107
REIS data aggregated by nep watersheds: reis25_nep_watersheds0107
REIS data aggregated by nerrs targets: reis25_nerrs_targets0107
REIS data aggregated by nerrs watersheds: reis25_nerrs_watersheds0107
REIS data aggregated by coastal zone boundaries: reis25_cz0107
REIS data aggregated by usgs 2-digit regions: reis25_usgs_regions0107 (by request)
REIS data aggregated by usgs 4-digit subregions: reis25_usgs_subregions0107 (by request)
REIS data aggregated by usgs 6-digit accounting units: reis25_usgs_accunits0107 (by request)
REIS data aggregated by usgs 8-digit hucs: reis25_usgs_hucs0107

1.5 Task Group

NOS/Special Projects – 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”.

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

The Total Full-Time and Part-Time Employment by Industry data (1969-2000 and 2001-2007) have been derived from County Level data from the Bureau of Economic Analysis. Employment consists of the number of wage and salary jobs, plus the number of sole proprietorships, and members of partnerships except limited partners. All data files are referenced to several jurisdictions in STICS.

3.2 Keywords for the Dataset

socioeconomic, economic, population, employment, full-time, part-time, industry, coastal economics

4. OBJECTIVES AND INTRODUCTION

4.1 Program Objective

Special Projects 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 complementary 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. Regional Economic Information System (REIS) data (1969-2000 and 2001-2007 Total Full-Time and Part-Time Employment by Industry) derived from County Level data from the Bureau of Economic Analysis (BEA) are provided in a format that facilitates comparisons across time and space.

4.3 Background Discussion

1969-2000 County Level Total Full-Time and Part-Time Employment by Industry data were provided by:

Regional Economic Information System (REIS) CD-ROM
RCN-0316
Bureau of Economic Analysis (BEA)
U.S. Department of Commerce
Washington, DC 20230
Telephone: 202-606-5360
Email: reis.remd@bea.doc.gov
Web Site: <http://www.bea.gov/>

4.4 Summary of Dataset Parameters

The U.S. Bureau of Economic Analysis provides data for a range of geographic types from the United States down to a County. A detailed description of BEA regional geography terminology can be obtained from the U.S. Bureau of Economic Analysis web site (<http://www.bea.gov/regional/index.htm>)

The common variables that are available for the 1969-2000^{1/} data aggregated by selected based management places, floodplains, and watersheds are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
REIS_010	Employment by type	Total full-time and part-time employment	Number of Jobs
REIS_020	Employment by type	Wage and Salary employment	Number of Jobs
REIS_040	Employment by type	Total proprietors employment	Number of Jobs
REIS_050	Employment by type, proprietors	Farm proprietors employment	Number of Jobs
REIS_060	Employment by type, proprietors	Nonfarm proprietors employment	Number of Jobs
REIS_070	Employment by industry	Farm employment	Number of Jobs
REIS_080	Employment by industry	Total Nonfarm employment	Number of Jobs
REIS_090	Employment by industry, Nonfarm employment	Private employment	Number of Jobs
REIS_100	Employment by industry, Nonfarm employment, Private employment	Agricultural Services, Forestry, fishing, and other	Number of Jobs
REIS_200	Employment by industry, Nonfarm employment, Private employment	Mining	Number of Jobs
REIS_300	Employment by industry, Nonfarm employment, Private employment	Construction	Number of Jobs
REIS_400	Employment by industry, Nonfarm employment, Private employment	Manufacturing	Number of Jobs
REIS_500	Employment by industry, Nonfarm employment, Private employment	Transportation and public utilities	Number of Jobs
REIS_610	Employment by industry, Nonfarm employment, Private employment	Wholesale trade	Number of Jobs
REIS_620	Employment by industry, Nonfarm employment, Private employment	Retail Trade	Number of Jobs
REIS_700	Employment by industry, Nonfarm employment, Private employment	Finance, insurance, and real estate	Number of Jobs
REIS_800	Employment by industry, Nonfarm employment, Private employment	Services	Number of Jobs
REIS_900	Employment by industry, Nonfarm employment	Government and government enterprises	Number of Jobs
REIS_910	Employment by industry, Nonfarm employment Government and government enterprises	Federal, civilian	Number of Jobs
REIS_920	Employment by industry, Nonfarm employment Government and government enterprises	Military	Number of Jobs
REIS_930	Employment by industry, Nonfarm employment Government and government enterprises	State and local	Number of Jobs

Footnotes:

1/ The estimates of earnings for 1969-74 are based on the 1967 Standard Industrial classification (SIC). The estimates for 1975-87 are based on the 1972 SIC. The estimates for 1988-2000 are based on the 1987 SIC.

2/ Census Bureau midyear population estimates. Estimates for 2000 reflect county population estimates available as of April 2008

3/ Contributions for government social insurance are included in earnings by type and industry but they are excluded from personal income.

4/ The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S.

5/ Rental income of persons includes the capital consumption adjustment.

6/ Proprietors' income includes the inventory valuation adjustment and capital consumption adjustment.

7/ Other consists of wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

The common variables that are available for the 2001-2007^{1/} data aggregated by selected based management places, floodplains, and watersheds are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
REIS_0010	Employment by type	Total employment	Number of jobs
REIS_0020	Employment by type	Wage and salary	Number of jobs
REIS_0040	Employment by type	Proprietors	Number of jobs
REIS_0050	Employment by type, proprietors	Farm proprietors	Number of jobs
REIS_0060	Employment by type, proprietors	Nonfarm proprietors 2/	Number of jobs
REIS_0070	Employment by industry	Farm	Number of jobs
REIS_0080	Employment by industry	Nonfarm	Number of jobs
REIS_0090	Employment by industry, nonfarm	Private	Number of jobs
REIS_0100	Employment by industry, nonfarm, private	Forestry, fishing, and Other 3/	Number of jobs
REIS_0200	Employment by industry, nonfarm, private	Mining	Number of jobs
REIS_0300	Employment by industry, nonfarm, private	Utilities	Number of jobs
REIS_0400	Employment by industry, nonfarm, private	Construction	Number of jobs
REIS_0500	Employment by industry, nonfarm, private	Manufacturing	Number of jobs
REIS_0600	Employment by industry, nonfarm, private	Wholesale Trade	Number of jobs
REIS_0700	Employment by industry, nonfarm, private	Retail Trade	Number of jobs
REIS_0800	Employment by industry, nonfarm, private	Transportation and warehousing	Number of jobs
REIS_0900	Employment by industry, nonfarm, private	Information	Number of jobs
REIS_1000	Employment by industry, nonfarm, private	Finance and insurance	Number of jobs
REIS_1100	Employment by industry, nonfarm, private	Real estate and rental and leasing	Number of jobs

REIS_1200	Employment by industry, nonfarm, private	Professional and Technical Services	Number of jobs
REIS_1300	Employment by industry, nonfarm, private	Mgmt. of comp. and enterprises	Number of jobs
REIS_1400	Employment by industry, nonfarm, private	Administrative and waste services	Number of jobs
REIS_1500	Employment by industry, nonfarm, private	Educational services	Number of jobs
REIS_1600	Employment by industry, nonfarm, private	Health care and social assistance	Number of jobs
REIS_1700	Employment by industry, nonfarm, private	Arts, entertainment, and recreation	Number of jobs
REIS_1800	Employment by industry, nonfarm, private	Accommodation and food services	Number of jobs
REIS_1900	Employment by industry, nonfarm, private	Other services, except pub. admin.	Number of jobs
REIS_2000	Earnings by industry, Nonfarm,	Government and Gov. Enterprises	Number of jobs
REIS_2001	Earnings by industry, Nonfarm, Government and gov. enterprises	Federal, Civilian	Number of jobs
REIS_2002	Earnings by industry, Nonfarm, Government and gov. enterprises	Military	Number of jobs
REIS_2010	Earnings by industry, Nonfarm, Government and gov. enterprises	State and Local	Number of jobs

Footnotes:

- 1/** The estimates of earnings for 1969-74 are based on the 1967 Standard Industrial classification (SIC). The estimates for 1975-87 are based on the 1972 SIC. The estimates for 1988-2000 are based on the 1987 SIC.
- 2/** Census Bureau midyear population estimates. Estimates for 2000 reflect county population estimates available as of April 2008
- 3/** Contributions for government social insurance are included in earnings by type and industry but they are excluded from personal income.
- 4/** The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S.
- 5/** Rental income of persons includes the capital consumption adjustment.
- 6/** Proprietors' income includes the inventory valuation adjustment and capital consumption adjustment.
- 7/** Other consists of wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

The variables that occur only within the data aggregated by county tables 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	
CTYCOAST	Coastal or Non-coastal County	Coastal or Non-Coastal County	

SQMI2000	Census 2000 FIPS Land Area	The FIPS County Land Area (Source: Census 2000)	Sqmi
ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation Code	
DIVISIONCD	Division Code	Census Division Code	
REGIONCD	Region Code	Census Region Code	

The variables that occur only within the data aggregated by state tables are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
ST_FIPS	State FIPS code	The two-digit Federal Information Processing Standard (FIPS) code for each state in the U.S.	
ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation code	
ST_NAME	State Name	State Name	
LANDSQMI	State Land Area	The FIPS State Land Area (Source CAF)	Sqmi
REGIONCD	Region Code	Census Region Code	
DIVISIONCD	Division Code	Census Division Code	

The variables that occur only within the data aggregated by NOAA's Coastal Watershed (estuarine and coastal drainage areas) tables are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
SPATLINK	Link Code to Geography	Link Code to Geography (EDASUBEDA + DR_CODE)	
EDASUBEDA	5-digit Watershed Code	A code assigned to each derived spatial area (e.g. EDA or CDA). Concatenated from the ECACDA attribute and SUBEDA attribute.	
DR_CODE	EDA/FDA Code	Drainage code indicating unique is in an Estuarine Drainage Area (EDA), Fluvial Drainage Area (FDA) or interior	
SUB_NAME	Watershed Name	For EDAs with component sub-major watershed drainages (subEDAs) defined (e.g. the Chesapeake Bay), a subEDA specific name.	
EDACODE	4-digit Major Watershed Code	A code assigned to each major watershed area (e.g., an Estuarine Drainage Area, Coastal Drainage Area, Fluvial Drainage Area, Interior Drainage Area, etc.)	
EDA_NAME	Major Watershed Name	A geographic name associated with each major watershed area. Names of EDAs come from NOAA's National Estuarine Inventory; names of CDAs are a combination of edacda code plus USGS cataloging unit name. Unique Names have corresponding EDACDA Codes.	

LANDSQMI	EDASUBEDA Land Area	EDASUBEDA Land Area (sqmi)	sqmi
WATRSQMI	EDASUBEDA Water Area	EDASUBEDA Water Area (sqmi)	sqmi
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)	

The variables that occur only within the data aggregated by USGS's 8-digit Hydrologic cataloging Units tables are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
HUC	8-Digit USGS Cataloging Unit Code	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 Code	8-Digit USGS Cataloging Unit Name	
REGIONUSGS	USGS Region Code	Water Resource Region Code (2 first digits of HUC)	
REG_NAME	USGS Region Name	Water Resource Region Name	
SUBREGION	USGS Sub-region Code	Sub-region Code (four first digits of HUC)	
ACC_UNIT	USGS Accounting Unit Code	Accounting Unit Code (six first digits of HUC)	
USGSSQMI	USGS Cataloging Unit Area	USGS Cataloging Unit Area in Square Miles	Sqmi

The variables that occur only within the data aggregated by State-Hurricane Prone Areas (areas vulnerable to hurricane-force winds) tables 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 mile buffer	Area within a 50 mile fixed-distance from the coastline in the State	sqmi

The variables that occur only within the data aggregated by coastal zone tables 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 mile buffer	Area within a 50 mile fixed-distance from the coastline in the State	sqmi

The variables that occur only within the data aggregated by the area within a 50 mile fixed-distance from the coastline tables 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 mile buffer	Area within a 50 mile fixed-distance from the coastline in the State	sqmi

The variables that occur only within the data aggregated by NERRS Large Estuary Watershed tables 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

The variables that occur only within the data aggregated by NERRS Target Watershed tables 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

The variables that occur only within the data aggregated by NEP Watersheds tables 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

The variables that occur only within the data aggregated by NEP Study Areas tables 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

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

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 annual county level 1969-2000 and 2001-2007 Regional Economic Information System (REIS) data (Total Full-time and Part-time Employment by Industry) were exported from the REIS CD-ROM as a dbase file and then imported into the Statistical Analysis System (SAS) software for further processing and analysis. Employment estimates are shown in the number of jobs.

The county level data records contained the following disclosure codes:

(N) = Data not available for this year

(L) = Less than 10 jobs, but the estimates for this item are included in the totals

(D) = Estimates not shown to avoid disclosure of confidential information

The code (N) was treated as missing data. The code (L) was converted to 5 jobs. For cases of code (D) which occurred for the sub-categories of Mining and Wholesale Trade in the major category "Private Employment", estimates were computed using the following algorithm:

Example: mining and wholesale trade data shown as (D)

$$M = (pe-soi) * [(m_st/(m_st + w_st))]$$

$$WT = (pe-soi) * [(w_st/(m_st + w_st))]$$

Where:

M = Mining employment estimates (number of jobs)

WT = Wholesale Trade employment estimates (number of jobs)

pe = Private employment data (number of jobs)

soi = Sum of all sub-categories (other than codes D) employment estimates (number of jobs)

m_st = Mining employment estimates in the State (number of jobs)

w_st = Wholesale Trade employment estimates in the State (number of jobs)

Ex. data: County=Autauga; State=Alabama; Year=1970: Employment (number of jobs)

Earnings by Place of Work/Nonfarm	Calhoun County	Alabama State
Private Earnings	4,839	1,031,691
Ag.Services, Forestry and Other	30	7,631
Mining	(D)	8,565

Construction	388	64,187
Manufacturing	1,607	331,748
Transportation and Public Utilities	194	62,211
Wholesale Trade	(D)	55,941
Retail Trade	877	184,694
Finance, Insurance, and Real Estate	182	59,167
Services	1,475	257,547

Applying the algorithm above:

$$A = \text{round} \{ (4,839 - 4,753) * [8,565 / (8,565 + 55,167)] \}$$

$$A = 11$$

$$M = \text{round} \{ (4,839 - 4,753) * [55,941 / (8,565 + 55,167)] \}$$

$$M = 75$$

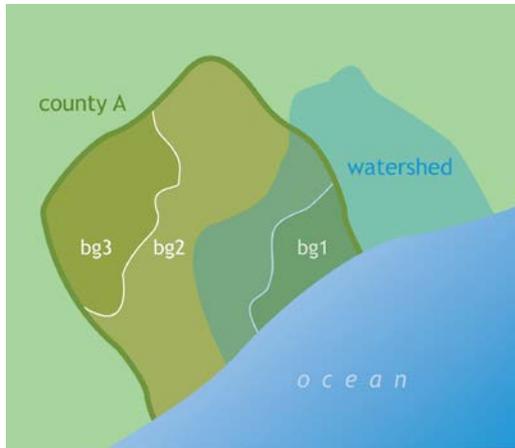
Same algorithm was used for the state level if a case of code (D) was found prior estimating county level data. In this case for the algorithm above, state values were used instead of the county values and US values instead of state values.

b) The REIS county level file contains data for FIPS with special definitions. FIPS in this project refers to the 2-digit state FIPS code plus the 3-digit county FIPS code. A complete description of the FIPS with special definitions is available in the [REIS detailed description](#) file.

c) Data from County FIPS were 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 areally prorated.

An example follows:



BEA Employment in County A: 1,000 jobs
 Population 2000 in County A: 600 persons

Block Group population in County A:

bg1: 200 persons
 bg2: 300 persons
 bg3: 100 persons

Block Group areas in Watershed:

bg1: 100% in watershed
 bg2: 40% in watershed
 bg3: 0% in watershed

BEA Employment (wp2010em) in Watershed is calculated as follows:

$$\begin{aligned} wp2010bg1 &= (200/600) * 1000 * (100/100) = 333.33 \\ wp2010bg2 &= (300/600) * 1000 * (40/100) = 200.00 \\ wp2010bg3 &= (100/600) * 1000 * (0/100) = 0.00 \end{aligned}$$

BEA Employment in Watershed = round (333.33 + 200.00 + 0.00) = 533 jobs

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

Data estimated for geographies of interest (ex. watershed) from the BEA data were compared against data estimated for the same geographies of interest when using Census 2000 estimates. The differences found were in the range of 2% difference.

9.3 Actual Measurement Quality

All of the data reported in these data files met the QA specifications.

10. DATA ACCESS

10.1 Data Access Procedures

Data can be downloaded from the web at <http://stics.noaa.gov/download/download2.html>

10.2 Data Access Restrictions

None

10.3 Data Access Contact Persons

Percy A. Pacheco, NOAA/NOS/MB/Special Projects
301-713-3000, Percy.Pacheco@noaa.gov

10.4 Dataset Format

ASCII (tab delimited) and SAS Export 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
N/A

11. REFERENCES

N/A

12. TABLE OF ACRONYMS

BEA	Bureau of Economic Analysis
CDA	Coastal Drainage Area
EDA	Estuarine Drainage Area
FIPS	Federal Information Processing Standard
FDA	Fluvial Drainage Area
HUC	USGS Hydrologic Cataloging Unit
MB	Management and Budget Office
NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Service
REIS	Regional Economic Information System
SAS	Statistical Analysis System (software)
SP	Special Projects
QA/QC	Quality Assurance/Quality Control
USGS	United States Geological Survey
USPS	United States Postal Service
WWW	World Wide Web

13. PERSONNEL INFORMATION

Percy A. Pacheco, Project Leader
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