Coastal Counties Ocean Economy
Northeast United States
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Prepared for:
Northeast Regional Ocean Council (NROC)

Prepared by:
Vinton Valentine
USM Geographic Information Systems (GIS)
University of Southern Maine
Gorham, ME 04038

1. **INTRODUCTION**

This data product depicts ocean economy data from the U.S. Census Bureau, NOAA Economics: National Ocean Watch, and National Ocean Economics Program by coastal county in the northeast United States, from Maine to New York.

Economics: National Ocean Watch (ENOW) database provides time-series data on the coastal and ocean economy from 2005 to 2013 derived from national accounts of the Bureau of Labor Statistics and the Bureau of Economic Analysis. ENOW's four economic indicators are the number of business establishments, number of people employed, wages paid to employees, and contribution to gross domestic product (GDP). The indicators describe six sectors: marine construction, living resources, offshore mineral extraction, ship & boat building, tourism & recreation, and marine transportation. Complementing ENOW, the Center for the Blue Economy produced data to highlight additional characteristics and roles of the ocean economy. For more information, users are encouraged to consult the Northeast Ocean Planning Baseline Assessment report.

2. **PURPOSE**

This data product was prepared for the Northeast Ocean Planning Baseline Assessment.

3. **SOURCES AND AUTHORITIES**
    - U.S. Census Bureau TIGER/Line® Shapefiles 2010 County Subdivisions
      http://www.census.gov/geo/maps-data/data/tiger-line.html
      http://www2.census.gov/geo/pdfs/maps-data/data/tiger/tgrshp2010/TGRSHP10SF1.pdf
    - NOAA Composite Shoreline
      http://shoreline.noaa.gov/data/datasheets/composite.html
    - NOAA Economics: National Ocean Watch (ENOW) 2005 -2013

- Charles Colgan, National Ocean Economics Program (NOEP), Center for the Blue Economy (CBE), Middlebury Institute of International Studies at Monterey http://oceaneconomics.org/Market/ocean/oceanEcon.asp

4. DATABASE DESIGN AND CONTENT

Native storage format: ArcGIS File Geodatabase – simple feature class

Data Dictionary:

Line	Name	Definition	Type	Size
1	OBJECTID	Uniquely identifies a feature	Object ID	*
2	Shape	Geometric representation of the feature	geometry	*
3	STATEFP10	2010 Census state Federal Information Processing Standards (FIPS) code	text	2
4	COUNTYFP10	2010 Census county Federal Information Processing Standards (FIPS) code	text	3
5	COUNTYNS10	2010 Census county ANSI code	text	8
6	GEOID10	County identifier; a concatenation of 2010 Census state Federal Information Processing Standards (FIPS) code and county FIPS code	text	5
7	NAME10	2010 Census county name	text	100
8	NAMELSAD10	2010 Census name and the translated legal/statistical area description code for county	text	100
9	LSAD10	2010 Census legal/statistical area description code for county	text	2
10	CLASSFP10	2010 Census Federal Information Processing Standards (FIPS) 55 class code	text	2
11	MTFCC10	MAF/TIGER feature class code (G4020)	text	5
12	CSAFP10	2010 Census combined statistical area code	text	3
13	CBSAFP10	2010 Census metropolitan statistical area/micropolitan statistical area code	text	5
14	METDIVFP10	2010 Census metropolitan division code	text	5
15	FUNCSTAT10	2010 Census functional status	text	1
16	ALAND10	2010 Census land area (square meters) before clipping to shoreline	double	*
17	AWATER10	2010 Census water area (square meters) before clipping to shoreline	double	*
18	INTPTLAT10	2010 Census latitude of the internal point	text	11
19	INTPTLON10	2010 Census longitude of the internal	text	12

		point		
20 - 387		There are a number of fields in this range that follow a particular naming pattern. Except for the specific fields immediately below, these five patterns (P1-P5) are described with examples in Section 8 Appendix. A table listing explicit field names, descriptions, and field properties is also in the appendix.		
24	county_name	County name	text	255
245	fips_st	Federal Information Processing Standard (FIPS) 2-digit state code	text	255
246	fips_cty	Federal Information Processing Standard (FIPS) 3-digit county code	text	255
247	fips	Federal Information Processing Standard (FIPS) 5-digit code concatenation of state and county	text	255
344	estabs_marinas12	Number of Marinas in 2012	long	*
345	Shape_Length	Measurement in spherical coordinates	double	*
346	Shape_Area	Measurement in spherical coordinates	double	*
347	GeoId	Federal Information Processing Standard (FIPS) 5-digit code concatenation of state and county	text	255
379	ctyst_title	County and State formal label	text	255
382	estabs_marinas13	Number of Marinas in 2013	long	*

See the appendix in Section 8 at the end of this document for a table containing the explicit listing of ocean economy fields for all indicators and sectors from 2005 to 2013, with descriptive examples.

Feature Class Name: CoastalCountiesOceanEconomy
Total Number of Unique Features: 35

5. **SPATIAL REPRESENTATION**
   Geometry Type: Polygon

   Reference System: Geographic Coordinate System
   Horizontal Datum: North American Datum 1983
   Ellipsoid: Geodetic Reference System 1980

   XY Resolution: 0.000000000000089 degree

XY Tolerance: 0.000000008983153 degree

Geographic extent: -73.98 to -66.95, 40.54 to 46.39

6. DATA PROCESSING

Processing environment: ArcGIS 10.2.2, Windows 7 Enterprise SP1, Intel Xeon E3-1270 V2 CPU

	Process Step Description
1	Downloaded TIGER/Line® shapefile 2010 of counties for United States and imported to file geodatabase.
2	Selected initial set of coastal counties using NOAA Coastal Zone Management Act boundary from ftp://ftp.csc.noaa.gov/pub/MSP/CoastalZoneManagementActBoundary.zip and exported to new feature class.
4	Downloaded NOAA Composite Shoreline, clipped to northeast ocean states, removed bridges and several man-made features (dikes, docks, etc.), and connected all shoreline segments, using F_Code = 200 for edits and additions.
5	Connected ends of the edited composite shoreline to create large polygon encompassing the northeast states.
6	Clipped coastal counties using the edited composite shoreline polygon to create new feature class of coastal counties with high resolution shoreline. NOTE: As a result, the ALAND10 and AWATER10 field values might not match with calculated polygon values.
7	National Ocean Economics Program prepared table of ocean economy data from NOAA ENOW 2005 -2013 sources for northeast ocean coastal counties and calculated additional variables.
8	Imported table of ocean economy data received from National Ocean Economics Program, joined table to coastal counties (using GEOID10 and fips fields), added Kennebec and Penobscot Counties in Maine, and exported to final feature class. NOTE: While the Baseline Assessment focused on 33 counties, the final feature class also contains geometry for Kennebec and Penobscot Counties, Maine to provide consistency with the coastal towns population and housing data products.
9	Checked feature class geometry and attribute records for missed joins and missing values, correcting as needed.
10	To permit display of pie chart symbols, copied to another feature class and converted Null values to 0 for select fields (all emp and gdp fields for 2013). NOTE: The copied feature class was for mapping purposes only and is not available in download.

7. QUALITY PROCESS

Attribute Accuracy: Original content was acquired from authoritative sources – no new testing was done to cross reference or confirm field or geometry values in TIGER/Line®

or NOAA GIS files. Spot checks and corrections were done on FIPS codes and names as part of data table join process. Attribute values from ocean economy table were spot-checked and corrected as necessary.

Logical Consistency: Tested through visual inspection of geometry and through inspection of attribute table.

Completeness: All known records acquired and visual inspection conducted at geographic extent of the data.

Positional Accuracy: Various with source materials. For details, refer to sections 2.5-2.8 of TIGER/Line® Shapefiles 2010 Technical Documentation and Scale and Accuracy sections of NOAA Composite Shoreline online description cited under Sources and Authorities.

Timeliness: Based on best available data as of Jan 29, 2016 for the time period from 2005 to 2013.

Use restrictions: Not for navigation.

8. **APPENDIX – Fields within 20-387 Range Following Naming Patterns**
    This section contains details for each ocean economy attribute for all indicators and sectors from 2005 to 2013. These fields follow a particular naming pattern. There are five patterns in this set of fields as described below.

    Note: Year is always represented as the 2-digit years 05-13 (from 2005-2013).

    Pattern 1. IndicatorSectorYear

Indicator	Sector
emp – employment	con – construction
est – establishments	lr – living resources
wages – wages	min – minerals
gdp – gross domestic product	shp – ship & boat building
	tr – tourism & recreation
	trn – transportation
	tot – total of all sectors

    Example: empcon05 = Employment Marine Construction 2005

    Pattern 2. IndicatorPeriodSectorYear

Indicator	Periods	Sectors
emp – employment	ann – annual average	lh – leisure & hospitality

estabs – establishments	q3 – third quarter or summer	tot – total for the indicator

Example: estabs05_ann_tot = Total Establishments Annual Average 2005

Pattern 3. SectorPeakIndicatorYear

Sector	Peak	Indicator
lh – leisure & hospitality	Ratio of third quarter or summer to annual average	emp – employment est – establishments

Example: lhpeakemp05 = Ratio of Q3 (Third Quarter or Summer) Leisure and Hospitality Employment to its Annual Average 2005

Pattern 4. IndicatorSectorPeakYear

Indicator	Sector	Peak
emp – employment	tr – tourism & recreation	Third quarter or summer

Example: emptrpeak05 = Summer Employment in Ocean Tourism & Recreation 2005

Pattern 5. OceanPctYear

Ocean Percent
ocean economy employment percentage of total county employment

Example: oceanpct05 = Ocean Economy Employment Percentage of Total County Employment 2005

Line	Name	Definition	Type	Size
20	empcon05	County Employment Marine Construction 2005	long	*
21	estcon05	County Establishments Marine Construction 2005	long	*
22	wagescon05	County Wages Marine Construction 2005	long	*
23	gdpcon05	County GDP Marine Construction 2005	long	*
25	emplr05	County Employment Marine Living Resources 2005	long	*
26	estlr05	County Establishments Marine Living Resources 2005	long	*
27	wageslr05	County Wages Marine Living Resources 2005	long	*

28	gdplr05	County GDP Marine Living Resources 2005	long	*
29	empmin05	County Employment Marine Minerals 2005	long	*
30	estmin05	County Establishments Marine Minerals 2005	long	*
31	wagesmin05	County Wages Marine Minerals 2005	long	*
32	gdpmin05	County GDP Marine Minerals 2005	long	*
33	empshp05	County Employment Marine Ship/Boat Building 2005	long	*
34	estshp05	County Establishments Marine Ship/Boat Building 2005	long	*
35	wagesshp05	County Wages Marine Ship/Boat Building 2005	long	*
36	gdpshp05	County GDP Marine Ship/Boat Building 2005	long	*
37	emptot05	County Employment Marine Ocean Economy Total 2005	long	*
38	esttot05	County Establishments Marine Ocean Economy Total 2005	long	*
39	wagestot05	County Wages Marine Ocean Economy Total 2005	long	*
40	gdptot05	County GDP Marine Ocean Economy Total 2005	long	*
41	emptr05	County Employment Marine Tourism Recreation 2005	long	*
42	esttr05	County Establishments Marine Tourism Recreation 2005	long	*
43	wagestr05	County Wages Marine Tourism Recreation 2005	long	*
44	gdptr05	County GDP Marine Tourism Recreation 2005	long	*
45	emptrn05	County Employment Marine Transportation 2005	long	*
46	esttrn05	County Establishments Marine Transportation 2005	long	*
47	wagestrn05	County Wages Marine Transportation 2005	long	*
48	gdptrn05	County GDP Marine Transportation 2005	long	*
49	empcon06	County Employment Marine Construction 2006	long	*
50	estcon06	County Establishments Marine Construction 2006	long	*

51	wagescon06	County Wages Marine Construction 2006	long	*
52	gdpcon06	County GDP Marine Construction 2006	long	*
53	emplr06	County Employment Marine Living Resources 2006	long	*
54	estlr06	County Establishments Marine Living Resources 2006	long	*
55	wageslr06	County Wages Marine Living Resources 2006	long	*
56	gdplr06	County GDP Marine Living Resources 2006	long	*
57	empmin06	County Employment Marine Minerals 2006	long	*
58	estmin06	County Establishments Marine Minerals 2006	long	*
59	wagesmin06	County Wages Marine Minerals 2006	long	*
60	gdpmin06	County GDP Marine Minerals 2006	long	*
61	empshp06	County Employment Marine Ship/Boat Building 2006	long	*
62	estshp06	County Establishments Marine Ship/Boat Building 2006	long	*
63	wagesshp06	County Wages Marine Ship/Boat Building 2006	long	*
64	gdpshp06	County GDP Marine Ship/Boat Building 2006	long	*
65	emptot06	County Employment Marine Ocean Economy Total 2006	long	*
66	esttot06	County Establishments Marine Ocean Economy Total 2006	long	*
67	wagestot06	County Wages Marine Ocean Economy Total 2006	long	*
68	gdptot06	County GDP Marine Ocean Economy Total 2006	long	*
69	emptr06	County Employment Marine Tourism Recreation 2006	long	*
70	esttr06	County Establishments Marine Tourism Recreation 2006	long	*
71	wagestr06	County Wages Marine Tourism Recreation 2006	long	*
72	gdptr06	County GDP Marine Tourism Recreation 2006	long	*
73	emptrn06	County Employment Marine Transportation 2006	long	*
74	esttrn06	County Establishments Marine	long	*

		Transportation 2006		
75	wagestrn06	County Wages Marine Transportation 2006	long	*
76	gdptrn06	County GDP Marine Transportation 2006	long	*
77	empcon07	County Employment Marine Construction 2007	long	*
78	estcon07	County Establishments Marine Construction 2007	long	*
79	wagescon07	County Wages Marine Construction 2007	long	*
80	gdpcon07	County GDP Marine Construction 2007	long	*
81	emplr07	County Employment Marine Living Resources 2007	long	*
82	estlr07	County Establishments Marine Living Resources 2007	long	*
83	wageslr07	County Wages Marine Living Resources 2007	long	*
84	gdplr07	County GDP Marine Living Resources 2007	long	*
85	empmin07	County Employment Marine Minerals 2007	long	*
86	estmin07	County Establishments Marine Minerals 2007	long	*
87	wagesmin07	County Wages Marine Minerals 2007	long	*
88	gdpmin07	County GDP Marine Minerals 2007	long	*
89	empshp07	County Employment Marine Ship/Boat Building 2007	long	*
90	estshp07	County Establishments Marine Ship/Boat Building 2007	long	*
91	wagesshp07	County Wages Marine Ship/Boat Building 2007	long	*
92	gdpshp07	County GDP Marine Ship/Boat Building 2007	long	*
93	emptot07	County Employment Marine Ocean Economy Total 2007	long	*
94	esttot07	County Establishments Marine Ocean Economy Total 2007	long	*
95	wagestot07	County Wages Marine Ocean Economy Total 2007	long	*
96	gdptot07	County GDP Marine Ocean Economy Total 2007	long	*
97	emptr07	County Employment Marine Tourism Recreation 2007	long	*

98	esttr07	County Establishments Marine Tourism Recreation 2007	long	*
99	wagestr07	County Wages Marine Tourism Recreation 2007	long	*
100	gdptr07	County GDP Marine Tourism Recreation 2007	long	*
101	emptrn07	County Employment Marine Transportation 2007	long	*
102	esttrn07	County Establishments Marine Transportation 2007	long	*
103	wagestrn07	County Wages Marine Transportation 2007	long	*
104	gdptrn07	County GDP Marine Transportation 2007	long	*
105	empcon08	County Employment Marine Construction 2008	long	*
106	estcon08	County Establishments Marine Construction 2008	long	*
107	wagescon08	County Wages Marine Construction 2008	long	*
108	gdpcon08	County GDP Marine Construction 2008	long	*
109	emplr08	County Employment Marine Living Resources 2008	long	*
110	estlr08	County Establishments Marine Living Resources 2008	long	*
111	wageslr08	County Wages Marine Living Resources 2008	long	*
112	gdplr08	County GDP Marine Living Resources 2008	long	*
113	empmin08	County Employment Marine Minerals 2008	long	*
114	estmin08	County Establishments Marine Minerals 2008	long	*
115	wagesmin08	County Wages Marine Minerals 2008	long	*
116	gdpmin08	County GDP Marine Minerals 2008	long	*
117	empshp08	County Employment Marine Ship/Boat Building 2008	long	*
118	estshp08	County Establishments Marine Ship/Boat Building 2008	long	*
119	wagesshp08	County Wages Marine Ship/Boat Building 2008	long	*
120	gdpshp08	County GDP Marine Ship/Boat Building 2008	long	*
121	emptot08	County Employment Marine Ocean Economy Total 2008	long	*

122	esttot08	County Establishments Marine Ocean Economy Total 2008	long	*
123	wagestot08	County Wages Marine Ocean Economy Total 2008	long	*
124	gdptot08	County GDP Marine Ocean Economy Total 2008	long	*
125	emptr08	County Employment Marine Tourism Recreation 2008	long	*
126	esttr08	County Establishments Marine Tourism Recreation 2008	long	*
127	wagestr08	County Wages Marine Tourism Recreation 2008	long	*
128	gdptr08	County GDP Marine Tourism Recreation 2008	long	*
129	emptrn08	County Employment Marine Transportation 2008	long	*
130	esttrn08	County Establishments Marine Transportation 2008	long	*
131	wagestrn08	County Wages Marine Transportation 2008	long	*
132	gdptrn08	County GDP Marine Transportation 2008	long	*
133	empcon09	County Employment Marine Construction 2009	long	*
134	estcon09	County Establishments Marine Construction 2009	long	*
135	wagescon09	County Wages Marine Construction 2009	long	*
136	gdpcon09	County GDP Marine Construction 2009	long	*
137	emplr09	County Employment Marine Living Resources 2009	long	*
138	estlr09	County Establishments Marine Living Resources 2009	long	*
139	wageslr09	County Wages Marine Living Resources 2009	long	*
140	gdplr09	County GDP Marine Living Resources 2009	long	*
141	empmin09	County Employment Marine Minerals 2009	long	*
142	estmin09	County Establishments Marine Minerals 2009	long	*
143	wagesmin09	County Wages Marine Minerals 2009	long	*
144	gdpmin09	County GDP Marine Minerals 2009	long	*
145	empshp09	County Employment Marine Ship/Boat Building 2009	long	*

146	estshp09	County Establishments Marine Ship/Boat Building 2009	long	*
147	wagesshp09	County Wages Marine Ship/Boat Building 2009	long	*
148	gdpshp09	County GDP Marine Ship/Boat Building 2009	long	*
149	emptot09	County Employment Marine Ocean Economy Total 2009	long	*
150	esttot09	County Establishments Marine Ocean Economy Total 2009	long	*
151	wagestot09	County Wages Marine Ocean Economy Total 2009	long	*
152	gdptot09	County GDP Marine Ocean Economy Total 2009	long	*
153	emptr09	County Employment Marine Tourism Recreation 2009	long	*
154	esttr09	County Establishments Marine Tourism Recreation 2009	long	*
155	wagestr09	County Wages Marine Tourism Recreation 2009	long	*
156	gdptr09	County GDP Marine Tourism Recreation 2009	long	*
157	emptrn09	County Employment Marine Transportation 2009	long	*
158	esttrn09	County Establishments Marine Transportation 2009	long	*
159	wagestrn09	County Wages Marine Transportation 2009	long	*
160	gdptrn09	County GDP Marine Transportation 2009	long	*
161	empcon10	County Employment Marine Construction 2010	long	*
162	estcon10	County Establishments Marine Construction 2010	long	*
163	wagescon10	County Wages Marine Construction 2010	long	*
164	gdpcon10	County GDP Marine Construction 2010	long	*
165	emplr10	County Employment Marine Living Resources 2010	long	*
166	estlr10	County Establishments Marine Living Resources 2010	long	*
167	wageslr10	County Wages Marine Living Resources 2010	long	*
168	gdplr10	County GDP Marine Living Resources 2010	long	*

169	empmin10	County Employment Marine Minerals 2010	long	*
170	estmin10	County Establishments Marine Minerals 2010	long	*
171	wagesmin10	County Wages Marine Minerals 2010	long	*
172	gdpmin10	County GDP Marine Minerals 2010	long	*
173	empshp10	County Employment Marine Ship/Boat Building 2010	long	*
174	estshp10	County Establishments Marine Ship/Boat Building 2010	long	*
175	wagesshp10	County Wages Marine Ship/Boat Building 2010	long	*
176	gdpshp10	County GDP Marine Ship/Boat Building 2010	long	*
177	emptot10	County Employment Marine Ocean Economy Total 2010	long	*
178	esttot10	County Establishments Marine Ocean Economy Total 2010	long	*
179	wagestot10	County Wages Marine Ocean Economy Total 2010	long	*
180	gdptot10	County GDP Marine Ocean Economy Total 2010	double	*
181	emptr10	County Employment Marine Tourism Recreation 2010	long	*
182	esttr10	County Establishments Marine Tourism Recreation 2010	long	*
183	wagestr10	County Wages Marine Tourism Recreation 2010	long	*
184	gdptr10	County GDP Marine Tourism Recreation 2010	long	*
185	emptrn10	County Employment Marine Transportation 2010	long	*
186	esttrn10	County Establishments Marine Transportation 2010	long	*
187	wagestrn10	County Wages Marine Transportation 2010	long	*
188	gdptrn10	County GDP Marine Transportation 2010	long	*
189	empcon11	County Employment Marine Construction 2011	long	*
190	estcon11	County Establishments Marine Construction 2011	long	*
191	wagescon11	County Wages Marine Construction 2011	long	*
192	gdpcon11	County GDP Marine Construction 2011	long	*

193	emplr11	County Employment Marine Living Resources 2011	long	*
194	estlr11	County Establishments Marine Living Resources 2011	long	*
195	wageslr11	County Wages Marine Living Resources 2011	long	*
196	gdplr11	County GDP Marine Living Resources 2011	long	*
197	empmin11	County Employment Marine Minerals 2011	long	*
198	estmin11	County Establishments Marine Minerals 2011	long	*
199	wagesmin11	County Wages Marine Minerals 2011	long	*
200	gdpmin11	County GDP Marine Minerals 2011	long	*
201	empshp11	County Employment Marine Ship/Boat Building 2011	long	*
202	estshp11	County Establishments Marine Ship/Boat Building 2011	long	*
203	wagesshp11	County Wages Marine Ship/Boat Building 2011	long	*
204	gdpshp11	County GDP Marine Ship/Boat Building 2011	long	*
205	emptot11	County Employment Marine Ocean Economy Total 2011	long	*
206	esttot11	County Establishments Marine Ocean Economy Total 2011	long	*
207	wagestot11	County Wages Marine Ocean Economy Total 2011	long	*
208	gdptot11	County GDP Marine Ocean Economy Total 2011	long	*
209	emptr11	County Employment Marine Tourism Recreation 2011	long	*
210	esttr11	County Establishments Marine Tourism Recreation 2011	long	*
211	wagestr11	County Wages Marine Tourism Recreation 2011	long	*
212	gdptr11	County GDP Marine Tourism Recreation 2011	long	*
213	emptrn11	County Employment Marine Transportation 2011	long	*
214	esttrn11	County Establishments Marine Transportation 2011	long	*
215	wagestrn11	County Wages Marine Transportation	long	*

		2011		
216	gdptrn11	County GDP Marine Transportation 2011	long	*
217	empcon12	County Employment Marine Construction 2012	long	*
218	estcon12	County Establishments Marine Construction 2012	long	*
219	wagescon12	County Wages Marine Construction 2012	long	*
220	gdpcon12	County GDP Marine Construction 2012	long	*
221	emplr12	County Employment Marine Living Resources 2012	long	*
222	estlr12	County Establishments Marine Living Resources 2012	long	*
223	wageslr12	County Wages Marine Living Resources 2012	long	*
224	gdplr12	County GDP Marine Living Resources 2012	long	*
225	empmin12	County Employment Marine Minerals 2012	long	*
226	estmin12	County Establishments Marine Minerals 2012	long	*
227	wagesmin12	County Wages Marine Minerals 2012	long	*
228	gdpmin12	County GDP Marine Minerals 2012	long	*
229	empshp12	County Employment Marine Ship/Boat Building 2012	long	*
230	estshp12	County Establishments Marine Ship/Boat Building 2012	long	*
231	wagesshp12	County Wages Marine Ship/Boat Building 2012	long	*
232	gdpshp12	County GDP Marine Ship/Boat Building 2012	long	*
233	emptot12	County Employment Marine Ocean Economy Total 2012	long	*
234	esttot12	County Establishments Marine Ocean Economy Total 2012	long	*
235	wagestot12	County Wages Marine Ocean Economy Total 2012	long	*
236	gdptot12	County GDP Marine Ocean Economy Total 2012	long	*
237	emptr12	County Employment Marine Tourism Recreation 2012	long	*
238	esttr12	County Establishments Marine Tourism Recreation 2012	long	*

239	wagestr12	County Wages Marine Tourism Recreation 2012	long	*
240	gdptr12	County GDP Marine Tourism Recreation 2012	long	*
241	emptrn12	County Employment Marine Transportation 2012	long	*
242	esttrn12	County Establishments Marine Transportation 2012	long	*
243	wagestrn12	County Wages Marine Transportation 2012	long	*
244	gdptrn12	County GDP Marine Transportation 2012	long	*
248	estabs05_ann_tot	Total County Establishments Annual Average 2005	long	*
249	emp05_ann_tot	Total County Employment Annual Average 2005	long	*
250	estabs05_q3_tot	Total County Establishments Q3 2005	long	*
251	emp05_q3_tot	Total County Employment Q3 2005	double	*
252	estabs05_ann_lh	Leisure/Hospitality County Establishments Annual Average 2005	long	*
253	emp05_ann_lh	Leisure/Hospitality County Employment Annual Average 2005	long	*
254	estabs05_q3_lh	Leisure/Hospitality County Establishments Q3 2005	long	*
255	emp05_q3_lh	Leisure/Hospitality County Employment Q3 2005	double	*
256	lhpeakemp05	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2005	double	*
257	lhpeakest05	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2005	double	*
258	estabs06_ann_tot	Total County Establishments Annual Average 2006	long	*
259	emp06_ann_tot	Total County Employment Annual Average 2006	long	*
260	estabs06_q3_tot	Total County Establishments Q3 2006	long	*
261	emp06_q3_tot	Total County Employment Q3 2006	double	*
262	estabs06_ann_lh	Leisure/Hospitality County Establishments Annual Average 2006	long	*
263	emp06_ann_lh	Leisure/Hospitality County Employment Annual Average 2006	long	*
264	estabs06_q3_lh	Leisure/Hospitality County Establishments Q3 2006	long	*

265	emp06_q3_lh	Leisure/Hospitality County Employment Q3 2006	double	*
266	lhpeakemp06	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2006	double	*
267	lhpeakest06	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2006	double	*
268	estabs07_ann_tot	Total County Establishments Annual Average 2007	long	*
269	emp07_ann_tot	Total County Employment Annual Average 2007	long	*
270	estabs07_q3_tot	Total County Establishments Q3 2007	long	*
271	emp07_q3_tot	Total County Employment Q3 2007	double	*
272	estabs07_ann_lh	Leisure/Hospitality County Establishments Annual Average 2007	long	*
273	emp07_ann_lh	Leisure/Hospitality County Employment Annual Average 2007	long	*
274	estabs07_q3_lh	Leisure/Hospitality County Establishments Q3 2007	long	*
275	emp07_q3_lh	Leisure/Hospitality County Employment Q3 2007	double	*
276	lhpeakemp07	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2007	double	*
277	lhpeakest07	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2007	double	*
278	estabs08_ann_tot	Total County Establishments Annual Average 2008	long	*
279	emp08_ann_tot	Total County Employment Annual Average 2008	long	*
280	estabs08_q3_tot	Total County Establishments Q3 2008	long	*
281	emp08_q3_tot	Total County Employment Q3 2008	double	*
282	estabs08_ann_lh	Leisure/Hospitality County Establishments Annual Average 2008	long	*
283	emp08_ann_lh	Leisure/Hospitality County Employment Annual Average 2008	long	*
284	estabs08_q3_lh	Leisure/Hospitality County Establishments Q3 2008	long	*
285	emp08_q3_lh	Leisure/Hospitality County Employment Q3 2008	double	*
286	lhpeakemp08	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2008	double	*
287	lhpeakest08	Ratio of Q3 Leisure and Hospitality	double	*

		Establishments to Its Annual Average 2008		
288	estabs09_ann_tot	Total County Establishments Annual Average 2009	long	*
289	emp09_ann_tot	Total County Employment Annual Average 2009	long	*
290	estabs09_q3_tot	Total County Establishments Q3 2009	long	*
291	emp09_q3_tot	Total County Employment Q3 2009	double	*
292	estabs09_ann_lh	Leisure/Hospitality County Establishments Annual Average 2009	long	*
293	emp09_ann_lh	Leisure/Hospitality County Employment Annual Average 2009	long	*
294	estabs09_q3_lh	Leisure/Hospitality County Establishments Q3 2009	long	*
295	emp09_q3_lh	Leisure/Hospitality County Employment Q3 2009	double	*
296	lhpeakemp09	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2009	double	*
297	lhpeakest09	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2009	double	*
298	estabs10_ann_tot	Total County Establishments Annual Average 2010	long	*
299	emp10_ann_tot	Total County Employment Annual Average 2010	long	*
300	estabs10_q3_tot	Total County Establishments Q3 2010	long	*
301	emp10_q3_tot	Total County Employment Q3 2010	double	*
302	estabs10_ann_lh	Leisure/Hospitality County Establishments Annual Average 2010	long	*
303	emp10_ann_lh	Leisure/Hospitality County Employment Annual Average 2010	long	*
304	estabs10_q3_lh	Leisure/Hospitality County Establishments Q3 2010	long	*
305	emp10_q3_lh	Leisure/Hospitality County Employment Q3 2010	double	*
306	lhpeakemp10	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2010	double	*
307	lhpeakest10	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2010	double	*
308	estabs11_ann_tot	Total County Establishments Annual Average 2011	long	*
309	emp11_ann_tot	Total County Employment Annual	long	*

		Average 2011		
310	estabs11_q3_tot	Total County Establishments Q3 2011	long	*
311	emp11_q3_tot	Total County Employment Q3 2011	double	*
312	estabs11_ann_lh	Leisure/Hospitality County Establishments Annual Average 2011	long	*
313	emp11_ann_lh	Leisure/Hospitality County Employment Annual Average 2011	long	*
314	estabs11_q3_lh	Leisure/Hospitality County Establishments Q3 2011	long	*
315	emp11_q3_lh	Leisure/Hospitality County Employment Q3 2011	double	*
316	lhpeakemp11	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2011	double	*
317	lhpeakest11	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2011	double	*
318	estabs12_ann_tot	Total County Establishments Annual Average 2012	long	*
319	emp12_ann_tot	Total County Employment Annual Average 2012	long	*
320	estabs12_q3_tot	Total County Establishments Q3 2012	long	*
321	emp12_q3_tot	Total County Employment Q3 2012	double	*
322	estabs12_ann_lh	Leisure/Hospitality County Establishments Annual Average 2012	long	*
323	emp12_ann_lh	Leisure/Hospitality County Employment Annual Average 2012	long	*
324	estabs12_q3_lh	Leisure/Hospitality County Establishments Q3 2012	long	*
325	emp12_q3_lh	Leisure/Hospitality County Employment Q3 2012	double	*
326	lhpeakemp12	Ratio of Q3 Leisure and Hospitality Employment to Its Annual Average 2012	double	*
327	lhpeakest12	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2012	double	*
328	emptrpeak05	Summer Employment in Ocean Tourism & Recreation 2005	double	*
329	emptrpeak06	Summer Employment in Ocean Tourism & Recreation 2006	double	*
330	emptrpeak07	Summer Employment in Ocean Tourism & Recreation 2007	double	*
331	emptrpeak08	Summer Employment in Ocean Tourism & Recreation 2008	double	*

332	emptrpeak09	Summer Employment in Ocean Tourism & Recreation 2009	double	*
333	emptrpeak10	Summer Employment in Ocean Tourism & Recreation 2010	double	*
334	emptrpeak11	Summer Employment in Ocean Tourism & Recreation 2011	double	*
335	emptrpeak12	Summer Employment in Ocean Tourism & Recreation 2012	double	*
336	oceanpct05	Ocean Economy Employment Percentage of Total County Employment 2005	double	*
337	oceanpct06	Ocean Economy Employment Percentage of Total County Employment 2006	double	*
338	oceanpct07	Ocean Economy Employment Percentage of Total County Employment 2007	double	*
339	oceanpct08	Ocean Economy Employment Percentage of Total County Employment 2008	double	*
340	oceanpct09	Ocean Economy Employment Percentage of Total County Employment 2009	double	*
341	oceanpct10	Ocean Economy Employment Percentage of Total County Employment 2010	double	*
342	oceanpct11	Ocean Economy Employment Percentage of Total County Employment 2011	double	*
343	oceanpct12	Ocean Economy Employment Percentage of Total County Employment 2012	double	*
348	estcon13	County Establishments Marine Construction 2013	long	*
349	empcon13	County Employment Marine Construction 2013	long	*
350	wagescon13	County Wages Marine Construction 2013	long	*
351	gdpcon13	County GDP Marine Construction 2013	long	*
352	estlr13	County Establishments Marine Living Resources 2013	long	*
353	emplr13	County Employment Marine Living Resources 2013	long	*
354	wageslr13	County Wages Marine Living Resources 2013	long	*
355	gdplr13	County GDP Marine Living Resources 2013	long	*
356	estmin13	County Establishments Marine Minerals 2013	long	*
357	empmin13	County Employment Marine Minerals 2013	long	*
358	wagesmin13	County Wages Marine Minerals 2013	long	*

359	gdpmin13	County GDP Marine Minerals 2013	long	*
360	estshp13	County Establishments Marine Ship/Boat Building 2013	long	*
361	empshp13	County Employment Marine Ship/Boat Building 2013	long	*
362	wagesshp13	County Wages Marine Ship/Boat Building 2013	long	*
363	gdpshp13	County GDP Marine Ship/Boat Building 2013	long	*
364	esttr13	County Establishments Marine Tourism Recreation 2013	long	*
365	emptr13	County Employment Marine Tourism Recreation 2013	long	*
366	wagestr13	County Wages Marine Tourism Recreation 2013	long	*
367	gdptr13	County GDP Marine Tourism Recreation 2013	long	*
368	esttrn13	County Establishments Marine Transportation 2013	long	*
369	emptrn13	County Employment Marine Transportation 2013	long	*
370	wagestrn13	County Wages Marine Transportation 2013	long	*
371	gdptrn13	County GDP Marine Transportation 2013	long	*
372	esttot13	County Establishments Marine Ocean Economy Total 2013	long	*
373	emptot13	County Employment Marine Ocean Economy Total 2013	long	*
374	wagestot13	County Wages Marine Ocean Economy Total 2013	long	*
375	gdptot13	County GDP Marine Ocean Economy Total 2013	long	*
376	emp13_ann_tot	Total County Employment Annual Average 2013	long	*
377	emp13_ann_lh	Leisure/Hospitality County Employment Annual Average 2013	long	*
378	estabs13_ann_lh	Leisure/Hospitality County Establishments Annual Average 2013	long	*
380	emp13_q3_lh	Leisure/Hospitality County Employment Q3 2013	double	*
381	estabs13_q3_lh	Leisure/Hospitality County Establishments Q3 2013	long	*
383	lhpeakemp13	Ratio of Q3 Leisure and Hospitality	double	*

		Employment to Its Annual Average 2013		
384	lhpeakest13	Ratio of Q3 Leisure and Hospitality Establishments to Its Annual Average 2013	double	*
385	oceanpct13	Ocean Economy Employment Percentage of Total County Employment 2013	double	*
386	emptrpeak13	Summer Employment in Ocean Tourism & Recreation 2013	double	*
387	esttrpeak13	Summer Establishments in Ocean Tourism & Recreation 2013	double	*