OCS EIS/EA
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Gulf of Mexico OCS Oil and Gas Lease Sales: 2003-2007

Central Planning Area Sales 185, 190, 194, 198, and 201
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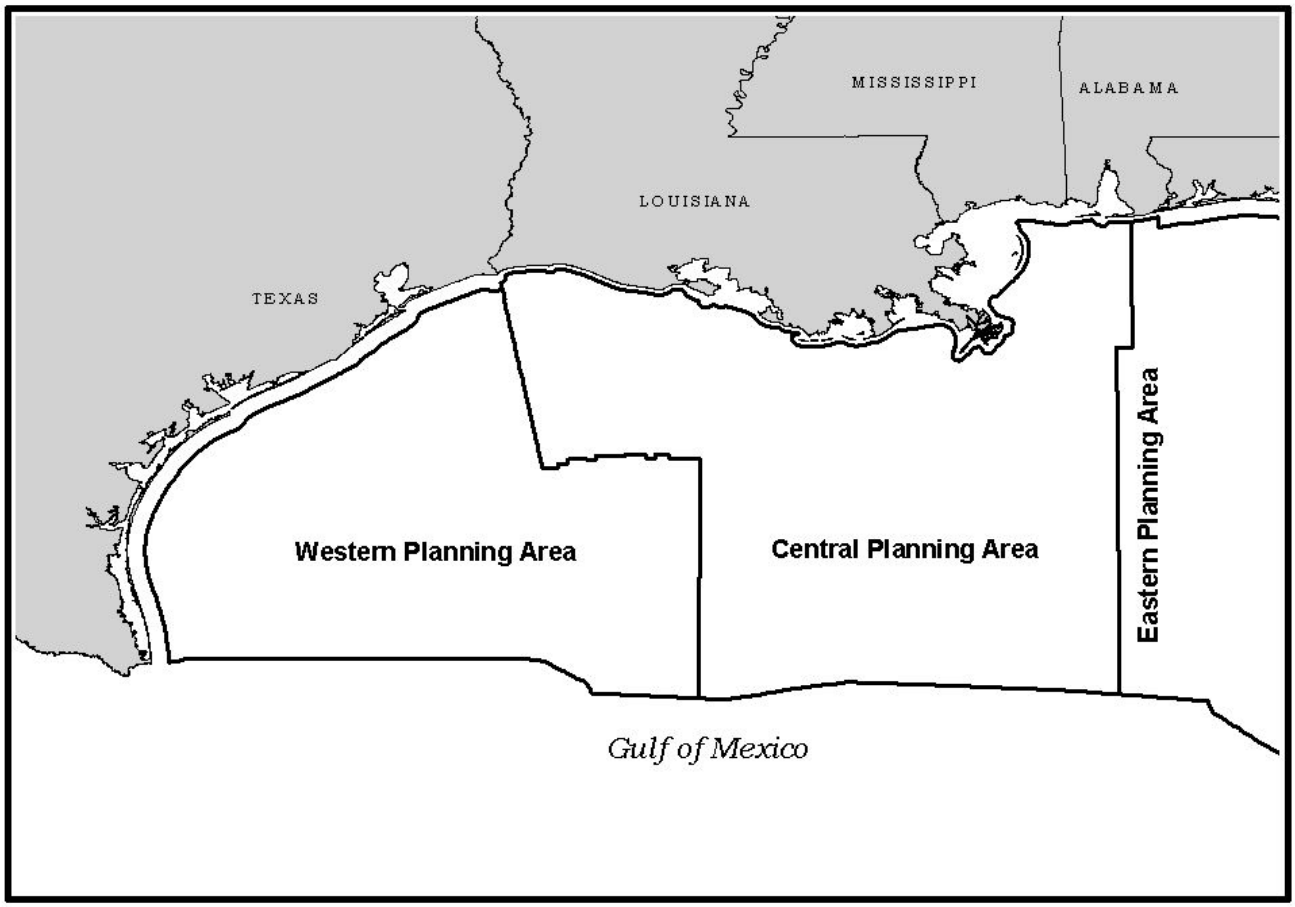
Final Environmental Impact Statement

Volume II: Figures and Tables



U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

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Author

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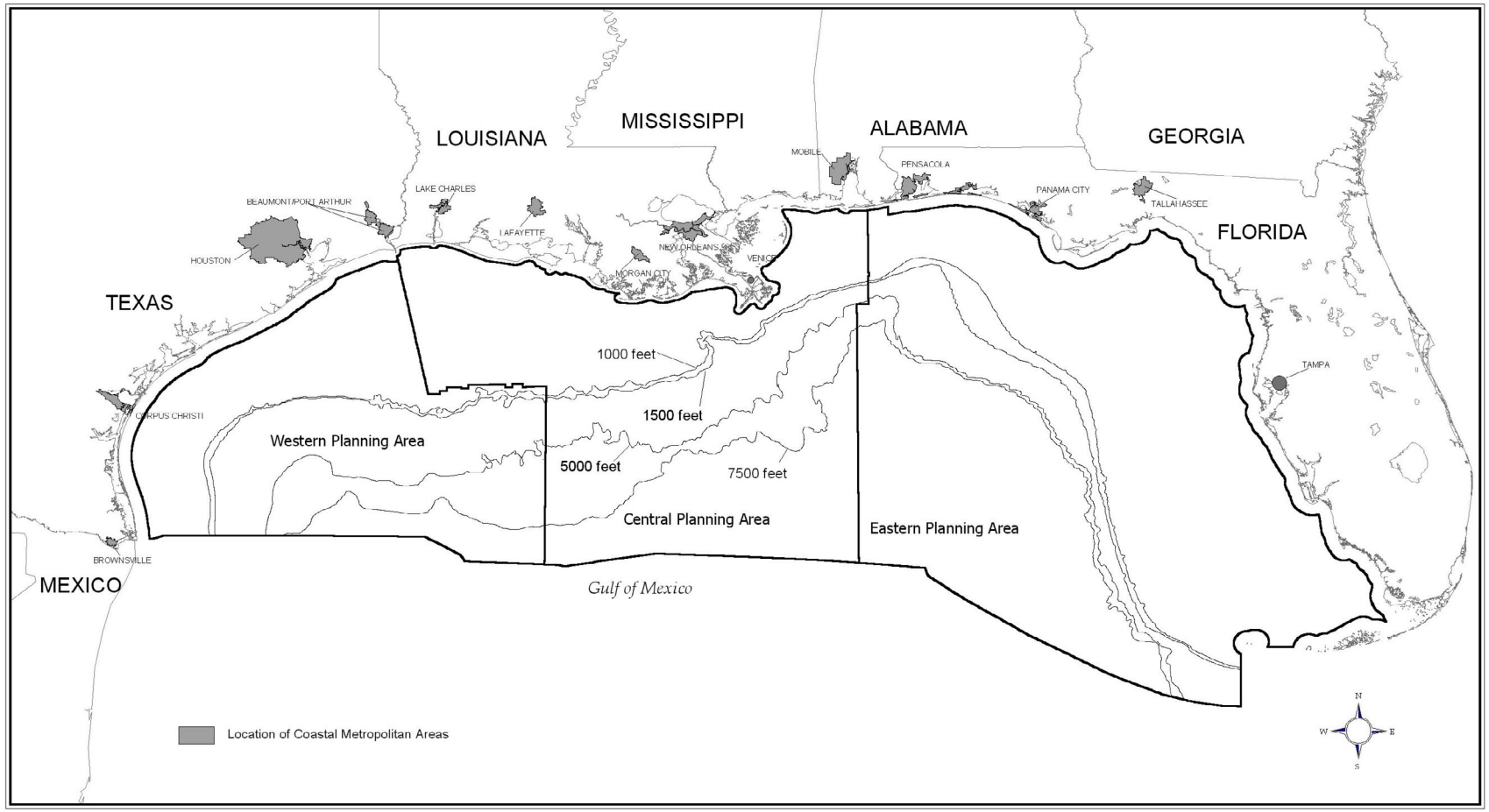


Figure 1-1. Gulf of Mexico Outer Continental Shelf Planning Areas and Locations of Major Cities.

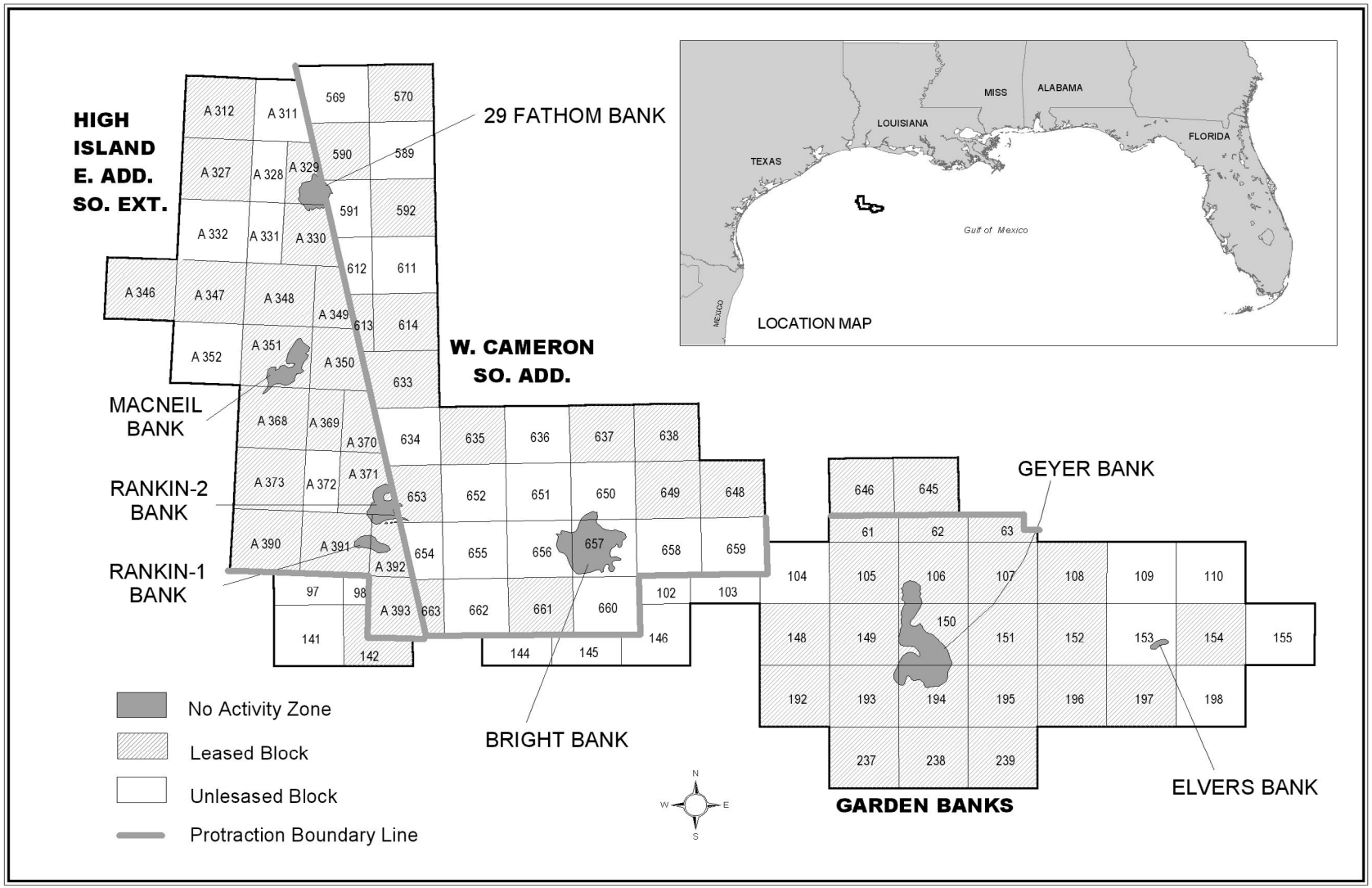
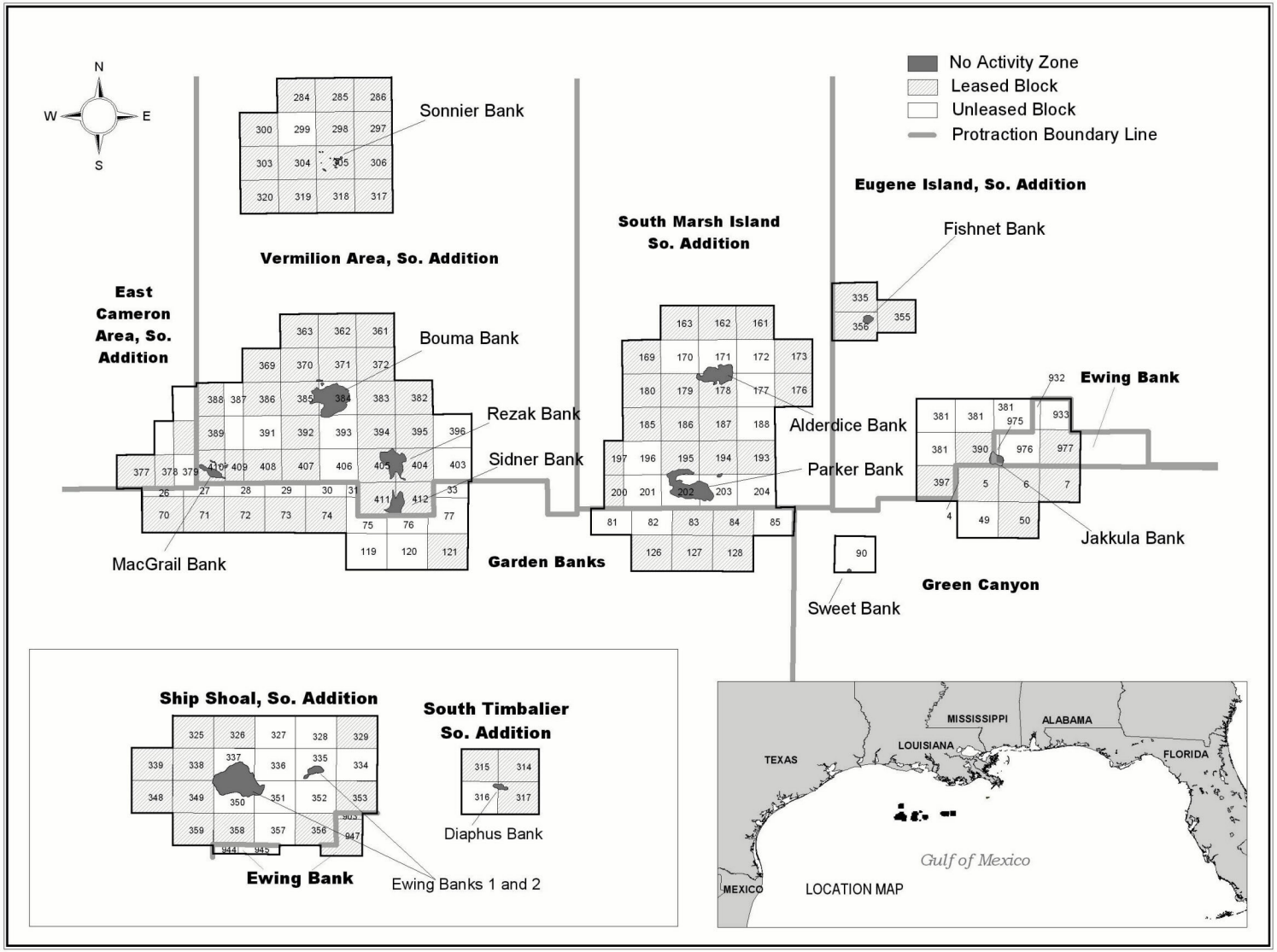


Figure 2-1. Central and Western Gulf of Mexico Multisale EIS.Location and Lease Status of Blocks Affected by Alternative B - The Proposed Actions Excluding the Unleased Blocks Near the Biologically Sensitive Topographic Features (West Louisiana and East Texas).



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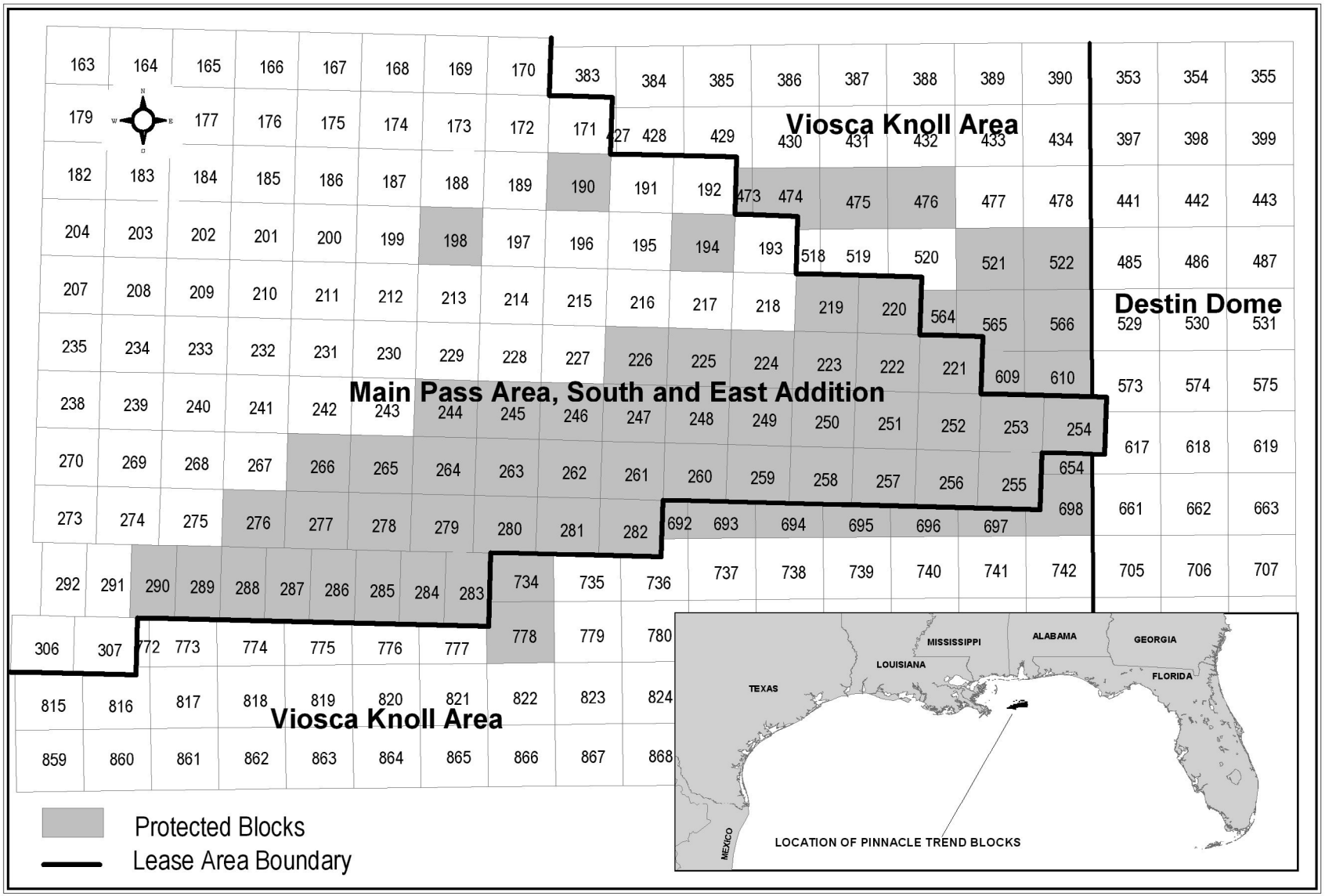

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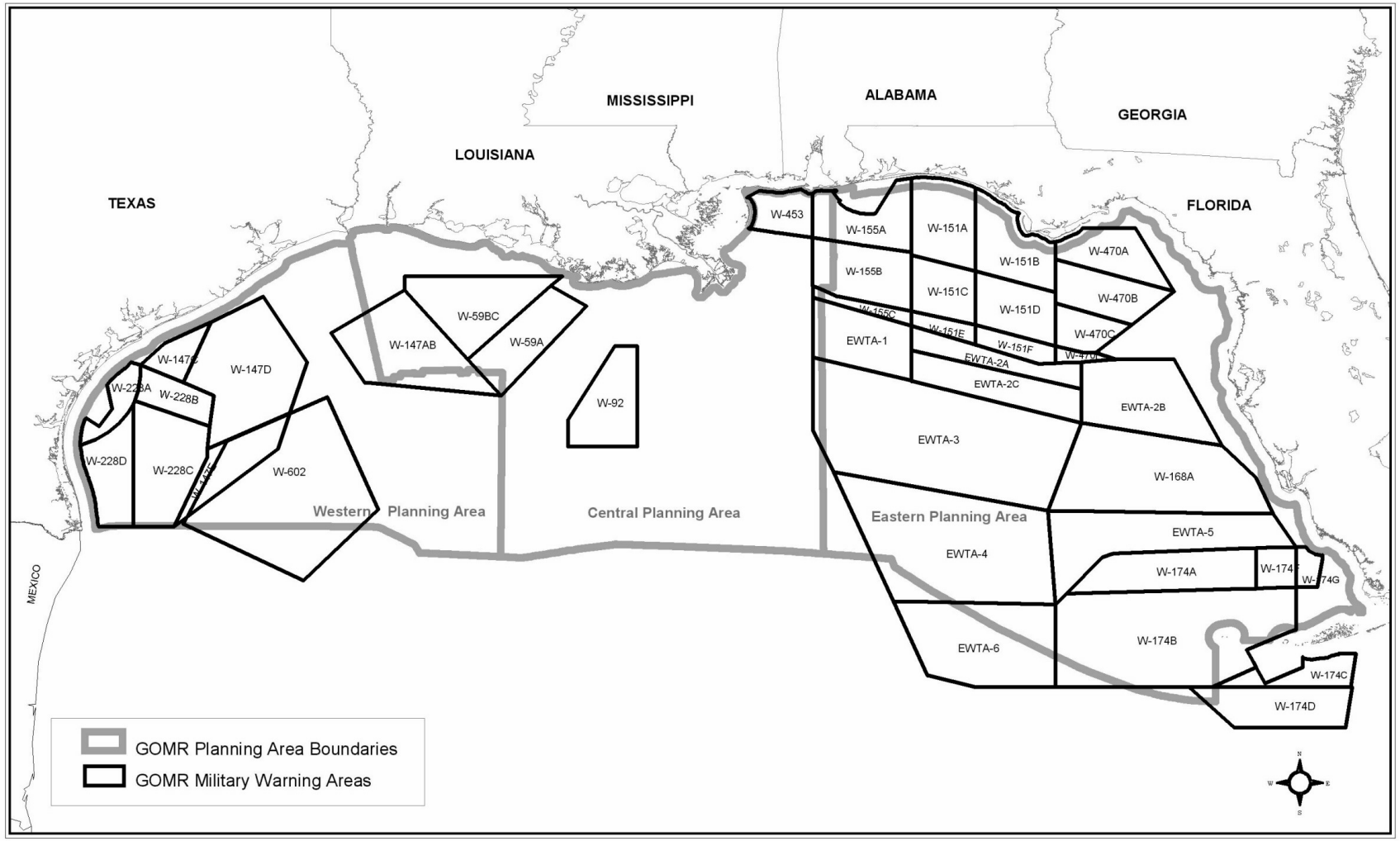

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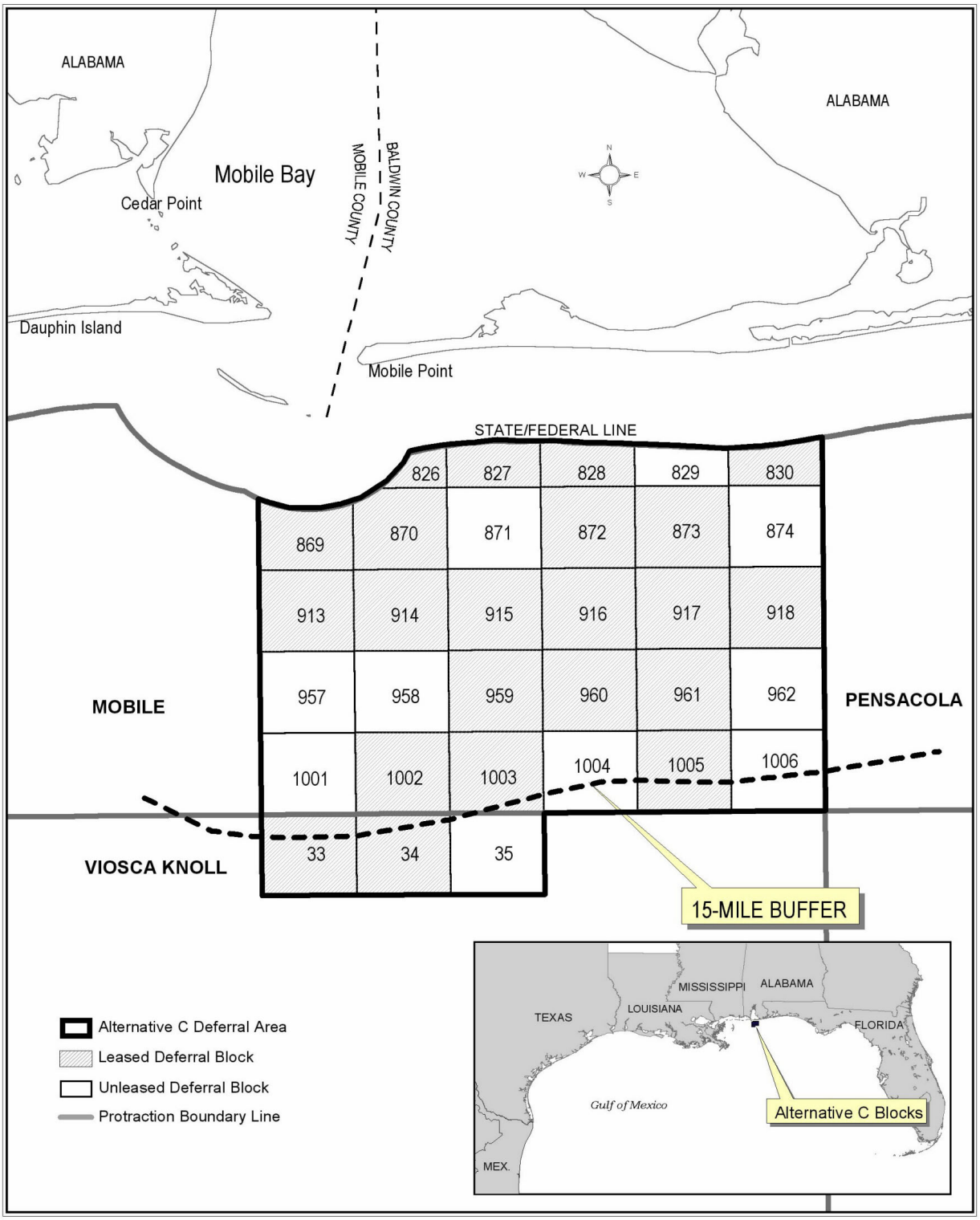

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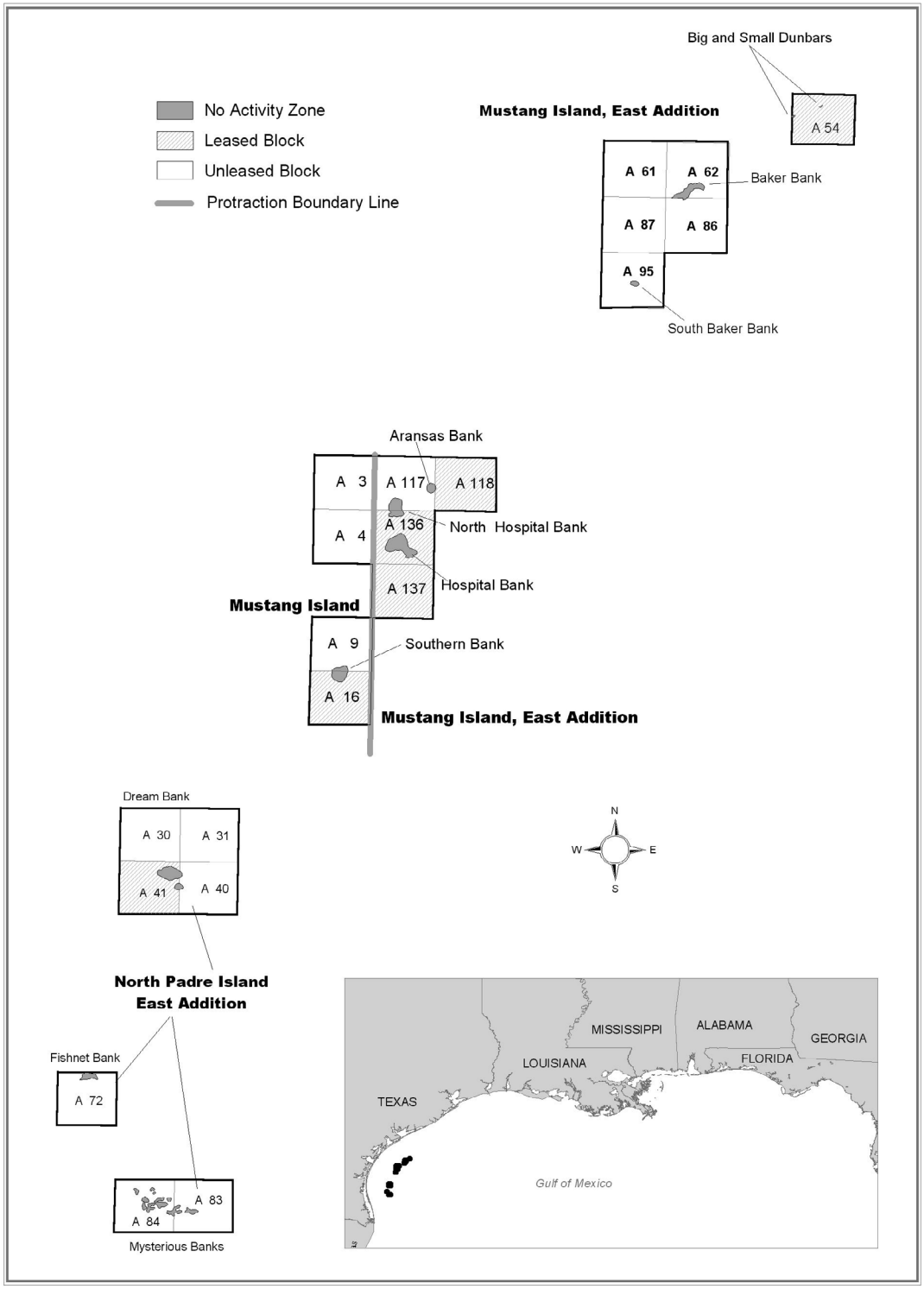

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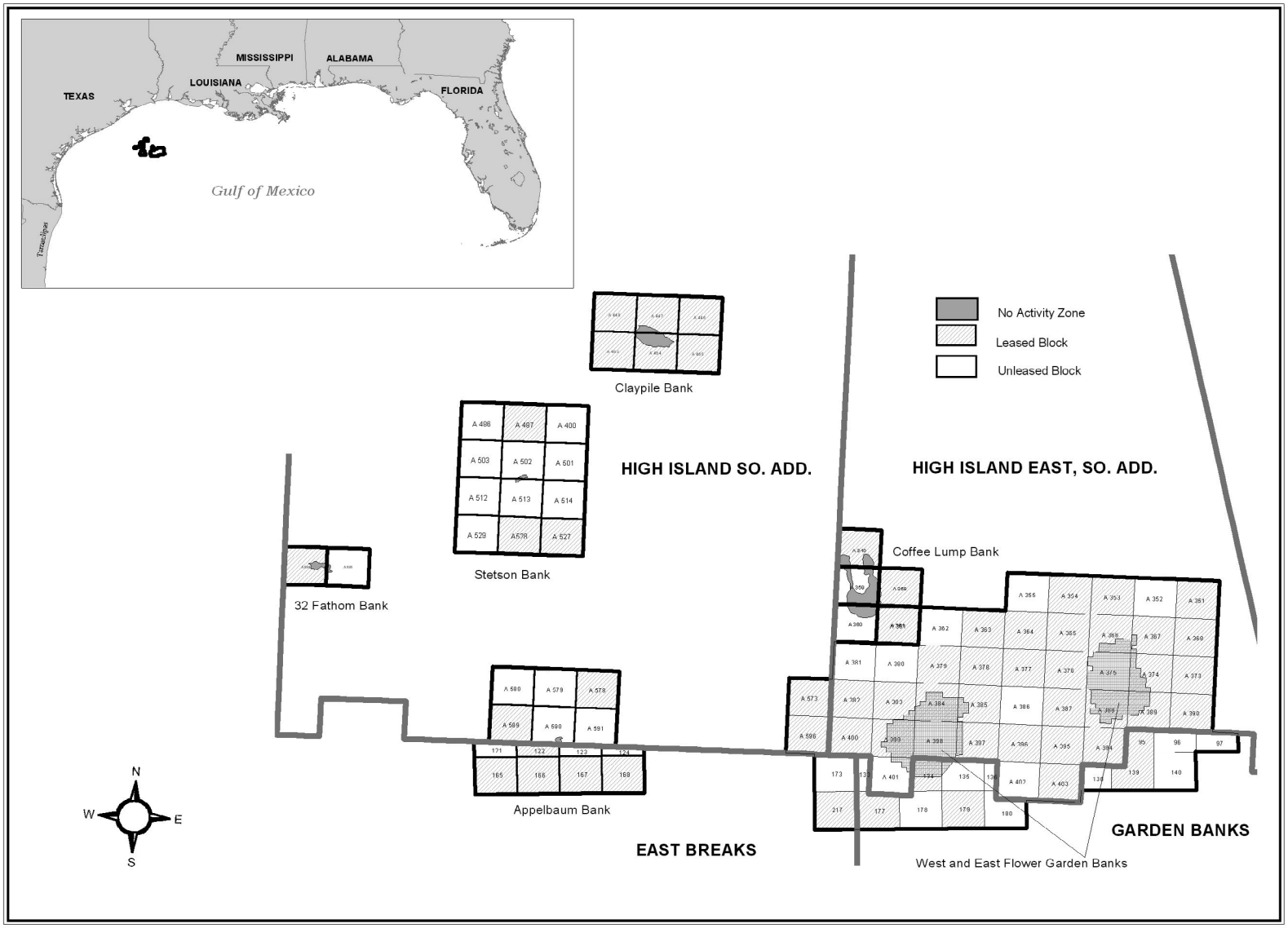

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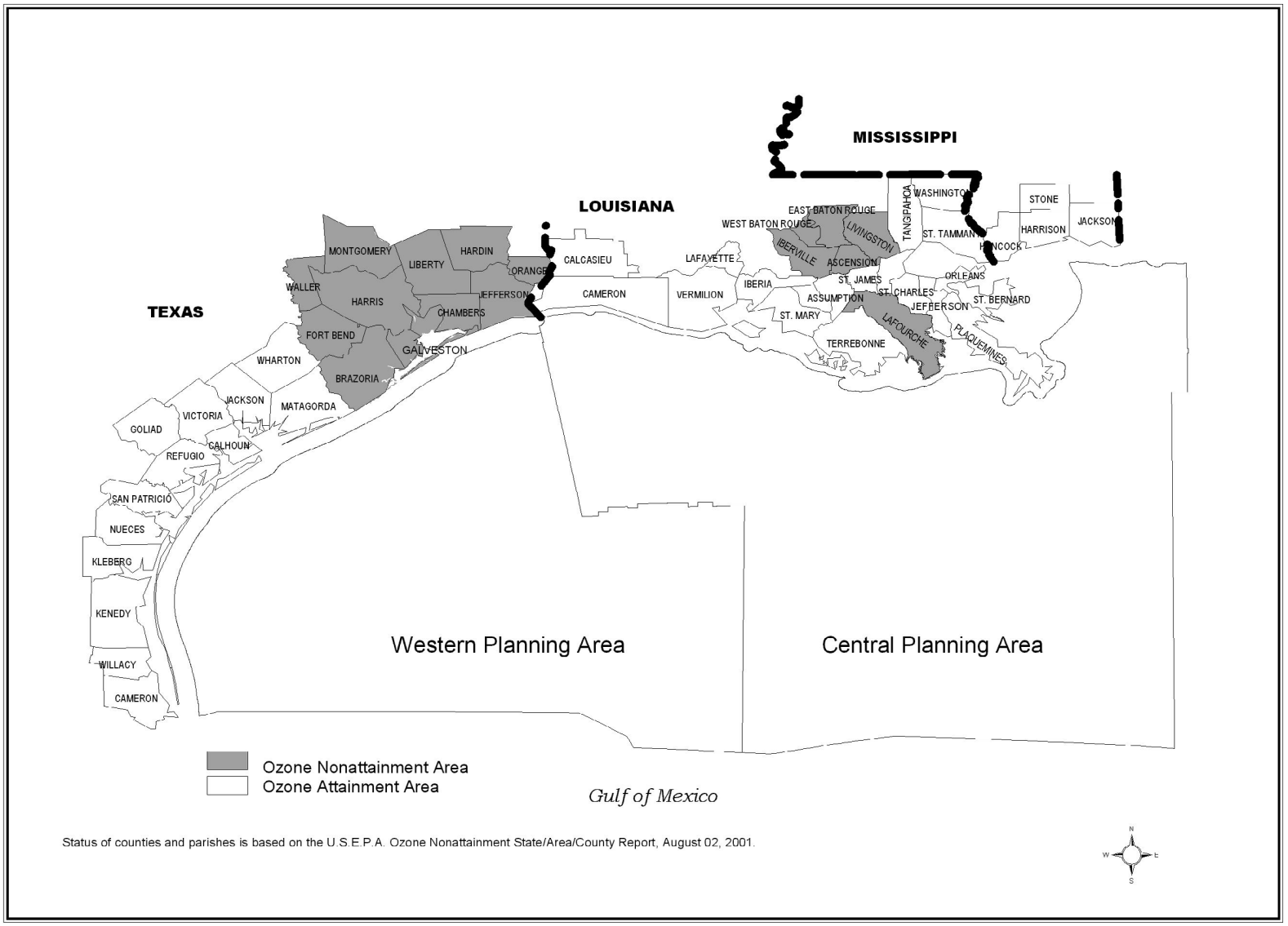

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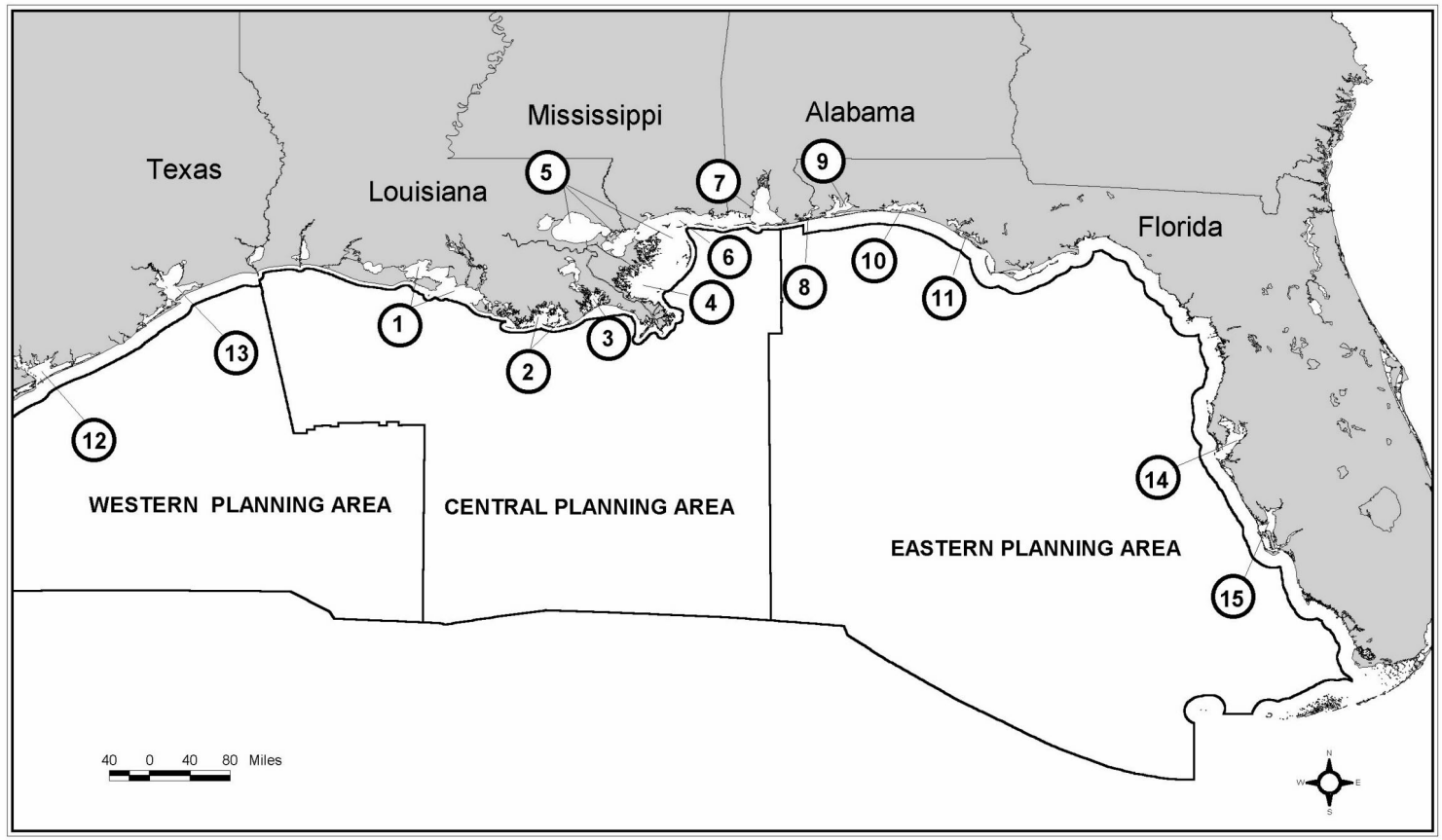

1	Atchafalaya/Vermilion Bays	5	Lakes Pontchartrain/Borgne and Chandeleur Sound	9	Pensacola Bay	13	Galveston Bay
2	Terrebonne/Timbalier Bays	6	Mississippi Sound	10	Choctawhatchee Bay	14	Tampa Bay
3	Barataria Bay	7	Mobile Bay	11	St. Andrew Bay	15	Florida Bay
4	Breton Sound	8	Perdido Bay	12	Corpus Christi Bay		

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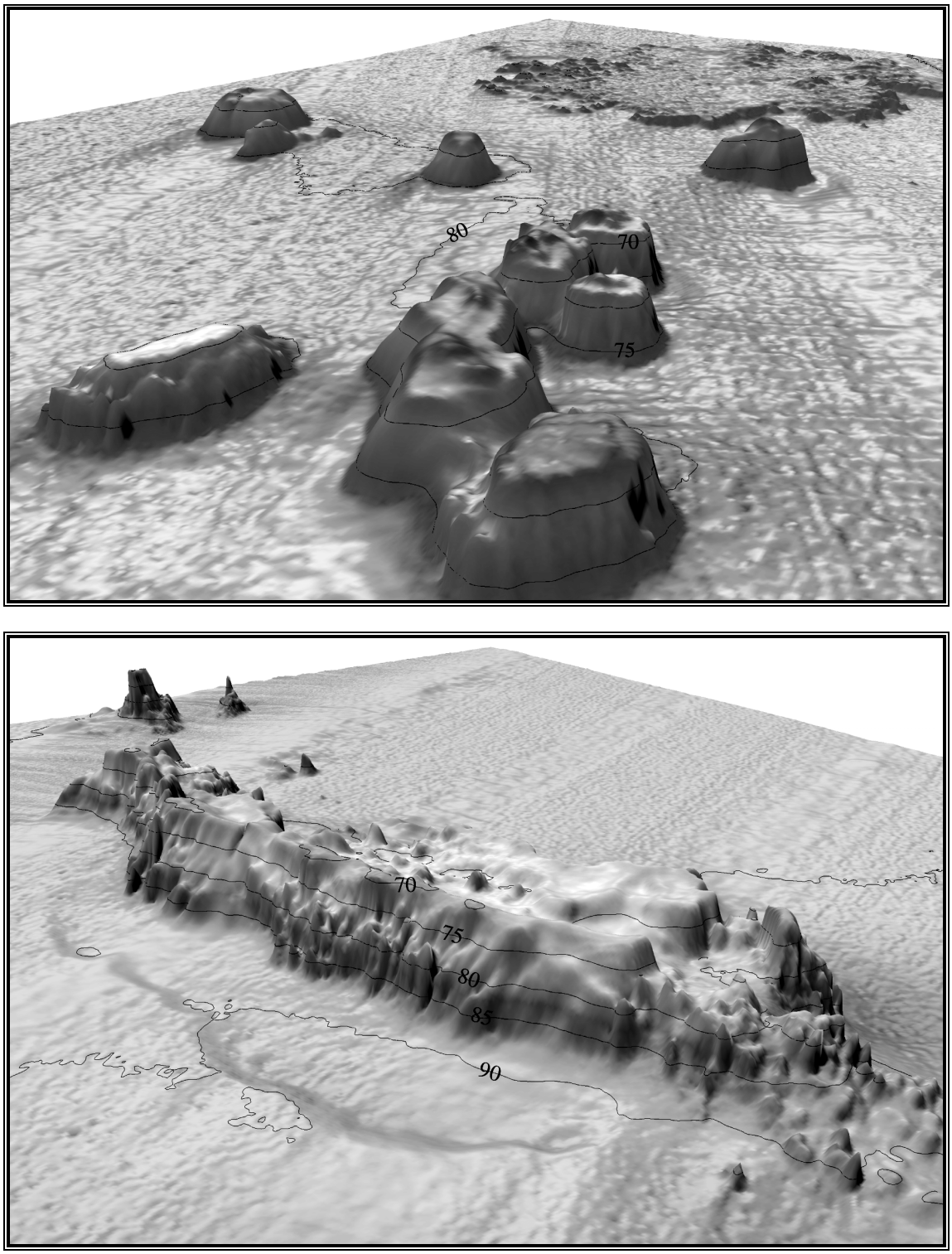

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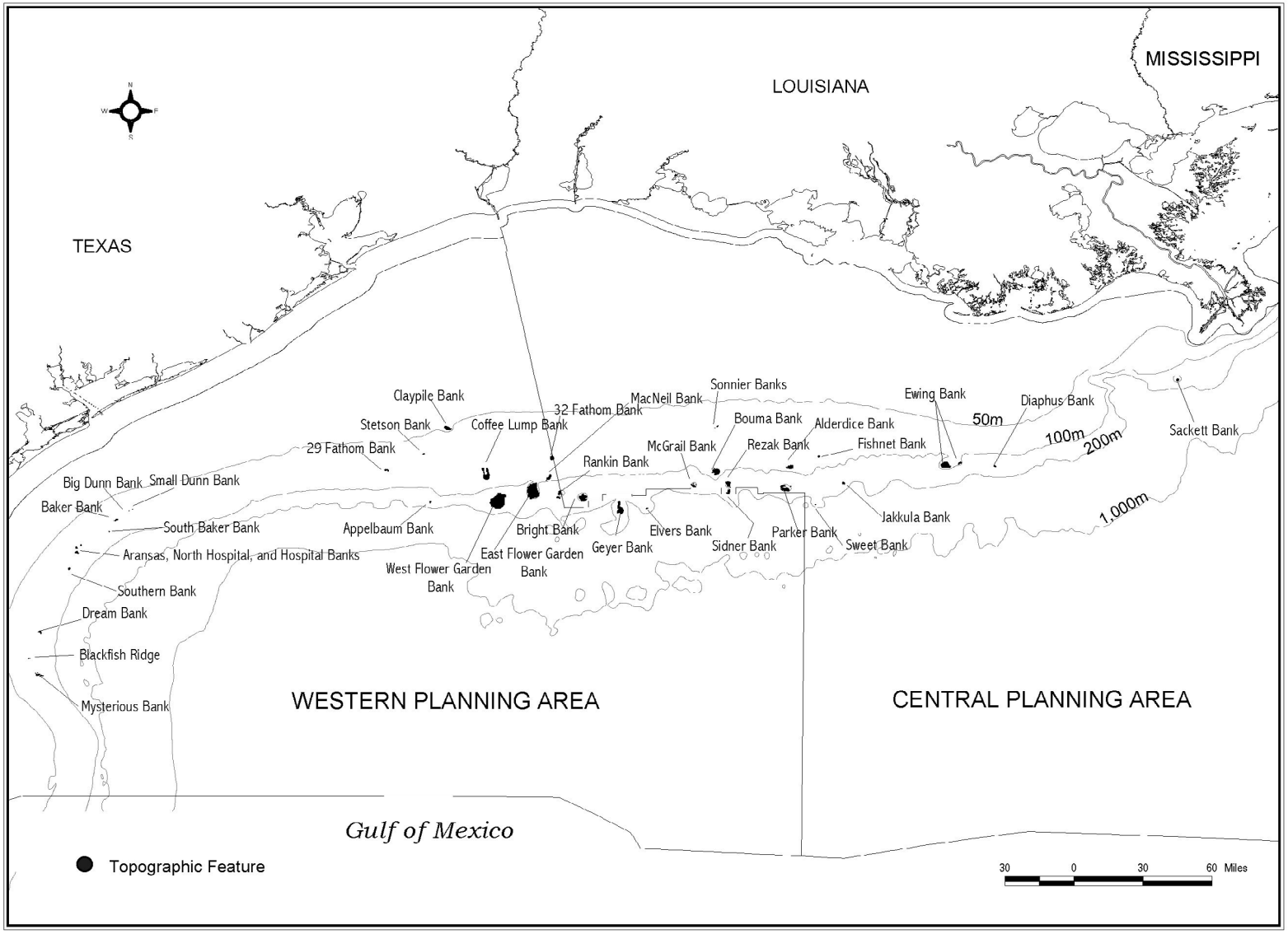

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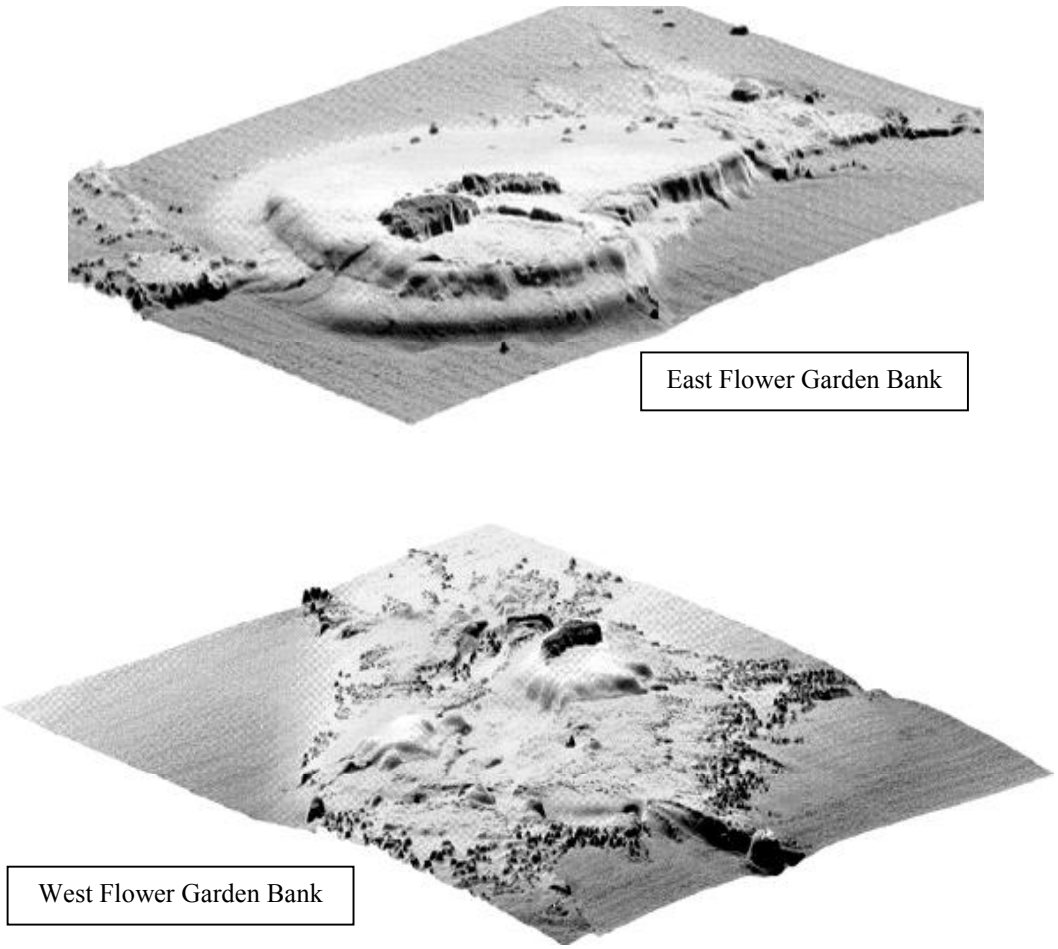

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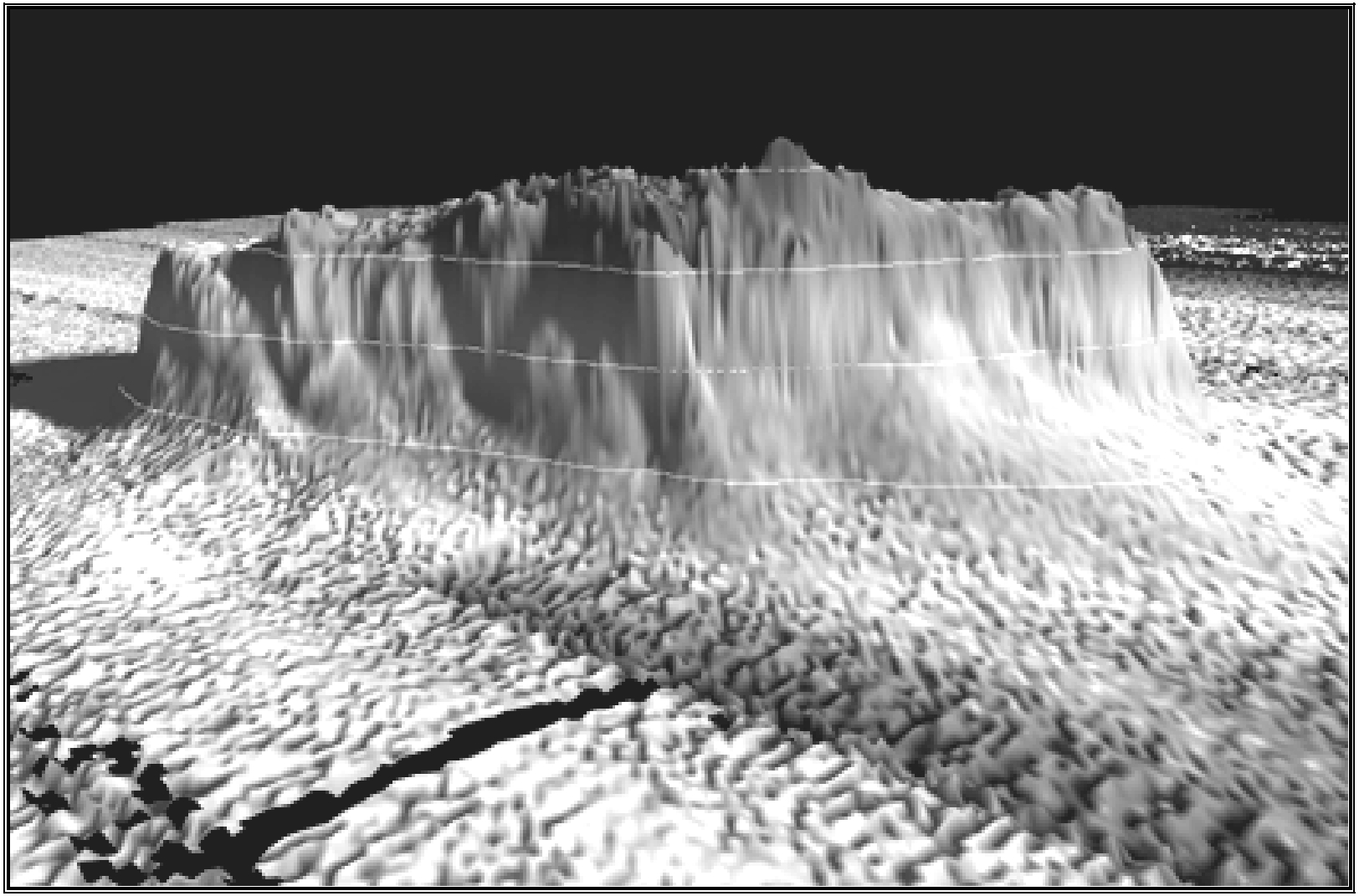

Figure 3-6. Multibeam Bathymetric Topographic Image of Stetson Bank Showing the Vertical Orientation of this Midshelf Topographic Formation (Gardner, 2000).

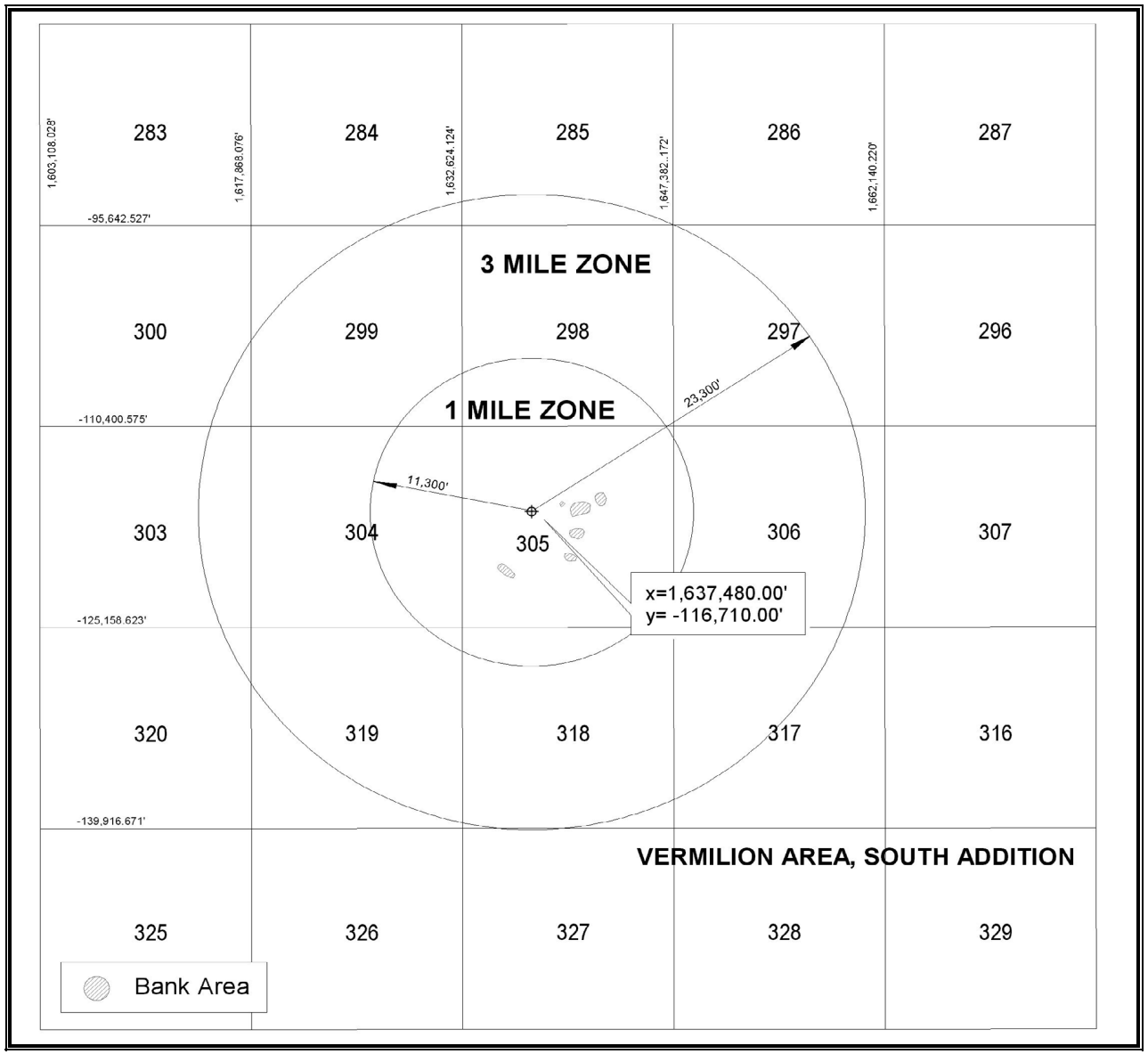

Figure 3-7. Sonnier Bank and Protective Zones as Proposed by the Proposed Topographic Features Stipulation.

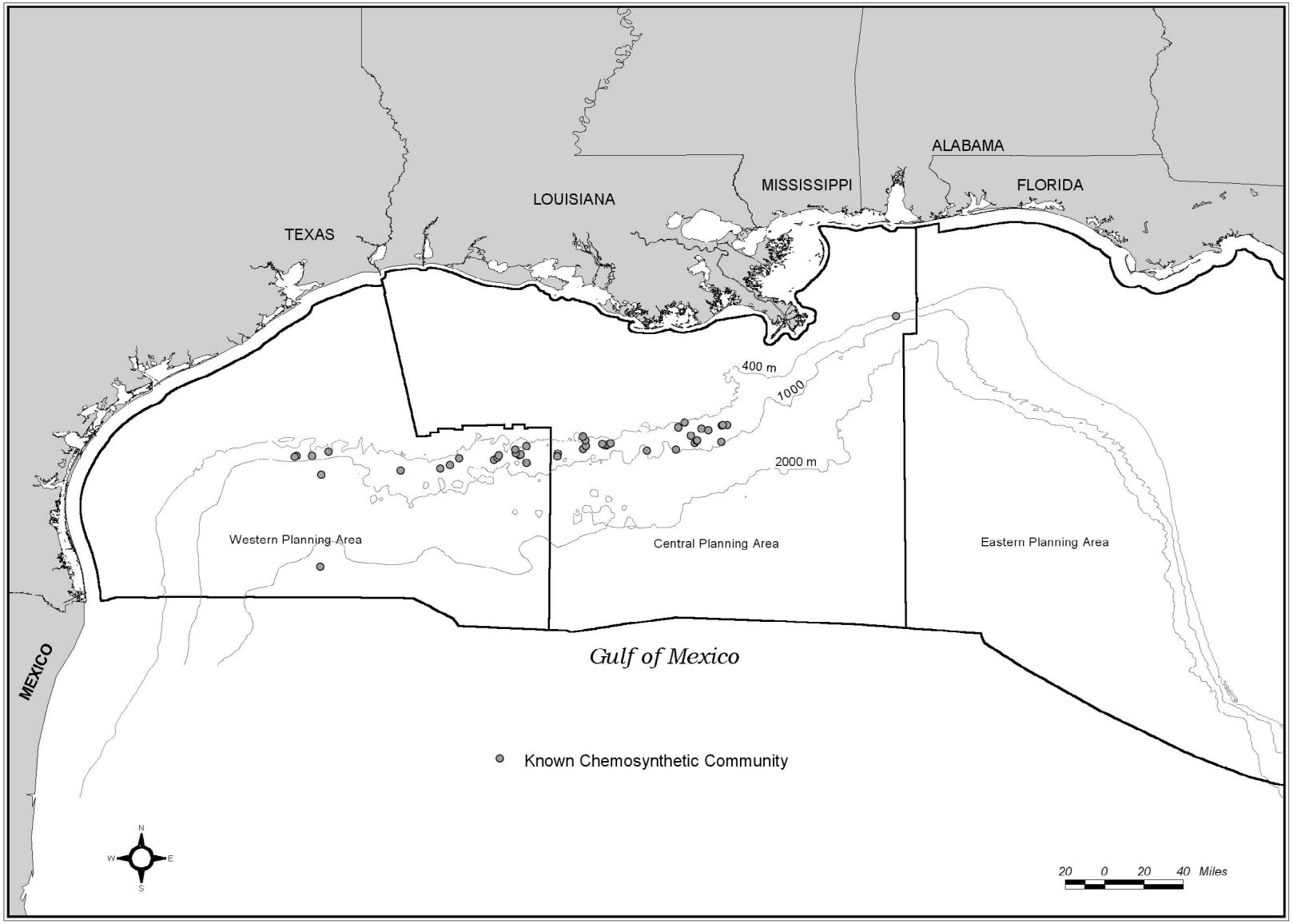

Figure 3-8. Location of Known Chemosynthetic Communities in the Gulf of Mexico.

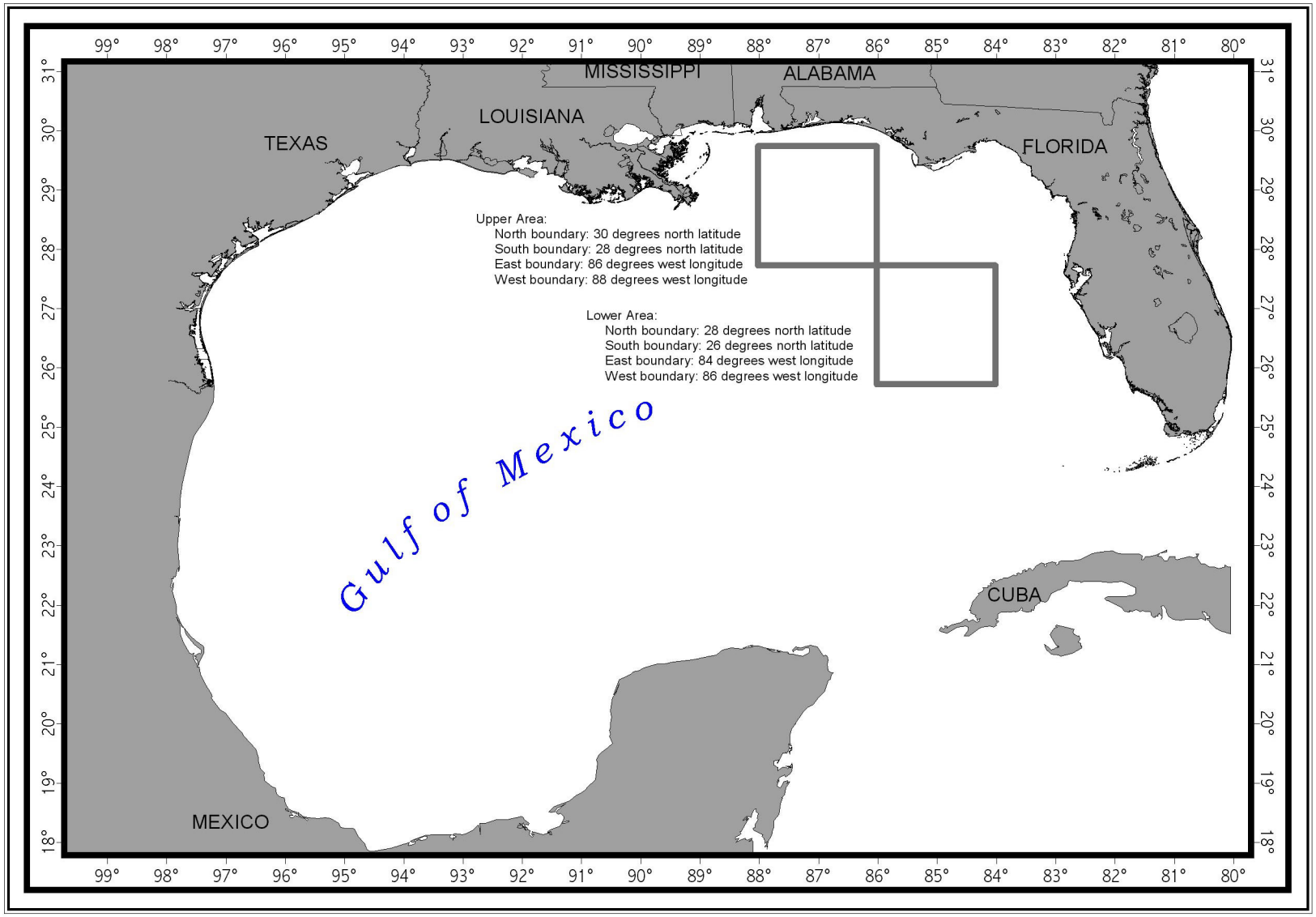

Figure 3-9. Areas Closed to Longline Fishing in the Gulf of Mexico.

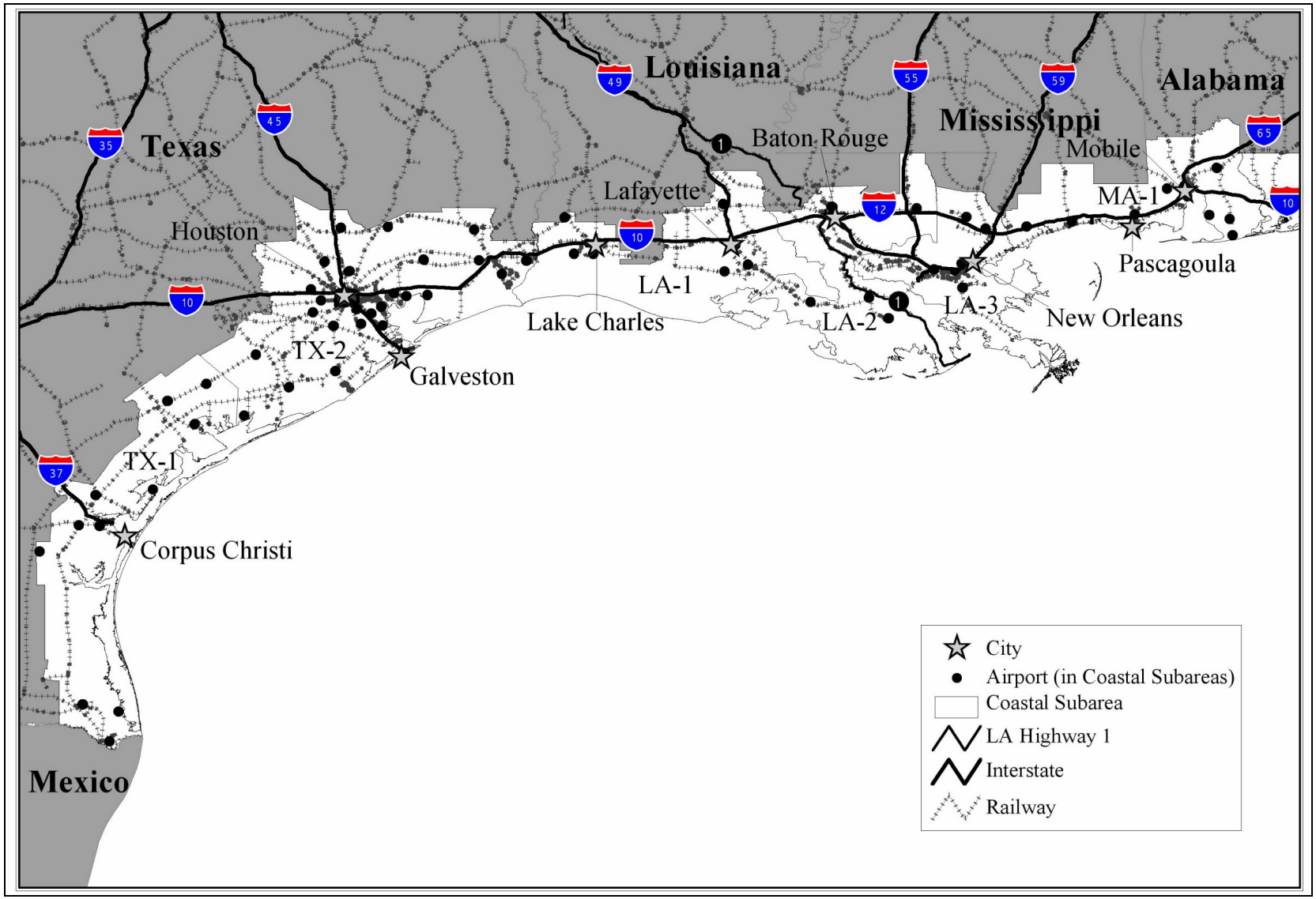

Figure 3-10. Interstates, Airports, and Railways in the Gulf of Mexico.

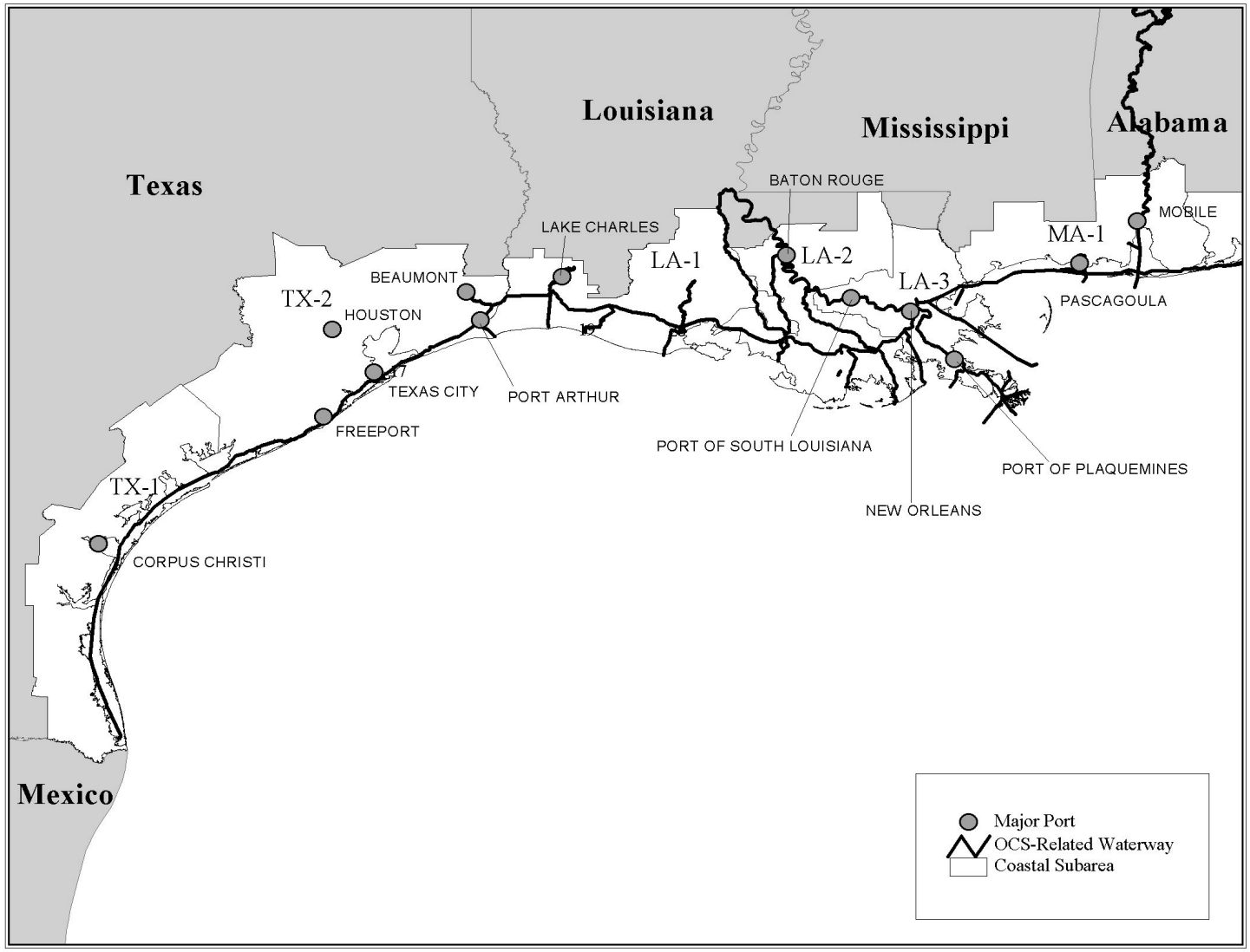

Figure 3-11. Major Ports and Domestic Waterways in the Gulf of Mexico.

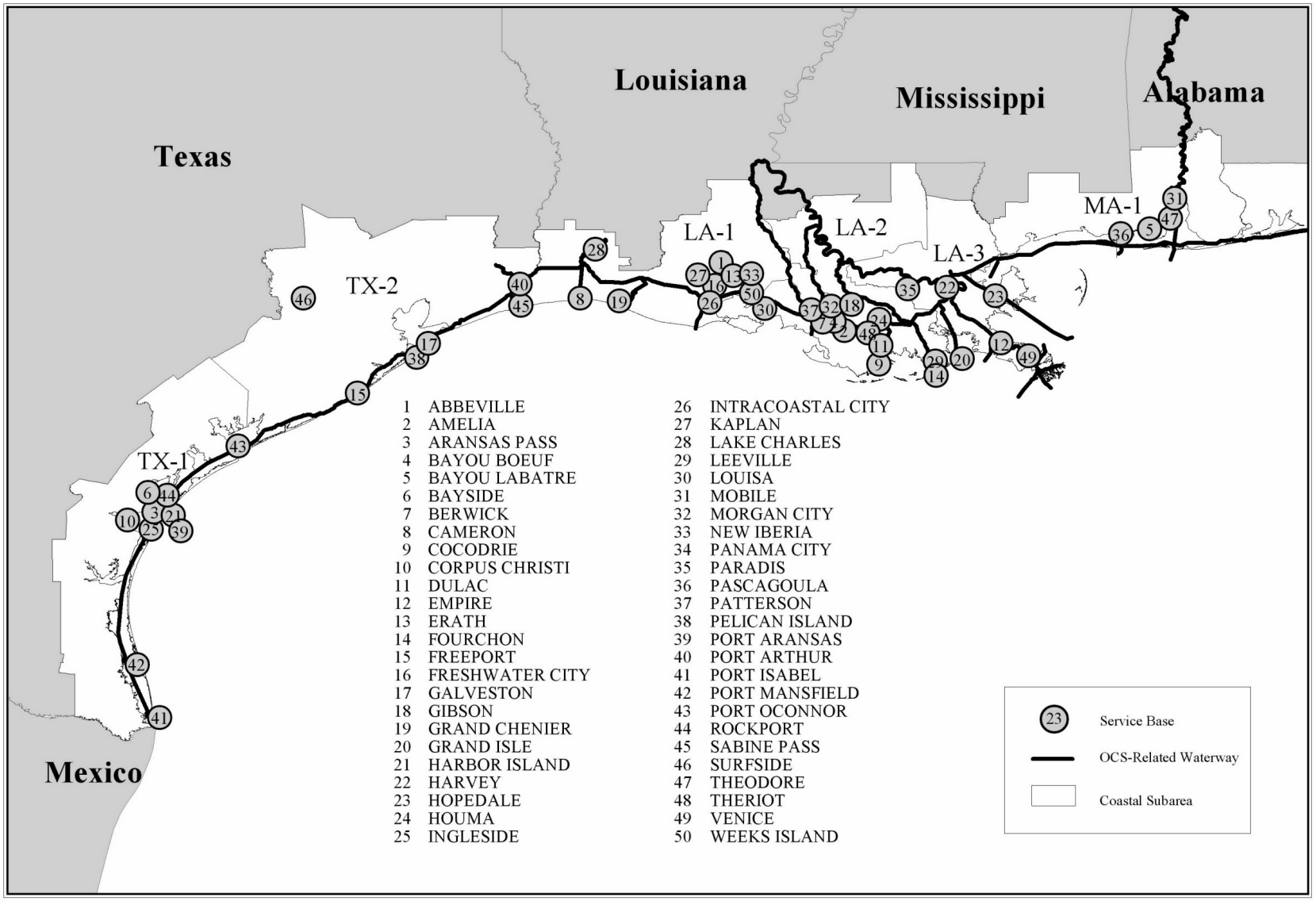

Figure 3-12. OCS-Related Service Bases in the Gulf of Mexico.

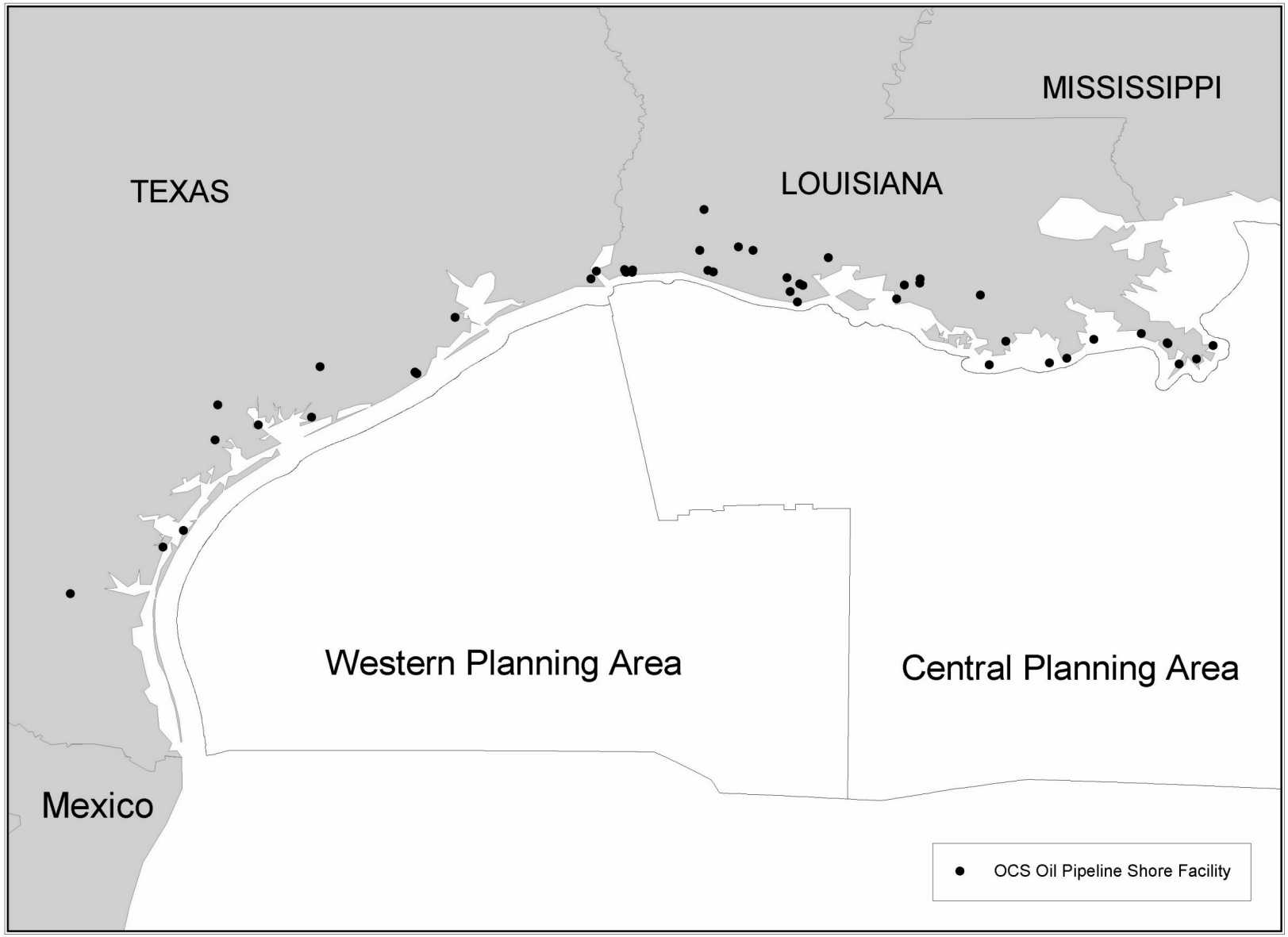

Figure 3-13. OCS Pipeline Shore Facilities in the Gulf of Mexico.

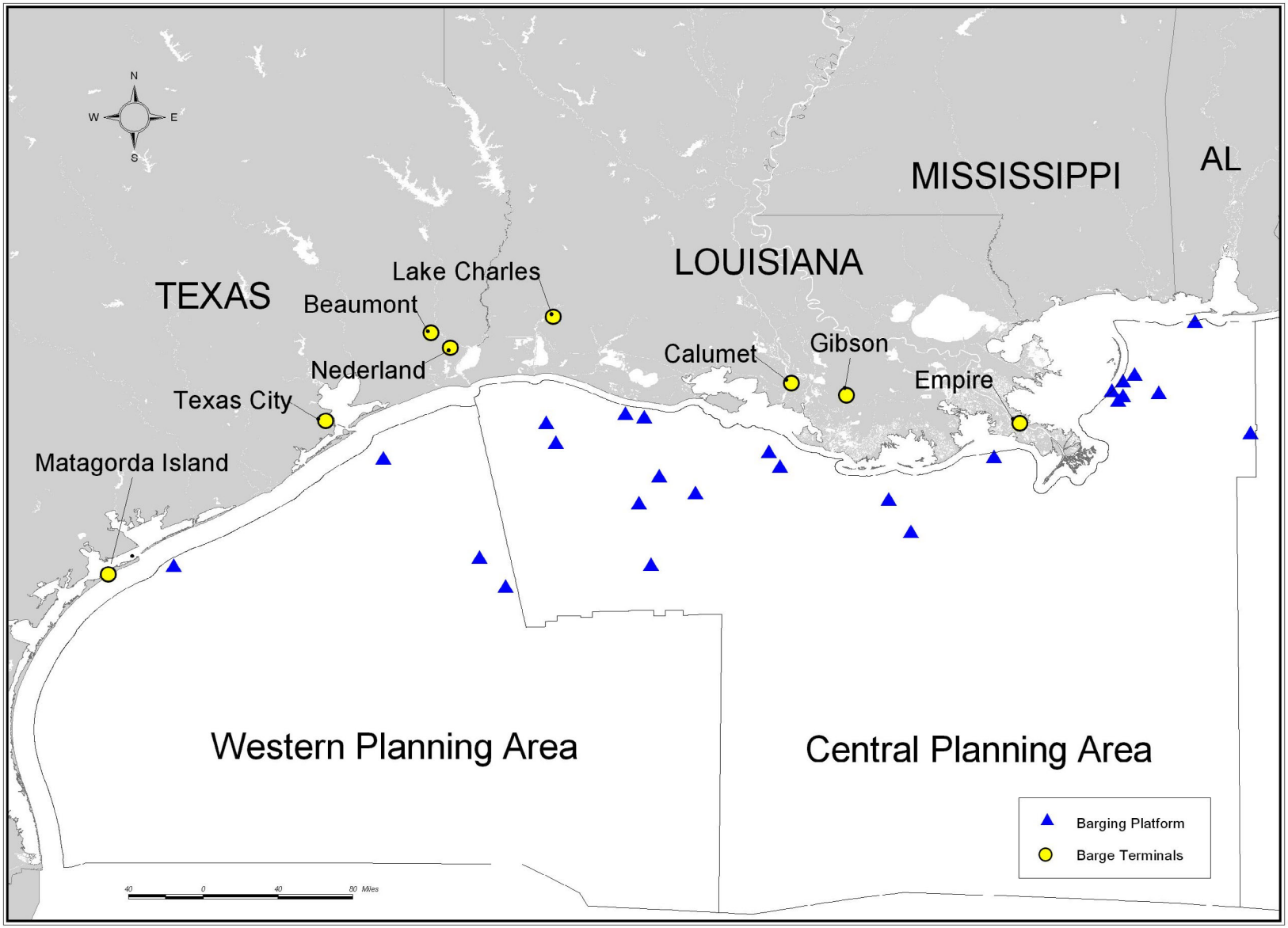

Figure 3-14. OCS Barging Platforms and Terminals in the Gulf of Mexico.

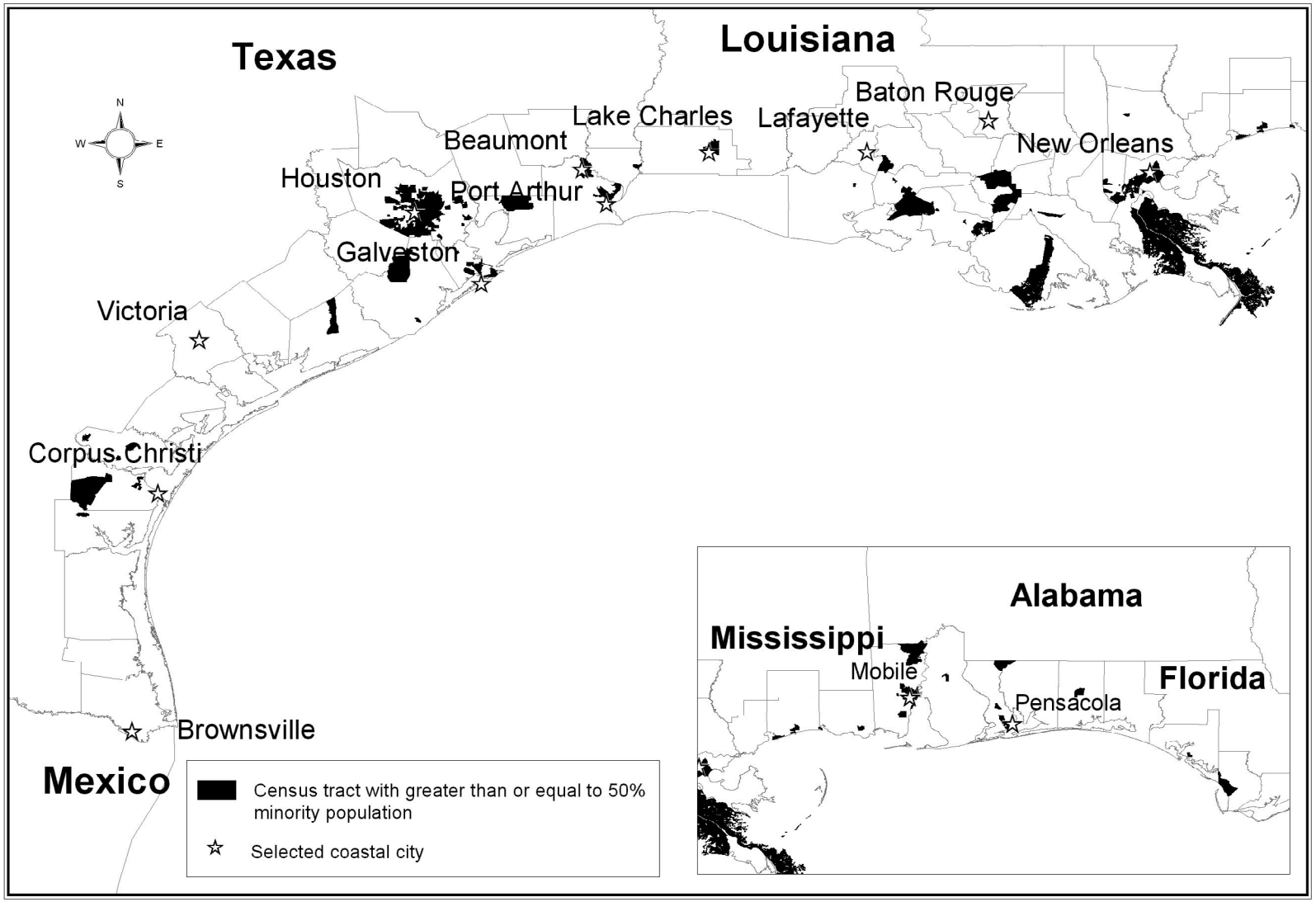

Figure 3-15. Areas with 50 Percent or Greater Minority Populations.

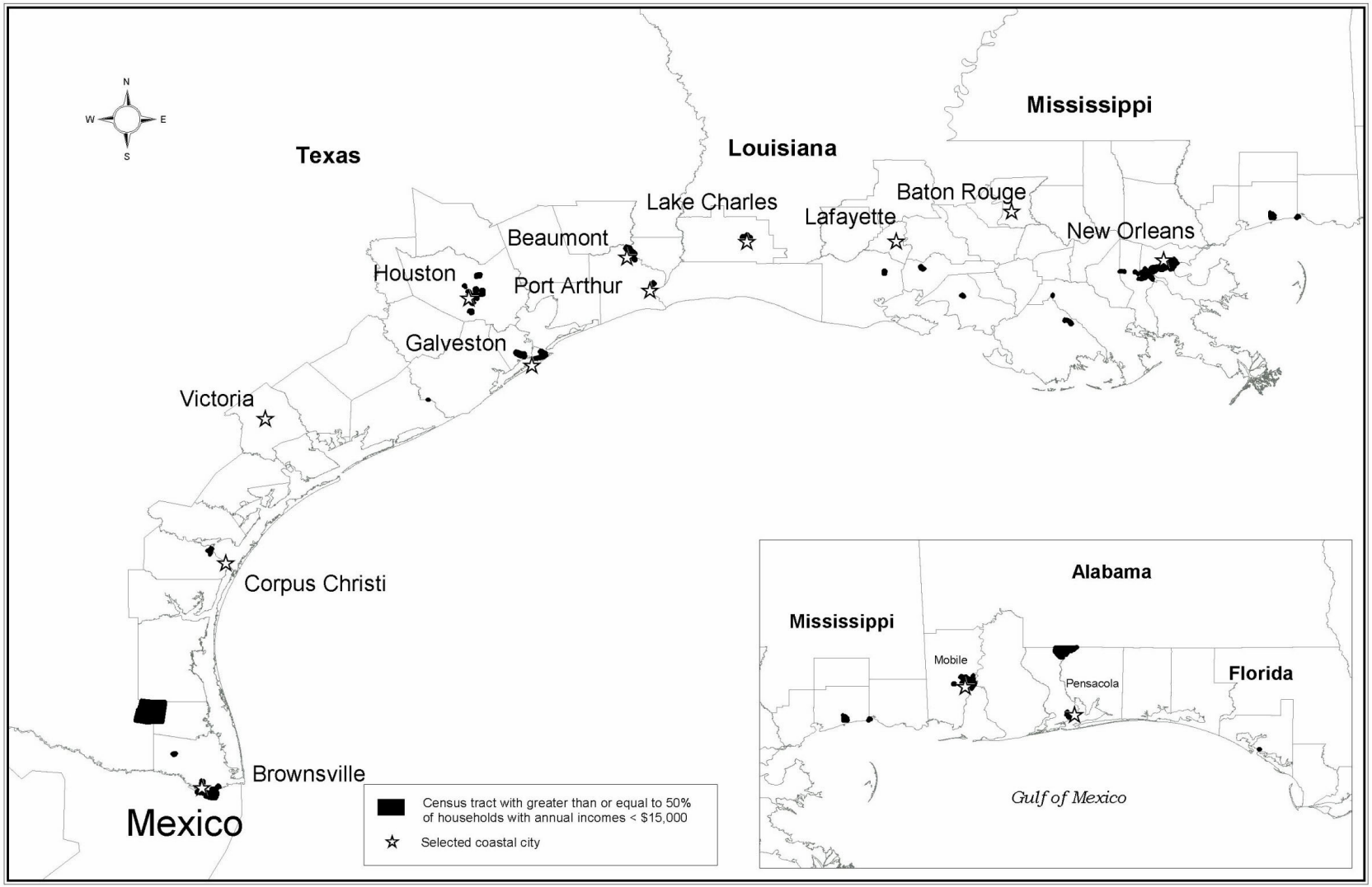

Figure 3-16. Areas with 50 Percent or More Households with Annual Incomes of Less Than $15,000.

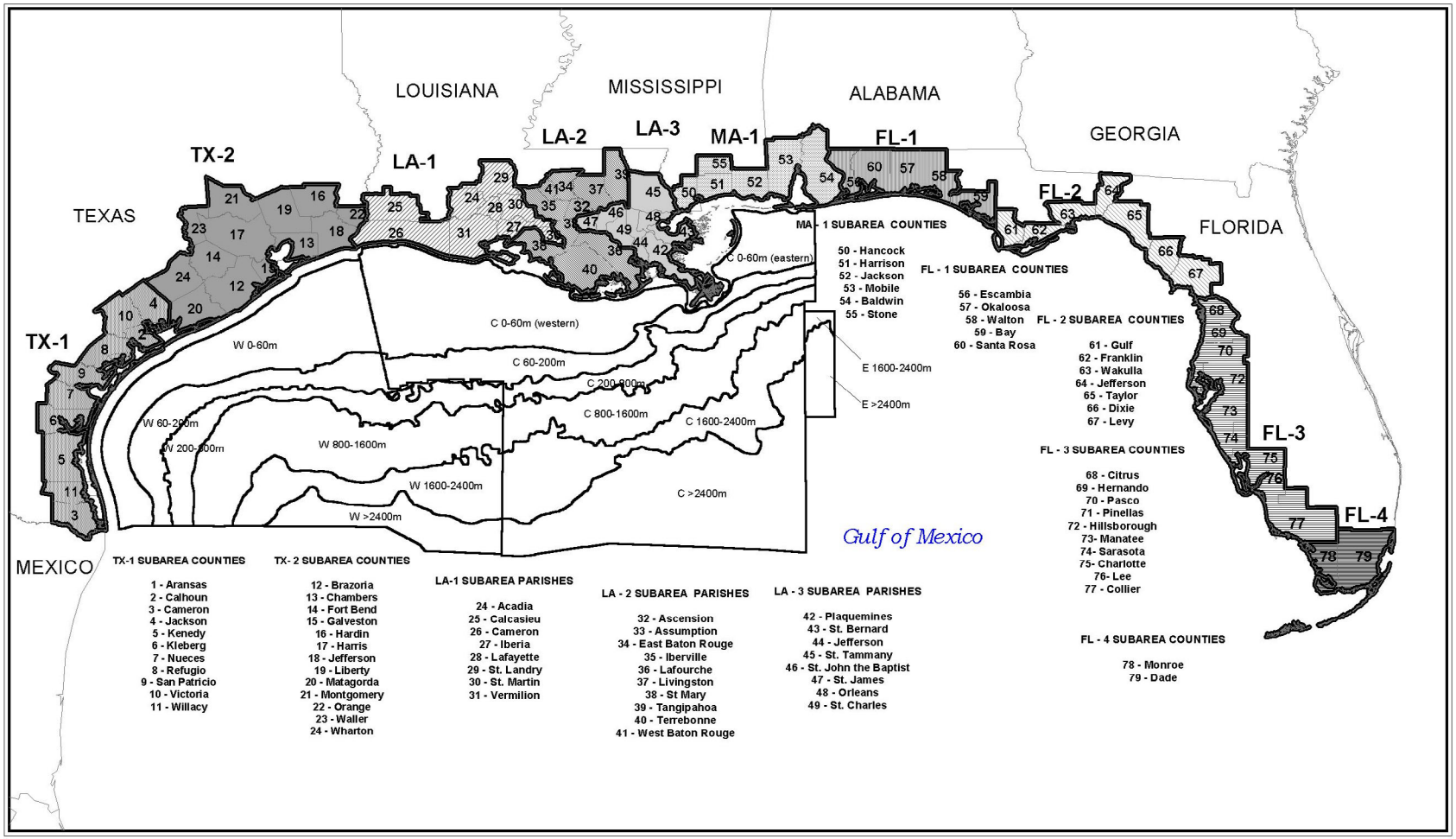

Figure 4-1. Gulf of Mexico Offshore and Coastal Subareas.

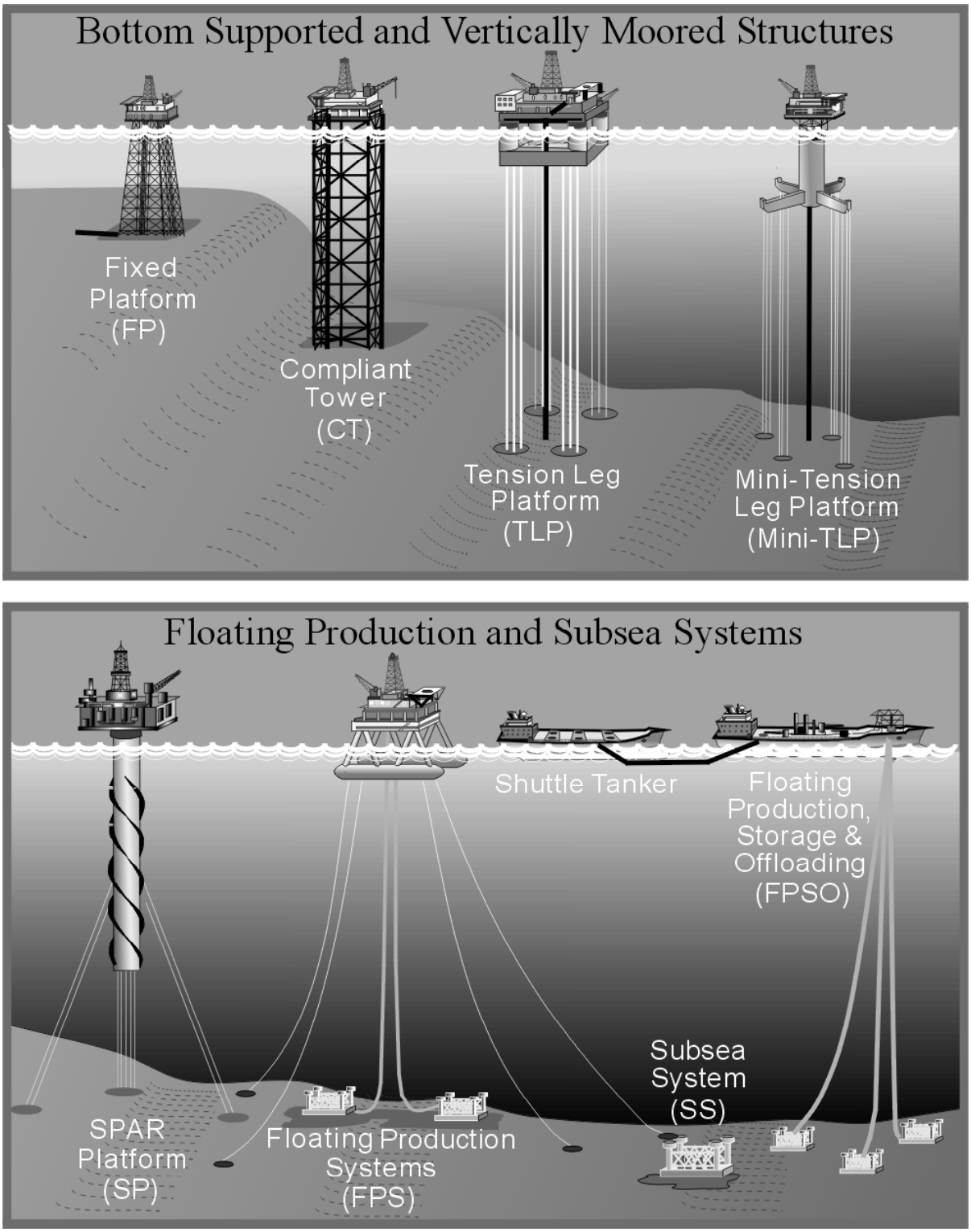

Figure 4-2. Types of Deepwater Production Structures.

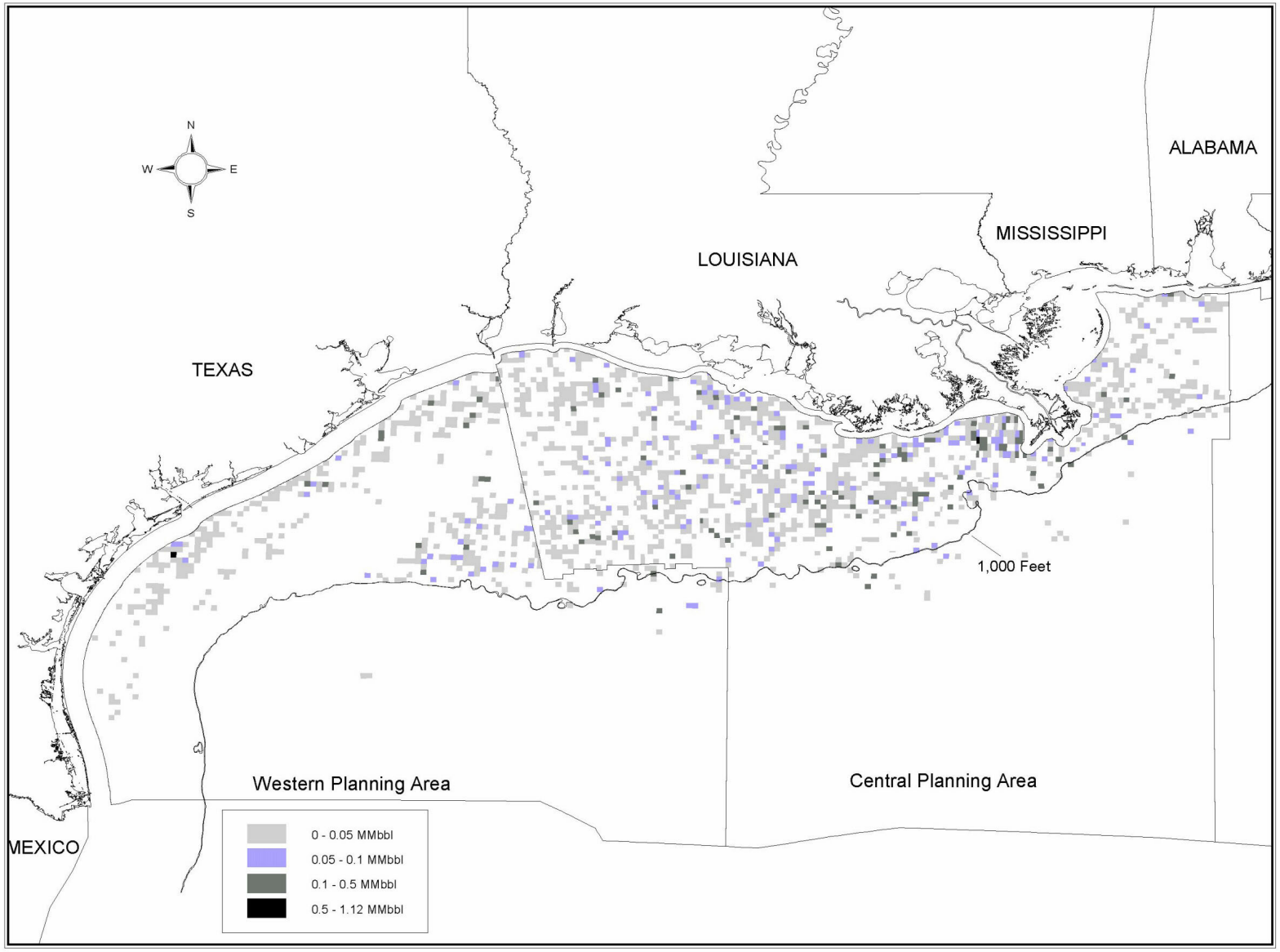

Figure 4-3. Produced Water Extracted in the Gulf of Mexico.

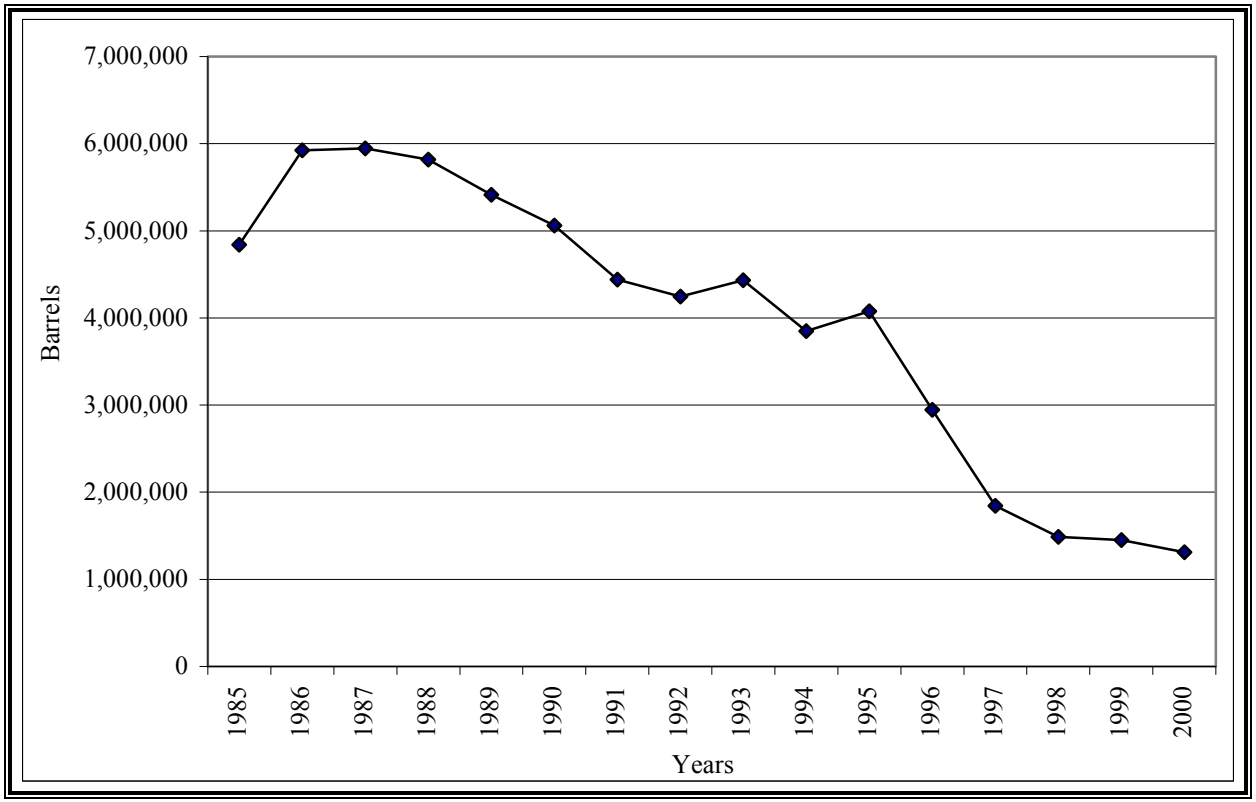

Figure 4-4. Volume of OCS Oil Barged from 1985 to 2000.

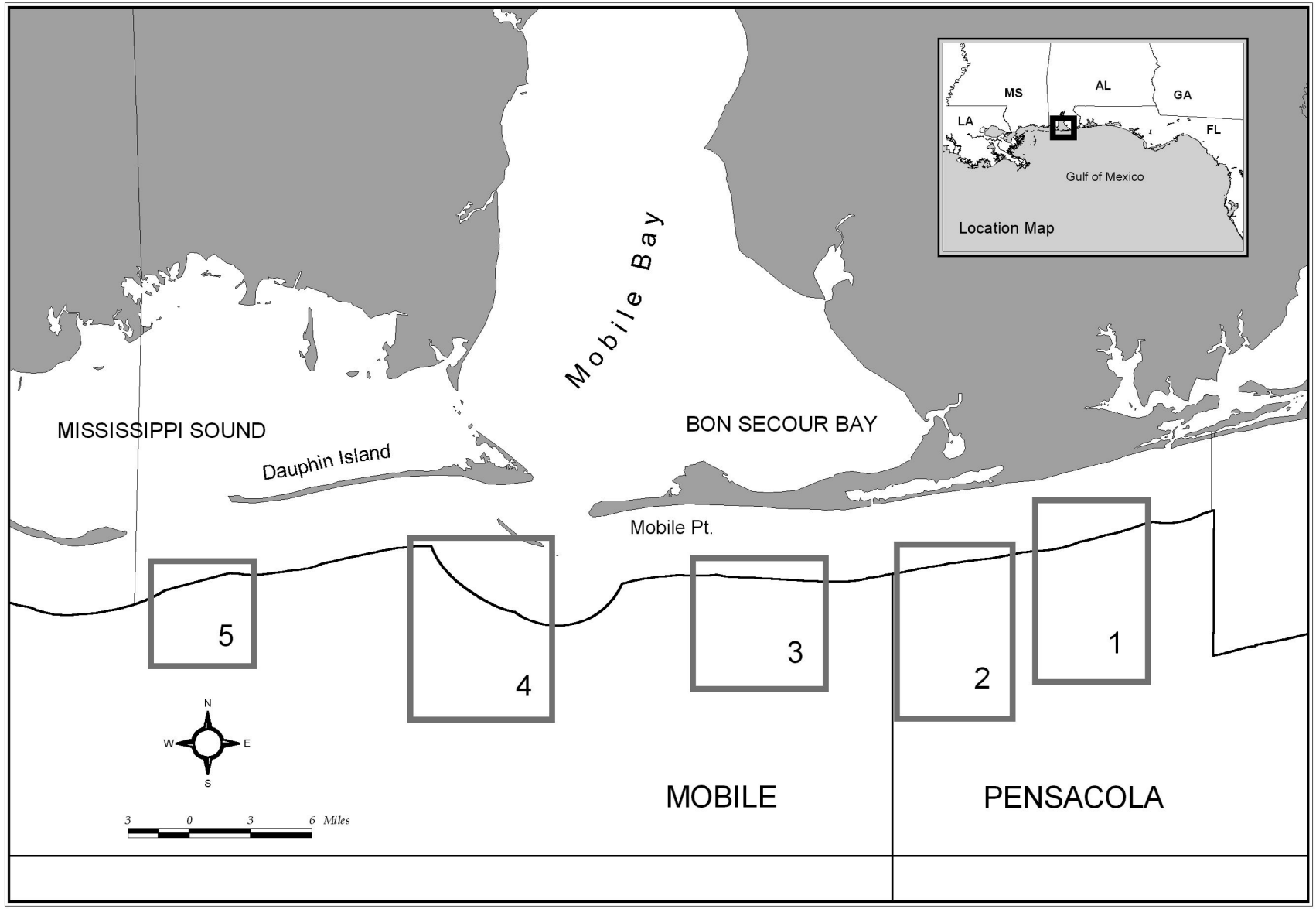

Figure 4-5. Location of Identified Sand Resource Sites Offshore Alabama.

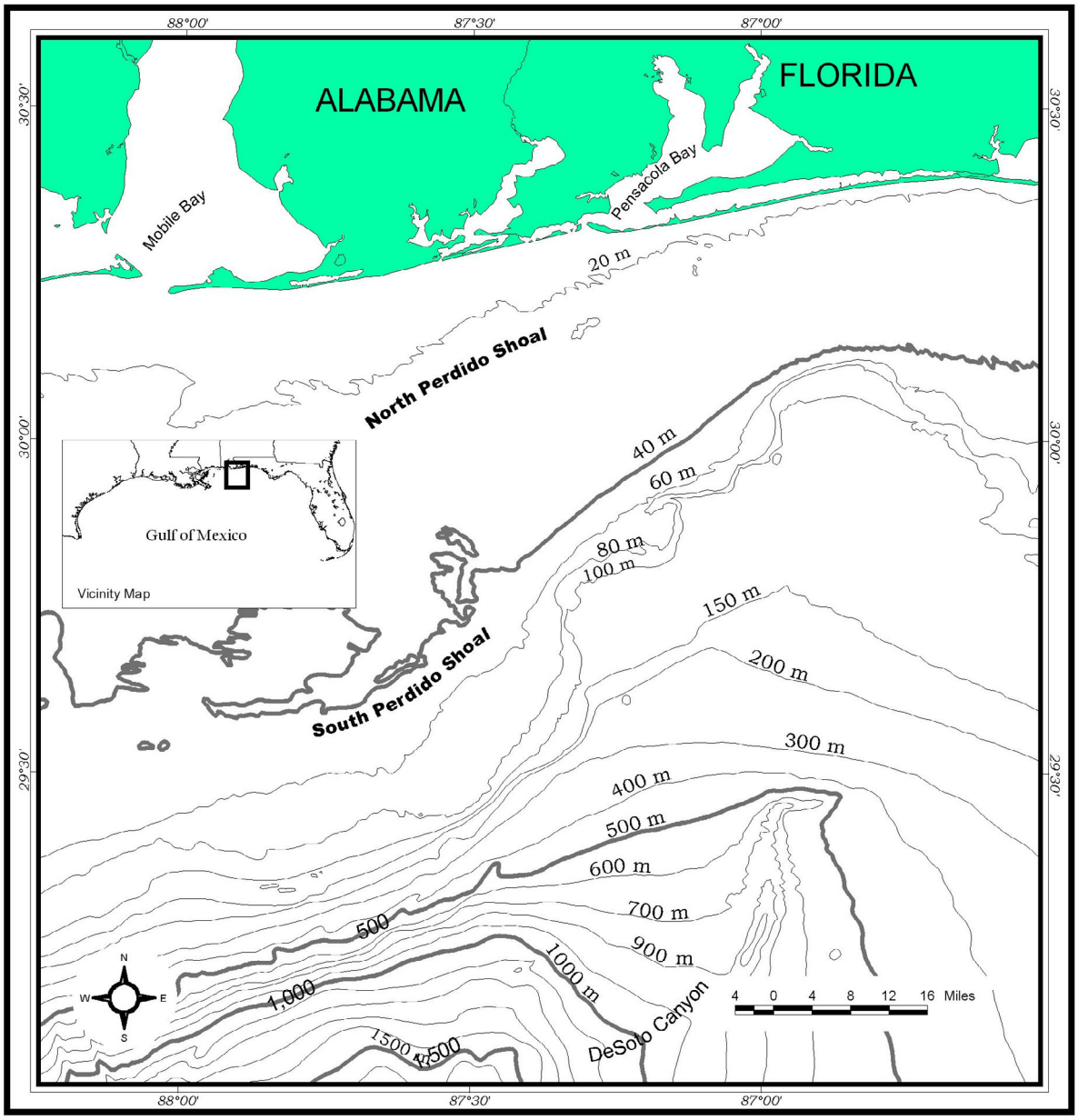

Figure 4-6. Study Area for Synthesis of Hard Mineral Resources on the Florida Panhandle Shelf.

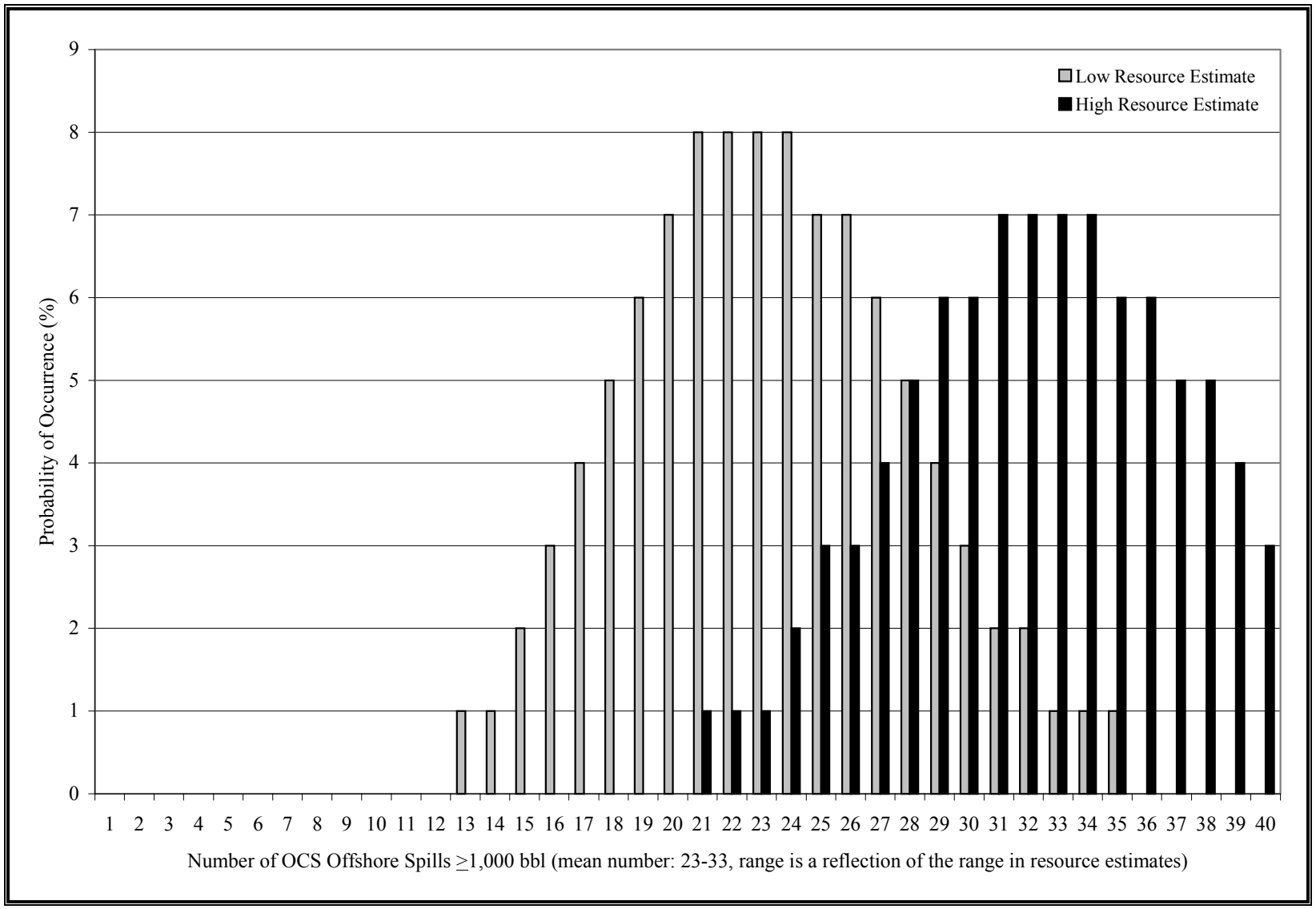

Figure 4-7. Probability that a Particular Number of Offshore Spills ≥1,000 bbl Occurring as a Result of OCS Program Operations Gulfwide during the Years 2003-2042.

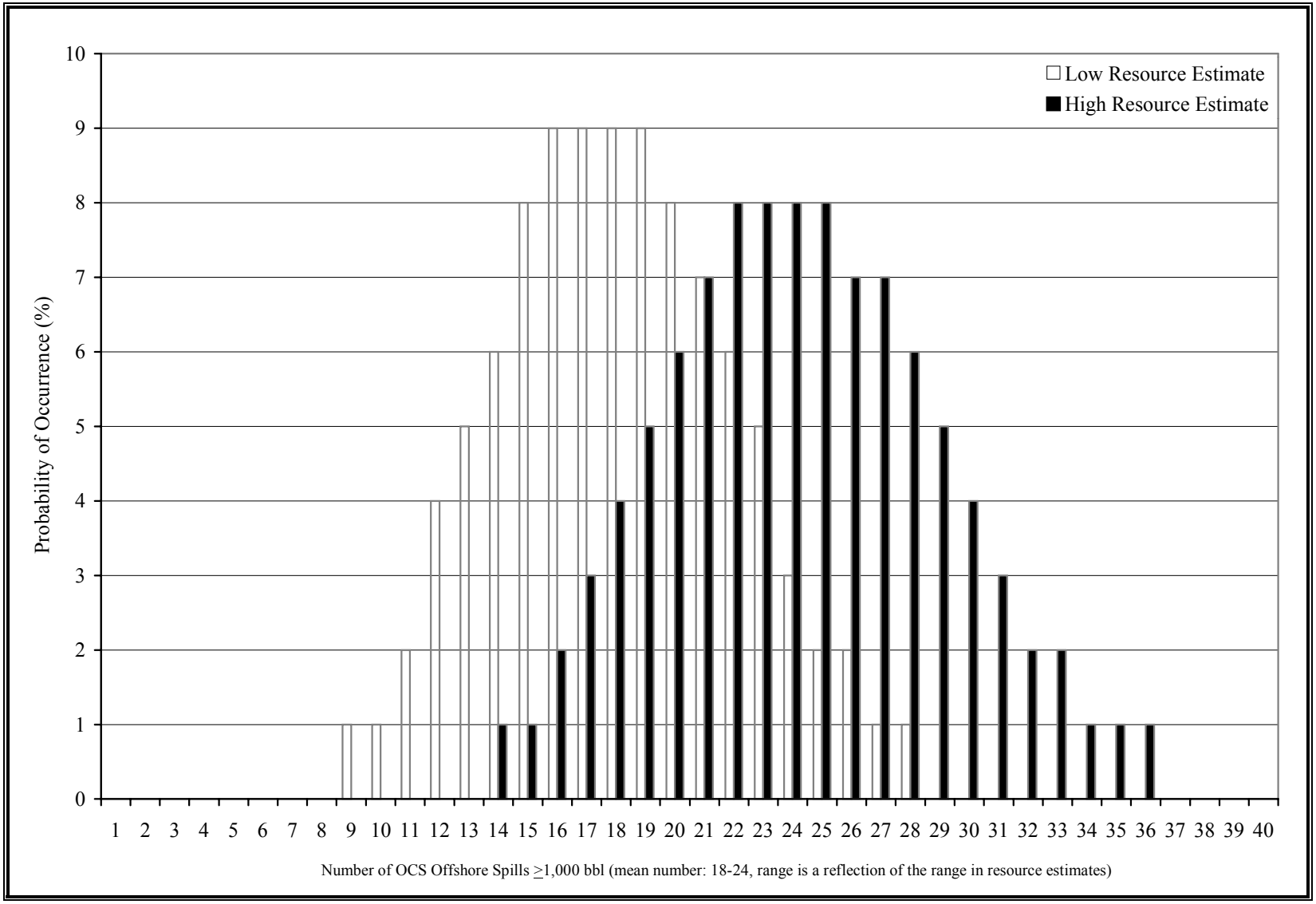

Figure 4-8. Probability of a Particular Number of Offshore Spills ≥1,000 bbl Occurring as a Result of OCS Program Operations in the Central Planning Area during the Years 2003-2042.

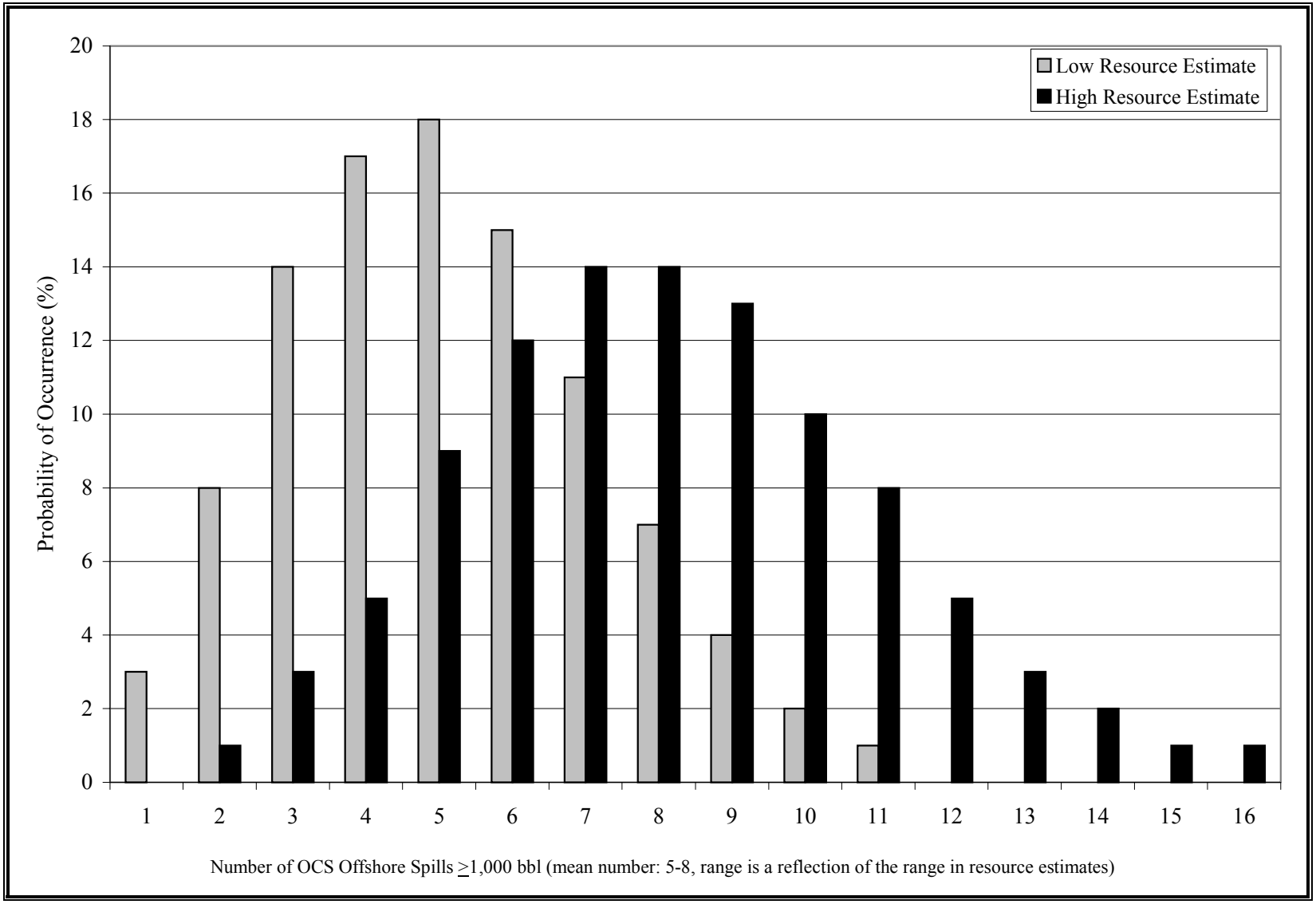

Figure 4-9. Probability of a Particular Number of Offshore Spills ≥1,000 bbl Occurring as a Result of OCS Program Operations in the Western Planning Area during the Years 2003-2042.

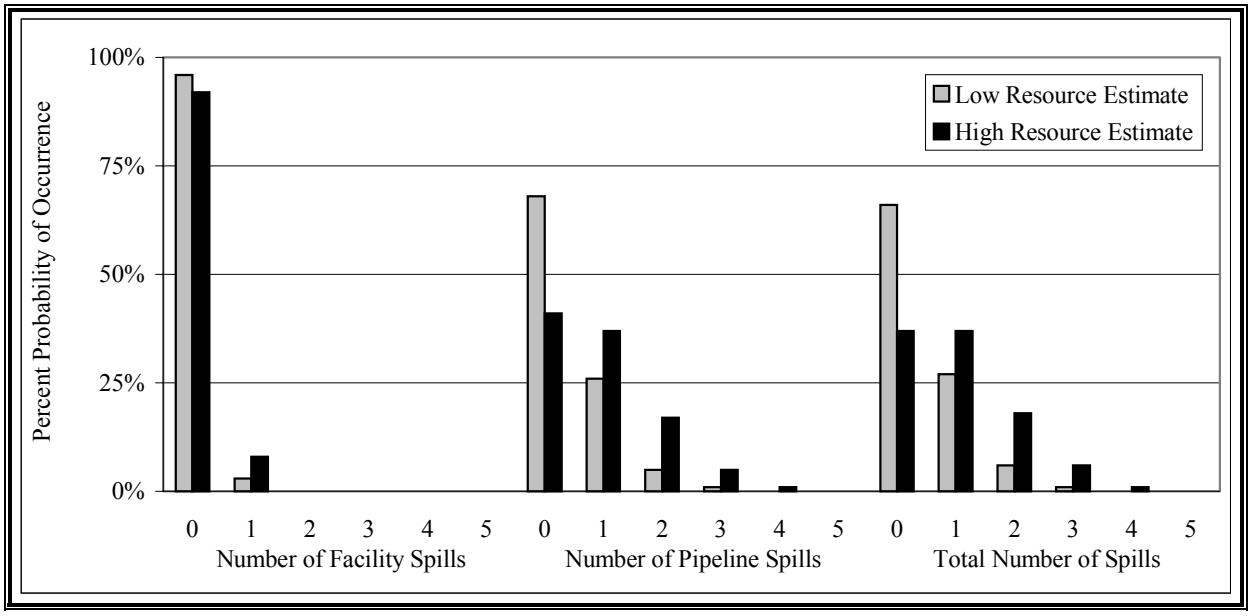

Figure 4-10. Probability (percent chance) of a Particular Number of Offshore Spills ≥1,000 bbl Occurring as a Result of Either Facility or Pipeline Operations Related to a CPA Proposed Action.

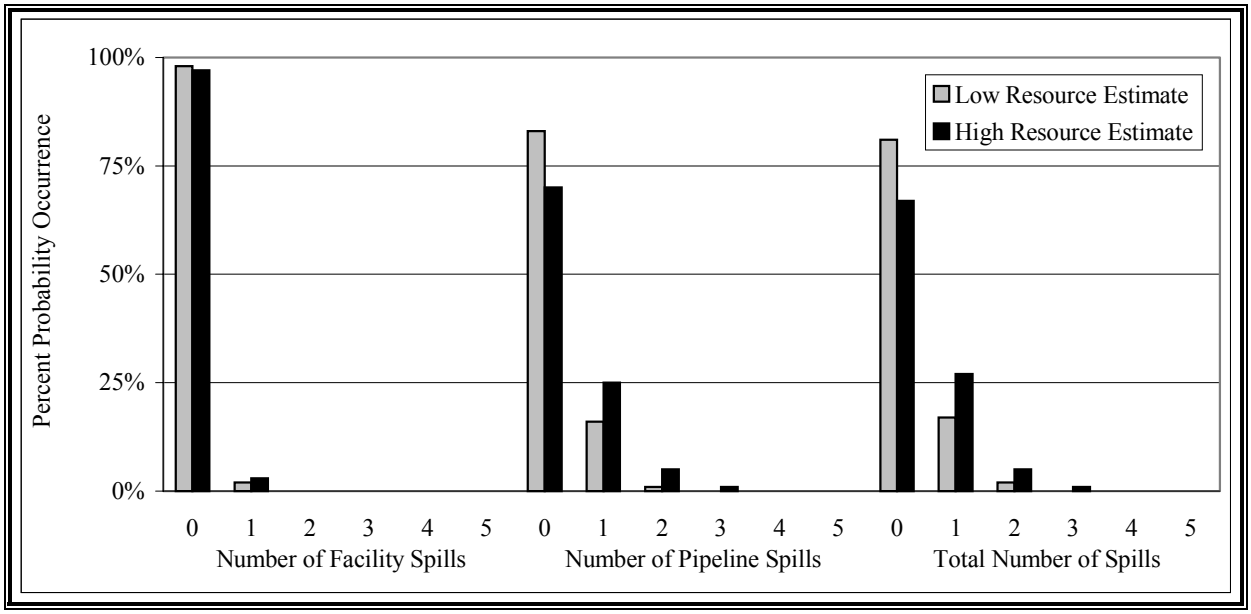

Figure 4-11. Probability (percent chance) of a Particular Number of Offshore Spills ≥1,000 bbl Occurring as a Result of Either Facility or Pipeline Operations Related to a WPA Proposed Action.

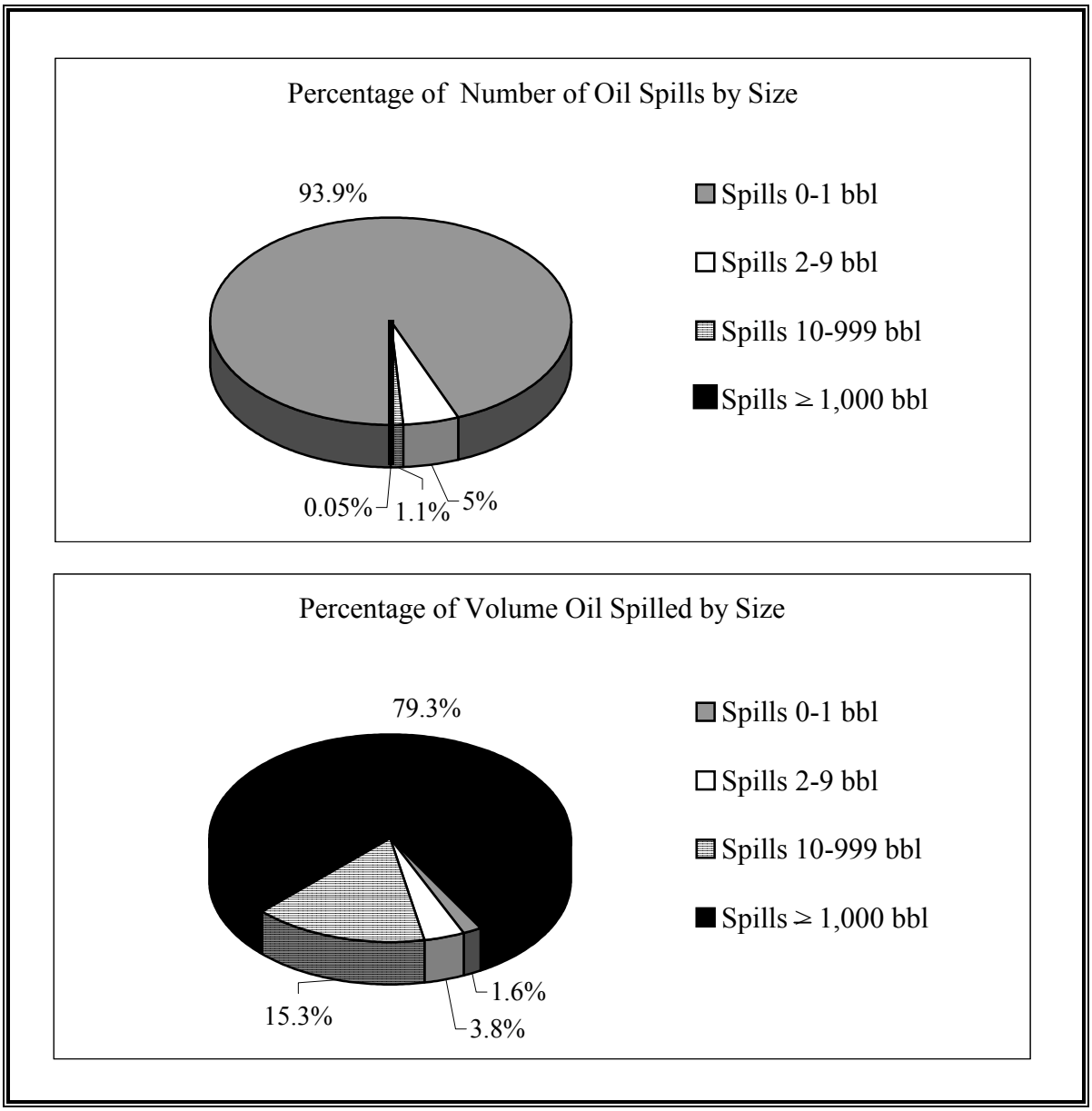

Figure 4-12. Comparison of Spill Frequency and Spill Volume for Past OCS Spills by Size Category (1971-1999 MMS OCS spill database (Anderson and La Belle, 2000).

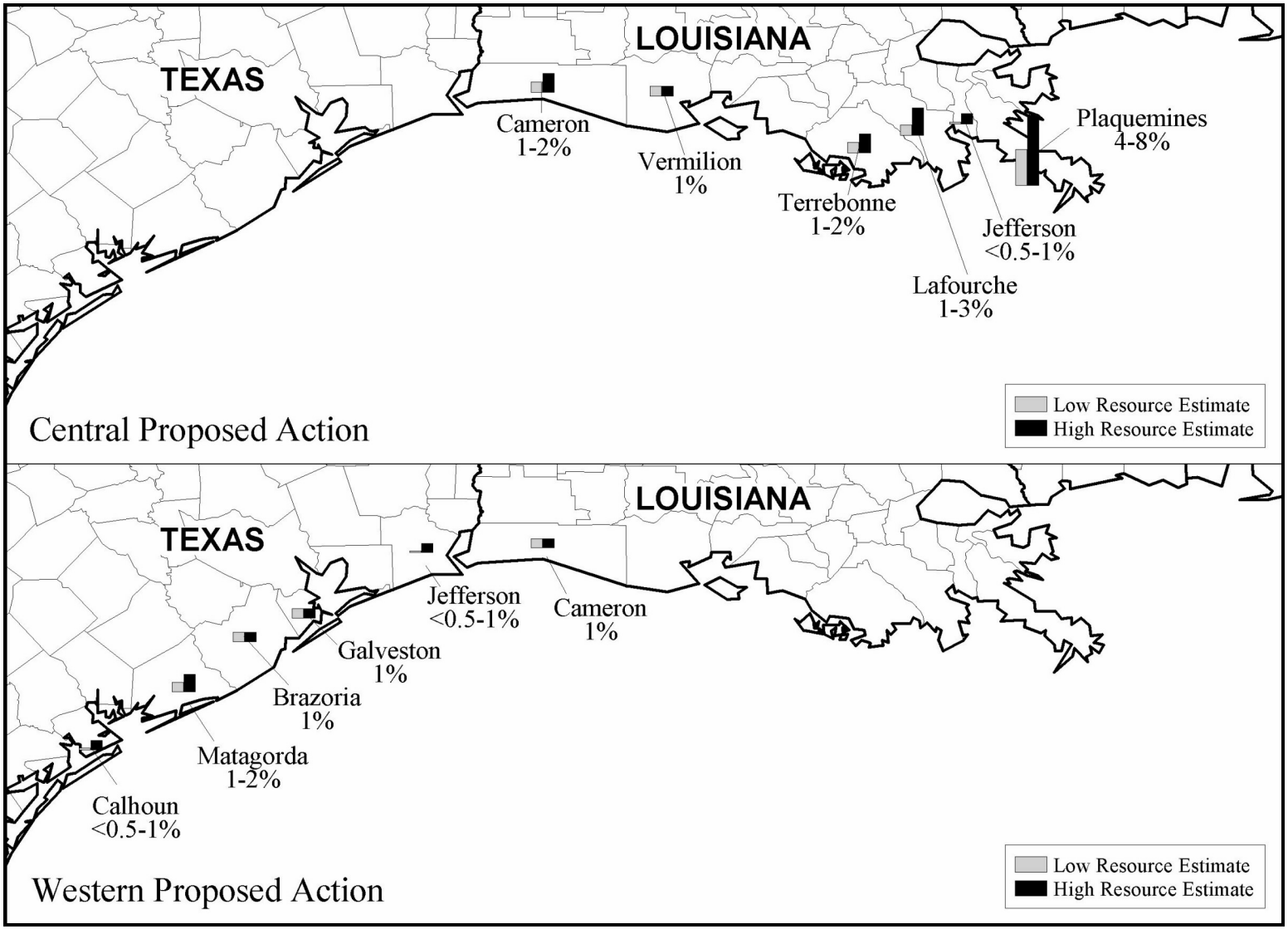

Figure 4-13. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days the Shoreline (counties and parishes) as a Result of a Proposed Action (only counties and parishes with greater than a 0.5% risk of contact within 10 days are shown).

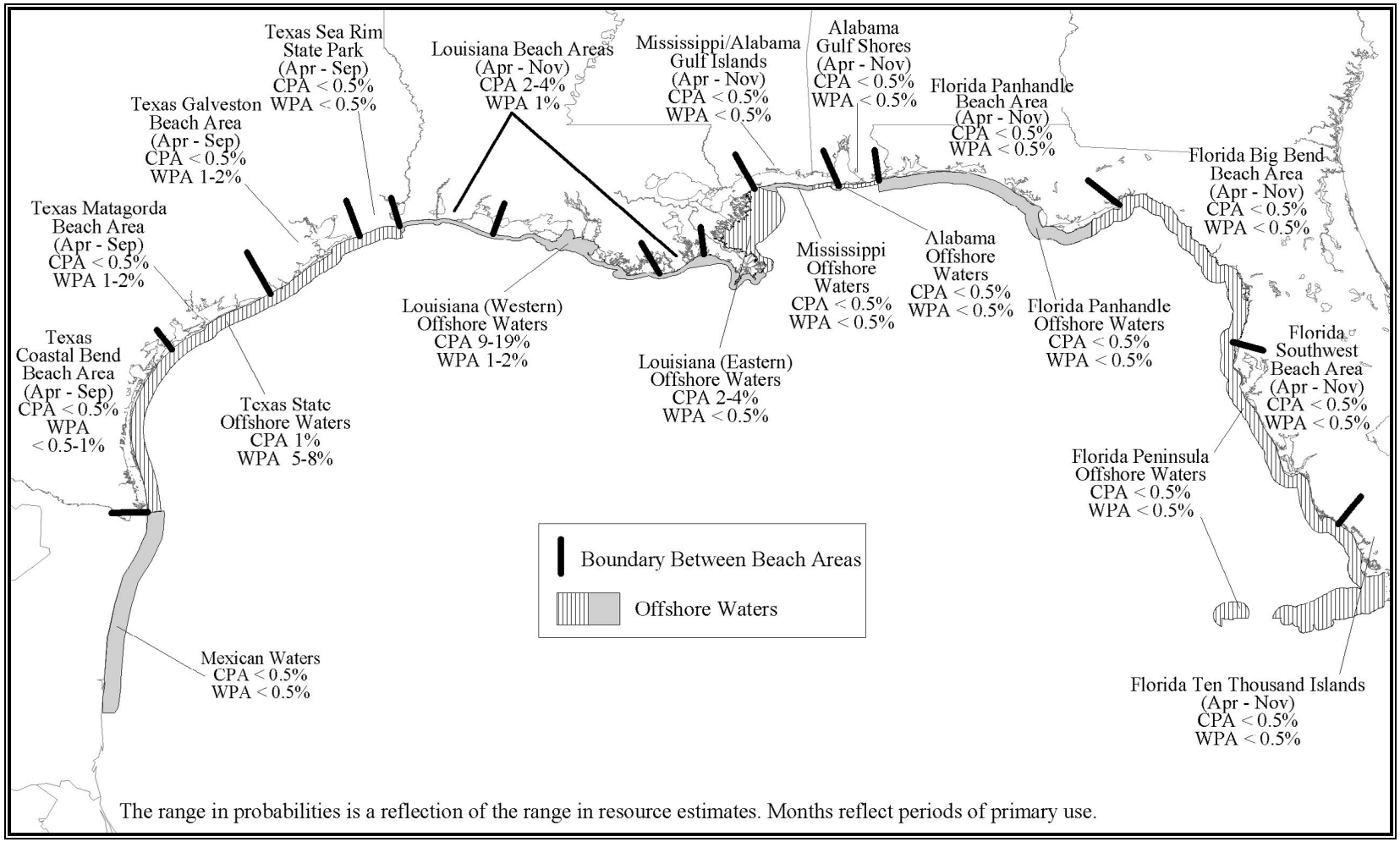

Figure 4-14. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days State Offshore Waters or Recreational Beaches as a Result of a CPA or WPA Proposed Action.

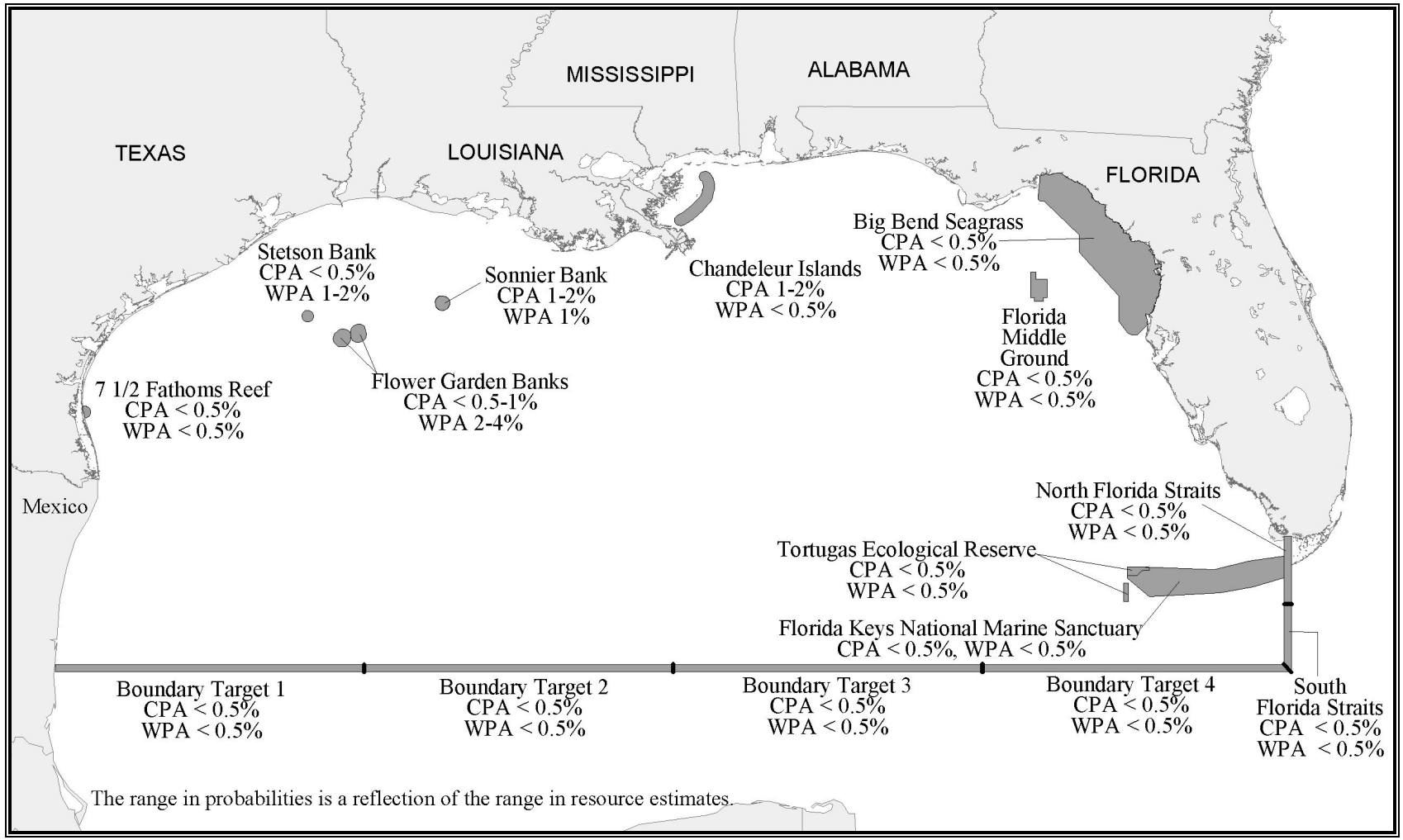

Figure 4-15. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days the Surface Waters Overlying and Surrounding Offshore Environmental Features or Boundary Targets as a Result of a CPA or WPA Proposed Action.

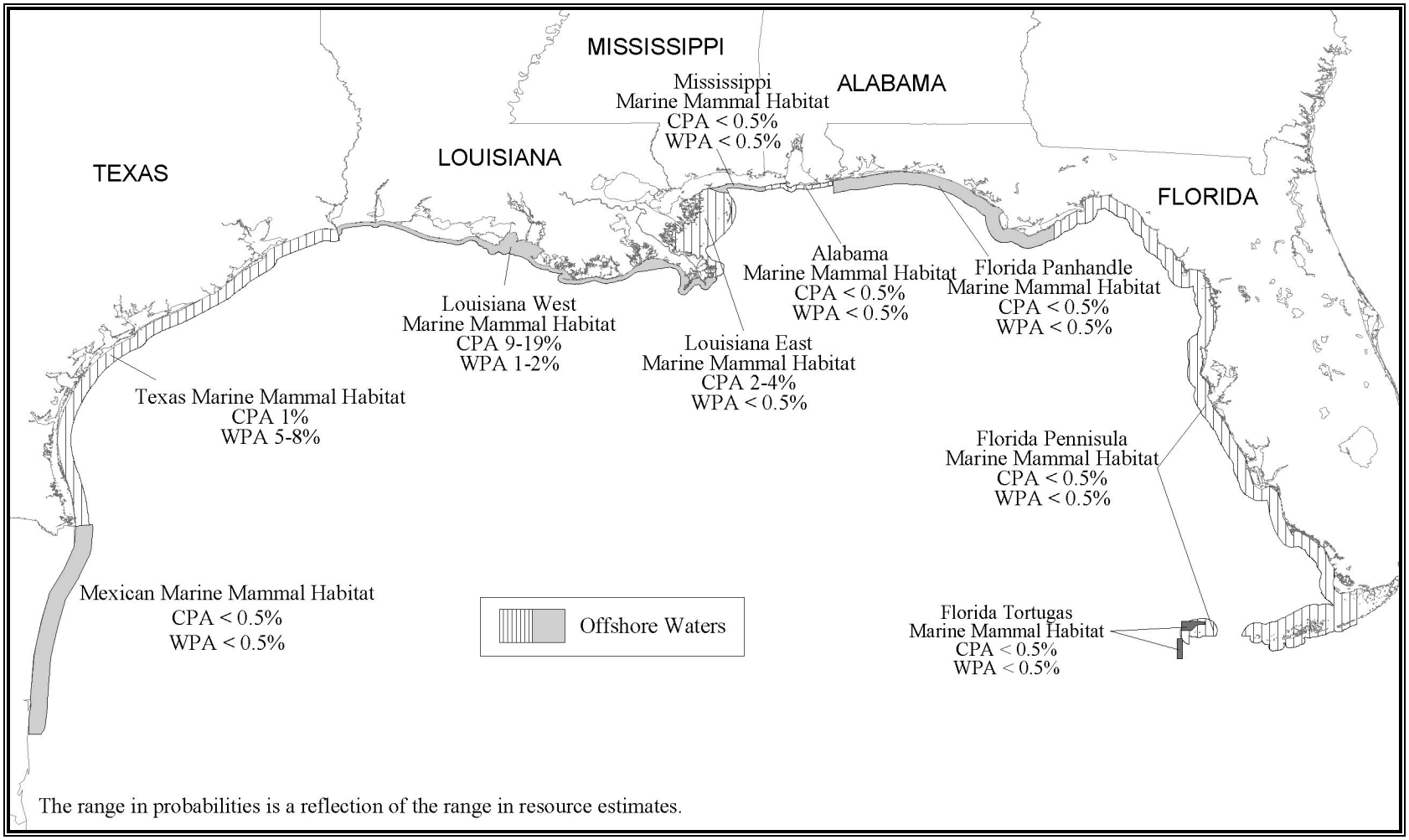

Figure 4-16. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Marine Mammal Habitats as a Result of a CPA or WPA Proposed Action.

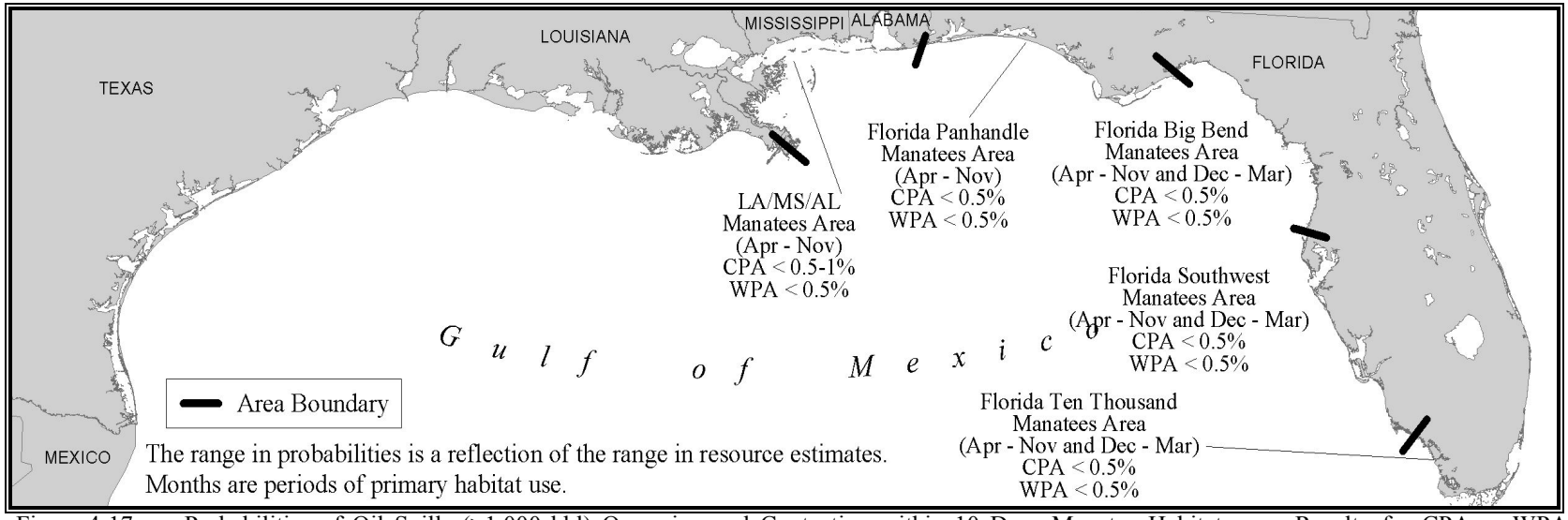

Figure 4-17. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Manatee Habitats as a Result of a CPA or WPA Proposed Action.

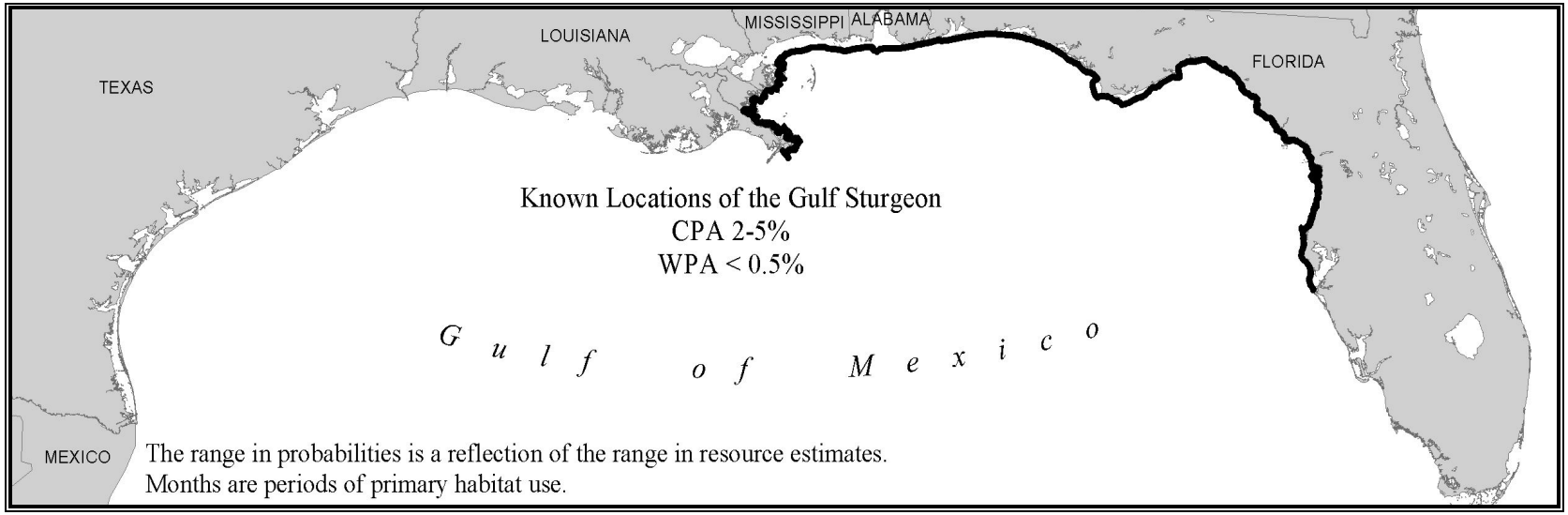

Figure 4-18. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Known Locations of Gulf Sturgeon as a Result of a CPA or WPA Proposed Action.

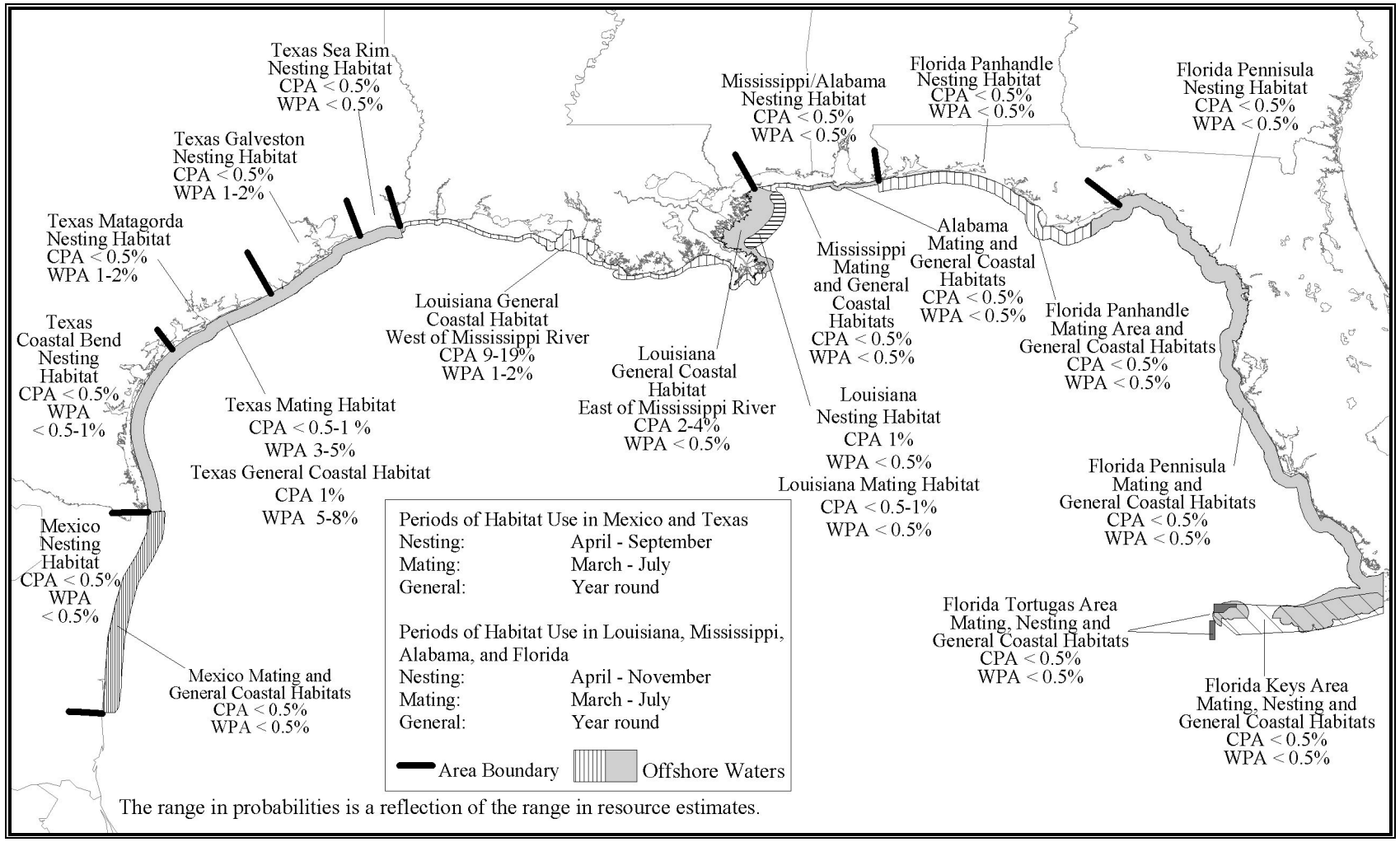

Figure 4-19. Probabilities of Oil Spills (>1,000 bbl) Occurring and Contacting within 10 Days Sea Turtle Habitats as a Result of a CPA or WPA Proposed Action.

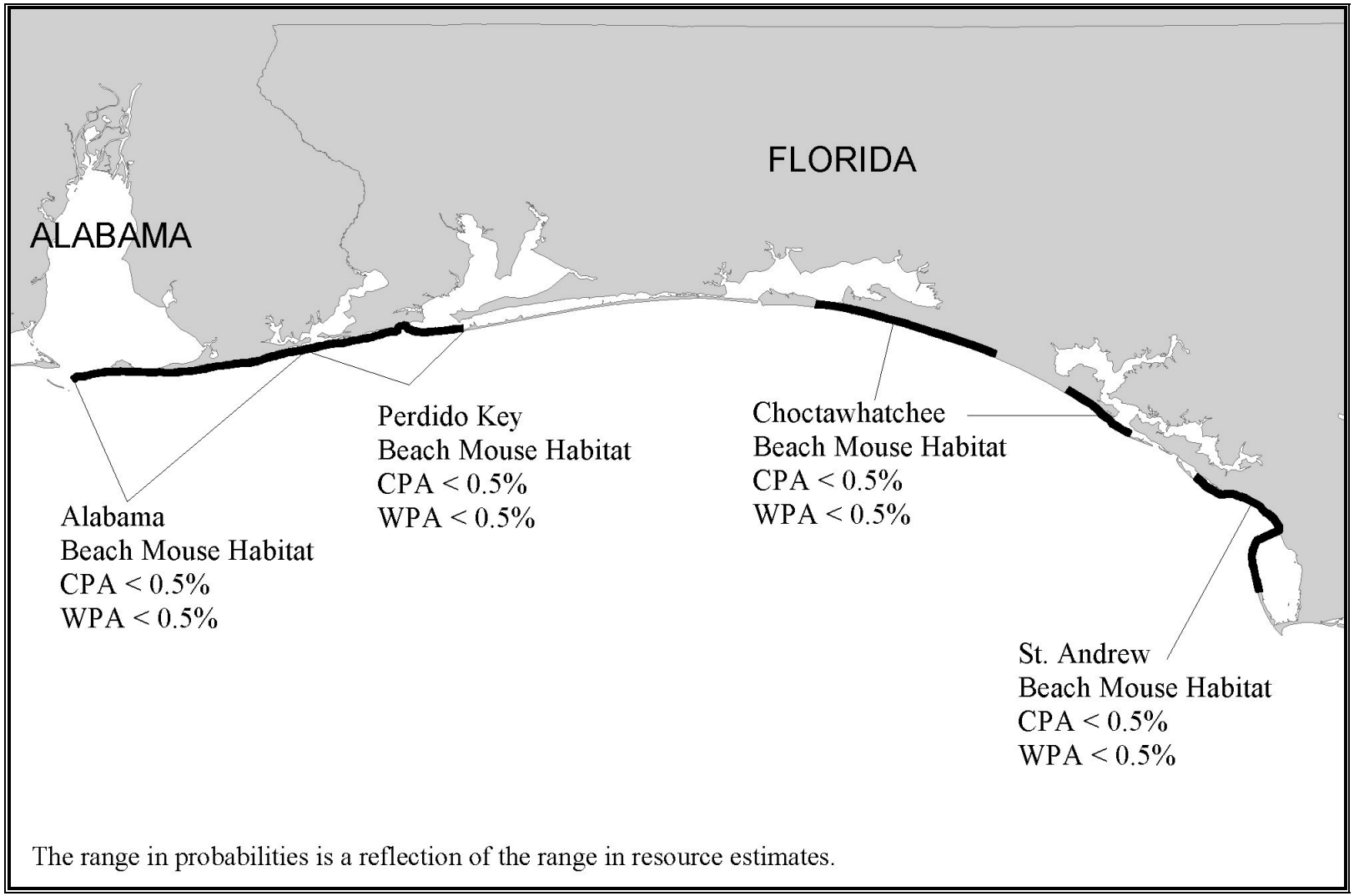

Figure 4-20. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Endangered Beach Mice Habitats as a Result of a CPA or WPA Proposed Action.

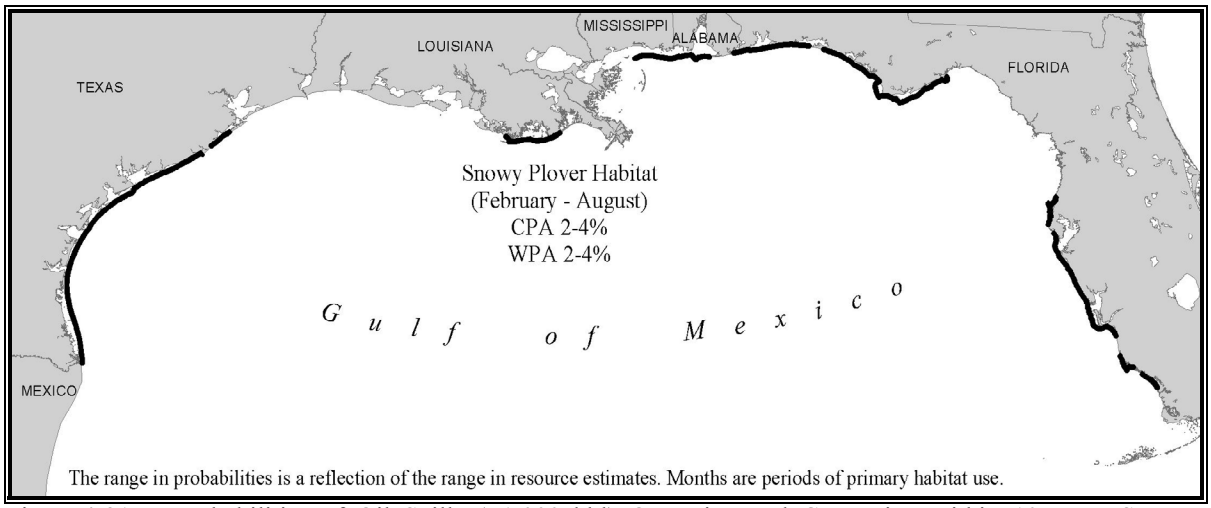

Figure 4-21. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Snowy Plover Habitat as a Result of a CPA or WPA Proposed Action.

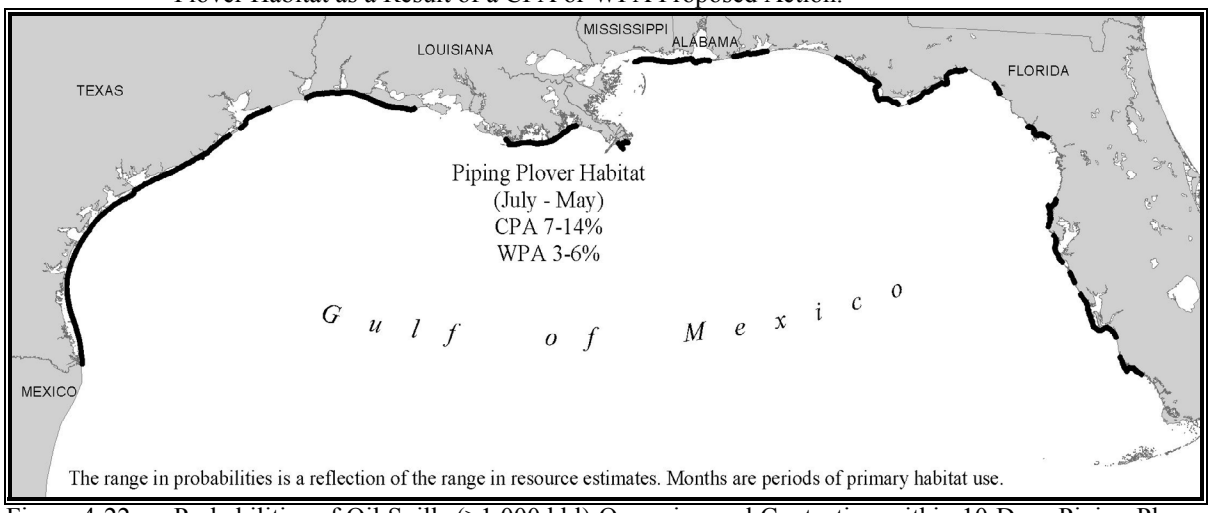

Figure 4-22. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Piping Plover Habitat as a Result of a CPA or WPA Proposed Action.

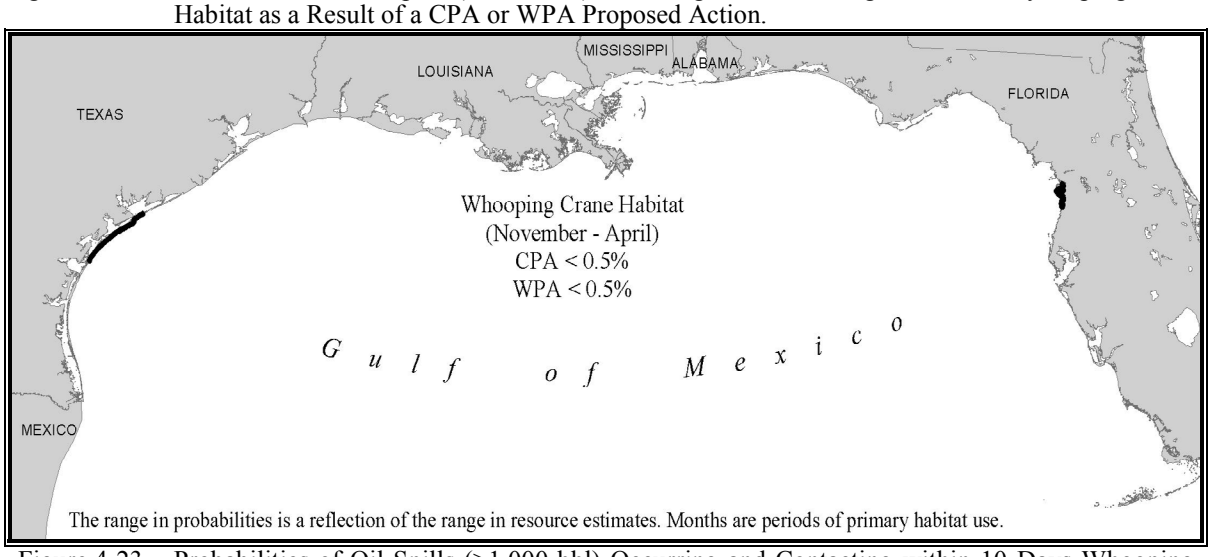

Figure 4-23. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Whooping Crane Habitat as a Result of a CPA or WPA Proposed Action.

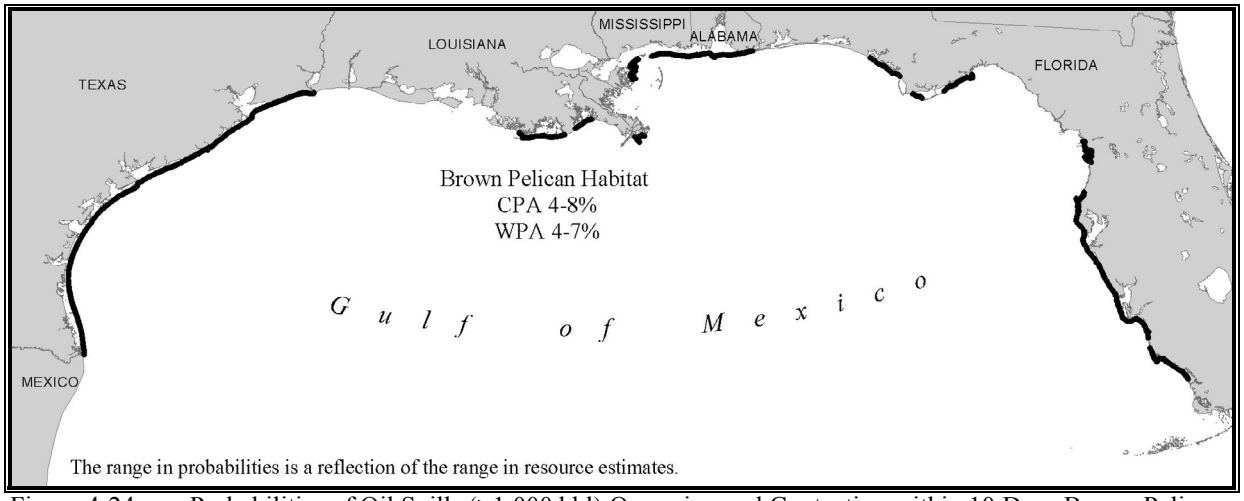

Figure 4-24. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Brown Pelican Habitat as a Result of a CPA or WPA Proposed Action.

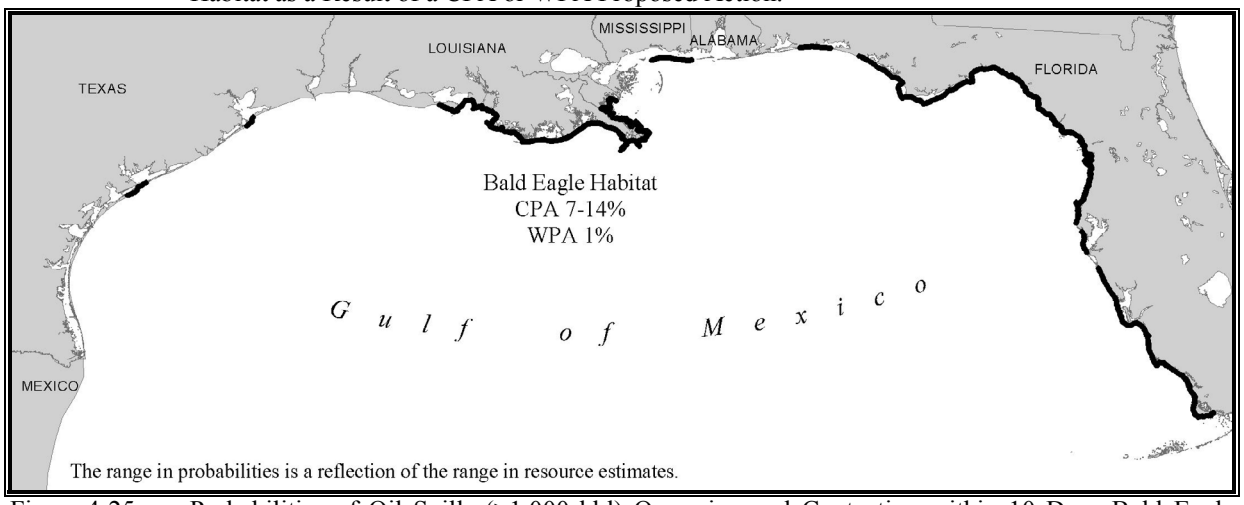

Figure 4-25. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Bald Eagle Habitat as a Result of a CPA or WPA Proposed Action.

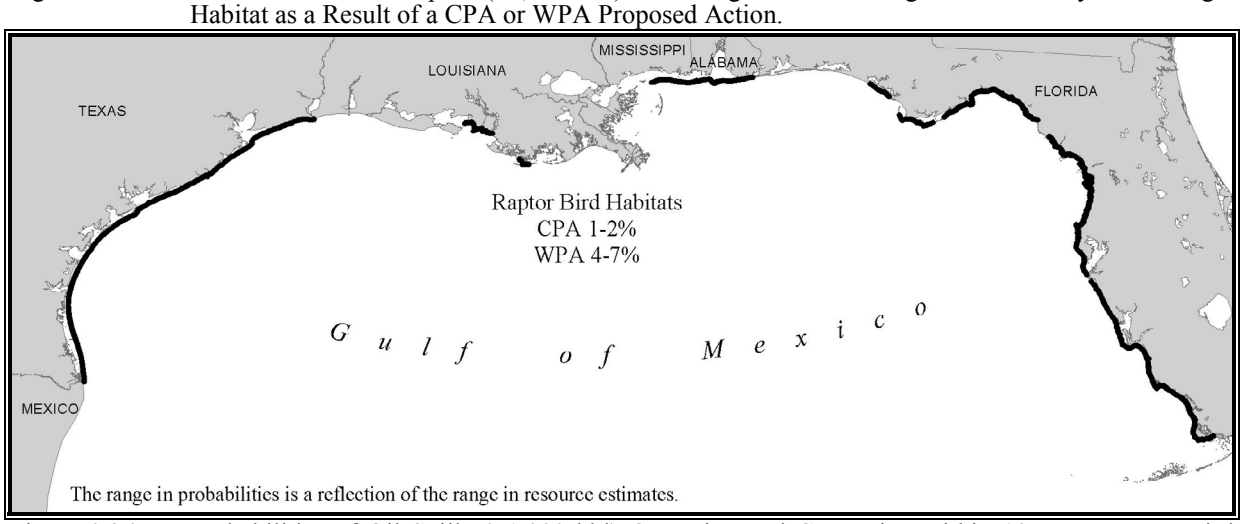

Figure 4-26. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Raptor Bird Habitats as a Result of a CPA or WPA Proposed Action.

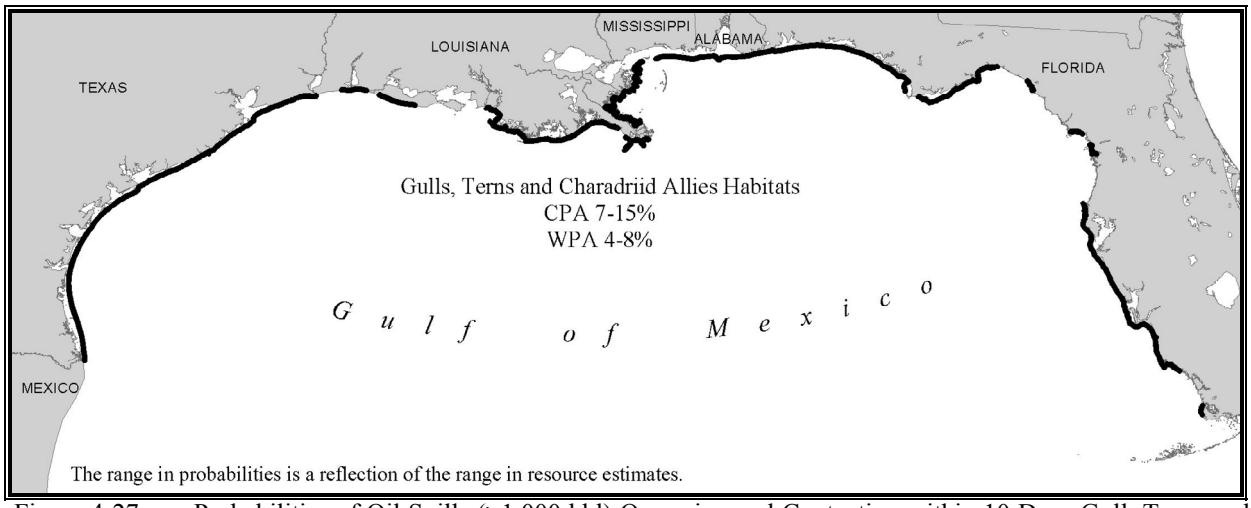

Figure 4-27. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Gull, Terns and Charadriid Allies Habitats as a Result of a CPA or WPA Proposed Action.

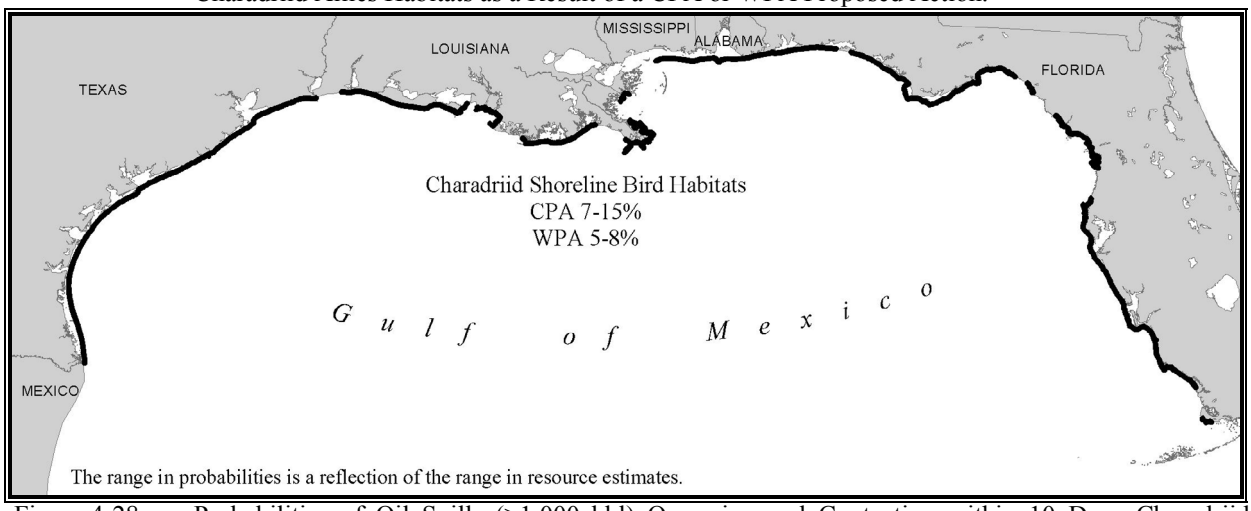

Figure 4-28. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Charadriid Shoreline Bird Habitats as a Result of a CPA or WPA Proposed Action.

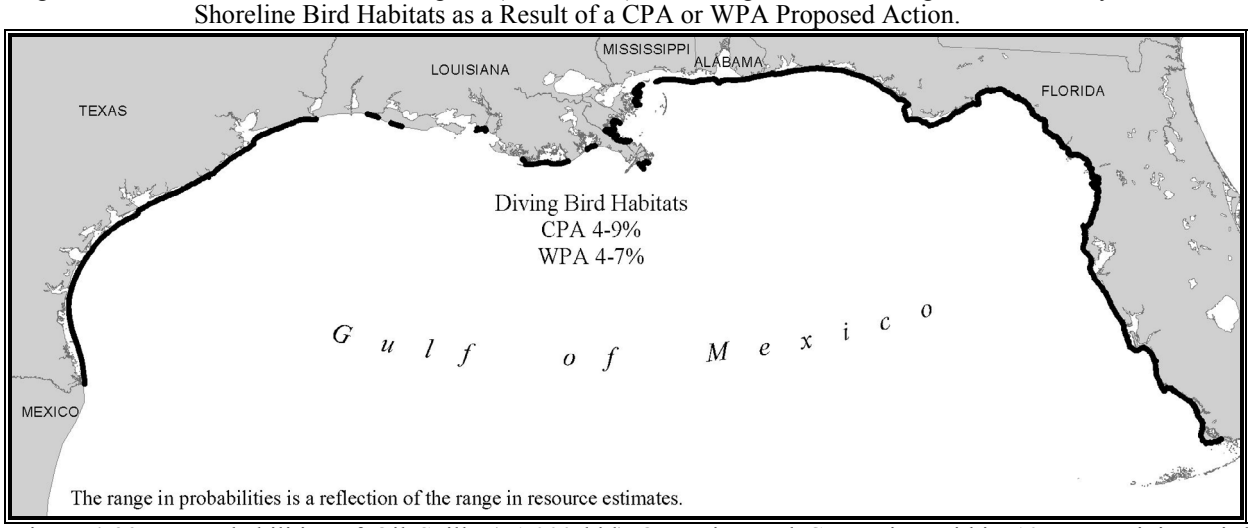

Figure 4-29. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Diving Bird Habitats as a Result of a CPA or WPA Proposed Action.

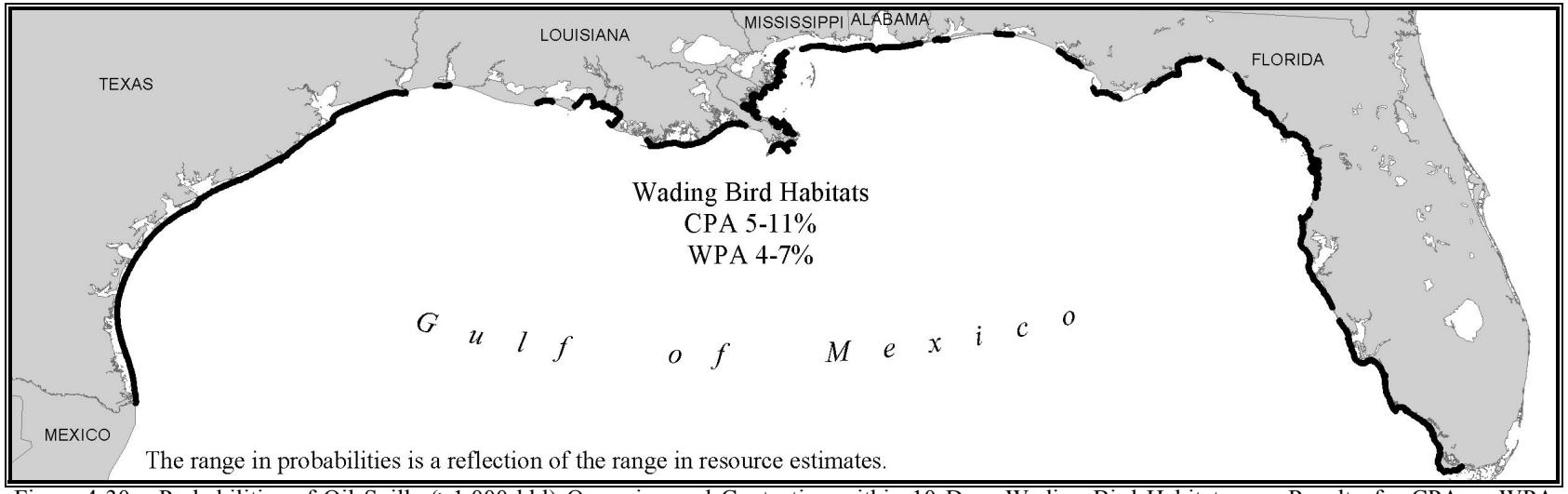

Figure 4-30. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Wading Bird Habitats as a Result of a CPA or WPA Proposed Action.

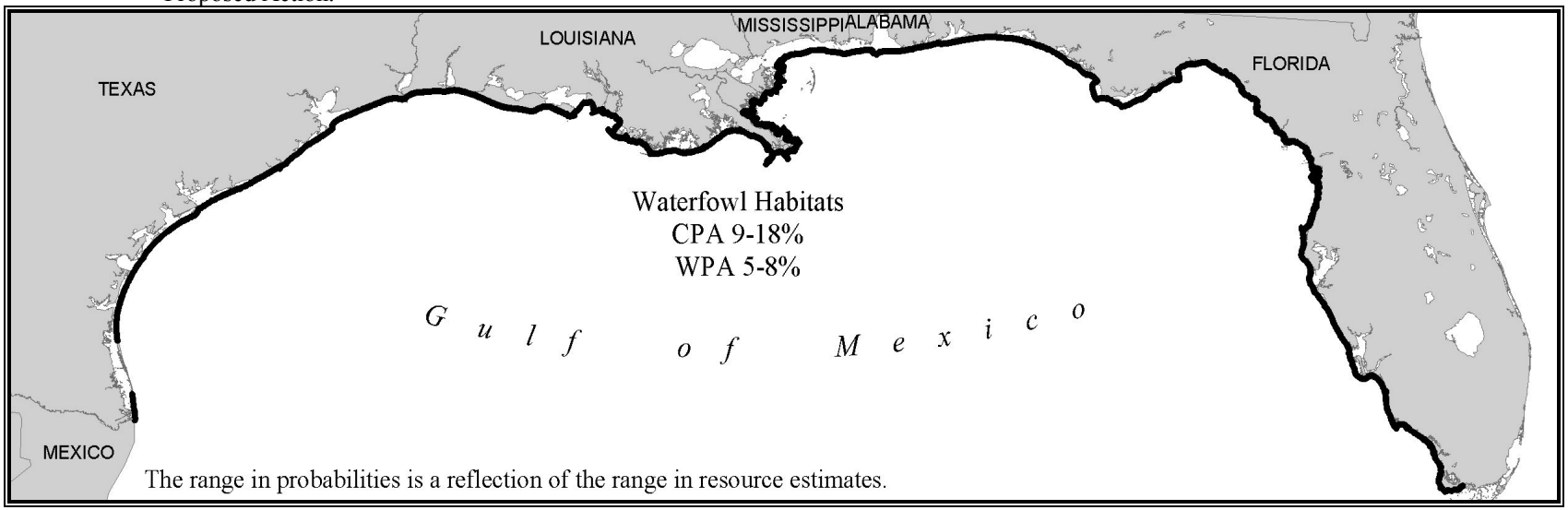

Figure 4-31. Probabilities of Oil Spills (≥1,000 bbl) Occurring and Contacting within 10 Days Waterfowl Habitats as a Result of a CPA or WPA Proposed Action.

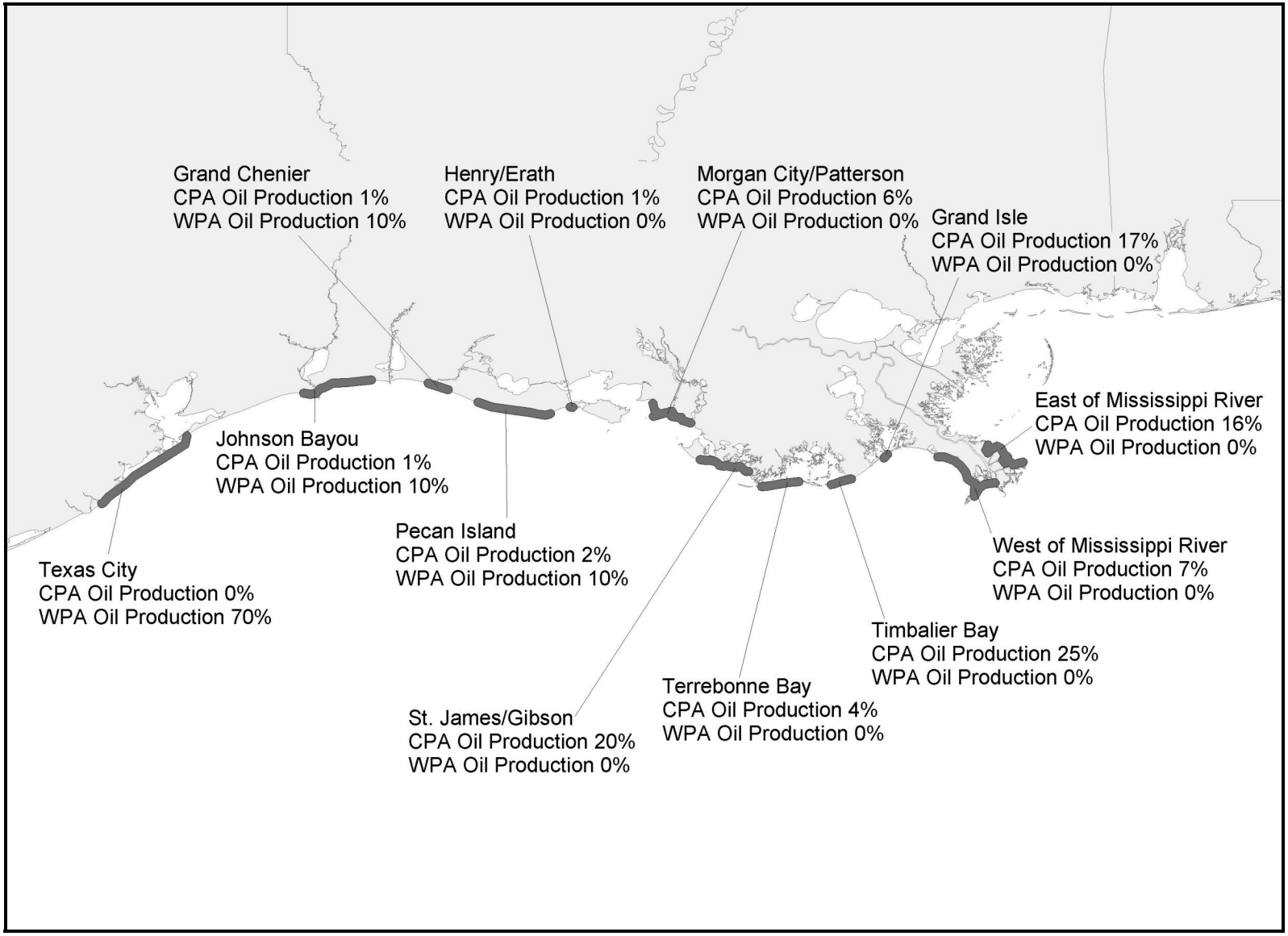

Figure 4-32. Major Oil Pipeline Landfalls Areas Developed for OSRA.

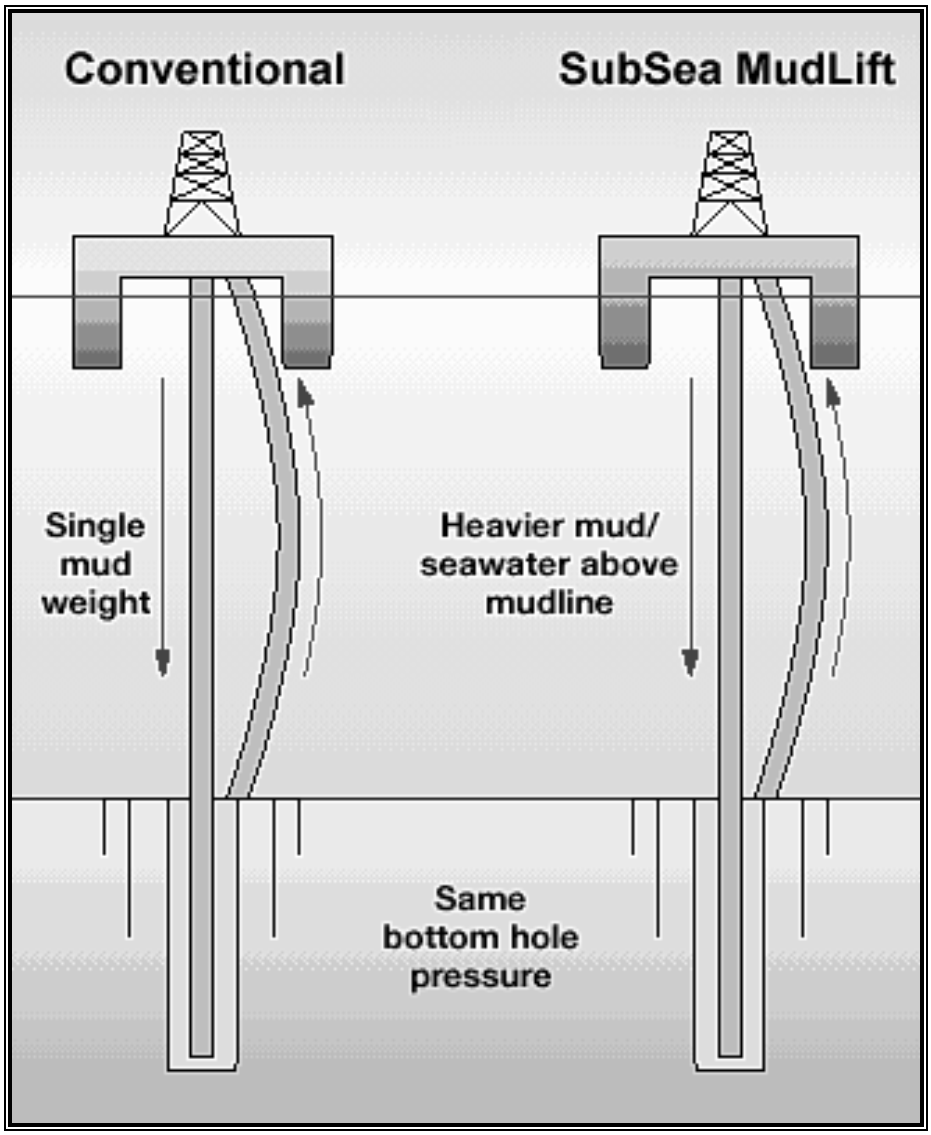

Figure 4-33. Conventional Versus Dual Gradient Drilling (DGD).

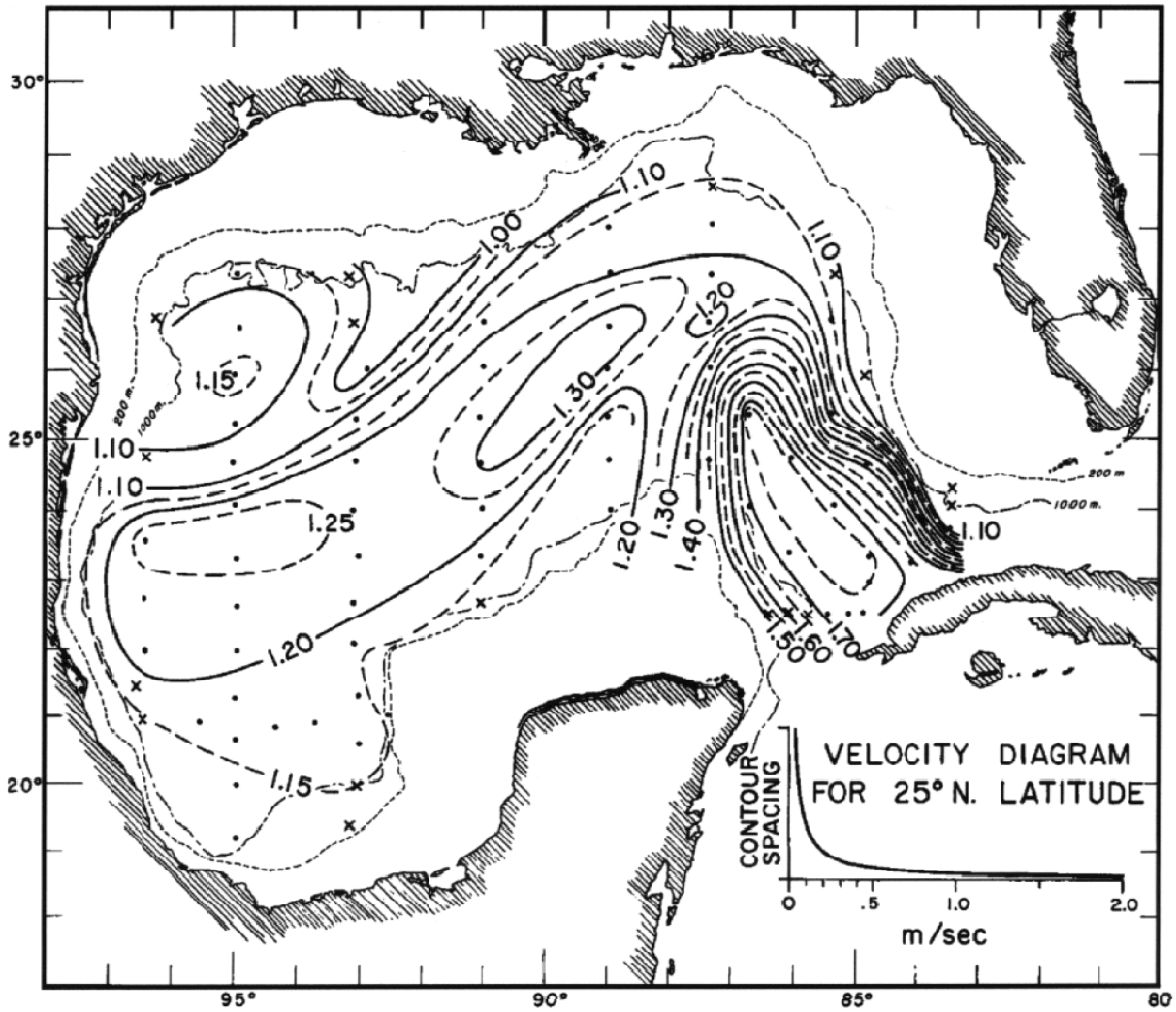

Figure 9-1. Geopotential Anomaly (dynamic m) of the Sea Surface Relative to the 1000-db Surface, Constructed from *Hidalgo* Cruise 62-H3 Data Collected February to March 1962.

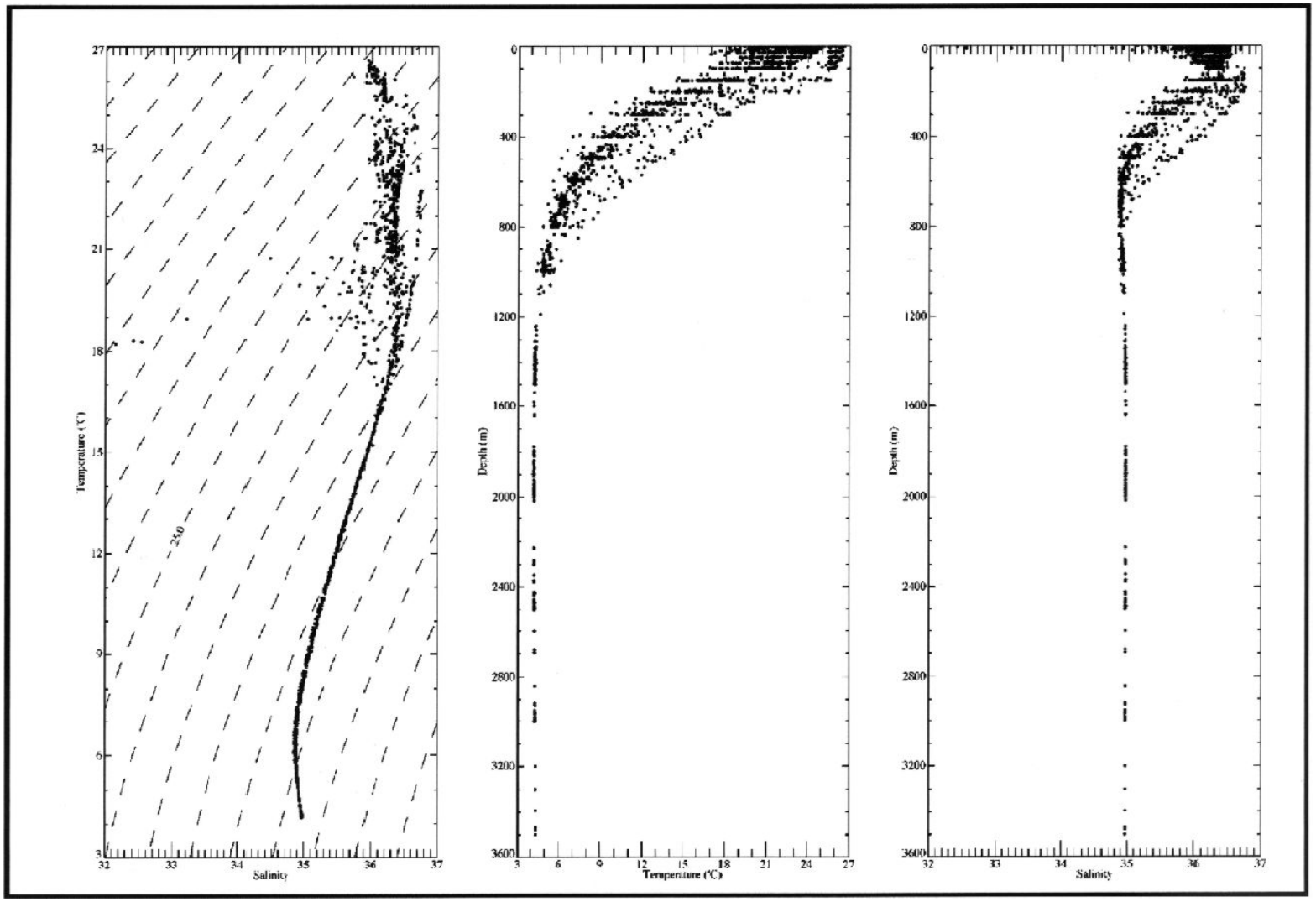

Figure 9-2. Temperature vs. Salinity, Temperature vs. Depth, and Salinity vs. Depth Based on All Data Collected during *Hidalgo* Cruise 62-H3, February to March 1962.

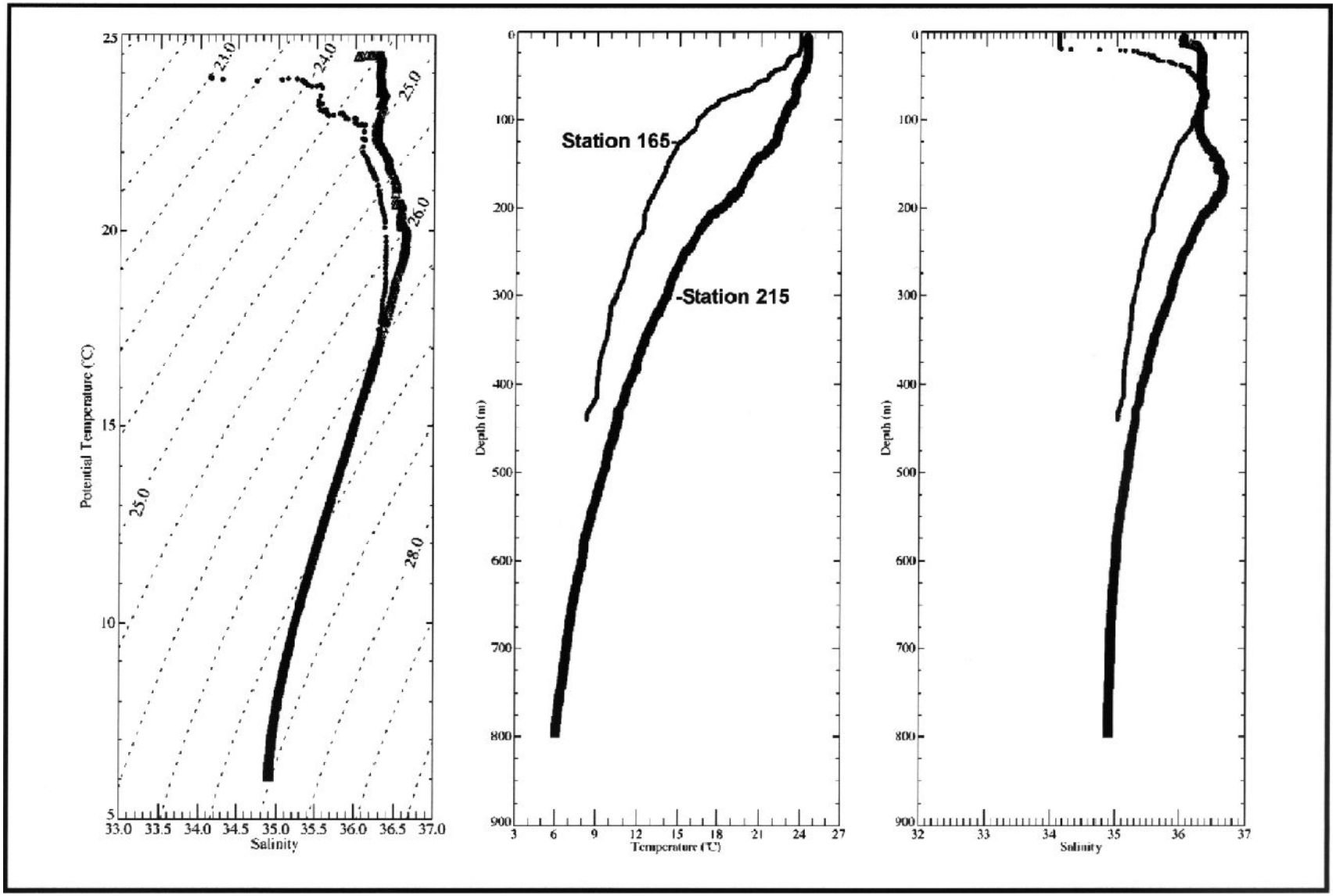

Figure 9-3. Temperature vs. Salinity, Temperature vs. Depth, and Salinity vs. Depth for Two Stations Made in Early May 1993 Over the Continental Slope Off Texas.

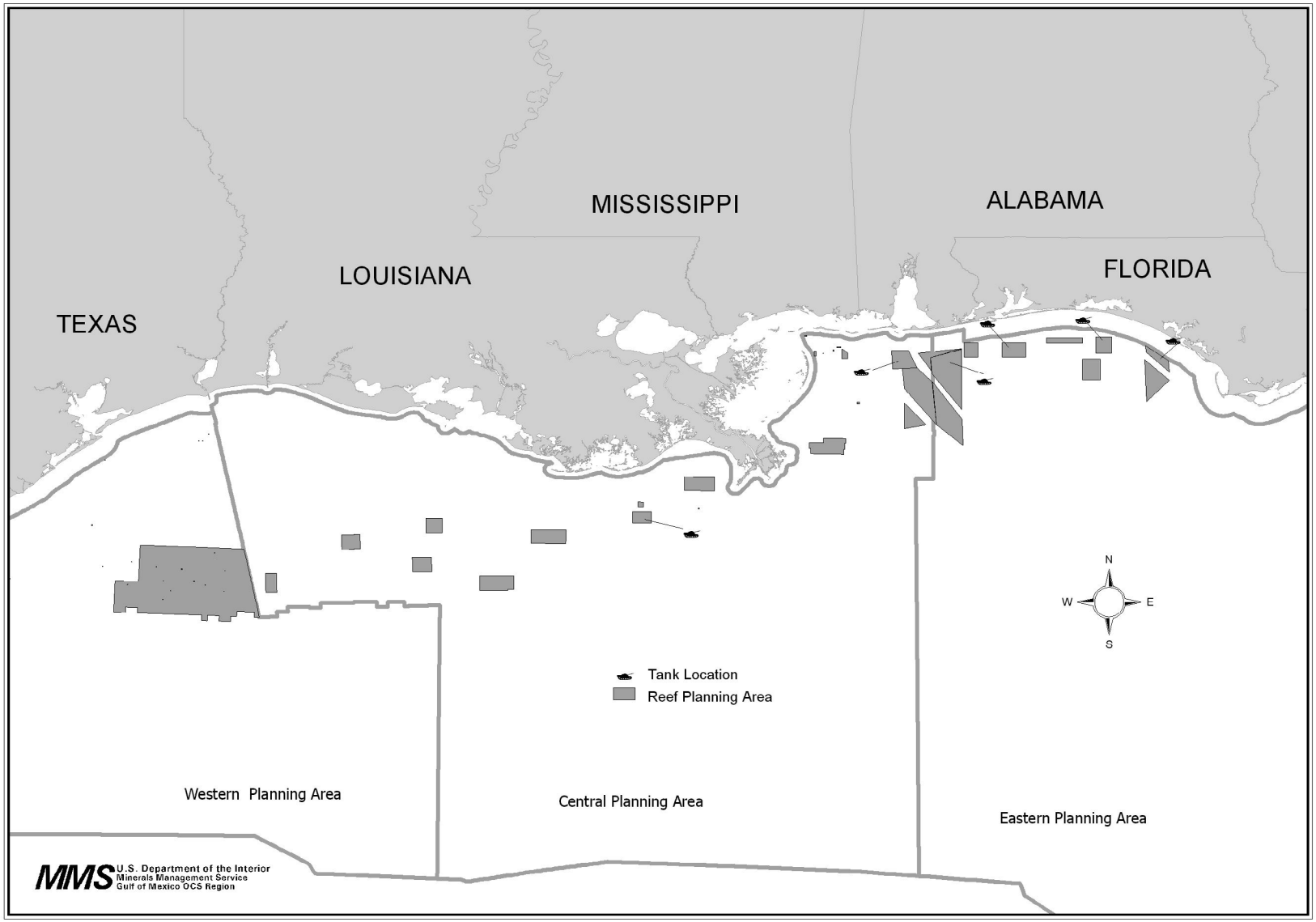

Figure 9-4. Location of Artificial Reef Planning Areas in the Gulf of Mexico.

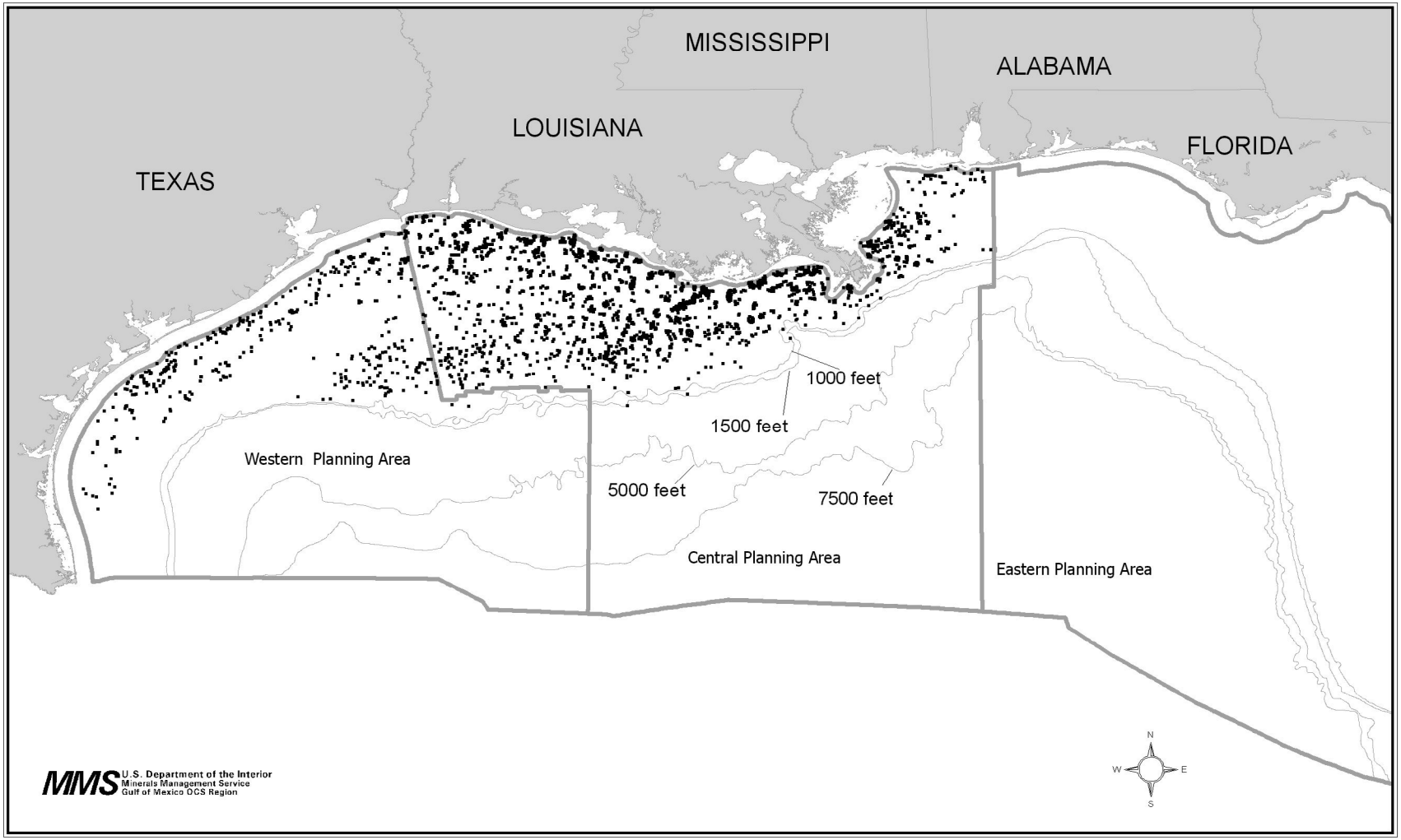

Figure 9-5. OCS Platform Distribution across the Gulf of Mexico.

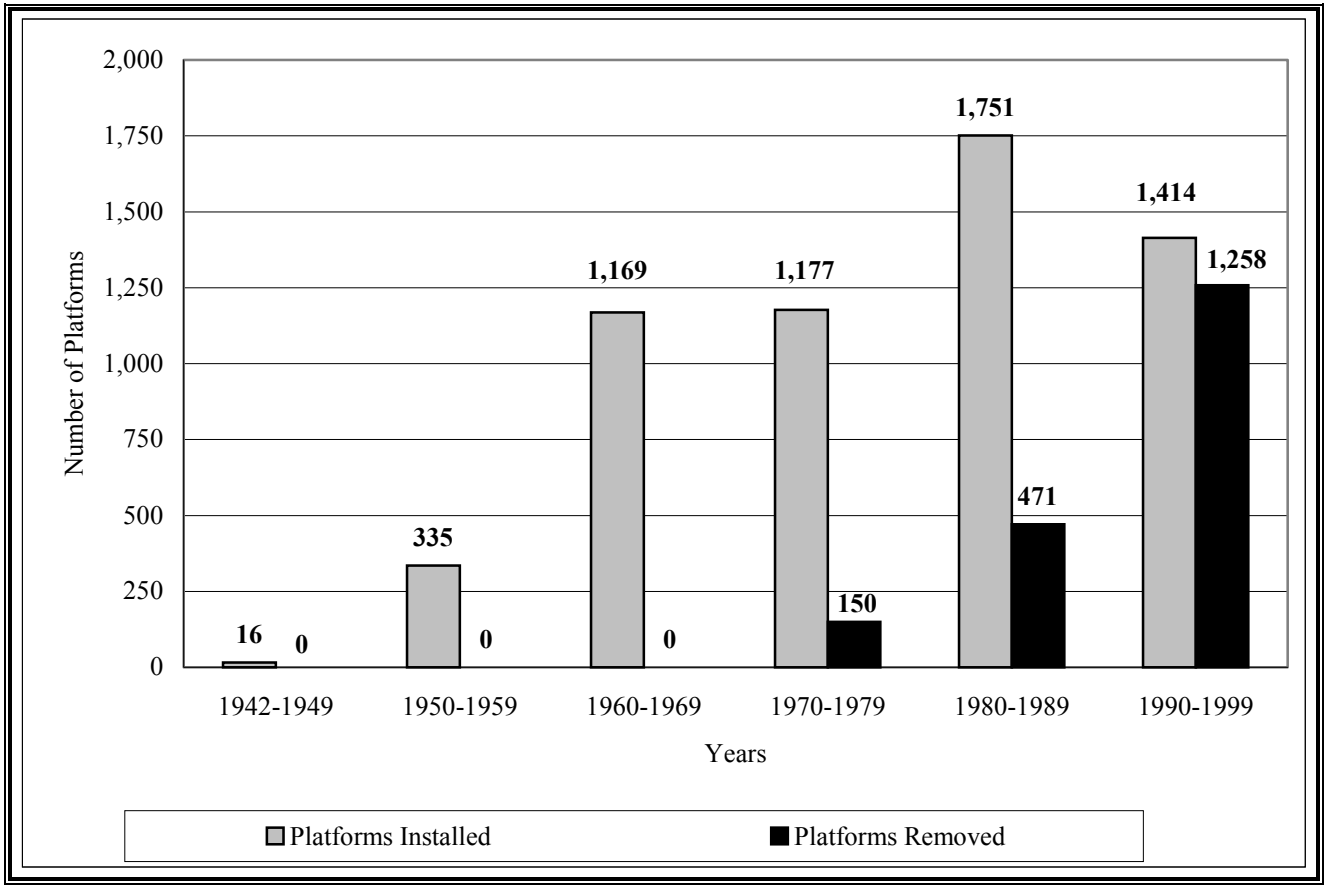

Figure 9-6. OCS Platforms Installed and Removed from 1942 to 1999.

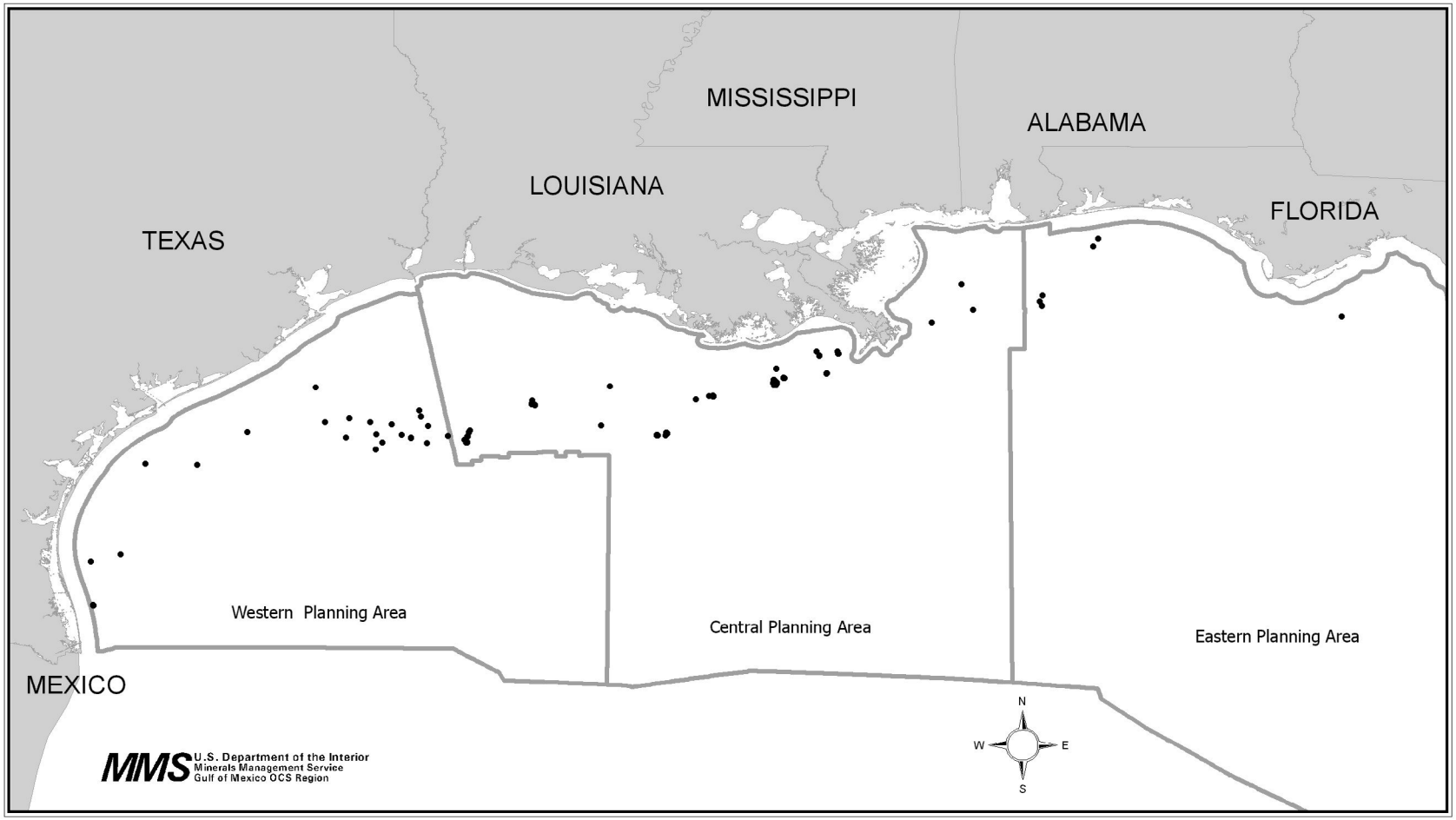

Figure 9-7. Locations of Rigs-to-Reefs in the Gulf of Mexico.

TABLES

Table 1-1

Proposed CPA and WPA Gulf of Mexico OCS
Lease Sales for 2003-2007

Sale	Area	Year
185	CPA	2003
187	WPA	2003
190	CPA	2004
192	WPA	2004
194	CPA	2005
196	WPA	2005
198	CPA	2006
200	WPA	2006
201	CPA	2007

Table 2-1

Military Contacts (as of August 2002)

Warning Areas	Command Headquarters	Telephone
W-59	Naval Air Station - JRB 400 Russel Avenue Box 27 New Orleans, Louisiana 70143-0027	(504) 391-8696/8687
W-92	Naval Air Station Air Operations Department Air Traffic Division/Code 52 New Orleans, Louisiana 70146-5000	(504) 393-3100/3101
W-147	147th Fighter Wing 147 OSF/CC 14657 Sneider Street Houston, Texas 77034-5586	(281) 929-2716/2683
W-155 (for agreement)	Chief, Naval Air Training Naval Air Station, Office No. 206 Corpus Christi, Texas 78419-5100	(512) 939-3862/3902
W-155 (for filing plans)	Naval Air Training Command Attention: Training Wing Six, Operations Pensacola, Florida 32508	(850) 452-2305
W-155 (for operational control)	Fleet Area Control & Surveillance Facility (FACSFAC) Operations Naval Air Station Pensacola, Florida 32508	(850) 452-2735/4671
W-174	Naval Air Training Command Military Radar Unit/NAS Air Operations/Tarpon Key West, Florida 33040	(305) 293-2430
W-228	Chief, Naval Air Training Office No. 206 Naval Air Station Corpus Christi, Texas 78419-5100	(512) 939-3862/3902
W-453	Air National Guard - CRTC 4715 Hews Avenue Building 1 Gulfport, Mississippi 39507-4324	(601) 867-2432/2433
W-602	Headquarters ACC/DOR, Detachment 1 Operations Headquarters, Air Combat Command Offutt AFB, Nebraska 68113-5550	(402) 294-2334
W-151, W-168, W-470, and Eglin Water Test Areas	Air Armament Center Attention: Robert J. Arnold Encroachment Committee Chairman 101 West "D" Ave., Suite 222 Eglin AFB, Florida 32542-5492	(850) 882-3614

Table 3-1

National Ambient Air Quality Standards (NAAQS)

Pollutant	Averaging Period	Primary Standards[a]	Secondary Standards[b]
Ozone	1-hour [c]	0.12 ppm (235 $\mu g/m^3$)	(same as primary)
	8-hour [d e]	0.08 ppm (157 $\mu g/m^3$)	(same as primary)
Sulphur Dioxide	Annual	0.03 ppm (80 $\mu g/m^3$)	NA
	24-hour	0.14 ppm (365 $\mu g/m^3$)	NA
	3-hour [c]	NA	1,300 $\mu g/m^3$
Carbon Monoxide	8-hour [c]	9.0 ppm (10 mg/m^3)	NA
	1-hour [c]	35 ppm (40 $mg/m^{3)}$	NA
Nitrogen Dioxide	Annual	0.053 ppm (100 $\mu g/m^{3)}$	(same as primary)
Suspended Particulate Matter (PM_{10})	Annual	50 $\mu g/m^3$	(same as primary)
	24-hour	150 $\mu g/m^3$ [f]	(same as primary)
$PM_{2.5}$[d]	Annual	15 $\mu g/m3$ [g]	(same as primary)
	24-hour	65 $\mu g/m^3$ [h]	(same as primary)
Lead	Calendar Quarter	1.5 $\mu g/m^3$	(same as primary)

[a] The levels of air quality necessary, with an adequate margin of safety to protect the public health.
[b] The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
[c] Not to be exceeded more than once a year.
[d] New standard effective 9/16/97, but as of 8/01 has not yet been fully implemented because of pending court action.
[e] Three-year average of the annual fourth-highest daily maximum 8- hour average for each monitor.
[f] Based on the 99th percentile of 24-hour PM_{10} concentration at each monitor.
[g] Based on 3-year average of annual arithmetic mean concentrations.
[h] Based on 3-year average of 98th percentile of 24-hour concentrations.

Note: mg/m^3 = milligrams per cubic meter = 1,000 $\mu g/m^{-3}$
$\mu g/m^3$ = micrograms per cubic meter.

Source: 40 CFR 50, 1997

Table 3-2

Selected Mean Tides Around the Central and Western Gulf of Mexico

	Daily Mean (cm)	Reference
Matagorda Island, Tex.	21.3	White et al., 1989
Grand Isle, La.	30.0	USDOC, NOAA, 1988
Chenier Plain, La.	36.0	Penland and Suter, 1989
Mobile Point, Ala.	36.6	Hummell, 1990

Table 3-3

Sites Monitored During the 1996-2000 Mississippi/Alabama Pinnacle Trend Ecosystem Monitoring, Final Synthesis Report

Site	Relief Category	Water Depth (m)			Site Diameter (m)	Lease Block
		Minimum	Maximum	Mean		
5	High	61.8	77.6	68.2	160	Main Pass 223
6	Low	68.2	75.7	72.8	150	Main Pass 249
7	High	69.0	88.0	77.7	200	Main Pass 286
8	Medium	87.0	97.0	92.2	100	Main Pass 285
9	Low	86.9	95.5	92.3	150	Main Pass 286

Table 3-4

Biotic Zones of Topographic Features with Bank Crest and Seafloor Depth in Meters

Feature	Area	Zone	Crest (m)	Seafloor (m)
		Shelf Edge Banks		
East Flower Gardens	Western	MS-DMP-M-S-AS-T-A-N	16	100-120
West Flower Gardens	Western	MS-DMP-M-S-AS-T-A-N	20	110-130
Alderice	Central	AS-T-A-N	55	84-90
Appelbaum	Western	AS-T-A-N	76	100-120
Bouma	Central	AS-T-A-N	60	90-100
Bright	Central	S-AS-T-A-N	37	110
Diaphus	Central	T-A-N	73	110-130
Elvers	Western	AS-T-A-N	60	180
Ewing	Central	AS-T-A-N	56	85-100
Geyer	Western	AS-T-A-N	37	190-210
Jakkula	Central	AS-T-A-N	59	120-140
MacNeil	Western	AS-T-A-N	62	86-94
McGrail	Central	S-AS-T-A-N	45	110-130
Parker	Central	AS-T-A-N	60	100
Phleger	Western	A-N	122	200
Rankin	Central/Western	AS-T-A-N	52	110-140
Rezak	Central	AS-T-A-N	60	120
Sackett	Central	AS-T-A-N	67	100
Sidner	Central	AS-T-A-N	55	150
Sweet	Central	AS-T-A-N	75	130-200
		Low-Relief Midshelf Banks		
32 Fathom	Western	T-A-N	52	55
Claypile	Western	A-N	40	50
Coffee Lump	Western	T-A-N	62	70
		Midshelf Banks		
29 Fathom	Central	T-A-N	52	72
Fishnet	Central	T-A-N	66	78
Sonnier	Central	MS-M-S-AS-T-A-N	17	50
Stetson	Western	MS-M-S-AS-T-A-N	17	52
		Low-Relief South Texas Banks		
Big Adam	Western	T-A-N	60	64
Big Dunn Bar	Western	T-A-N	61	67
Blackfish Ridge	Western	T-A-N	60	70-74
Mysterious	Western	T-A-N	70	74-86
Sebree	Western	N	31	37
Small Adam	Western	T-A-N	60	66
Small Dunn Bar	Western	T-A-N	63	67
		South Texas Banks		
Aransas	Western	T-A-N	57	70-72
Baker	Western	T-A-N	56	70-74
Dream	Western	T-A-N	62	80
Hospital	Western	T-A-N	59	70-78
North Hospital	Western	T-A-N	58	68-70
South Baker	Western	T-A-N	59	80-84
Southern	Western	T-A-N	58	80

MS = *Millepora/Sponge* Zone
M = *Madracis* Zone
AS = Algal/Sponge Zone
A = Antipatharian Zone
DMP = *Diploria/Montastraea/Porites* Zone
S = *Stephanocoernia*
T= Transitional
N= Nepheloid Zone

Sources: Rezak and Bright, 1981; Rezak et al., 1983.

Table 3-5

Sites where Chemosynthetic Megafauna have been
Collected in the Central and Western Gulf of Mexico

Fauna	Latitude (North)	Longitude (West)	MMS Lease Block	Depth (m)+	Observation Method	Data Source
VM	26°21.20'	94°29.80'	AC0645	2,200	Sub	1
M	27°23.50'	94°29.45'	EB0602	1,111	Trl	2
PG	27°27.55'	93°08.60'	GB0500	734	Trl	2
VC	27°30.05'	93°02.01'	GB0458	757	Trl	2
M	27°31.50'	92°10.50'	GB0476	750	Sub	3
MC	27°33.40'	92°32.40'	GB0424	570	Sub	3
V	27°35.00'	92°30.00'	GB0425	600	Sub	3
VC	27°34.50'	92°55.95'	GB0416	580	Sub	3
VC	27°36.00'	94°46.00'	EB0376	776	Sub	3
PG	27°36.15'	94°35.40'	EB0380	793	Trl	2
MC	27°36.50'	92°28.94'	GB0382	570	Sub	3
VC	27°36.60'	94°47.35'	EB0375	773	Trl	2
VC	27°36.82'	92°15.25'	GB0386	585	Sub, Trl	2, 3
VC	27°37.15'	92°14.40'	GB0387	781	Sub, Trl	2, 3
V	27°37.75'	91°49.15'	GC0310	780	Trl	2
VC	27°38.00'	92°17.50'	GB0342	425	Trl	2
C	27°39.15'	94°24.30'	EB0339	780	Trl	2
VC	27°39.60'	90°48.90'	GC0287	994	Sub, Trl	2
C	27°40.45'	90°29.10'	GC0293	1,042	Trl	2
VC	27°40.50'	92°18.00'	GB0297	589	Trl	2
VMC	27°40.88'	91°32.10'	GC0272	720	Sub, Trl	2, 3, 4
VC	27°42.65'	92°10.45'	GB0300	719	Trl	2
V	27°43.10'	91°30.15'	GC0229	825	Trl	2
VM	27°43.30'	91°16.30'	GC0233	650	Sub	5
VMC	27°43.70'	91°17.55'	GC0233	813	Trl	2
VM	27°44.08'	91°15.27'	GC0234	600	Sub	3, 6
VM	27°44.30'	91°19.10'	GC0232	807	Sub	3
VM	27°44.80'	91°13.30'	GC0234	550	Sub	3, 7
VC	27°45.00'	90°16.31'	GC0210	715	Sub	3
C	27°45.50'	89°58.30'	GC0216	963	Sub, Photosl	8, 2
VMC	27°46.33'	90°15.00'	GC0210	796	Sub	3
VM	27°46.65'	91°30.35'	GC0184/5	580	Sub, Trl	2, 3, 9
VM	27°46.75'	90°14.70'	GC0166	767	Sub, Trl	2, 3
VM	27°49.16'	91°31.95'	GC0140	290	Sub	10
V	27°50.00'	90°19.00'	GC0121	767	Sub	3
VM	27°53.56'	90°07.07'	GC0081	682	Photosl	11
VC	27°54.40'	90°11.90'	GC0079	685	Trl	2
VM	27°55.50'	90°27.50'	GC0030	504	Sub	3
VPG	27°56.65'	89°58.05'	GC0040	685	Trl	2
C	27°57.10'	89°54.30'	MC0969	658	Trl	2
V	27°57.25'	89°57.50'	EW1010	597	Sub, Trl	2, 3
V	27°58.70'	90°23.40'	EW1001	430	Sub, Trl	2, 3
VC	29°11.00'	88°00.00'	VK0826	545	Sub, ROV, Trl	3, 4, 12

Notes:
Fauna indicates type of chemosynthetic megafauna found at site: V=vestimentiferan tube worms, M=seep mytilids, C=vesicomyid or lucinid clams, PG=pogonophoran tube worms.
Lease block designators follow MMS standard abbreviations.
Observation methods include trawl (Trl) and submarine (Sub), or definitive photography via submarine, remotely operated vehicle (ROV), or photosled (Photosl).
Data sources give precedence to observations published in open literature. Data sources: 1-Brooks et al. (1989), 2–Kennicutt et al. (1988a,b), 3–GERG unpubl. data, 4-Callender et al. (1990), 5–MacDonald et al. (1990b), 6–MacDonald et al. (1990b), 7–MacDonald et al. (1990a), 8–Rosman et al. (1987), 9–MacDonald et al. (1989), 10–Roberts et al. (1990), 11–Boland (1986), 12–Boss (1968), Gallaway et al. (1990), Volkes (1963).

Table 3-6

The 21 Most Abundant Families in Ichthyoplankton
Samples from Quadrants of the Gulf of Mexico

Family	Rank				
	Northeast Quadrant	Southeast Quadrant	Northwest Quadrant	Southwest Quadrant	Overall
Myctophidae	1	1	1	1	1
Gonostomatidae	2	2	2	2	2
Bregmacerotidae	4	3	3	5	3
Scombridae	3	6	10	8	4
Paralepididae	6	18	7	7	5
Stromateidae	5	16	6	6	6
Gobiidae	15	8	4	9	7
Bothidae	8	5	11	4	8
Serranidae	11	15	8	10	9
Synodontidae	9	14	9	18	10
Scaridae	10	4	18	16	11
Clupeidae	21	21	5	21	12
Apogonidae	13	17	16	3	13
Carangidae	7	11	13	14	14
Labridae	14	7	17	15	15
Engraulidae	17	20	12	12	16
Gempylidae	12	10	15	11	17
Tetraodontidae	19	9	20	19	18
Anguilliformes	16	19	14	13	19
Ophidiidae	20	12	19	20	20
Scorpaenidae	18	13	21	17	21

Source: Sherman et al., 1983.

Table 3-7

Primary Depth Distribution of Larval Fishes (<10 mm standard length)
in the Gulf of Mexico North of 26º N. Latitude

Genus/Species	Depth				
	<25 m	<50 m	<100 m	50-200 m	>150 m
*Archosargus probatocephalus**	•				
Chaetodipterus faber	•				
Chloroscombrus chrysurus	•				
Cynoscion arenarius	•				
*C. nebulosus**	•				
Orthopristis chrysoptera	•				
Peprilus paru	•				
*Pogonias cromis**	•				
Anchoa spp.		•			
*Brevoortia patronus**		•			
Centropristis striata		•			
Diplectrum formosum		•			
Harengula jaguana		•			
*Lagodon rhomboides**		•			
*Leiostomus xanthurus**		•			
*Micropogonias undulatus**		•			
Opisthonema oglinum		•			
Sardinella aurita		•			
Scomberomorus maculatus		•			
Serraniculus pumilio		•			
Decapterus punctatus			•		
Peprilus burti			•		
Auxis sp.				•	
Caranx crysos				•	
Etrumeus teres				•	
Euthynnus alletteratus				•	
Hemanthias vivanus				•	
Lutjanus campechanus				•	
Scomberomorus cavalla				•	
Trachurus lathami				•	
Euthynnus pelamis					•
Istiophorus spp.					•
Xiphias gladius					•

* Indicates larvae are estuarine dependent.
Note: Depth ranges are those at which >75% of larvae were collected.
Adapted from: Ditty et al., 1988.

Table 3-8

Gulf of Mexico Essential Fish Habitat Assessment
(species under Gulf of Mexico Fishery Management Plans)

Species	Presence in Destin Dome Unit	Bay and Estuary Relationships	Adult Prey Species
Invertebrates			
brown shrimp	adult present year-round	major nursery area	oivorous
white shrimp	occurs; only most northern part	nursery area	onivorous
pink shrimp	not present	nursery area	ornivorous
stone crab	uncommon; only most northern part	nursery area	oportunistic carnivore
spiny lobster	occurs	none noted	mollusks and arthropods
Fish in Taxonomic Order			
gag grouper	occurs	seagrass beds, nursery nearshore	primarily fish
red grouper	adult present year-round	none noted	primarily fish
scamp grouper	occurs	none noted	primarily fish
tilefish	rare; only in deepest waters	none noted	primarily crustaceans
cobia	adult present during summer	nursery nearshore	primarily crustaceans and some fish
lesser amberjack	occurs	none noted	cephalopods
greater amberjack	occurs	none noted	variety fish, crustaceans, and cephalopods
dolphin fish	adult present year-round	none noted	pelagic fish
lane snapper	occurs	nursery nearshore	fish, crustaceans, mollusks, algae
gray snapper	adult present year-round	nursery nearshore	fish, shrimp, and crabs
red snapper	adult present year-round	nursery nearshore	fish, shrimp
red drum	uncommon; only most northern part	nursery nearshore	crustaceans
yellowtail snapper	occurs	none noted	benthic fish and crustaceans
king mackerel	adult present year-round; spawning	none noted	mostly fish, anchovies, and herrings
spanish mackerel	uncommon; northern part only	nursery nearshore	mostly fish, anchovies, and herrings
gray triggerfish	occurs	none noted	mostly bivalves and barnacles; also polychaetes and echinoderms

Table 3-9

Gulf of Mexico Essential Fish Habitat Assessment
(highly migratory species managed by NMFS)

Species	Presence in or Near Destin Dome Unit	Known Prey Species
Billfish		
blue marlin	Juvenile/subadult and adults occur in area beyond 100-m contour	Adults: fish at surface, and deepwater: scombrids, cephalopods
white marlin	Juvenile/subadult and adults occur in area beyond 50-m contour	Juveniles/fish; adults/squid and fish
sailfish	Juvenile/subadult only occurs to south of area beyond 200-m contour	Pelagic schooling fish and squids
Swordfish	Spawning and eggs/larvae and adults occur in area beyond 100-m contour	Larvae: zooplankton, fish larvae Juveniles: fish, squid, pelagic crustaceans Adults: pelagic fish, squid, demersal fish
Tunas		
bluefin tuna	Spawning and eggs/larvae occur in area no juvenile/subadult or adult noted	Juveniles: crustacea, larval, and small fish
shipjack tuna	Spawning, eggs/larvae occurs to south of area beyond 200-m contour	Larvae: small fish
yellowfin tuna	Spawning and eggs/larvae, subadult, and adult occurs to south of area beyond 200-m contour	Larvae: small fish Juveniles: fish Adults: crustacea and fish
Sharks		
blacktip	Late juvenile/subadult only noted in area, nearshore	None noted (unknown)
bull	Late juvenile/subadult only noted in area, nearshore	None noted (unknown)
dusky	No life stage occurrence noted, but area designated as research area	None noted (unknown)
silky	Neonate/early juvenile only noted south of area beyond 200-m contour	None noted (unknown)
tiger	Neonate/early juvenile, late juvenile, subadult, and adult occurs in area	None noted (unknown)
Atlantic sharpnose	Adults only in area	None noted (unknown)
Longfin mako	Neonate/early juvenile, and juvenile/ subadult occur to south of area beyond 200-m contour; adults occur in area beyond 100-m contour	None noted (unknown)

Table 3-10

Number of Shipwrecks by Planning Area and Lease Area

Western Gulf of Mexico Planning Area

Lease Area	Number of Wrecks
Alaminos Canyon	1
Brazos	49
Corpus Christy	1
East Breaks	5
Galveston	92
Garden Banks	1
High Island	57
Keathley Canyon	3
Matagorda Island	116
Mustang Island	102
North Padre Island	38
South Padre Island	144
Sabine Pass (Texas)	6

Central Gulf of Mexico Planning Area

Lease Area	Number of Wrecks
Bay Marchand	3
Brenton Sound	13
Chandeleur	6
East Cameron	35
Eugene Island	51
Ewing Bank	1
Green Canyon	3
Grand Island	18
Lund	13
Mississippi Canyon	20
Mobile	27
Main Pass	35
South Pelto	5
Sabine Pass (Louisiana)	22
South Marsh Island	19
South Pass	39
Ship Shoal	51
South Timbalier	46
Viosca Knoll	10
Vermilion	39
West Cameron	72
West Delta	30
Walker Ridge	2

Table 3-11

Onshore Expenditures Allocations by Coastal Subarea
(in percentages)

IMPLAN Sector	Sector Definition	TX-1	TX-2	LA-1	LA-2	LA-3	MA-1	FL-1	FL-2	FL-3	FL-4	Gulf Other	U.S. Other
38	Oil & Gas Operations	0.00	0.34	0.09	0.06	0.15	0.00	0.00	0.00	0.00	0.00	0.23	0.12
50	New Gas Utility Facilities	0.07	0.38	0.05	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.11	0.07
53	Misc Natural Resource Facility Construction	0.03	0.21	0.23	0.15	0.30	0.02	0.00	0.00	0.00	0.00	0.01	0.03
56	Maintenance and Repair, Other Facilities	0.06	0.31	0.04	0.08	0.09	0.08	0.00	0.00	0.00	0.00	0.21	0.11
57	Other Oil & Gas Field Services	0.00	0.30	0.26	0.12	0.16	0.00	0.00	0.00	0.00	0.00	0.07	0.05
160	Office Furniture and Equipment	0.15	0.54	0.00	0.00	0.08	0.23	0.00	0.00	0.00	0.00	0.00	0.00
178	Maps and Charts (Msc Publishing)	0.12	0.59	0.02	0.06	0.11	0.10	0.00	0.00	0.00	0.00	0.01	0.00
206	Explosives	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	Chemicals, NEC	0.03	0.64	0.04	0.10	0.04	0.04	0.00	0.00	0.00	0.00	0.04	0.04
210	Petroleum Fuels	0.11	0.50	0.09	0.16	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.00
232	Hydraulic Cement	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.50	0.30
258	Steel Pipe and Tubes	0.00	0.50	0.31	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.08	0.04
284	Fabricated Plate Work	0.04	0.63	0.06	0.09	0.05	0.14	0.00	0.00	0.00	0.00	0.00	0.00
290	Iron and Steel Forgings	0.00	0.81	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.14	0.00
307	Turbines	0.05	0.65	0.00	0.10	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
311	Construction Machinery & Equipment	0.06	0.42	0.00	0.06	0.19	0.11	0.00	0.00	0.00	0.00	0.11	0.06
313	O&G Field Machinery & Equipment	0.03	0.18	0.27	0.18	0.22	0.00	0.00	0.00	0.00	0.00	0.05	0.04
331	Special Industrial Machinery	0.00	0.00	0.00	0.38	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.03
332	Pumps & Compressors	0.04	0.30	0.17	0.22	0.09	0.00	0.00	0.00	0.00	0.00	0.12	0.06
354	Industrial Machines, NEC	0.05	0.66	0.06	0.10	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00
356	Switchgear	0.00	0.63	0.00	0.07	0.11	0.07	0.00	0.00	0.00	0.00	0.11	0.00
374	Communication Equipment, NEC	0.13	0.50	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.13	0.00
392	Shipbuilding and Ship Repair	0.09	0.24	0.05	0.24	0.18	0.19	0.00	0.00	0.00	0.00	0.00	0.00
399	Transportation Equipment, NEC	0.00	0.78	0.06	0.11	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
401	Lab Equipment	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
403	Instrumentation	0.01	0.13	0.39	0.27	0.08	0.00	0.00	0.00	0.00	0.00	0.08	0.04
435	Demurrage/Warehousing/Motor Freight	0.11	0.37	0.21	0.09	0.09	0.01	0.00	0.00	0.00	0.00	0.07	0.00
436	Water Transport	0.02	0.27	0.10	0.25	0.22	0.04	0.01	0.00	0.01	0.00	0.06	0.00
437	Air Transport	0.03	0.42	0.11	0.11	0.08	0.02	0.00	0.00	0.00	0.01	0.21	0.00
441	Communications	0.09	0.51	0.07	0.11	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00
443	Electric Services	0.13	0.36	0.06	0.15	0.12	0.18	0.00	0.00	0.00	0.00	0.00	0.00
444	Gas Production/Distribution	0.10	0.54	0.08	0.07	0.05	0.03	0.00	0.00	0.00	0.00	0.05	0.04
445	Water Supply	0.08	0.43	0.08	0.12	0.05	0.11	0.00	0.00	0.00	0.00	0.01	0.01
446	Waste Treatment/Disposal	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
454	Eating/Drinking	0.00	0.24	0.28	0.08	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
455	Msc Retail	0.09	0.48	0.06	0.10	0.15	0.11	0.00	0.00	0.00	0.00	0.00	0.00
459	Insurance	0.04	0.47	0.07	0.12	0.09	0.00	0.00	0.00	0.00	0.00	0.17	0.03
462	Real Estate	0.09	0.47	0.04	0.08	0.11	0.08	0.00	0.00	0.00	0.00	0.11	0.01
469	Advertisement	0.06	0.45	0.06	0.08	0.15	0.08	0.00	0.00	0.00	0.00	0.12	0.01
470	Other Business Services	0.00	0.60	0.11	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.09	0.05
473	Msc. Equipment Rental and Leasing	0.09	0.26	0.22	0.10	0.10	0.01	0.00	0.00	0.00	0.00	0.18	0.03
490	Doctors & Veterinarian Services	0.09	0.53	0.06	0.09	0.14	0.08	0.00	0.00	0.00	0.00	0.00	0.00
494	Legal Services	0.07	0.48	0.07	0.11	0.19	0.08	0.00	0.00	0.00	0.00	0.00	0.00
506	Environmental/Engineering Services	0.06	0.38	0.11	0.08	0.08	0.03	0.01	0.00	0.02	0.00	0.20	0.01
507	Acct/Msc Business Services	0.06	0.46	0.05	0.09	0.13	0.07	0.00	0.00	0.00	0.00	0.11	0.01
508	Management/Consulting Services	0.04	0.54	0.04	0.09	0.11	0.05	0.00	0.00	0.00	0.00	0.11	0.01
509	Testing/Research Facilities	0.00	0.38	0.14	0.14	0.05	0.00	0.00	0.00	0.00	0.00	0.21	0.11

Source: Dismukes et al., in preparation.

Table 3-12

Demographic and Employment Baseline Projections for the United States

United States	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	227,225.62	249,464.68	262,801.47	265,228.01	267,783.70	270,249.10	272,688.08	275,148.32	277,634.70	280,134.96
% White	0.86	0.84	0.83	0.83	0.83	0.83	0.82	0.82	0.82	0.82
% Black	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
% Other	0.02	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Hispanic	0.06	0.09	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
% 0-19 Years	0.32	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28
% 20-64 Years	0.57	0.59	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59
% 65 Years & Over	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	30.04	32.83	34.35	34.66	34.94	35.22	35.50	35.76	35.99	36.19
Total Employment (Thousands)	114,231.18	139,426.90	149,358.79	152,607.20	156,231.21	160,198.71	163,507.76	166,323.45	168,798.82	171,077.47
% Farm	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06
% Manufacturing	0.18	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16
% Finance, Ins, & Real Estate	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
% Services	0.22	0.28	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32
% Federal Civilian Govt	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$3,133.27	$4,097.14	$4,506.71	$4,653.41	$4,866.33	$5,146.04	$5,300.25	$5,440.37	$5,570.82	$5,695.95
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.24	0.19	0.18	0.17	0.17	0.17	0.17	0.16	0.16	0.16
% Transport, Comm. & Public Util	0.07	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Wholesale Trade	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.06	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09
% Services	0.18	0.25	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.30
% Federal Civilian Govt	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11
Personal Income (Millions 1996 $)	$4,191.05	$5,705.39	$6,325.13	$6,538.10	$6,809.80	$7,135.21	$7,333.66	$7,517.85	$7,693.24	$7,864.17
Income Per Capita (1996 $)	$18,444	$22,871	$24,068	$24,651	$25,430	$26,402	$26,894	$27,323	$27,710	$28,073
W&P Wealth Index (U.S. = 100)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Number Of Households (Thousands)	80,824.79	92,255.55	97,340.92	98,706.04	99,883.75	101,041.26	101,968.71	103,141.44	104,335.05	105,533.28
Persons Per Household (People)	2.74	2.63	2.63	2.62	2.61	2.61	2.61	2.60	2.59	2.59
Retail Sales Per Household (1996 $)	$21,453.00	$22,651.00	$24,103.00	$24,704.00	$25,003.00	$25,715.00	$27,311.00	$27,619.00	$27,874.00	$28,091.00
Mean Household Income (1996 $)	$50,800.00	$60,511.00	$63,637.00	$64,874.00	$66,777.00	$69,175.00	$70,463.00	$71,399.00	$72,215.00	$72,968.00

Table 3-12. Demographic and Employment Baseline Projections for the United States (continued).

United States	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Households With Money Income (Thousands)	80,824.79	92,255.55	97,340.92	98,706.04	99,883.75	101,041.26	101,968.71	103,141.44	104,335.05	105,533.28
% Less Than $10,000 (1990 $)	NA	0.15	0.14	0.13	0.13	0.12	0.12	0.12	0.11	0.11
% $10,000 to 19,999	NA	0.18	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13
% $20,000 to $29,999	NA	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.13
% $30,000 to $39,999	NA	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
% $40,000 to $49,999	NA	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14
% $50,000 to $59,999	NA	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11
% $60,000 to $74,999	NA	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10
% $75,000 to $99,999	NA	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
% $100,000 to $124,999	NA	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$1,733.91	$2,089.72	$2,346.20	$2,438.42	$2,497.36	$2,598.28	$2,784.85	$2,848.65	$2,908.27	$2,964.50

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-13

Demographic and Employment Baseline Projections for Texas

State of Texas	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	14,337.82	17,044.79	18,679.60	19,006.38	19,355.58	19,712.67	20,043.83	20,342.01	20,641.63	20,942.56
% White	0.87	0.86	0.85	0.85	0.85	0.84	0.84	0.84	0.84	0.84
% Black	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
% Other	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
% Hispanic	0.21	0.26	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32
% 0-19 Years	0.34	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.31	0.31
% 20-64 Years	0.56	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.59
% 65 Years & Over	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	28.11	30.64	32.20	32.43	32.68	32.87	33.05	33.17	33.26	33.35
Total Employment (Thousands)	7,510.66	9,306.98	10,539.01	10,847.23	11,268.59	11,678.35	11,948.12	12,192.37	12,420.28	12,639.23
% Farm	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.07	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.14	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08
% Services	0.20	0.27	0.28	0.29	0.29	0.29	0.30	0.30	0.30	0.31
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
% Federal Military Govt	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.11	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$207,443.63	$262,314.27	$310,655.14	$324,925.72	$348,911.90	$376,886.32	$387,044.66	$398,481.07	$409,612.30	$420,592.18
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Construction	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.19	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.13
% Transport, Comm. & Public Util	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Wholesale Trade	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08
% Services	0.17	0.24	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28
% Federal Civilian Govt	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
% State and Local Govt	0.09	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10
Personal Income (Millions 1996 $)	$258,593.60	$347,506.05	$410,726.10	$428,726.36	$455,647.03	$485,370.37	$500,483.01	$515,224.62	$529,720.48	$544,129.12
Income Per Capita (1996 $)	$18,036	$20,388	$21,988	$22,557	$23,541	$24,622	$24,969	$25,328	$25,663	$25,982
W&P Wealth Index (U.S. = 100)	100.79	91.93	92.65	92.63	93.24	93.90	93.55	93.43	93.35	93.29
Number Of Households (Thousands)	4,981.68	6,099.97	6,692.29	6,834.01	6,973.15	7,112.98	7,235.50	7,361.59	7,489.27	7,617.47
Persons Per Household (People)	2.81	2.73	2.73	2.72	2.71	2.71	2.71	2.70	2.69	2.69
Retail Sales Per Household (1996 $)	$25,366.00	$22,848.00	$24,812.00	$25,461.00	$25,782.00	$26,533.00	$28,168.00	$28,479.00	$28,737.00	$28,954.00
Mean Household Income (1996 $)	$50,916.00	$55,911.00	$60,226.00	$61,573.00	$64,129.00	$66,990.00	$67,927.00	$68,722.00	$69,444.00	$70,124.00
Households With Money Income (Thousands)	4,981.68	6,099.97	6,692.29	6,834.01	6,973.15	7,112.98	7,235.50	7,361.59	7,489.27	7,617.47
% Less Than $10,000 (1990 $)	NA	0.18	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13
% $10,000 to 19,999	NA	0.19	0.17	0.17	0.16	0.15	0.15	0.15	0.14	0.14
% $20,000 to $29,999	NA	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.14	0.14
% $30,000 to $39,999	NA	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
% $40,000 to $49,999	NA	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.13	0.14
% $50,000 to $59,999	NA	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10
% $60,000 to $74,999	NA	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
% $75,000 to $99,999	NA	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
% $100,000 to $124,999	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$126,364.72	$139,372.27	$166,045.71	$173,997.67	$179,780.98	$188,729.58	$203,808.56	$209,651.25	$215,215.80	$220,553.79

Table 3-13. Demographic and Employment Baseline Projections for Texas (continued).

State of Texas	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	21,241.96	21,540.14	21,836.47	23,310.91	24,803.59	26,316.46	27,847.74	29,468.12	31,182.79	32,997.24
% White	0.84	0.84	0.84	0.83	0.82	0.82	0.81	0.81	0.80	0.80
% Black	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13
% Other	0.04	0.04	0.04	0.04	0.05	0.06	0.06	0.07	0.07	0.08
% Hispanic	0.32	0.33	0.33	0.35	0.37	0.38	0.38	0.39	0.39	0.40
% 0-19 Years	0.31	0.31	0.31	0.30	0.30	0.29	0.29	0.29	0.29	0.29
% 20-64 Years	0.59	0.59	0.59	0.59	0.58	0.56	0.54	0.53	0.51	0.49
% 65 Years & Over	0.10	0.10	0.10	0.11	0.13	0.14	0.16	0.18	0.21	0.24
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	33.47	33.60	33.71	34.03	34.46	34.89	35.12	35.35	35.58	35.82
Total Employment (Thousands)	12,846.86	13,057.42	13,270.08	14,352.03	15,454.16	16,572.26	17,704.07	18,913.18	20,204.87	21,584.78
% Farm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.09	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Services	0.31	0.31	0.31	0.32	0.33	0.34	0.34	0.35	0.36	0.36
% Federal Civilian Govt.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt.	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13
Total Earnings (Millions 1996 $)	$431,372.47	$442,387.30	$453,606.42	$512,318.13	$574,946.85	$641,243.42	$711,003.26	$788,352.16	$874,115.72	$969,209.37
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05
% Manufacturing	0.13	0.13	0.13	0.13	0.12	0.11	0.11	0.10	0.10	0.10
% Transport, Comm. & Public Util	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08
% Wholesale Trade	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06
% Retail Trade	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Services	0.28	0.29	0.29	0.31	0.32	0.33	0.35	0.36	0.37	0.39
% Federal Civilian Govt.	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt.	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
Personal Income (Millions 1996 $)	$558,422.77	$573,016.56	$587,883.93	$665,973.17	$750,082.69	$840,216.28	$936,444.88	$1,043,694.38	$1,163,226.99	$1,296,449.48
Income Per Capita (1996 $)	$26,289	$26,602	$26,922	$28,569	$30,241	$31,927	$33,627	$35,418	$37,303	$39,290
W&P Wealth Index (U.S. = 100)	93.26	93.24	93.22	93.09	92.92	92.68	92.40	92.12	91.84	91.57
Number Of Households (Thousands)	7,745.31	7,872.42	7,998.56	8,610.72	9,191.57	9,717.26	10,196.21	10,698.77	11,226.10	11,779.42
Persons Per Household (People)	2.68	2.67	2.67	2.64	2.63	2.64	2.66	2.68	2.70	2.72
Retail Sales Per Household (1996 $)	$29,140.00	$29,329.00	$29,520.00	$30,532.00	$31,641.00	$32,917.00	$34,320.00	$35,782.80	$37,307.95	$38,898.10
Mean Household Income (1996 $)	$70,770.00	$71,439.00	$72,129.00	$75,867.00	$80,022.00	$84,745.00	$89,923.00	$95,417.38	$101,247.47	$107,433.79
Households With Money Income (Thousands)	7,745.31	7,872.42	7,998.56	8,610.72	9,191.57	9,717.26	10,196.21	10,698.77	11,226.10	11,779.42
% Less Than $10,000 (1990 $)	0.12	0.12	0.12	0.11	0.09	0.08	0.07	0.06	0.05	0.04
% $10,000 to 19,999	0.14	0.13	0.13	0.12	0.10	0.09	0.07	0.06	0.05	0.04
% $20,000 to $29,999	0.14	0.14	0.13	0.12	0.11	0.09	0.08	0.06	0.05	0.05
% $30,000 to $39,999	0.15	0.15	0.15	0.14	0.14	0.12	0.10	0.09	0.08	0.06
% $40,000 to $49,999	0.14	0.14	0.14	0.15	0.15	0.15	0.14	0.13	0.13	0.12
% $50,000 to $59,999	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
% $60,000 to $74,999	0.09	0.09	0.10	0.11	0.12	0.14	0.16	0.19	0.23	0.26
% $75,000 to $99,999	0.06	0.06	0.07	0.07	0.08	0.10	0.12	0.14	0.17	0.20
% $100,000 to $124,999	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.08
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
% $150,000 or More	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06
Total Retail Sales (Millions 1996 $)	$225,701.22	$230,889.01	$236,117.79	$262,903.16	$290,828.89	$319,863.30	$349,938.77	$382,842.11	$418,839.23	$458,221.01

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001

Table 3-14

Demographic and Employment Baseline Projections for Coastal Subarea TX-1

Coastal Subarea TX-1	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	717.97	792.86	873.64	886.47	897.89	907.36	913.05	923.08	933.23	943.45
% White	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
% Black	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.55	0.60	0.63	0.64	0.65	0.65	0.66	0.67	0.68	0.69
% 0-19 Years	0.38	0.36	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
% 20-64 Years	0.52	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
% 65 Years & Over	0.09	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Male	0.49	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	28.14	31.53	33.08	33.25	33.52	33.74	34.06	34.33	34.57	34.77
Total Employment (Thousands)	324.61	358.05	406.50	419.67	430.27	442.06	451.56	459.15	465.65	471.70
% Farm	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Mining	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.08	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.11	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.17	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.19	0.26	0.28	0.28	0.29	0.30	0.30	0.30	0.31	0.31
% Federal Civilian Govt	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.13	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Total Earnings (Millions 1996 $)	$8,351.98	$8,475.43	$9,824.51	$10,193.26	$10,607.99	$11,205.77	$11,593.37	$11,883.00	$12,150.04	$12,409.25
% Farm	(0.00)	0.01	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.08	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Construction	0.10	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.16	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.12
% Transport, Comm. & Public Util	0.10	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.12	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.05	0.04	0.05	0.05	0.05	0.05	0.05
% Services	0.16	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.26
% Federal Civilian Govt	0.04	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Federal Military Govt	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03
% State and Local Govt	0.11	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15
Personal Income (Millions 1996 $)	$10,642.89	$12,341.68	$14,581.30	$15,100.39	$15,634.48	$16,326.21	$16,794.19	$17,216.48	$17,620.13	$18,019.19

Table 3-14. Demographic and Employment Baseline Projections for Coastal Subarea TX-1 (continued),

Coastal Subarea TX-1	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Mean Household Income (1996 $)	$46,392.45	$46,953.45	$50,689.91	$50,177.36	$51,952.36	$53,706.91	$57,042.73	$57,792.82	$58,401.45	$58,981.91
Income Per Capita (1996 $)	$14,824	$15,566	$16,690	$17,034	$17,413	$17,993	$18,393	$18,651	$18,881	$19,099
W&P Wealth Index (U.S. = 100)	87.89	76.52	77.97	76.02	75.72	75.56	77.65	77.19	77.08	77.13
Number Of Households (Thousands)	222.99	255.98	282.02	286.86	291.12	294.35	296.13	300.08	304.11	308.18
Persons Per Household (People)	3.10	2.93	2.91	2.90	2.90	2.89	2.89	2.91	2.90	2.89
Retail Sales Per Household (1996 $)	$22,076.18	$17,532.64	$17,301.00	$17,216.64	$16,895.00	$17,390.18	$18,457.64	$18,669.36	$18,843.91	$18,991.36
Households With Money Income (Thousands)	222.99	255.98	282.02	286.86	291.12	294.35	296.13	300.08	304.11	308.18
% Less Than $10,000 (1990 $)	NA	0.24	0.22	0.21	0.20	0.20	0.19	0.19	0.18	0.18
% $10,000 to 19,999	NA	0.22	0.20	0.20	0.19	0.18	0.18	0.17	0.17	0.17
% $20,000 to $29,999	NA	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17
% $40,000 to $49,999	NA	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08
% $60,000 to $74,999	NA	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% $75,000 to $99,999	NA	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$5,871.12	$5,718.29	$6,431.20	$6,536.16	$6,532.90	$6,794.31	$7,250.49	$7,430.98	$7,601.12	$7,762.87

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-15

Demographic and Employment Baseline Projections for Coastal Subarea TX-2

Coastal Subarea TX-2	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	3,606.67	4,191.10	4,603.17	4,677.18	4,759.98	4,853.98	4,948.11	5,021.05	5,094.83	5,168.83
% White	0.79	0.78	0.77	0.76	0.76	0.76	0.76	0.76	0.75	0.75
% Black	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
% Other	0.02	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
% Hispanic	0.13	0.19	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.24
% 0-19 Years	0.34	0.32	0.32	0.32	0.32	0.32	0.32	0.31	0.31	0.31
% 20-64 Years	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
% 65 Years & Over	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
% Male	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
% Female	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Median Age Of Population (Years)	28.26	31.72	33.54	33.80	34.15	34.46	34.76	35.00	35.24	35.46
Total Employment (Thousands)	2,029.61	2,386.43	2,636.37	2,707.66	2,818.56	2,944.11	3,007.57	3,065.47	3,119.83	3,172.47
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Construction	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07
% Manufacturing	0.15	0.10	0.09	0.10	0.10	0.10	0.09	0.09	0.09	0.09
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
% Finance, Ins, & Real Estate	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Services	0.22	0.30	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.33
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.09	0.10	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Total Earnings (Millions 1996 $)	$68,219.14	$78,813.08	$92,989.99	$97,885.80	$105,451.98	$114,025.19	$115,595.32	$118,709.76	$121,767.04	$124,811.86
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.08	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08
% Construction	0.11	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.21	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.13
% Transport, Comm. & Public Util	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Wholesale Trade	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Retail Trade	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% Services	0.18	0.27	0.27	0.27	0.27	0.27	0.29	0.29	0.29	0.30
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.07	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
Personal Income (Millions 1996 $)	$78,601.32	$97,383.01	$115,648.67	$121,173.62	$129,236.85	$138,107.31	$141,215.51	$145,124.57	$148,969.13	$152,806.95
Income Per Capita (1996 $)	$21,793	$23,236	$25,124	$25,907	$27,151	$28,452	$28,539	$28,903	$29,239	$29,563
W&P Wealth Index (U.S. = 100)	104.13	86.60	86.32	85.45	86.57	86.44	86.03	85.86	85.73	85.61
Number Of Households (Thousands)	1,274.90	1,507.57	1,658.12	1,690.34	1,723.76	1,760.08	1,794.40	1,825.78	1,857.38	1,889.11
Persons Per Household (People)	2.91	2.79	2.78	2.77	2.76	2.76	2.76	2.75	2.74	2.73
Retail Sales Per Household (1996 $)	$23,753.54	$19,893.38	$22,015.92	$22,619.38	$22,895.62	$23,545.85	$24,969.85	$25,250.08	$25,481.46	$25,677.54
Mean Household Income (1996 $)	$54,012.00	$53,732.08	$57,119.69	$57,652.31	$60,293.77	$62,306.15	$63,102.85	$63,781.08	$64,384.77	$64,948.54
Households With Money Income (Thousands)	1,274.90	1,507.57	1,658.12	1,690.34	1,723.76	1,760.08	1,794.40	1,825.78	1,857.38	1,889.11
% Less Than $10,000 (1990 $)	NA	0.15	0.13	0.13	0.12	0.12	0.12	0.11	0.11	0.11
% $10,000 to 19,999	NA	0.17	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13
% $20,000 to $29,999	NA	0.17	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13
% $30,000 to $39,999	NA	0.14	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14
% $40,000 to $49,999	NA	0.11	0.12	0.12	0.13	0.14	0.14	0.14	0.14	0.14
% $50,000 to $59,999	NA	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11
% $60,000 to $74,999	NA	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10
% $75,000 to $99,999	NA	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08
% $100,000 to $124,999	NA	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$35,471.52	$35,639.69	$41,039.45	$42,496.15	$43,445.73	$45,623.87	$49,338.83	$50,724.51	$52,041.84	$53,303.41

Table 3-15. Demographic and Employment Baseline Projections for Coastal Subarea TX-2 (continued).

Coastal Subarea TX-2	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	5,242.56	5,315.76	5,388.53	5,750.78	6,117.38	6,488.76	6,864.68	7,262.38	7,683.12	8,128.23
% White	0.75	0.75	0.75	0.73	0.72	0.71	0.70	0.70	0.69	0.68
% Black	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
% Other	0.06	0.06	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14
% Hispanic	0.25	0.25	0.25	0.26	0.26	0.27	0.28	0.29	0.30	0.31
% 0-19 Years	0.31	0.31	0.31	0.30	0.29	0.29	0.29	0.29	0.28	0.28
% 20-64 Years	0.60	0.60	0.60	0.60	0.59	0.58	0.56	0.54	0.52	0.50
% 65 Years & Over	0.09	0.09	0.09	0.10	0.12	0.13	0.16	0.18	0.21	0.24
% Male	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.49
% Female	0.50	0.50	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	35.68	35.90	36.09	36.88	37.54	38.12	38.66	39.21	39.76	40.32
Total Employment (Thousands)	3,222.41	3,272.83	3,323.48	3,577.67	3,833.25	4,091.88	4,354.52	4,634.02	4,931.47	5,248.00
% Farm	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Construction	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06
% Manufacturing	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14
% Finance, Ins, & Real Estate	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Services	0.34	0.34	0.34	0.35	0.36	0.37	0.37	0.38	0.39	0.39
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$127,808.44	$130,862.99	$133,964.34	$150,035.31	$166,978.66	$184,817.13	$203,563.31	$224,210.92	$246,952.85	$272,001.50
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06
% Construction	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.05	0.05
% Manufacturing	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.11
% Transport, Comm. & Public Util	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.08
% Wholesale Trade	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Retail Trade	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06
% Finance, Ins, & Real Estate	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Services	0.30	0.31	0.31	0.32	0.34	0.35	0.36	0.38	0.39	0.40
% Federal Civilian Govt	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09
Personal Income (Millions 1996 $)	$156,606.13	$160,480.01	$164,417.73	$184,927.83	$206,734.35	$229,845.93	$254,260.27	$281,267.92	$311,144.33	$344,194.22
Income Per Capita (1996 $)	$29,872	$30,189	$30,513	$32,157	$33,795	$35,422	$37,039	$38,729	$40,497	$42,346
W&P Wealth Index (U.S. = 100)	85.52	85.44	85.35	84.91	84.47	84.02	83.55	83.08	82.62	82.16
Number Of Households (Thousands)	1,920.75	1,952.21	1,983.43	2,134.82	2,278.28	2,408.25	2,527.19	2,651.99	2,782.96	2,920.40
Persons Per Houseshold (People)	2.73	2.72	2.71	2.68	2.67	2.68	2.69	2.71	2.73	2.74
Retail Sales Per Household (1996 $)	$25,846.46	$26,017.23	$26,190.54	$27,103.69	$28,101.46	$29,257.77	$30,549.85	$31,898.98	$33,307.70	$34,778.63
Mean Household Income (1996 $)	$65,485.08	$66,036.31	$66,602.23	$69,682.00	$73,153.31	$77,149.08	$81,551.92	$86,206.04	$91,125.76	$96,326.24
Households With Money Income (Thousands)	1,920.75	1,952.21	1,983.43	2,134.82	2,278.28	2,408.25	2,527.19	2,651.99	2,782.96	2,920.40
% Less Than $10,000 (1990 $)	0.11	0.11	0.10	0.10	0.09	0.08	0.06	0.05	0.05	0.04
% $10,000 to 19,999	0.12	0.12	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04
% $20,000 to $29,999	0.12	0.12	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04
% $30,000 to $39,999	0.13	0.13	0.13	0.12	0.11	0.10	0.08	0.07	0.06	0.05
% $40,000 to $49,999	0.15	0.15	0.15	0.15	0.15	0.14	0.12	0.10	0.09	0.07
% $50,000 to $59,999	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18
% $60,000 to $74,999	0.11	0.11	0.11	0.12	0.13	0.15	0.18	0.21	0.25	0.30
% $75,000 to $99,999	0.08	0.08	0.08	0.09	0.10	0.11	0.13	0.16	0.19	0.23
% $100,000 to $124,999	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.07	0.09
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04
% $150,000 or More	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.07
Total Retail Sales (Millions 1996 $)	$54,518.04	$55,741.67	$56,974.37	$63,281.69	$69,847.01	$76,663.89	$83,716.99	$91,418.99	$99,829.58	$109,013.94

Source: Woods & Poole Economics, Inc., 2001.

Table 3-16

Demographic and Employment Baseline Projections for Louisiana

State of Louisiana	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	4,221.59	4,219.17	4,327.92	4,338.68	4,351.40	4,362.85	4,372.02	4,401.01	4,430.55	4,460.19
% White	0.70	0.68	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.65
% Black	0.29	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33
% Other	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% 0-19 Years	0.36	0.32	0.32	0.31	0.31	0.31	0.31	0.30	0.30	0.30
% 20-64 Years	0.55	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.59	0.59
% 65 Years & Over	0.10	0.11	0.11	0.11	0.12	0.11	0.11	0.12	0.12	0.12
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	27.35	31.22	32.76	33.13	33.47	33.78	34.08	34.33	34.57	34.80
Total Employment (Thousands)	1,967.78	2,019.91	2,217.10	2,264.98	2,311.83	2,362.00	2,401.76	2,436.06	2,466.69	2,495.03
% Farm	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Construction	0.08	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.11	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.07	0.06	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.20	0.26	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Total Earnings (Millions 1996 $)	$53,596.79	$52,905.25	$59,363.68	$60,434.11	$62,817.95	$65,732.08	$67,871.22	$69,384.67	$70,813.13	$72,188.01
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.08	0.06	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06
% Construction	0.11	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.13
% Transport, Comm. & Public Util	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07
% Wholesale Trade	0.07	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.17	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.12	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Personal Income (Millions 1996 $)	$67,561.20	$75,007.67	$86,387.68	$87,878.77	$90,723.52	$94,026.76	$96,373.87	$98,539.86	$100,625.98	$102,663.07
Income Per Capita (1996 $)	$16,004	$17,778	$19,961	$20,255	$20,849	$21,552	$22,043	$22,390	$22,712	$23,018
W&P Wealth Index (U.S. = 100)	88.13	79.09	82.64	82.17	81.97	81.73	81.99	81.97	81.98	82.00
Number Of Households (Thousands)	1,421.54	1,503.59	1,557.86	1,574.18	1,586.67	1,598.88	1,602.38	1,618.74	1,635.33	1,652.02
Persons Per Household (People)	2.90	2.73	2.70	2.68	2.67	2.65	2.65	2.65	2.63	2.63
Retail Sales Per Household (1996 $)	$22,271.00	$19,919.00	$22,117.00	$22,698.00	$23,013.00	$23,601.00	$25,064.00	$25,314.00	$25,518.00	$25,685.00
Mean Household Income (1996 $)	$46,656.00	$48,817.00	$54,251.00	$54,615.00	$55,934.00	$57,534.00	$58,844.00	$59,547.00	$60,178.00	$60,764.00
Households With Money Income (Thousands)	1,421.54	1,503.59	1,557.86	1,574.18	1,586.67	1,598.88	1,602.38	1,618.74	1,635.33	1,652.02
% Less Than $10,000 (1990 $)	NA	0.25	0.22	0.22	0.21	0.20	0.19	0.19	0.19	0.18
% $10,000 to 19,999	NA	0.21	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16
% $20,000 to $29,999	NA	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17
% $40,000 to $49,999	NA	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08
% $60,000 to $74,999	NA	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% $75,000 to $99,999	NA	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$31,658.67	$29,950.42	$34,455.49	$35,730.10	$36,513.40	$37,735.55	$40,161.45	$40,977.25	$41,730.59	$42,432.89

Table 3-16. Demographic and Employment Baseline Projections for Louisiana (continued).

State of Louisiana	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	4,221.59	4,219.17	4,327.92	4,338.68	4,351.40	4,362.85	4,372.02	4,401.01	4,430.55	4,460.19
% White	0.70	0.68	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.65
% Black	0.29	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33
% Other	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% 0-19 Years	0.36	0.32	0.32	0.31	0.31	0.31	0.31	0.30	0.30	0.30
% 20-64 Years	0.55	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.59	0.59
% 65 Years & Over	0.10	0.11	0.11	0.11	0.12	0.11	0.11	0.12	0.12	0.12
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	27.35	31.22	32.76	33.13	33.47	33.78	34.08	34.33	34.57	34.80
Total Employment (Thousands)	1,967.78	2,019.91	2,217.10	2,264.98	2,311.83	2,362.00	2,401.76	2,436.06	2,466.69	2,495.03
% Farm	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Construction	0.08	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.11	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.07	0.06	0.05	0.06	0.05	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.20	0.26	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Total Earnings (Millions 1996 $)	$53,596.79	$52,905.25	$59,363.68	$60,434.11	$62,817.95	$65,732.08	$67,871.22	$69,384.67	$70,813.13	$72,188.01
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.08	0.06	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06
% Construction	0.11	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.13
% Transport, Comm. & Public Util	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07
% Wholesale Trade	0.07	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.17	0.25	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.12	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Personal Income (Millions 1996 $)	$67,561.20	$75,007.67	$86,387.68	$87,878.77	$90,723.52	$94,026.76	$96,373.87	$98,539.86	$100,625.98	$102,663.07
Income Per Capita (1996 $)	$16,004	$17,778	$19,961	$20,255	$20,849	$21,552	$22,043	$22,390	$22,712	$23,018
W&P Wealth Index (U.S. = 100)	88.13	79.09	82.64	82.17	81.97	81.73	81.99	81.97	81.98	82.00
Number Of Households (Thousands)	1,421.54	1,503.59	1,557.86	1,574.18	1,586.67	1,598.88	1,602.38	1,618.74	1,635.33	1,652.02
Persons Per Household (People)	2.90	2.73	2.70	2.68	2.67	2.65	2.65	2.65	2.63	2.63
Retail Sales Per Household (1996 $)	$22,271.00	$19,919.00	$22,117.00	$22,698.00	$23,013.00	$23,601.00	$25,064.00	$25,314.00	$25,518.00	$25,685.00
Mean Household Income (1996 $)	$46,656.00	$48,817.00	$54,251.00	$54,615.00	$55,934.00	$57,534.00	$58,844.00	$59,547.00	$60,178.00	$60,764.00
Households With Money Income (Thousands)	1,421.54	1,503.59	1,557.86	1,574.18	1,586.67	1,598.88	1,602.38	1,618.74	1,635.33	1,652.02
% Less Than $10,000 (1990 $)	NA	0.25	0.22	0.22	0.21	0.20	0.19	0.19	0.19	0.18
% $10,000 to 19,999	NA	0.21	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16
% $20,000 to $29,999	NA	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17
% $40,000 to $49,999	NA	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08
% $60,000 to $74,999	NA	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% $75,000 to $99,999	NA	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$31,658.67	$29,950.42	$34,455.49	$35,730.10	$36,513.40	$37,735.55	$40,161.45	$40,977.25	$41,730.59	$42,432.89

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-17

Demographic and Employment Baseline Projections for Coastal Subarea LA-1

Coastal Subarea LA-1	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	623.26	640.83	670.74	677.32	683.90	689.36	692.52	697.70	702.97	708.33
% White	0.76	0.74	0.72	0.72	0.72	0.72	0.71	0.71	0.71	0.71
% Black	0.24	0.25	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28
% Other	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
% 0-19 Years	0.37	0.33	0.33	0.32	0.32	0.32	0.32	0.31	0.31	0.30
% 20-64 Years	0.54	0.56	0.56	0.57	0.57	0.57	0.57	0.58	0.58	0.58
% 65 Years & Over	0.09	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Male	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	26.57	30.73	32.23	32.60	32.92	33.18	33.48	33.76	34.03	34.29
Total Employment (Thousands)	296.35	302.47	337.76	351.67	366.17	377.45	383.39	388.99	394.32	399.51
% Farm	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.11	0.08	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% Construction	0.09	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.07
% Manufacturing	0.10	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09
% Transport, Comm. & Public Util	0.06	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.16	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
% Services	0.19	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$8,214.29	$7,495.65	$8,443.45	$8,963.96	$9,646.91	$10,110.22	$10,582.14	$10,822.53	$11,058.17	$11,291.53
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
% Mining	0.16	0.13	0.11	0.11	0.12	0.12	0.14	0.14	0.14	0.13
% Construction	0.12	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.15	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15
% Transport, Comm. & Public Util	0.08	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08
% Wholesale Trade	0.07	0.06	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05
% Retail Trade	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Services	0.17	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.10	0.13	0.13	0.12	0.12	0.12	0.11	0.11	0.11	0.11
Personal Income (Millions 1996 $)	$10,124.47	$10,678.76	$12,386.27	$12,945.57	$13,738.78	$14,277.59	$14,767.50	$15,081.48	$15,391.45	$15,700.34
Income Per Capita (1996 $)	$16,244	$16,664	$18,467	$19,113	$20,089	$20,711	$21,324	$21,616	$21,895	$22,165
W&P Wealth Index (U.S. = 100)	85.98	70.86	72.78	73.45	75.00	75.14	75.76	75.66	75.63	75.60
Number Of Households (Thousands)	204.35	226.55	240.06	244.49	248.20	251.52	252.78	255.65	258.56	261.50
Persons Per Household (People)	3.07	2.84	2.81	2.78	2.77	2.75	2.75	2.74	2.73	2.72
Retail Sales Per Household (1996 $)	$21,516.00	$16,089.38	$18,281.13	$18,781.50	$19,058.13	$19,548.38	$20,762.50	$20,951.13	$21,100.63	$21,220.25
Mean Household Income (1996 $)	$46,515.63	$43,569.25	$47,797.25	$49,037.50	$51,538.88	$53,386.88	$54,927.38	$55,509.63	$56,053.38	$56,566.75
Households With Money Income (Thousands)	204.35	226.55	240.06	244.49	248.20	251.52	252.78	255.65	258.56	261.50
% Less Than $10,000 (1990 $)	NA	0.27	0.24	0.23	0.22	0.21	0.21	0.20	0.20	0.19
% $10,000 to 19,999	NA	0.21	0.19	0.19	0.18	0.18	0.17	0.17	0.16	0.16
% $20,000 to $29,999	NA	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.13	0.14	0.15	0.15	0.16	0.16	0.16	0.17	0.17
% $40,000 to $49,999	NA	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
% $60,000 to $74,999	NA	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
% $75,000 to $99,999	NA	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$5,189.64	$4,495.56	$5,528.81	$5,815.85	$6,021.94	$6,262.03	$6,686.91	$6,830.48	$6,963.81	$7,088.84

Table 3-17. Demographic and Employment Baseline Projections for Coastal Subarea LA-1 (continued).

Coastal Subarea LA-1	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	713.56	718.76	723.93	749.61	775.93	803.07	830.65	859.18	888.68	919.20
% White	0.70	0.70	0.70	0.68	0.67	0.66	0.65	0.63	0.62	0.61
% Black	0.29	0.29	0.29	0.30	0.32	0.33	0.34	0.35	0.37	0.38
% Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.07
% 0-19 Years	0.30	0.30	0.30	0.29	0.28	0.28	0.28	0.28	0.28	0.28
% 20-64 Years	0.59	0.59	0.59	0.59	0.58	0.56	0.53	0.51	0.49	0.47
% 65 Years & Over	0.11	0.11	0.12	0.12	0.14	0.17	0.19	0.21	0.24	0.28
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47	0.47
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53
Median Age Of Population (Years)	34.58	34.86	35.12	36.31	37.37	38.47	39.25	40.05	40.86	41.69
Total Employment (Thousands)	404.41	409.36	414.36	439.61	465.01	490.56	516.26	543.30	571.76	601.71
% Farm	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Construction	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Services	0.28	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.32	0.33
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12
Total Earnings (Millions 1996 $)	$11,518.92	$11,749.34	$11,982.29	$13,176.48	$14,413.20	$15,690.34	$17,005.41	$18,430.70	$19,975.44	$21,649.67
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.11	0.11
% Construction	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06
% Manufacturing	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14
% Transport, Comm. & Public Util	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Services	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.30	0.31	0.32
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$16,004.96	$16,314.45	$16,628.36	$18,257.70	$19,986.35	$21,821.50	$23,771.34	$25,895.40	$28,209.26	$30,729.87
Income Per Capita (1996 $)	$22,430	$22,698	$22,969	$24,356	$25,758	$27,173	$28,618	$30,140	$31,743	$33,431
W&P Wealth Index (U.S. = 100)	75.60	75.60	75.58	75.49	75.35	75.18	75.07	74.96	74.86	74.75
Number Of Households (Thousands)	264.42	267.31	270.18	283.92	296.75	308.00	318.04	328.42	339.13	350.19
Persons Per Household (People)	2.71	2.70	2.69	2.65	2.63	2.62	2.62	2.62	2.63	2.63
Retail Sales Per Household (1996 $)	$21,317.00	$21,415.00	$21,514.50	$22,047.88	$22,642.25	$23,344.00	$24,119.38	$24,920.50	$25,748.24	$26,603.48
Mean Household Income (1996 $)	$57,053.50	$57,550.50	$58,055.13	$60,755.63	$63,761.00	$67,233.88	$71,108.13	$75,205.62	$79,539.23	$84,122.56
Households With Money Income (Thousands)	264.42	267.31	270.18	283.92	296.75	308.00	318.04	328.42	339.13	350.19
% Less Than $10,000 (1990 $)	0.19	0.19	0.18	0.16	0.15	0.13	0.11	0.10	0.09	0.07
% $10,000 to 19,999	0.16	0.15	0.15	0.13	0.12	0.11	0.09	0.08	0.07	0.06
% $20,000 to $29,999	0.16	0.16	0.16	0.14	0.13	0.12	0.10	0.09	0.08	0.07
% $30,000 to $39,999	0.17	0.17	0.18	0.18	0.19	0.18	0.17	0.16	0.15	0.14
% $40,000 to $49,999	0.13	0.13	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26
% $50,000 to $59,999	0.07	0.07	0.08	0.08	0.09	0.11	0.12	0.14	0.16	0.18
% $60,000 to $74,999	0.06	0.06	0.06	0.07	0.07	0.08	0.10	0.11	0.12	0.14
% $75,000 to $99,999	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.08
% $100,000 to $124,999	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Total Retail Sales (Millions 1996 $)	$7,206.88	$7,325.45	$7,444.53	$8,049.06	$8,671.41	$9,311.11	$9,966.66	$10,668.35	$11,419.45	$12,223.42

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001

Table 3-18

Demographic and Employment Baseline Projections for Coastal Subarea LA-2

Coastal Subarea LA-2	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	875.28	909.62	953.29	959.44	967.71	976.65	983.20	996.23	1,009.47	1,022.75
% White	0.73	0.71	0.69	0.69	0.69	0.69	0.69	0.69	0.68	0.68
% Black	0.26	0.27	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30
% Other	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% 0-19 Years	0.37	0.33	0.33	0.32	0.32	0.32	0.32	0.31	0.31	0.30
% 20-64 Years	0.55	0.58	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.60
% 65 Years & Over	0.07	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Male	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	25.63	30.09	31.43	31.78	32.06	32.30	32.55	32.75	32.95	33.15
Total Employment (Thousands)	417.89	445.36	508.39	523.94	536.02	555.29	566.28	576.13	585.09	593.56
% Farm	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.11	0.09	0.09	0.10	0.09	0.10	0.10	0.10	0.10	0.10
% Manufacturing	0.12	0.09	0.09	0.08	0.09	0.09	0.09	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.15	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.18	0.24	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15
Total Earnings (Millions 1996 $)	$12,127.94	$11,710.72	$13,458.19	$13,893.76	$14,509.99	$15,551.60	$16,035.25	$16,435.77	$16,817.12	$17,188.44
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.08	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
% Construction	0.13	0.11	0.10	0.11	0.11	0.12	0.12	0.12	0.12	0.12
% Manufacturing	0.19	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15
% Transport, Comm. & Public Util	0.08	0.07	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07
% Wholesale Trade	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.04	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.15	0.22	0.23	0.23	0.23	0.22	0.22	0.23	0.23	0.24
% Federal Civilian Govt	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
% State and Local Govt	0.15	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16
Personal Income (Millions 1996 $)	$14,828.50	$16,171.02	$18,968.66	$19,483.46	$20,254.26	$21,327.84	$21,884.52	$22,509.69	$23,118.14	$23,716.16
Income Per Capita (1996 $)	$16,941	$17,778	$19,898	$20,307	$20,930	$21,838	$22,258	$22,595	$22,901	$23,189
W&P Wealth Index (U.S. = 100)	86.05	72.03	76.07	76.25	77.47	77.75	77.55	77.49	77.47	77.46
Number Of Households (Thousands)	282.84	316.35	335.44	340.33	344.92	349.69	352.08	358.14	364.26	370.42
Persons Per Household (People)	3.16	2.91	2.88	2.86	2.84	2.83	2.83	2.82	2.80	2.79
Retail Sales Per Household (1996 $)	$21,390.40	$17,789.80	$19,948.10	$20,441.40	$20,686.30	$21,235.50	$22,554.80	$22,759.60	$22,923.00	$23,053.20
Mean Household Income (1996 $)	$48,960.00	$46,775.90	$52,805.70	$53,654.40	$55,936.50	$57,981.90	$58,828.90	$59,475.60	$60,073.40	$60,630.10
Households With Money Income (Thousands)	282.84	316.35	335.44	340.33	344.92	349.69	352.08	358.14	364.26	370.42
% Less Than $10,000 (1990 $)	NA	0.23	0.20	0.20	0.19	0.18	0.18	0.17	0.17	0.17
% $10,000 to 19,999	NA	0.20	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15
% $20,000 to $29,999	NA	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15
% $30,000 to $39,999	NA	0.14	0.15	0.16	0.16	0.17	0.17	0.17	0.17	0.18
% $40,000 to $49,999	NA	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.13	0.13
% $50,000 to $59,999	NA	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09
% $60,000 to $74,999	NA	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% $75,000 to $99,999	NA	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$7,127.24	$6,821.17	$8,149.28	$8,519.27	$8,781.89	$9,120.84	$9,738.74	$9,989.60	$10,226.48	$10,451.87

Table 3-18. Demographic and Employment Baseline Projections for Coastal Subarea LA-2 (continued).

Coastal Subarea LA-2	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	1,035.91	1,049.04	1,062.05	1,126.80	1,192.42	1,258.99	1,326.41	1,397.43	1,472.26	1,551.09
% White	0.68	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60
% Black	0.30	0.30	0.30	0.31	0.33	0.34	0.35	0.36	0.37	0.38
% Other	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
% Hispanic	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.05
% 0-19 Years	0.30	0.30	0.30	0.29	0.28	0.28	0.28	0.28	0.28	0.28
% 20-64 Years	0.60	0.60	0.60	0.60	0.59	0.57	0.55	0.53	0.51	0.49
% 65 Years & Over	0.10	0.10	0.10	0.11	0.13	0.15	0.17	0.19	0.22	0.25
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53
Median Age Of Population (Years)	33.37	33.60	33.81	34.56	35.46	36.48	37.03	37.60	38.18	38.76
Total Employment (Thousands)	601.53	609.57	617.65	658.89	702.03	747.79	796.75	848.91	904.49	963.71
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09
% Manufacturing	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.04
% Wholesale Trade	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
% Retail Trade	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.15
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04
% Services	0.27	0.28	0.28	0.29	0.31	0.33	0.35	0.37	0.40	0.42
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.15	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12
Total Earnings (Millions 1996 $)	$17,549.89	$17,916.46	$18,287.73	$20,215.72	$22,281.77	$24,514.90	$26,943.93	$29,613.63	$32,547.86	$35,772.83
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
% Construction	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.10	0.10
% Manufacturing	0.15	0.14	0.14	0.14	0.13	0.13	0.12	0.11	0.11	0.10
% Transport, Comm. & Public Util	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Retail Trade	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.07
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.24	0.24	0.25	0.27	0.29	0.31	0.34	0.37	0.40	0.43
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.16	0.15	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.12
Personal Income (Millions 1996 $)	$24,304.04	$24,900.52	$25,505.62	$28,661.53	$32,040.57	$35,649.00	$39,493.30	$43,752.16	$48,470.29	$53,697.20
Income Per Capita (1996 $)	$23,461	$23,736	$24,015	$25,436	$26,870	$28,315	$29,775	$31,309	$32,922	$34,619
W&P Wealth Index (U.S. = 100)	77.50	77.51	77.53	77.54	77.45	77.29	77.09	76.89	76.68	76.48
Number Of Households (Thousands)	376.57	382.70	388.80	418.53	447.03	473.13	497.25	522.59	549.22	577.21
Persons Per Household (People)	2.78	2.77	2.76	2.72	2.69	2.69	2.69	2.69	2.70	2.70
Retail Sales Per Household (1996 $)	$23,159.70	$23,266.70	$23,375.90	$23,964.50	$24,623.70	$25,402.90	$26,266.40	$27,159.25	$28,082.45	$29,037.04
Mean Household Income (1996 $)	$61,161.60	$61,700.20	$62,253.60	$65,204.90	$68,442.50	$72,102.60	$76,106.60	$80,332.95	$84,794.00	$89,502.78
Households With Money Income (Thousands)	376.57	382.70	388.80	418.53	447.03	473.13	497.25	522.59	549.22	577.21
% Less Than $10,000 (1990 $)	0.16	0.16	0.15	0.14	0.12	0.11	0.10	0.09	0.08	0.07
% $10,000 to 19,999	0.15	0.14	0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.06
% $20,000 to $29,999	0.14	0.14	0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.06
% $30,000 to $39,999	0.18	0.18	0.18	0.18	0.17	0.15	0.14	0.12	0.11	0.10
% $40,000 to $49,999	0.14	0.14	0.14	0.16	0.18	0.19	0.20	0.20	0.21	0.21
% $50,000 to $59,999	0.09	0.09	0.09	0.10	0.12	0.13	0.15	0.16	0.19	0.21
% $60,000 to $74,999	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.14	0.16	0.18
% $75,000 to $99,999	0.04	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10
% $100,000 to $124,999	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03
Total Retail Sales (Millions 1996 $)	$10,667.64	$10,884.79	$11,103.25	$12,217.85	$13,372.78	$14,566.91	$15,797.37	$17,131.77	$18,578.89	$20,148.24

Source: Woods & Poole Economics, Inc., 2001.

Table 3-19

Demographic and Employment Baseline Projections for Coastal Subarea LA-3

Coastal Subarea LA-3	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	1,307.66	1,284.09	1,310.63	1,308.25	1,307.18	1,306.44	1,305.48	1,310.79	1,316.36	1,321.95
% White	0.66	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62
% Black	0.33	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
% Other	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
% Hispanic	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
% 0-19 Years	0.34	0.31	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.29
% 20-64 Years	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.60	0.60
% 65 Years & Over	0.09	0.11	0.11	0.12	0.12	0.12	0.11	0.12	0.12	0.12
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	26.84	31.07	32.61	32.99	33.33	33.60	33.90	34.18	34.44	34.70
Total Employment (Thousands)	680.30	687.33	733.14	743.12	754.77	764.29	776.44	786.24	794.59	801.90
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.08	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06
% Transport, Comm. & Public Util	0.09	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.16	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.07	0.07	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06
% Services	0.23	0.31	0.33	0.33	0.33	0.33	0.34	0.34	0.35	0.35
% Federal Civilian Govt	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Total Earnings (Millions 1996 $)	$19,932.13	$19,753.90	$21,685.44	$21,773.37	$22,685.25	$23,716.37	$24,419.70	$24,931.47	$25,404.69	$25,849.66
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.07	0.06	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05
% Construction	0.10	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.14	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Transport, Comm. & Public Util	0.12	0.10	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Wholesale Trade	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% Services	0.19	0.29	0.31	0.32	0.32	0.32	0.32	0.33	0.33	0.34
% Federal Civilian Govt	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.09	0.11	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11
Personal Income (Millions 1996 $)	$23,598.78	$26,297.88	$29,691.45	$29,928.01	$30,907.75	$31,985.19	$32,694.07	$33,387.56	$34,044.65	$34,677.04
Income Per Capita (1996 $)	$18,047	$20,480	$22,654	$22,876	$23,645	$24,483	$25,044	$25,471	$25,863	$26,232
W&P Wealth Index (U.S. = 100)	94.37	83.06	84.68	83.73	84.98	85.11	85.00	84.94	84.91	84.89
Number Of Households (Thousands)	456.13	471.18	485.28	488.26	490.16	492.22	491.80	495.58	499.38	503.20
Persons Per Household (People)	3.14	2.90	2.86	2.84	2.83	2.81	2.81	2.80	2.79	2.78
Retail Sales Per Household (1996 $)	$19,000.88	$17,619.75	$17,825.50	$17,904.63	$17,776.63	$18,240.25	$19,375.00	$19,547.38	$19,685.88	$19,796.00
Mean Household Income (1996 $)	$54,068.63	$54,525.38	$58,723.75	$58,701.38	$61,237.00	$63,313.13	$64,367.13	$65,082.88	$65,725.75	$66,312.13
Households With Money Income (Thousands)	456.13	471.18	485.28	488.26	490.16	492.22	491.80	495.58	499.38	503.20
% Less Than $10,000 (1990 $)	NA	0.22	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.16
% $10,000 to 19,999	NA	0.20	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15
% $20,000 to $29,999	NA	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15
% $30,000 to $39,999	NA	0.13	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15
% $40,000 to $49,999	NA	0.10	0.11	0.11	0.11	0.12	0.12	0.13	0.13	0.13
% $50,000 to $59,999	NA	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
% $60,000 to $74,999	NA	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08
% $75,000 to $99,999	NA	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
% $100,000 to $124,999	NA	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$10,336.47	$10,140.10	$11,171.33	$11,462.79	$11,593.33	$11,945.56	$12,677.83	$12,911.58	$13,125.10	$13,322.09

Table 3-19. Demographic and Employment Baseline Projections for Coastal Subarea LA-3 (continued).

Coastal Subarea LA-3	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	1,327.50	1,332.91	1,338.20	1,364.54	1,392.06	1,420.72	1,450.33	1,480.56	1,511.42	1,542.92
% White	0.62	0.62	0.62	0.62	0.62	0.61	0.61	0.61	0.61	0.61
% Black	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36
% Other	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
% Hispanic	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10
% 0-19 Years	0.28	0.28	0.28	0.27	0.26	0.26	0.26	0.26	0.26	0.26
% 20-64 Years	0.60	0.60	0.60	0.60	0.59	0.57	0.55	0.52	0.50	0.48
% 65 Years & Over	0.12	0.12	0.12	0.13	0.15	0.17	0.19	0.22	0.24	0.28
% Male	0.48	0.48	0.48	0.47	0.47	0.47	0.47	0.47	0.47	0.47
% Female	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	0.53
Median Age Of Population (Years)	34.94	35.17	35.37	36.32	37.25	38.23	38.95	39.70	40.45	41.22
Total Employment (Thousands)	808.12	814.43	820.84	855.40	894.29	937.36	984.36	1,033.73	1,085.57	1,140.01
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Construction	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04
% Manufacturing	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.04
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Services	0.35	0.35	0.36	0.37	0.38	0.38	0.39	0.40	0.41	0.42
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13
Total Earnings (Millions 1996 $)	$26,264.56	$26,686.03	$27,115.13	$29,398.60	$31,931.58	$34,722.20	$37,776.12	$41,098.63	$44,713.37	$48,646.04
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
% Construction	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Manufacturing	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.07
% Transport, Comm. & Public Util	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.05
% Wholesale Trade	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Retail Trade	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07
% Finance, Ins, & Real Estate	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.34	0.34	0.35	0.36	0.38	0.39	0.41	0.42	0.44	0.46
% Federal Civilian Govt	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$35,283.38	$35,899.46	$36,525.87	$39,827.39	$43,420.32	$47,302.24	$51,465.86	$55,995.96	$60,924.82	$66,287.52
Income Per Capita (1996 $)	$26,579	$26,933	$27,295	$29,187	$31,191	$33,295	$35,486	$37,821	$40,310	$42,962
W&P Wealth Index (U.S. = 100)	84.88	84.87	84.86	84.76	84.62	84.49	84.41	84.32	84.24	84.15
Number Of Households (Thousands)	506.98	510.70	514.34	531.21	546.07	557.79	567.12	576.61	586.26	596.07
Persons Per Household (People)	2.77	2.76	2.75	2.70	2.68	2.67	2.67	2.67	2.67	2.67
Retail Sales Per Household (1996 $)	$19,885.38	$19,975.75	$20,067.63	$20,563.75	$21,120.50	$21,780.88	$22,514.00	$23,271.80	$24,055.11	$24,864.78
Mean Household Income (1996 $)	$66,860.00	$67,418.88	$67,991.88	$71,081.38	$74,539.88	$78,541.38	$83,013.13	$87,739.47	$92,734.92	$98,014.78
Households With Money Income (Thousands)	506.98	510.70	514.34	531.21	546.07	557.79	567.12	576.61	586.26	596.07
% Less Than $10,000 (1990 $)	0.16	0.16	0.15	0.14	0.12	0.10	0.08	0.07	0.06	0.05
% $10,000 to 19,999	0.14	0.14	0.14	0.12	0.11	0.09	0.08	0.06	0.05	0.04
% $20,000 to $29,999	0.15	0.14	0.14	0.13	0.11	0.10	0.08	0.06	0.05	0.04
% $30,000 to $39,999	0.15	0.15	0.15	0.15	0.14	0.13	0.11	0.09	0.08	0.06
% $40,000 to $49,999	0.14	0.14	0.14	0.15	0.16	0.16	0.15	0.14	0.13	0.12
% $50,000 to $59,999	0.09	0.09	0.09	0.11	0.12	0.15	0.17	0.19	0.21	0.24
% $60,000 to $74,999	0.08	0.08	0.08	0.09	0.10	0.12	0.15	0.19	0.24	0.29
% $75,000 to $99,999	0.05	0.05	0.05	0.06	0.07	0.08	0.10	0.12	0.15	0.19
% $100,000 to $124,999	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03
% $150,000 or More	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.06
Total Retail Sales (Millions 1996 $)	$13,505.24	$13,688.65	$13,872.36	$14,798.11	$15,740.98	$16,700.58	$17,674.58	$18,705.39	$19,796.33	$20,950.88

Source: Woods & Poole Economics, Inc., 2001.

Table 3-20

Demographic and Employment Baseline Projections for Mississippi

State of Mississippi	1980	1990	1996	1997	1998	1999	2000	2001	2002	2003
Total Population (Thousands)	2,524.03	2,577.42	2,690.76	2,709.86	2,731.83	2,751.39	2,768.47	2,789.50	2,809.74	2,830.10
% White	0.64	0.64	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62
% Black	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37
% Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% 0-19 Years	0.36	0.32	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.30
% 20-64 Years	0.52	0.55	0.56	0.56	0.57	0.57	0.57	0.58	0.58	0.58
% 65 Years & Over	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	27.69	31.42	32.63	32.93	33.15	33.43	33.71	33.95	34.15	34.36
Total Employment (Thousands)	1,114.28	1,210.14	1,378.66	1,403.81	1,429.66	1,462.73	1,487.43	1,509.52	1,529.55	1,548.53
% Farm	0.08	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.21	0.21	0.19	0.18	0.17	0.17	0.17	0.17	0.17	0.16
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.14	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.17	0.20	0.23	0.24	0.25	0.25	0.25	0.25	0.26	0.26
% Federal Civilian Govt	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.14	0.14	0.13	0.13	0.13	0.14	0.13	0.13	0.13	0.13
Total Earnings (Millions 1996 $)	$23,197.81	$26,567.52	$31,836.23	$32,752.36	$33,818.32	$35,645.63	$36,259.03	$37,125.56	$37,955.49	$38,770.13
% Farm	0.02	0.01	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.07	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.25	0.25	0.23	0.21	0.21	0.21	0.21	0.20	0.20	0.20
% Transport, Comm. & Public Util	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05
% Services	0.15	0.18	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.25
% Federal Civilian Govt	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Federal Military Govt	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% State and Local Govt	0.13	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Personal Income (Millions 1996 $)	$32,363.81	$39,621.92	$47,234.33	$48,897.97	$50,574.08	$52,808.96	$53,781.24	$55,018.26	$56,219.27	$57,406.89
Income Per Capita (1996 $)	$12,822	$15,373	$17,554	$18,044	$18,513	$19,194	$19,426	$19,723	$20,009	$20,284
W&P Wealth Index (U.S. = 100)	71.16	69.25	73.76	73.87	73.46	73.44	73.08	73.04	73.05	73.09
Number Of Households (Thousands)	831.37	914.50	962.56	976.24	987.01	997.46	1,003.89	1,014.18	1,024.62	1,035.11
Persons Per Household (People)	2.96	2.74	2.72	2.70	2.69	2.68	2.68	2.67	2.66	2.65
Retail Sales Per Household (1996 $)	$17,740.00	$17,470.00	$19,715.00	$20,367.00	$20,795.00	$21,362.00	$22,682.00	$22,920.00	$23,116.00	$23,279.00
Mean Household Income (1996 $)	$38,117.00	$42,357.00	$47,974.00	$48,975.00	$50,088.00	$51,757.00	$52,379.00	$53,024.00	$53,613.00	$54,175.00
Households With Money Income (Thousands)	831.37	914.50	962.56	976.24	987.01	997.46	1,003.89	1,014.18	1,024.62	1,035.11
% Less Than $10,000 (1990 $)	NA	0.27	0.23	0.22	0.22	0.21	0.20	0.20	0.19	0.19
% $10,000 to 19,999	NA	0.22	0.20	0.19	0.18	0.18	0.17	0.17	0.16	0.16
% $20,000 to $29,999	NA	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
% $30,000 to $39,999	NA	0.12	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17
% $40,000 to $49,999	NA	0.08	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% $60,000 to $74,999	NA	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
% $75,000 to $99,999	NA	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$14,748.13	$15,976.53	$18,976.69	$19,883.30	$20,525.07	$21,307.87	$22,770.60	$23,245.31	$23,685.14	$24,096.32

Table 3-20. Demographic and Employment Baseline Projections for Mississippi (continued).

State of Mississippi	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	2,850.19	2,869.91	2,889.63	2,987.89	3,088.67	3,191.96	3,297.81	3,407.17	3,520.15	3,636.88
% White	0.62	0.62	0.62	0.61	0.60	0.60	0.59	0.58	0.58	0.57
% Black	0.37	0.37	0.37	0.38	0.38	0.39	0.40	0.40	0.41	0.41
% Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
% Hispanic	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04
% 0-19 Years	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.27	0.27	0.27
% 20-64 Years	0.58	0.58	0.59	0.59	0.58	0.56	0.55	0.53	0.51	0.50
% 65 Years & Over	0.12	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.22	0.25
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53
Median Age Of Population (Years)	34.60	34.86	35.14	36.39	37.24	38.16	38.77	39.39	40.02	40.66
Total Employment (Thousands)	1,566.19	1,584.10	1,602.16	1,694.88	1,790.63	1,888.78	1,988.83	2,094.18	2,205.11	2,321.92
% Farm	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.16	0.16	0.16	0.15	0.14	0.14	0.13	0.12	0.12	0.11
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.26	0.27	0.27	0.29	0.30	0.31	0.33	0.34	0.35	0.36
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Total Earnings (Millions 1996 $)	$39,562.28	$40,368.04	$41,186.47	$45,455.76	$49,999.59	$54,797.65	$59,831.49	$65,327.76	$71,328.93	$77,881.38
% Farm	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.20	0.20	0.20	0.19	0.18	0.17	0.17	0.16	0.15	0.14
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
% Retail Trade	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.25	0.26	0.26	0.28	0.30	0.31	0.33	0.35	0.37	0.39
% Federal Civilian Govt	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Personal Income (Millions 1996 $)	$58,575.31	$59,764.69	$60,974.06	$67,309.35	$74,113.18	$81,377.10	$89,096.10	$97,547.27	$106,800.08	$116,930.55
Income Per Capita (1996 $)	$20,551	$20,825	$21,101	$22,527	$23,995	$25,494	$27,017	$28,631	$30,341	$32,154
W&P Wealth Index (U.S. = 100)	73.15	73.21	73.26	73.53	73.77	73.97	74.13	74.29	74.45	74.61
Number Of Households (Thousands)	1,045.52	1,055.82	1,065.98	1,114.21	1,158.43	1,195.85	1,227.56	1,260.10	1,293.52	1,327.81
Persons Per Household (People)	2.65	2.64	2.63	2.60	2.58	2.58	2.58	2.58	2.58	2.58
Retail Sales Per Household (1996 $)	$23,418.00	$23,557.00	$23,699.00	$24,451.00	$25,276.00	$26,234.00	$27,301.00	$28,411.40	$29,566.96	$30,769.52
Mean Household Income (1996 $)	$54,710.00	$55,259.00	$55,822.00	$58,872.00	$62,268.00	$66,125.00	$70,356.00	$74,857.72	$79,647.48	$84,743.72
Households With Money Income (Thousands)	1,045.52	1,055.82	1,065.98	1,114.21	1,158.43	1,195.85	1,227.56	1,260.10	1,293.52	1,327.81
% Less Than $10,000 (1990 $)	0.18	0.18	0.17	0.15	0.13	0.12	0.10	0.08	0.07	0.06
% $10,000 to 19,999	0.16	0.15	0.15	0.13	0.12	0.10	0.08	0.07	0.06	0.05
% $20,000 to $29,999	0.18	0.17	0.17	0.16	0.14	0.12	0.10	0.09	0.07	0.06
% $30,000 to $39,999	0.17	0.17	0.17	0.18	0.19	0.18	0.17	0.15	0.14	0.13
% $40,000 to $49,999	0.12	0.13	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.23
% $50,000 to $59,999	0.08	0.08	0.08	0.09	0.10	0.12	0.13	0.16	0.18	0.21
% $60,000 to $74,999	0.06	0.06	0.06	0.07	0.08	0.10	0.12	0.14	0.17	0.20
% $75,000 to $99,999	0.03	0.03	0.03	0.04	0.05	0.05	0.07	0.08	0.10	0.12
% $100,000 to $124,999	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
% $125,000 to $149,999	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02
% $150,000 or More	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
Total Retail Sales (Millions 1996 $)	$24,483.61	$24,872.40	$25,262.86	$27,243.38	$29,280.25	$31,372.09	$33,514.09	$35,802.34	$38,246.82	$40,858.21

Source: Woods & Poole Economics, Inc., 2001.

Table 3-21

Demographic and Employment Baseline Projections for Alabama

State of Alabama	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	3,899.67	4,048.53	4,262.73	4,290.47	4,320.28	4,350.97	4,369.78	4,405.93	4,442.24	4,478.87
% White	0.74	0.74	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
% Black	0.26	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
% Other	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% 0-19 Years	0.34	0.29	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27
% 20-64 Years	0.55	0.58	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60
% 65 Years & Over	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	29.32	33.14	34.62	34.97	35.24	35.60	35.95	36.28	36.59	36.89
Total Employment (Thousands)	1,736.00	2,061.91	2,262.68	2,297.70	2,343.08	2,386.33	2,428.08	2,465.55	2,499.67	2,531.66
% Farm	0.05	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
% Construction	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.22	0.19	0.18	0.17	0.17	0.16	0.16	0.16	0.16	0.15
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.14	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
% Services	0.17	0.22	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27
% Federal Civilian Govt	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Total Earnings (Millions 1996 $)	$41,781.35	$52,915.01	$59,568.03	$60,577.04	$62,590.87	$64,960.53	$66,622.39	$68,208.41	$69,729.15	$71,209.89
% Farm	0.01	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01
% Agricultural Services	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.27	0.23	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.20
% Transport, Comm. & Public Util	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Finance, Ins, & Real Estate	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
% Services	0.14	0.20	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.25
% Federal Civilian Govt	0.08	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Federal Military Govt	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Personal Income (Millions 1996 $)	$55,750.97	$74,851.05	$85,703.91	$87,221.38	$90,097.21	$93,131.84	$95,407.83	$97,706.25	$99,937.68	$102,132.17
Income Per Capita (1996 $)	$14,296	$18,488	$20,105	$20,329	$20,854	$21,405	$21,834	$22,176	$22,497	$22,803
W&P Wealth Index (U.S. = 100)	78.34	82.17	84.59	83.34	82.74	82.02	82.10	82.08	82.10	82.12
Number Of Households (Thousands)	1,348.32	1,513.54	1,613.31	1,632.37	1,648.21	1,663.42	1,670.77	1,689.84	1,709.28	1,728.81
Persons Per Household (People)	2.83	2.61	2.59	2.57	2.57	2.56	2.56	2.55	2.54	2.53
Retail Sales Per Household (1996 $)	$17,957.00	$19,834.00	$21,492.00	$22,075.00	$22,386.00	$23,026.00	$24,453.00	$24,707.00	$24,915.00	$25,086.00
Mean Household Income (1996 $)	$40,681.00	$48,551.00	$52,197.00	$52,511.00	$53,728.00	$55,030.00	$56,131.00	$56,825.00	$57,453.00	$58,043.00
Households With Money Income (Thousands)	1,348.32	1,513.54	1,613.31	1,632.37	1,648.21	1,663.42	1,670.77	1,689.84	1,709.28	1,728.81
% Less Than $10,000 (1990 $)	NA	0.22	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.16
% $10,000 to 19,999	NA	0.21	0.18	0.18	0.17	0.17	0.16	0.16	0.16	0.15
% $20,000 to $29,999	NA	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.17	0.17
% $40,000 to $49,999	NA	0.09	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13
% $50,000 to $59,999	NA	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09
% $60,000 to $74,999	NA	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
% $75,000 to $99,999	NA	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$24,212.07	$30,019.93	$34,672.43	$36,033.88	$36,897.45	$38,302.50	$40,855.27	$41,751.63	$42,585.95	$43,369.68

Table 3-21. Demographic and Employment Baseline Projections for Alabama (continued).

State of Alabama	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	4,515.37	4,551.33	4,586.97	4,764.17	4,945.34	5,130.52	5,319.02	5,514.44	5,717.05	5,927.10
% White	0.73	0.72	0.72	0.72	0.71	0.71	0.70	0.69	0.69	0.68
% Black	0.26	0.27	0.27	0.27	0.28	0.28	0.29	0.30	0.30	0.31
% Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03
% 0-19 Years	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.25
% 20-64 Years	0.60	0.60	0.61	0.60	0.59	0.57	0.55	0.53	0.51	0.50
% 65 Years & Over	0.13	0.13	0.13	0.14	0.16	0.18	0.20	0.22	0.25	0.28
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53
Median Age Of Population (Years)	37.16	37.42	37.66	39.11	40.10	40.92	41.64	42.37	43.12	43.88
Total Employment (Thousands)	2,561.02	2,590.32	2,619.50	2,764.30	2,909.20	3,055.95	3,205.31	3,361.98	3,526.31	3,698.67
% Farm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.12	0.11	0.11
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.27	0.28	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
% Federal Military Govt	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Total Earnings (Millions 1996 $)	$72,635.84	$74,073.06	$75,520.78	$82,926.15	$90,645.88	$98,716.17	$107,151.19	$116,306.96	$126,245.08	$137,032.37
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Manufacturing	0.20	0.19	0.19	0.19	0.18	0.17	0.17	0.16	0.15	0.15
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.25	0.26	0.26	0.28	0.29	0.31	0.32	0.34	0.35	0.37
% Federal Civilian Govt	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
% Federal Military Govt	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$104,281.30	$106,458.71	$108,663.42	$120,102.40	$132,270.28	$145,207.12	$158,933.80	$173,958.08	$190,402.63	$208,401.71
Income Per Capita (1996 $)	$23,095	$23,391	$23,690	$25,210	$26,746	$28,303	$29,880	$31,545	$33,302	$35,158
W&P Wealth Index (U.S. = 100)	82.16	82.20	82.23	82.31	82.32	82.28	82.20	82.12	82.04	81.96
Number Of Households (Thousands)	1,748.23	1,767.46	1,786.47	1,877.30	1,961.48	2,034.46	2,098.46	2,164.47	2,232.56	2,302.79
Persons Per Household (People)	2.53	2.52	2.51	2.48	2.46	2.46	2.47	2.48	2.49	2.50
Retail Sales Per Household (1996 $)	$25,232.00	$25,378.00	$25,527.00	$26,315.00	$27,180.00	$28,182.00	$29,287.00	$30,435.33	$31,628.68	$32,868.82
Mean Household Income (1996 $)	$58,597.00	$59,161.00	$59,735.00	$62,792.00	$66,156.00	$69,978.00	$74,173.00	$78,619.48	$83,332.51	$88,328.08
Households With Money Income (Thousands)	1,748.23	1,767.46	1,786.47	1,877.30	1,961.48	2,034.46	2,098.46	2,164.47	2,232.56	2,302.79
% Less Than $10,000 (1990 $)	0.16	0.16	0.15	0.14	0.12	0.11	0.09	0.08	0.07	0.06
% $10,000 to 19,999	0.15	0.15	0.14	0.13	0.11	0.10	0.09	0.07	0.06	0.05
% $20,000 to $29,999	0.15	0.15	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06
% $30,000 to $39,999	0.17	0.18	0.18	0.18	0.18	0.16	0.14	0.13	0.11	0.10
% $40,000 to $49,999	0.13	0.13	0.14	0.15	0.16	0.18	0.18	0.19	0.19	0.20
% $50,000 to $59,999	0.09	0.09	0.09	0.10	0.11	0.13	0.15	0.17	0.20	0.22
% $60,000 to $74,999	0.07	0.07	0.07	0.08	0.09	0.11	0.12	0.15	0.17	0.20
% $75,000 to $99,999	0.04	0.04	0.04	0.05	0.06	0.06	0.08	0.09	0.11	0.12
% $100,000 to $124,999	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
% $150,000 or More	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03
Total Retail Sales (Millions 1996 $)	$44,110.91	$44,855.47	$45,603.44	$49,401.86	$53,313.56	$57,335.69	$61,458.45	$65,877.65	$70,614.62	$75,692.20

Source: Woods & Poole Economics, Inc., 2001.

Table 3-22

Demographic and Employment Baseline Projections for Coastal Subarea MA-1

Coastal Subarea MA-1	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	755.95	801.08	869.61	874.81	884.45	893.22	902.16	912.12	922.23	932.40
% White	0.75	0.74	0.74	0.74	0.73	0.73	0.73	0.73	0.73	0.73
% Black	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
% Other	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
% 0-19 Years	0.36	0.31	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.28
% 20-64 Years	0.55	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59
% 65 Years & Over	0.09	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
% Male	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	28.18	32.73	33.99	34.40	34.64	34.90	35.22	35.49	35.72	35.97
Total Employment (Thousands)	342.96	383.28	453.71	462.88	476.61	493.64	503.94	512.97	521.07	528.79
% Farm	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.07	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.17	0.15	0.12	0.12	0.11	0.12	0.11	0.11	0.11	0.11
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04
% Wholesale Trade	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.15	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
% Finance, Ins, & Real Estate	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.19	0.24	0.28	0.28	0.29	0.29	0.29	0.30	0.30	0.30
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.07	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% State and Local Govt	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$8,411.34	$9,572.47	$11,530.87	$11,749.28	$12,268.31	$13,123.42	$13,425.69	$13,767.92	$14,091.70	$14,409.50
% Farm	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.06	0.07	0.07	0.08	0.09	0.08	0.08	0.08	0.08
% Manufacturing	0.25	0.22	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17
% Transport, Comm. & Public Util	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.15	0.21	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28
% Federal Civilian Govt	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Federal Military Govt	0.07	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
% State and Local Govt	0.10	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$10,859.44	$13,635.22	$16,518.71	$16,955.39	$17,570.38	$18,451.20	$18,891.99	$19,375.40	$19,841.98	$20,304.26
Income Per Capita (1996 $)	$14,365	$17,021	$18,996	$19,382	$19,866	$20,657	$20,941	$21,242	$21,515	$21,776
W&P Wealth Index (U.S. = 100)	77.82	74.36	77.73	77.12	76.98	77.22	76.63	76.41	76.22	76.06
Number Of Households (Thousands)	252.28	290.64	318.84	323.58	327.94	332.10	335.53	340.40	345.33	350.28
Persons Per Household (People)	2.96	2.70	2.67	2.66	2.65	2.64	2.64	2.63	2.62	2.61
Retail Sales Per Household (1996 $)	$18,806.33	$18,014.00	$19,759.33	$20,175.67	$20,427.00	$21,013.50	$22,322.00	$22,549.00	$22,735.00	$22,889.00
Mean Household Income (1996 $)	$41,319.17	$44,413.67	$48,784.17	$49,340.00	$50,866.33	$52,888.50	$53,329.83	$53,807.50	$54,225.00	$54,619.17
Households With Money Income (Thousands)	252.28	290.64	318.84	323.58	327.94	332.10	335.53	340.40	345.33	350.28
% Less Than $10,000 (1990 $)	NA	0.21	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16
% $10,000 to 19,999	NA	0.21	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16
% $20,000 to $29,999	NA	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16
% $30,000 to $39,999	NA	0.14	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.18
% $40,000 to $49,999	NA	0.09	0.11	0.11	0.11	0.12	0.12	0.13	0.13	0.13
% $50,000 to $59,999	NA	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09
% $60,000 to $74,999	NA	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07
% $75,000 to $99,999	NA	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$5,161.17	$5,920.76	$7,073.48	$7,345.73	$7,550.67	$7,862.69	$8,437.09	$8,648.26	$8,847.21	$9,036.22

Table 3-22. Demographic and Employment Baseline Projections for Coastal Subarea MA-1 (continued).

Coastal Subarea MA-1	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	942.52	952.58	962.52	1,011.99	1,062.35	1,113.54	1,165.53	1,219.93	1,276.88	1,336.49
% White	0.73	0.72	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.67
% Black	0.26	0.26	0.26	0.27	0.27	0.28	0.29	0.30	0.30	0.31
% Other	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.05	0.07	0.08
% 0-19 Years	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26
% 20-64 Years	0.59	0.59	0.59	0.59	0.58	0.56	0.54	0.52	0.51	0.49
% 65 Years & Over	0.13	0.13	0.13	0.14	0.15	0.17	0.19	0.21	0.24	0.27
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47	0.47
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53
Median Age Of Population (Years)	36.23	36.50	36.75	37.80	38.75	39.45	39.87	40.30	40.73	41.16
Total Employment (Thousands)	536.05	543.46	550.94	589.07	627.83	667.15	707.01	749.25	794.02	841.46
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10
% Manufacturing	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
% Wholesale Trade	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.16
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04
% Services	0.31	0.31	0.31	0.33	0.34	0.35	0.36	0.37	0.39	0.40
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
% Federal Military Govt	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02
% State and Local Govt	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Total Earnings (Millions 1996 $)	$14,719.34	$15,036.20	$15,358.79	$17,039.47	$18,816.93	$20,685.83	$22,643.89	$24,787.30	$27,133.60	$29,701.99
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Manufacturing	0.16	0.16	0.16	0.15	0.15	0.14	0.13	0.13	0.12	0.11
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04
% Wholesale Trade	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
% Services	0.28	0.29	0.29	0.31	0.33	0.35	0.36	0.38	0.40	0.42
% Federal Civilian Govt	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
% Federal Military Govt	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03
% State and Local Govt	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11
Personal Income (Millions 1996 $)	$20,760.94	$21,227.59	$21,702.97	$24,194.22	$26,864.50	$29,715.02	$32,751.13	$36,097.46	$39,785.71	$43,850.79
Income Per Capita (1996 $)	$22,027	$22,284	$22,548	$23,908	$25,288	$26,685	$28,100	$29,590	$31,158	$32,810
W&P Wealth Index (U.S. = 100)	75.93	75.81	75.69	75.17	74.71	74.28	73.88	73.49	73.10	72.71
Number Of Households (Thousands)	355.22	360.13	365.00	388.55	410.84	430.83	448.97	467.88	487.58	508.12
Persons Per Household (People)	2.60	2.60	2.59	2.56	2.54	2.54	2.55	2.56	2.57	2.58
Retail Sales Per Household (1996 $)	$23,018.33	$23,149.33	$23,282.50	$23,987.00	$24,762.33	$25,663.50	$26,660.67	$27,696.58	$28,772.74	$29,890.72
Mean Household Income (1996 $)	$54,990.00	$55,381.50	$55,791.83	$58,091.67	$60,745.33	$63,856.50	$67,338.17	$71,009.67	$74,881.35	$78,964.12
Households With Money Income (Thousands)	355.22	360.13	365.00	388.55	410.84	430.83	448.97	467.88	487.58	508.12
% Less Than $10,000 (1990 $)	0.15	0.15	0.14	0.13	0.12	0.10	0.09	0.08	0.07	0.06
% $10,000 to 19,999	0.15	0.15	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06
% $20,000 to $29,999	0.15	0.15	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06
% $30,000 to $39,999	0.19	0.19	0.19	0.19	0.18	0.17	0.14	0.13	0.11	0.10
% $40,000 to $49,999	0.13	0.14	0.14	0.16	0.18	0.19	0.20	0.21	0.22	0.23
% $50,000 to $59,999	0.09	0.09	0.09	0.10	0.11	0.13	0.15	0.17	0.20	0.23
% $60,000 to $74,999	0.07	0.07	0.07	0.08	0.09	0.10	0.12	0.14	0.16	0.19
% $75,000 to $99,999	0.04	0.04	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10
% $100,000 to $124,999	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03
Total Retail Sales (Millions 1996 $)	$9,216.85	$9,398.65	$9,581.59	$10,515.14	$11,483.14	$12,484.63	$13,517.25	$14,635.28	$15,845.78	$17,156.41

Source: Woods & Poole Economics, Inc., 2001.

Table 3-23

Demographic and Employment Baseline Projections for Florida

State of Florida	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	9,841.13	13,018.39	14,185.34	14,426.90	14,683.34	14,908.26	15,111.31	15,351.87	15,595.40	15,839.50
% White	0.85	0.85	0.83	0.83	0.83	0.83	0.82	0.82	0.82	0.82
% Black	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16
% Other	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.09	0.12	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16
% 0-19 Years	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
% 20-64 Years	0.55	0.56	0.56	0.55	0.56	0.56	0.56	0.56	0.56	0.56
% 65 Years & Over	0.17	0.18	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18
% Male	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.52	0.52	0.52	0.52	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	34.67	36.00	37.38	37.71	38.00	38.35	38.72	39.04	39.31	39.57
Total Employment (Thousands)	4,695.17	6,802.38	7,576.19	7,830.65	8,083.73	8,348.69	8,590.13	8,802.84	8,996.21	9,177.59
% Farm	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.10	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.18	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18
% Finance, Ins, & Real Estate	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Services	0.25	0.31	0.35	0.35	0.35	0.36	0.36	0.36	0.37	0.37
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Total Earnings (Millions 1996 $)	$114,860.72	$181,748.75	$207,076.56	$215,167.23	$225,381.07	$241,063.14	$250,324.43	$259,132.72	$267,517.00	$275,663.14
% Farm	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.12	0.10	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Transport, Comm. & Public Util	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Wholesale Trade	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.13	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Finance, Ins, & Real Estate	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10
% Services	0.22	0.29	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34
% Federal Civilian Govt	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% State and Local Govt	0.11	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$179,098.09	$301,855.71	$340,683.10	$355,135.85	$369,381.96	$388,431.31	$402,024.73	$415,543.48	$428,746.99	$441,824.21
Income Per Capita (1996 $)	$18,199	$23,187	$24,017	$24,616	$25,157	$26,055	$26,604	$27,068	$27,492	$27,894
W&P Wealth Index (U.S. = 100)	103.32	104.94	102.61	102.70	101.63	101.32	101.52	101.65	101.77	101.91
Number Of Households (Thousands)	3,795.27	5,160.20	5,552.62	5,668.39	5,774.54	5,880.56	5,962.85	6,069.02	6,176.36	6,284.01
Persons Per Houseshold (People)	2.54	2.46	2.50	2.49	2.49	2.48	2.48	2.48	2.47	2.47
Retail Sales Per Household (1996 $)	$22,551.00	$25,051.00	$26,327.00	$26,794.00	$26,958.00	$27,704.00	$29,412.00	$29,759.00	$30,051.00	$30,300.00
Mean Household Income (1996 $)	$46,426.00	$57,390.00	$60,305.00	$61,569.00	$62,873.00	$64,934.00	$66,298.00	$67,327.00	$68,257.00	$69,132.00
Households With Money Income (Thousands)	3,795.27	5,160.20	5,552.62	5,668.39	5,774.54	5,880.56	5,962.85	6,069.02	6,176.36	6,284.01
% Less Than $10,000 (1990 $)	NA	0.15	0.14	0.13	0.13	0.12	0.12	0.11	0.11	0.11
% $10,000 to 19,999	NA	0.20	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.14
% $20,000 to $29,999	NA	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.14
% $30,000 to $39,999	NA	0.15	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17
% $40,000 to $49,999	NA	0.10	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15
% $50,000 to $59,999	NA	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10
% $60,000 to $74,999	NA	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08
% $75,000 to $99,999	NA	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
% $100,000 to $124,999	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$85,587.32	$129,269.93	$146,182.51	$151,876.90	$155,669.28	$162,915.32	$175,381.73	$180,610.26	$185,604.20	$190,407.02

Table 3-23. Demographic and Employment Baseline Projections for Florida (continued).

State of Florida	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	16,082.68	16,324.40	16,564.97	17,761.79	18,972.57	20,198.55	21,439.21	22,756.08	24,153.84	25,637.46
% White	0.81	0.81	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73
% Black	0.16	0.16	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21
% Other	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.06	0.06
% Hispanic	0.17	0.17	0.17	0.18	0.19	0.20	0.21	0.23	0.24	0.25
% 0-19 Years	0.26	0.26	0.26	0.25	0.24	0.24	0.24	0.24	0.24	0.24
% 20-64 Years	0.56	0.56	0.56	0.56	0.56	0.54	0.51	0.49	0.47	0.45
% 65 Years & Over	0.18	0.18	0.18	0.18	0.20	0.22	0.24	0.27	0.30	0.33
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	39.83	40.07	40.29	40.89	41.23	41.22	41.45	41.68	41.91	42.15
Total Employment (Thousands)	9,345.21	9,512.21	9,678.70	10,507.68	11,336.44	12,165.10	12,988.87	13,868.41	14,807.52	15,810.21
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
% Agricultural Services	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
% Manufacturing	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Wholesale Trade	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Retail Trade	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.16
% Finance, Ins, & Real Estate	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Services	0.37	0.37	0.38	0.39	0.40	0.41	0.42	0.42	0.43	0.44
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Total Earnings (Millions 1996 $)	$283,506.32	$291,422.50	$299,419.57	$340,808.58	$384,743.26	$431,195.24	$479,905.52	$534,118.39	$594,455.46	$661,608.54
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04
% Manufacturing	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05
% Transport, Comm. & Public Util	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05
% Wholesale Trade	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05
% Retail Trade	0.11	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.08
% Finance, Ins, & Real Estate	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Services	0.35	0.35	0.35	0.37	0.39	0.40	0.42	0.43	0.44	0.46
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Personal Income (Millions 1996 $)	$454,737.94	$467,850.26	$481,170.79	$551,187.83	$627,466.44	$710,587.88	$801,033.30	$902,990.85	$1,017,925.81	$1,147,489.99
Income Per Capita (1996 $)	$28,275	$28,660	$29,047	$31,032	$33,072	$35,180	$37,363	$39,681	$42,144	$44,759
W&P Wealth Index (U.S. = 100)	102.04	102.16	102.28	102.79	103.26	103.73	104.22	104.71	105.21	105.70
Number Of Households (Thousands)	6,391.23	6,497.72	6,603.27	7,113.58	7,594.29	8,025.92	8,415.90	8,824.83	9,253.62	9,703.26
Persons Per Household (People)	2.46	2.46	2.46	2.44	2.44	2.46	2.49	2.52	2.55	2.58
Retail Sales Per Household (1996 $)	$30,518.00	$30,738.00	$30,962.00	$32,142.00	$33,435.00	$34,914.00	$36,538.00	$38,237.54	$40,016.13	$41,877.45
Mean Household Income (1996 $)	$69,956.00	$70,792.00	$71,641.00	$76,173.00	$81,227.00	$87,025.00	$93,496.00	$100,448.17	$107,917.29	$115,941.80
Households With Money Income (Thousands)	6,391.23	6,497.72	6,603.27	7,113.58	7,594.29	8,025.92	8,415.90	8,824.83	9,253.62	9,703.26
% Less Than $10,000 (1990 $)	0.11	0.10	0.10	0.09	0.08	0.06	0.05	0.04	0.03	0.03
% $10,000 to 19,999	0.14	0.14	0.13	0.12	0.10	0.08	0.07	0.06	0.05	0.04
% $20,000 to $29,999	0.14	0.14	0.13	0.12	0.10	0.08	0.07	0.06	0.05	0.04
% $30,000 to $39,999	0.17	0.16	0.16	0.15	0.13	0.11	0.09	0.07	0.06	0.05
% $40,000 to $49,999	0.15	0.15	0.15	0.16	0.17	0.16	0.14	0.12	0.10	0.09
% $50,000 to $59,999	0.10	0.10	0.10	0.12	0.14	0.16	0.16	0.17	0.17	0.18
% $60,000 to $74,999	0.09	0.09	0.09	0.11	0.12	0.15	0.18	0.22	0.26	0.32
% $75,000 to $99,999	0.06	0.06	0.06	0.07	0.08	0.10	0.13	0.15	0.19	0.23
% $100,000 to $124,999	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.09
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04
% $150,000 or More	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08
Total Retail Sales (Millions 1996 $)	$195,049.02	$199,729.44	$204,448.31	$228,647.88	$253,914.08	$280,217.26	$307,496.30	$337,430.95	$370,279.72	$406,326.31

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-24

Demographic and Employment Baseline Projections for Coastal Subarea FL-1

Coastal Subarea FL-1	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	522.28	645.08	714.73	728.48	744.39	754.47	759.52	772.44	785.47	798.60
% White	0.84	0.84	0.82	0.82	0.82	0.81	0.81	0.81	0.81	0.80
% Black	0.14	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15
% Other	0.02	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Hispanic	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
% 0-19 Years	0.33	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29
% 20-64 Years	0.58	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
% 65 Years & Over	0.09	0.11	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	29.76	33.13	34.80	35.16	35.55	35.94	36.39	36.73	37.03	37.29
Total Employment (Thousands)	238.81	330.22	373.96	388.20	401.91	409.60	419.41	428.39	436.90	445.16
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.09	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.17	0.20	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.20
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Services	0.20	0.26	0.30	0.29	0.30	0.31	0.31	0.32	0.32	0.33
% Federal Civilian Govt	0.08	0.07	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Federal Military Govt	0.14	0.11	0.09	0.09	0.10	0.09	0.08	0.08	0.08	0.08
% State and Local Govt	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09
Total Earnings (Millions 1996 $)	$5,967.42	$8,546.66	$9,528.28	$10,069.85	$10,541.78	$10,989.41	$11,327.66	$11,634.50	$11,934.07	$12,231.38
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.12	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Retail Trade	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Finance, Ins, & Real Estate	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.16	0.21	0.25	0.24	0.24	0.26	0.27	0.27	0.28	0.28
% Federal Civilian Govt	0.14	0.12	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.07
% Federal Military Govt	0.20	0.18	0.16	0.17	0.17	0.16	0.16	0.15	0.15	0.15
% State and Local Govt	0.10	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.10	0.10
Personal Income (Millions 1996 $)	$7,657.65	$12,155.29	$13,815.30	$14,878.31	$15,664.93	$16,263.52	$16,817.37	$17,323.87	$17,827.41	$18,333.25
Income Per Capita (1996 $)	$14,662	$18,843	$19,329	$20,424	$21,044	$21,556	$22,142	$22,428	$22,697	$22,957
W&P Wealth Index (U.S. = 100)	79.21	81.88	79.61	83.21	83.23	82.36	83.01	82.79	82.63	82.51
Number Of Households (Thousands)	182.45	243.25	266.80	272.80	278.94	282.22	284.14	289.38	294.72	300.06
Persons Per Household (People)	2.78	2.56	2.60	2.59	2.59	2.58	2.58	2.57	2.57	2.56
Retail Sales Per Household (1996 $)	$19,548.00	$20,962.00	$23,022.40	$23,614.00	$23,906.00	$24,631.00	$26,154.40	$26,470.80	$26,734.40	$26,961.20
Mean Household Income (1996 $)	$39,073.20	$46,413.60	$48,398.20	$51,096.20	$52,658.20	$54,002.60	$55,590.20	$56,171.40	$56,708.60	$57,234.60
Households With Money Income (Thousands)	182.45	243.25	266.80	272.80	278.94	282.22	284.14	289.38	294.72	300.06
% Less Than $10,000 (1990 $)	NA	0.16	0.15	0.14	0.13	0.13	0.12	0.12	0.12	0.12
% $10,000 to 19,999	NA	0.21	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.15
% $20,000 to $29,999	NA	0.20	0.19	0.18	0.18	0.17	0.16	0.16	0.16	0.15
% $30,000 to $39,999	NA	0.15	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19
% $40,000 to $49,999	NA	0.10	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15
% $50,000 to $59,999	NA	0.06	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.09
% $60,000 to $74,999	NA	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% $75,000 to $99,999	NA	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$4,030.10	$5,704.00	$6,718.44	$7,023.53	$7,249.11	$7,557.04	$8,063.39	$8,293.81	$8,513.27	$8,723.84

Table 3-24. Demographic and Employment Baseline Projections for Coastal Subarea FL-1 (continued).

Coastal Subarea FL-1	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	811.64	824.59	837.50	901.80	966.76	1,032.55	1,099.13	1,170.00	1,245.44	1,325.75
% White	0.80	0.80	0.80	0.78	0.76	0.75	0.73	0.72	0.71	0.69
% Black	0.15	0.16	0.16	0.16	0.17	0.18	0.19	0.20	0.20	0.21
% Other	0.05	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11
% Hispanic	0.04	0.04	0.04	0.05	0.05	0.06	0.07	0.08	0.09	0.11
% 0-19 Years	0.29	0.29	0.29	0.28	0.27	0.26	0.26	0.26	0.26	0.26
% 20-64 Years	0.58	0.58	0.58	0.58	0.57	0.56	0.53	0.51	0.49	0.46
% 65 Years & Over	0.13	0.13	0.13	0.14	0.16	0.18	0.21	0.24	0.27	0.30
% Male	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
% Female	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Median Age Of Population (Years)	37.53	37.73	37.91	38.79	39.07	39.34	39.79	40.24	40.70	41.16
Total Employment (Thousands)	453.14	461.26	469.46	511.40	554.27	597.75	641.62	688.71	739.26	793.51
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
% Retail Trade	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21
% Finance, Ins, & Real Estate	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05
% Services	0.33	0.33	0.34	0.36	0.37	0.38	0.40	0.41	0.42	0.43
% Federal Civilian Govt	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02
% Federal Military Govt	0.08	0.08	0.08	0.07	0.06	0.06	0.06	0.05	0.05	0.04
% State and Local Govt	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Total Earnings (Millions 1996 $)	$12,525.42	$12,825.96	$13,132.28	$14,740.17	$16,463.33	$18,294.21	$20,227.30	$22,364.66	$24,727.86	$27,340.78
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.04
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02
% Retail Trade	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.29	0.29	0.30	0.32	0.34	0.37	0.38	0.40	0.43	0.45
% Federal Civilian Govt	0.07	0.07	0.07	0.06	0.06	0.05	0.05	0.05	0.04	0.04
% Federal Military Govt	0.15	0.14	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.09
% State and Local Govt	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09
Personal Income (Millions 1996 $)	$18,841.11	$19,361.56	$19,893.88	$22,726.84	$25,846.93	$29,268.31	$33,011.26	$37,232.87	$41,994.36	$47,364.77
Income Per Capita (1996 $)	$23,214	$23,480	$23,754	$25,202	$26,736	$28,346	$30,034	$31,823	$33,718	$35,727
W&P Wealth Index (U.S. = 100)	82.43	82.39	82.35	82.34	82.47	82.70	83.00	83.30	83.60	83.91
Number Of Households (Thousands)	305.38	310.66	315.89	341.20	365.04	386.35	405.34	425.27	446.18	468.11
Persons Per Household (People)	2.56	2.55	2.55	2.54	2.54	2.56	2.59	2.62	2.65	2.68
Retail Sales Per Household (1996 $)	$27,160.20	$27,362.00	$27,566.40	$28,649.20	$29,836.80	$31,204.00	$32,724.80	$34,319.72	$35,992.37	$37,746.54
Mean Household Income (1996 $)	$57,756.00	$58,311.60	$58,894.80	$62,218.80	$66,125.60	$70,721.40	$75,928.60	$81,519.20	$87,521.44	$93,965.63
Households With Money Income (Thousands)	305.38	310.66	315.89	341.20	365.04	386.35	405.34	425.27	446.18	468.11
% Less Than $10,000 (1990 $)	0.11	0.11	0.11	0.10	0.08	0.07	0.05	0.04	0.03	0.03
% $10,000 to 19,999	0.15	0.14	0.14	0.13	0.11	0.09	0.07	0.05	0.04	0.03
% $20,000 to $29,999	0.15	0.15	0.14	0.13	0.11	0.09	0.07	0.05	0.04	0.03
% $30,000 to $39,999	0.19	0.19	0.19	0.18	0.16	0.13	0.10	0.08	0.06	0.05
% $40,000 to $49,999	0.15	0.16	0.16	0.18	0.20	0.20	0.17	0.14	0.12	0.10
% $50,000 to $59,999	0.09	0.10	0.10	0.11	0.13	0.16	0.19	0.23	0.28	0.33
% $60,000 to $74,999	0.08	0.08	0.08	0.09	0.11	0.14	0.17	0.22	0.28	0.35
% $75,000 to $99,999	0.04	0.05	0.05	0.05	0.06	0.08	0.10	0.13	0.16	0.21
% $100,000 to $124,999	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.07
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03
% $150,000 or More	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.06
Total Retail Sales (Millions 1996 $)	$8,926.93	$9,131.65	$9,338.03	$10,396.09	$11,500.29	$12,649.36	$13,840.49	$15,143.78	$16,569.80	$18,130.10

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-25

Demographic and Employment Baseline Projections for Coastal Subarea FL-2

Coastal Subarea FL-2	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	84.40	100.12	113.27	115.65	117.54	118.85	120.16	122.08	124.04	125.98
% White	0.79	0.82	0.79	0.79	0.79	0.78	0.78	0.78	0.78	0.78
% Black	0.21	0.17	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21
% Other	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Hispanic	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% 0-19 Years	0.34	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
% 20-64 Years	0.53	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.56
% 65 Years & Over	0.13	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
% Male	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
% Female	0.51	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Median Age Of Population (Years)	31.31	35.56	36.77	37.09	37.50	37.94	38.36	38.63	38.89	39.13
Total Employment (Thousands)	28.57	36.15	41.01	42.04	42.94	43.30	44.03	44.70	45.31	45.87
% Farm	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Agricultural Services	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Mining	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
% Construction	0.05	0.06	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Manufacturing	0.21	0.16	0.12	0.12	0.11	0.11	0.11	0.11	0.10	0.10
% Transport, Comm. & Public Util	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Retail Trade	0.15	0.17	0.18	0.18	0.18	0.17	0.17	0.17	0.18	0.18
% Finance, Ins, & Real Estate	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.15	0.19	0.21	0.20	0.21	0.22	0.22	0.22	0.22	0.22
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.18	0.17	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Total Earnings (Millions 1996 $)	$592.10	$767.28	$857.33	$888.54	$922.17	$958.23	$952.30	$973.15	$993.18	$1,012.52
% Farm	0.05	0.04	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.04
% Agricultural Services	0.02	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03
% Mining	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
% Construction	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Manufacturing	0.33	0.27	0.20	0.20	0.20	0.19	0.19	0.18	0.18	0.18
% Transport, Comm. & Public Util	0.06	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02
% Retail Trade	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Finance, Ins, & Real Estate	0.02	0.03	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04
% Services	0.11	0.13	0.15	0.15	0.15	0.16	0.17	0.17	0.17	0.17
% Federal Civilian Govt	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.17	0.22	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.26
Personal Income (Millions 1996 $)	$1,015.18	$1,531.84	$1,850.64	$1,945.42	$2,045.64	$2,139.32	$2,147.92	$2,202.22	$2,255.57	$2,308.12
Income Per Capita (1996 $)	$12,029	$15,301	$16,338	$16,822	$17,403	$18,000	$17,875	$18,039	$18,184	$18,321
W&P Wealth Index (U.S. = 100)	67.31	69.10	69.38	69.83	69.97	69.75	68.60	68.23	67.88	67.56
Number Of Households (Thousands)	29.82	37.73	41.20	42.08	42.83	43.45	43.95	44.73	45.52	46.31
Persons Per Household (People)	2.80	2.60	2.64	2.62	2.62	2.61	2.61	2.61	2.60	2.60
Retail Sales Per Household (1996 $)	$91,798.00	$87,784.00	$92,693.00	$95,821.00	$97,287.00	$99,957.00	$106,141.00	$107,432.00	$108,557.00	$109,523.00
Mean Household Income (1996 $)	$33,311.00	$39,992.43	$43,652.29	$44,642.71	$45,995.86	$47,453.57	$47,291.71	$47,592.29	$47,860.29	$48,095.29
Households With Money Income (Thousands)	29.82	37.73	41.20	42.08	42.83	43.45	43.95	44.73	45.52	46.31
% Less Than $10,000 (1990 $)	NA	0.26	0.23	0.22	0.21	0.20	0.20	0.19	0.19	0.18
% $10,000 to 19,999	NA	0.24	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.17
% $20,000 to $29,999	NA	0.18	0.19	0.20	0.19	0.19	0.20	0.20	0.19	0.19
% $30,000 to $39,999	NA	0.13	0.15	0.16	0.17	0.17	0.17	0.18	0.18	0.19
% $40,000 to $49,999	NA	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11
% $50,000 to $59,999	NA	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06
% $60,000 to $74,999	NA	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% $75,000 to $99,999	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $100,000 to $124,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $125,000 to $149,999	NA	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Total Retail Sales (Millions 1996 $)	$405.10	$498.95	$584.10	$619.46	$642.85	$670.57	$720.63	$742.03	$762.48	$782.14

Table 3-25. Demographic and Employment Baseline Projections for Coastal Subarea FL-2 (continued).

Coastal Subarea FL-2	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	127.94	129.89	131.83	141.52	151.30	161.18	171.18	181.80	193.08	205.06
% White	0.77	0.77	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70
% Black	0.21	0.21	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.27
% Other	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
% Hispanic	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05
% 0-19 Years	0.28	0.28	0.28	0.26	0.25	0.25	0.25	0.25	0.25	0.25
% 20-64 Years	0.56	0.56	0.56	0.57	0.56	0.55	0.52	0.50	0.48	0.46
% 65 Years & Over	0.16	0.16	0.16	0.17	0.18	0.20	0.23	0.25	0.28	0.32
% Male	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.49
% Female	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51
Median Age Of Population (Years)	39.33	39.52	39.69	40.29	40.40	40.66	41.14	41.61	42.10	42.58
Total Employment (Thousands)	46.38	46.89	47.41	50.09	52.91	55.92	59.13	62.51	66.09	69.87
% Farm	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
% Agricultural Services	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.10	0.10	0.10	0.09	0.08	0.08	0.07	0.07	0.06	0.06
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
% Wholesale Trade	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Retail Trade	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.20	0.21
% Finance, Ins, & Real Estate	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Services	0.23	0.23	0.23	0.23	0.24	0.24	0.25	0.25	0.25	0.26
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
% State and Local Govt	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21	0.21	0.22
Total Earnings (Millions 1996 $)	$1,031.22	$1,050.15	$1,069.34	$1,169.73	$1,278.05	$1,394.82	$1,520.75	$1,658.05	$1,807.75	$1,970.96
% Farm	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Agricultural Services	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
% Mining	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
% Construction	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07
% Manufacturing	0.17	0.17	0.17	0.16	0.15	0.14	0.13	0.13	0.12	0.12
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Retail Trade	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Finance, Ins, & Real Estate	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Services	0.17	0.18	0.18	0.19	0.19	0.20	0.21	0.22	0.22	0.23
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.29
Personal Income (Millions 1996 $)	$2,360.29	$2,413.37	$2,467.42	$2,753.55	$3,068.96	$3,417.39	$3,803.32	$4,232.85	$4,710.88	$5,242.90
Income Per Capita (1996 $)	$18,449	$18,580	$18,717	$19,458	$20,284	$21,203	$22,219	$23,283	$24,398	$25,567
W&P Wealth Index (U.S. = 100)	67.27	66.98	66.71	65.49	64.54	63.86	63.41	62.96	62.52	62.08
Number Of Households (Thousands)	47.09	47.87	48.64	52.37	55.90	59.03	61.78	64.67	67.68	70.84
Persons Per Household (People)	2.59	2.59	2.58	2.57	2.57	2.59	2.62	2.64	2.67	2.70
Retail Sales Per Household (1996 $)	$110,383.00	$111,244.00	$112,124.00	$116,731.00	$121,736.00	$127,518.00	$134,065.00	$140,948.13	$148,184.66	$155,792.72
Mean Household Income (1996 $)	$48,320.71	$48,558.14	$48,818.86	$50,417.14	$52,516.57	$55,250.43	$58,593.29	$62,138.40	$65,898.00	$69,885.08
Households With Money Income (Thousands)	47.09	47.87	48.64	52.37	55.90	59.03	61.78	64.67	67.68	70.84
% Less Than $10,000 (1990 $)	0.18	0.18	0.17	0.15	0.13	0.11	0.10	0.08	0.07	0.06
% $10,000 to 19,999	0.17	0.16	0.16	0.14	0.13	0.11	0.09	0.08	0.07	0.06
% $20,000 to $29,999	0.19	0.19	0.19	0.17	0.15	0.13	0.11	0.09	0.08	0.07
% $30,000 to $39,999	0.19	0.19	0.20	0.21	0.22	0.22	0.21	0.19	0.18	0.17
% $40,000 to $49,999	0.12	0.12	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.29
% $50,000 to $59,999	0.06	0.06	0.07	0.08	0.09	0.10	0.12	0.14	0.17	0.20
% $60,000 to $74,999	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.10	0.12	0.15
% $75,000 to $99,999	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.08
% $100,000 to $124,999	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
% $150,000 or More	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
Total Retail Sales (Millions 1996 $)	$801.13	$820.27	$839.56	$938.53	$1,041.84	$1,149.38	$1,260.87	$1,383.17	$1,517.34	$1,664.51

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-26

Demographic and Employment Baseline Projections for Coastal Subarea FL-3

Coastal Subarea FL-3	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	1,535.44	2,018.93	2,393.31	2,841.94	3,267.89	3,322.10	3,355.07	3,396.74	3,445.35	3,489.83
% White	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.90	0.90	0.90
% Black	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09
% Other	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
% Hispanic	0.04	0.05	0.04	0.04	0.06	0.06	0.07	0.07	0.07	0.07
% 0-19 Years	0.29	0.27	0.24	0.22	0.23	0.22	0.22	0.23	0.23	0.23
% 20-64 Years	0.48	0.51	0.53	0.54	0.54	0.54	0.54	0.53	0.53	0.53
% 65 Years & Over	0.22	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24
% Male	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.53	0.53	0.53	0.53	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	44.90	45.65	46.14	45.54	44.78	44.84	44.84	44.92	45.07	45.12
Total Employment (Thousands)	603.01	791.24	1,058.32	1,392.14	1,661.70	1,654.31	1,664.81	1,724.37	1,802.34	1,879.68
% Farm	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.01
% Agricultural Services	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.08	0.08	0.08	0.09	0.07	0.06	0.06	0.06	0.06	0.06
% Manufacturing	0.11	0.09	0.09	0.09	0.08	0.07	0.07	0.07	0.07	0.07
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.04	0.04	0.04
% Retail Trade	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.19
% Finance, Ins, & Real Estate	0.10	0.11	0.12	0.11	0.09	0.09	0.09	0.09	0.09	0.08
% Services	0.23	0.24	0.25	0.28	0.32	0.34	0.35	0.36	0.36	0.38
% Federal Civilian Govt	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.10	0.11	0.10	0.08	0.09	0.09	0.09	0.09	0.09	0.09
Total Earnings (Millions 1996 $)	$13,277.23	$18,129.89	$24,649.23	$32,579.16	$41,439.73	$41,283.97	$43,145.30	$44,627.62	$46,536.76	$48,810.00
% Farm	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.11	0.10	0.10	0.10	0.08	0.07	0.06	0.06	0.06	0.06
% Manufacturing	0.14	0.11	0.12	0.12	0.10	0.10	0.09	0.09	0.09	0.08
% Transport, Comm. & Public Util	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.05
% Wholesale Trade	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.16	0.15	0.14	0.14	0.13	0.13	0.12	0.12	0.12	0.12
% Finance, Ins, & Real Estate	0.09	0.08	0.10	0.08	0.08	0.08	0.09	0.09	0.09	0.09
% Services	0.19	0.21	0.22	0.25	0.31	0.32	0.33	0.33	0.34	0.36
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.12	0.10	0.10	0.12	0.12	0.12	0.12	0.12	0.11
Personal Income (Millions 1996 $)	$21,415.28	$30,485.91	$43,798.00	$59,732.73	$77,534.88	$76,956.97	$78,853.25	$81,025.02	$84,037.40	$88,036.18
Income Per Capita (1996 $)	$13,947	$15,100	$18,300	$21,018	$23,726	$23,165	$23,503	$23,854	$24,392	$25,227
W&P Wealth Index (U.S. = 100)	104.42	99.91	104.77	105.63	108.59	107.04	107.05	107.09	107.42	107.91
Number Of Households (Thousands)	569.71	779.02	985.92	1,188.11	1,383.66	1,398.44	1,415.33	1,421.18	1,434.19	1,457.67
Persons Per Household (People)	2.61	2.54	2.39	2.33	2.31	2.33	2.32	2.34	2.36	2.35
Retail Sales Per Household (1996 $)	$20,380.60	$19,494.50	$20,535.10	$21,902.80	$21,826.60	$20,949.60	$20,985.60	$21,778.80	$22,904.70	$23,162.50
Mean Household Income (1996 $)	$36,557.70	$37,164.30	$42,638.10	$48,055.20	$54,635.50	$53,561.50	$54,407.10	$55,356.40	$57,233.00	$58,678.30
Households With Money Income (Thousands)	569.71	779.02	985.92	1,188.11	1,383.66	1,398.44	1,415.33	1,421.18	1,434.19	1,457.67
% Less Than $10,000 (1990 $)	NA	NA	NA	NA	0.14	0.14	0.14	0.13	0.13	0.12
% $10,000 to 19,999	NA	NA	NA	NA	0.22	0.22	0.21	0.21	0.20	0.19
% $20,000 to $29,999	NA	NA	NA	NA	0.20	0.20	0.20	0.20	0.19	0.19
% $30,000 to $39,999	NA	NA	NA	NA	0.15	0.15	0.15	0.16	0.16	0.17
% $40,000 to $49,999	NA	NA	NA	NA	0.10	0.10	0.10	0.11	0.11	0.12
% $50,000 to $59,999	NA	NA	NA	NA	0.06	0.06	0.07	0.07	0.07	0.07
% $60,000 to $74,999	NA	NA	NA	NA	0.05	0.05	0.05	0.06	0.06	0.06
% $75,000 to $99,999	NA	NA	NA	NA	0.04	0.04	0.04	0.04	0.04	0.04
% $100,000 to $124,999	NA	NA	NA	NA	0.01	0.01	0.01	0.02	0.02	0.02
% $125,000 to $149,999	NA	NA	NA	NA	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	NA	NA	NA	0.01	0.01	0.01	0.01	0.02	0.02
Total Retail Sales (Millions 1996 $)	$12,001.16	$15,765.40	$20,905.55	$27,740.13	$32,627.00	$31,760.36	$32,308.02	$33,732.66	$35,862.03	$36,914.04

Table 3-26. Demographic and Employment Baseline Projections for Coastal Subarea FL-3 (continued).

Coastal Subarea FL-3	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	3,529.35	3,582.49	3,638.43	3,688.94	3,742.86	3,797.50	3,852.31	3,907.90	3,964.30	4,021.51
% White	0.90	0.89	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.88
% Black	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10
% Other	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11
% 0-19 Years	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24
% 20-64 Years	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.54	0.54
% 65 Years & Over	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22
% Male	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	45.33	45.53	45.72	45.94	46.16	46.38	46.62	46.87	47.11	47.35
Total Employment (Thousands)	1,944.73	2,014.19	2,092.85	2,152.24	2,205.20	2,253.95	2,300.39	2,347.79	2,396.16	2,445.53
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
% Transport, Comm. & Public Util	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Wholesale Trade	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Retail Trade	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17
% Finance, Ins, & Real Estate	0.08	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08
% Services	0.38	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Total Earnings (Millions 1996 $)	$50,773.92	$53,790.99	$57,878.37	$60,105.36	$62,251.08	$64,309.74	$66,331.44	$68,416.69	$70,567.49	$72,785.91
% Farm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Manufacturing	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07
% Transport, Comm. & Public Util	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
% Wholesale Trade	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
% Retail Trade	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.10
% Finance, Ins, & Real Estate	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Services	0.36	0.36	0.37	0.37	0.37	0.38	0.38	0.39	0.39	0.39
% Federal Civilian Govt	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10
Personal Income (Millions 1996 $)	$91,561.45	$96,842.27	$101,719.43	$105,236.69	$108,742.10	$112,181.43	$115,606.66	$119,136.47	$122,774.06	$126,522.71
Income Per Capita (1996 $)	$25,943	$27,032	$27,957	$28,528	$29,053	$29,541	$30,010	$30,486	$30,970	$31,462
W&P Wealth Index (U.S. = 100)	108.17	109.41	108.43	108.57	108.83	109.10	109.39	109.68	109.98	110.27
Number Of Households (Thousands)	1,480.48	1,503.95	1,531.75	1,552.97	1,578.27	1,604.09	1,629.98	1,656.28	1,683.02	1,710.18
Persons Per Household (People)	2.34	2.34	2.33	2.33	2.33	2.32	2.32	2.32	2.31	2.31
Retail Sales Per Household (1996 $)	$23,692.30	$23,955.40	$24,613.40	$26,133.60	$26,442.40	$26,698.10	$26,916.90	$27,137.49	$27,359.89	$27,584.12
Mean Household Income (1996 $)	$60,085.50	$62,694.00	$64,204.80	$65,497.70	$66,612.50	$67,639.20	$68,628.90	$69,633.08	$70,651.96	$71,685.74
Households With Money Income (Thousands)	1,480.48	1,503.95	1,531.75	1,552.97	1,578.27	1,604.09	1,629.98	1,656.28	1,683.02	1,710.18
% Less Than $10,000 (1990 $)	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09
% $10,000 to 19,999	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14
% $20,000 to $29,999	0.18	0.18	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14
% $30,000 to $39,999	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
% $40,000 to $49,999	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.16
% $50,000 to $59,999	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.10
% $60,000 to $74,999	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09
% $75,000 to $99,999	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06
% $100,000 to $124,999	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total Retail Sales (Millions 1996 $)	$38,411.72	$39,533.95	$41,371.40	$44,546.55	$45,798.23	$46,988.60	$48,129.08	$49,297.25	$50,493.76	$51,719.32

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-27

Demographic and Employment Baseline Projections for Coastal Subarea FL-4

Coastal Subarea FL-4	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002
Total Population (Thousands)	1,706.78	2,021.02	2,147.98	2,188.70	2,213.01	2,231.74	2,255.58	2,278.24	2,301.37	2,324.62
% White	0.82	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
% Black	0.17	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
% Other	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Hispanic	0.35	0.48	0.52	0.53	0.54	0.55	0.56	0.57	0.57	0.58
% 0-19 Years	0.27	0.27	0.28	0.27	0.27	0.27	0.27	0.27	0.27	0.27
% 20-64 Years	0.57	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
% 65 Years & Over	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15
% Male	0.47	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
% Female	0.53	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Median Age Of Population (Years)	35.11	36.22	37.69	38.10	38.42	38.73	39.09	39.44	39.75	40.07
Total Employment (Thousands)	942.95	1,117.16	1,177.11	1,205.71	1,232.15	1,257.46	1,284.80	1,308.92	1,330.10	1,349.19
% Farm	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.05
% Manufacturing	0.11	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06
% Transport, Comm. & Public Util	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Wholesale Trade	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
% Retail Trade	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16
% Finance, Ins, & Real Estate	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
% Services	0.28	0.32	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37
% Federal Civilian Govt	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Total Earnings (Millions 1996 $)	$24,740.98	$32,685.74	$35,430.81	$36,414.61	$37,533.70	$39,582.96	$40,803.01	$41,965.36	$43,056.20	$44,094.04
% Farm	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
% Manufacturing	0.11	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06
% Transport, Comm. & Public Util	0.14	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
% Wholesale Trade	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
% Retail Trade	0.12	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09
% Finance, Ins, & Real Estate	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
% Services	0.25	0.30	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.34
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% State and Local Govt	0.09	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Personal Income (Millions 1996 $)	$32,389.09	$44,335.70	$47,821.61	$49,281.61	$50,191.05	$52,484.32	$53,998.55	$55,472.23	$56,892.99	$58,280.56
Income Per Capita (1996 $)	$18,977	$21,937	$22,264	$22,516	$22,680	$23,517	$23,940	$24,349	$24,721	$25,071
W&P Wealth Index (U.S. = 100)	104.12	113.63	110.03	109.26	108.46	108.76	109.51	109.57	109.63	109.71
Number Of Households (Thousands)	644.84	729.52	765.44	783.18	792.55	801.49	810.07	819.68	829.27	838.92
Persons Per Household (People)	2.48	2.49	2.53	2.52	2.52	2.51	2.51	2.51	2.50	2.50
Retail Sales Per Household (1996 $)	$22,898.00	$27,072.50	$28,696.50	$29,237.00	$29,395.50	$30,214.50	$32,091.00	$32,463.50	$32,782.50	$33,055.50
Mean Household Income (1996 $)	$44,543.00	$60,215.00	$62,945.50	$63,796.50	$65,270.50	$67,842.50	$69,723.50	$70,783.50	$71,760.00	$72,675.50
Households With Money Income (Thousands)	644.84	729.52	765.44	783.18	792.55	801.49	810.07	819.68	829.27	838.92
% Less Than $10,000 (1990 $)	NA	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.16	0.15
% $10,000 to 19,999	NA	0.19	0.18	0.17	0.17	0.16	0.16	0.16	0.15	0.15
% $20,000 to $29,999	NA	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.13
% $30,000 to $39,999	NA	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15
% $40,000 to $49,999	NA	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12
% $50,000 to $59,999	NA	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09
% $60,000 to $74,999	NA	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08
% $75,000 to $99,999	NA	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06
% $100,000 to $124,999	NA	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% $125,000 to $149,999	NA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% $150,000 or More	NA	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
Total Retail Sales (Millions 1996 $)	$15,279.49	$19,980.12	$21,599.00	$22,252.62	$22,423.28	$23,303.55	$25,008.71	$25,607.22	$26,169.40	$26,701.97

Table 3-27. Demographic and Employment Baseline Projections for Coastal Subarea FL-4 (continued).

Coastal Subarea FL-4	2003	2004	2005	2010	2015	2020	2025	2030	2035	2040
Total Population (Thousands)	2,347.80	2,370.81	2,393.69	2,507.80	2,624.70	2,744.33	2,866.30	2,993.69	3,126.75	3,265.72
% White	0.78	0.78	0.78	0.78	0.78	0.79	0.79	0.79	0.79	0.80
% Black	0.20	0.20	0.19	0.19	0.19	0.18	0.17	0.17	0.16	0.16
% Other	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05
% Hispanic	0.59	0.59	0.60	0.62	0.64	0.67	0.70	0.73	0.77	0.80
% 0-19 Years	0.27	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26
% 20-64 Years	0.58	0.58	0.58	0.58	0.58	0.57	0.55	0.53	0.51	0.50
% 65 Years & Over	0.15	0.15	0.15	0.15	0.16	0.17	0.19	0.21	0.23	0.25
% Male	0.48	0.48	0.48	0.47	0.47	0.47	0.47	0.47	0.47	0.46
% Female	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	0.54
Median Age Of Population (Years)	40.37	40.66	40.92	42.00	42.62	42.94	42.96	42.98	43.00	43.02
Total Employment (Thousands)	1,366.20	1,382.55	1,398.43	1,474.48	1,550.19	1,629.48	1,714.59	1,804.14	1,898.38	1,997.53
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04
% Manufacturing	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
% Transport, Comm. & Public Util	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
% Wholesale Trade	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.05	0.05
% Retail Trade	0.16	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12
% Finance, Ins, & Real Estate	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08
% Services	0.37	0.37	0.37	0.39	0.39	0.40	0.41	0.42	0.43	0.44
% Federal Civilian Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
% Federal Military Govt	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
% State and Local Govt	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.13
Total Earnings (Millions 1996 $)	$45,075.30	$46,044.21	$47,006.76	$51,841.29	$56,883.17	$62,274.81	$68,111.86	$74,496.03	$81,478.59	$89,115.63
% Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Agricultural Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Construction	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
% Manufacturing	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04
% Transport, Comm. & Public Util	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09
% Wholesale Trade	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06	0.06
% Retail Trade	0.09	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06
% Finance, Ins, & Real Estate	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
% Services	0.34	0.34	0.34	0.36	0.37	0.38	0.40	0.41	0.42	0.43
% Federal Civilian Govt	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02
% Federal Military Govt	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
% State and Local Govt	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.15
Personal Income (Millions 1996 $)	$59,630.81	$60,984.77	$62,347.64	$69,404.69	$77,045.63	$85,446.44	$94,753.22	$105,073.68	$116,518.25	$129,209.35
Income Per Capita (1996 $)	$25,399	$25,723	$26,047	$27,676	$29,354	$31,136	$33,058	$35,098	$37,265	$39,565
W&P Wealth Index (U.S. = 100)	109.78	109.82	109.85	109.84	109.79	109.82	110.01	110.20	110.39	110.58
Number Of Households (Thousands)	848.51	858.01	867.39	912.18	953.51	989.21	1,020.45	1,052.69	1,085.94	1,120.25
Persons Per Household (People)	2.50	2.49	2.49	2.48	2.48	2.50	2.53	2.57	2.60	2.64
Retail Sales Per Household (1996 $)	$33,293.50	$33,534.50	$33,777.50	$35,062.00	$36,464.00	$38,063.50	$39,810.00	$41,636.64	$43,547.09	$45,545.19
Mean Household Income (1996 $)	$73,542.00	$74,402.50	$75,263.50	$79,746.00	$84,699.50	$90,460.50	$97,020.50	$104,056.22	$111,602.15	$119,695.30
Households With Money Income (Thousands)	848.51	858.01	867.39	912.18	953.51	989.21	1,020.45	1,052.69	1,085.94	1,120.25
% Less Than $10,000 (1990 $)	0.15	0.15	0.15	0.13	0.12	0.10	0.09	0.07	0.06	0.05
% $10,000 to 19,999	0.15	0.15	0.14	0.13	0.12	0.10	0.08	0.07	0.06	0.05
% $20,000 to $29,999	0.13	0.13	0.13	0.12	0.11	0.09	0.08	0.06	0.05	0.05
% $30,000 to $39,999	0.15	0.15	0.15	0.15	0.14	0.11	0.10	0.08	0.07	0.06
% $40,000 to $49,999	0.13	0.13	0.13	0.14	0.15	0.16	0.14	0.13	0.11	0.10
% $50,000 to $59,999	0.09	0.09	0.09	0.10	0.11	0.13	0.15	0.18	0.21	0.24
% $60,000 to $74,999	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.17	0.20	0.24
% $75,000 to $99,999	0.06	0.06	0.06	0.07	0.08	0.09	0.11	0.13	0.15	0.18
% $100,000 to $124,999	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.05	0.06	0.08
% $125,000 to $149,999	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03
% $150,000 or More	0.03	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.08
Total Retail Sales (Millions 1996 $)	$27,209.79	$27,720.94	$28,235.46	$30,862.74	$33,589.81	$36,413.39	$39,326.27	$42,472.16	$45,869.70	$49,539.03

NA means that information is not available.
Source: Woods & Poole Economics, Inc., 2001.

Table 3-28

Mean SAT I Verbal and Math Scores by State, with Changes for Selected Years

Year		2001		2000		1-Year Change		1996		5-Year Change		1991		10-Year Change	
State	Participation Rate 2001	Mean SAT I Verbal	Mean SAT I Math	Mean SAT I Verbal	Mean SAT I Math	SAT I Verbal	SAT I Math	Mean SAT I Verbal	Mean SAT I Math	SAT I Verbal	SAT I Math	Mean SAT I Verbal	Mean SAT I Math	SAT I Verbal	SAT I Math
Alabama	9%	559	554	559	555	+0	-1	565	558	-6	-4	550	535	+9	+19
Florida	54%	498	499	498	500	+0	-1	498	496	+0	+3	493	492	+5	+7
Louisiana	7%	564	562	562	558	+2	+4	559	550	+5	+12	551	538	+13	+24
Mississippi	4%	566	551	562	549	+4	+2	569	557	-3	-6	551	539	+15	+12
Texas	53%	493	499	493	500	+0	-1	495	500	-2	-1	488	491	+5	+12
All Students	45%	506	514	505	514	+1	+0	505	508	+1	+6	499	500	+7	+14

Table 3-29

ACT Average Composite Scores by State and by Year for ACT-Tested Graduates

Year	2001		2000		1999		1998	
State	% of Graduates Tested	Average Composite Score	% of Graduates Tested	Average Composite Score	% of Graduates Tested	Average Composite Score	% of Graduates Tested	Average Composite Score
Alabama	69	20.1	68	20.2	65	20.2	64	20.1
Florida	40	20.4	40	20.6	39	20.6	39	20.8
Louisiana	80	19.6	80	19.6	76	19.6	76	19.5
Mississippi	89	18.5	84	18.7	82	18.7	81	18.7
Texas	33	20.3	32	20.3	31	20.3	32	20.3
National	38	21.0	38	21.0	36	21.0	37	21.0

Table 3-30

Waterway Depth and Number of Trips, 1999

Waterway	Project Depth (ft)	Total Trips						Foreign Trips						Domestic Trips					
			Upbound			Downbound			Upbound			Downbound			Upbound			Downbound	
		Total	Tanker	Other	Total	Tanker	Other	Total	Tanker	Other	Total	Tanker	Other	Total	Tanker	Other	Total	Tanker	Other
Gulf Intracoastal Waterway																			
Pensacola Bay, FL to Mobile Bay,	12	5825	1323	4502	5499	1347	4152	0	0	0	0	0	0	5825	1323	4502	5499	1347	4152
Mobile Bay, AL to New Orleans,	12	2445	4004	2045	2419	4115	2008	0	0	0	0	0	0	2445	4004	2045	2419	4115	2008
Mississippi River, LA to Sabine Rive,	12	6337	1944	4392	6266	1921	4344	0	0	0	0	0	0	6337	1944	4392	6266	1921	4344
Sabine River, TX to Galveston,	12	3115	1501	1613	3092	1498	1593	0	0	0	0	0	0	3115	1501	1613	3092	1498	1593
Galveston, TX to Corpus Christi,	12	2299	9353	1364	2324	9276	1396	0	0	0	0	0	0	2299	9353	1364	2324	9276	1396
Corpus Christi, TX to Mexican Border,	12	1615	622	993	1664	627	1037	0	0	0	0	0	0	1615	622	993	1664	627	1037
Texas Harbors, Channels, and																			
Beaumont (Neches	40, 34,	1173	5434	6303	1181	5555	6263	1180	1009	171	1147	985	162	1055	4425	6132	1067	4570	6101
Port Arthur	40	6193	2396	3797	6203	2400	3803	352	110	242	308	96	212	5841	2286	3555	5895	2304	3591
Sabine Pass Harbor	40,	3249	371	2878	3063	337	2726	95	3	92	83	2	81	3154	368	2786	2980	335	2645
Sabine-Neches Waterway	40, 42, 34, 30, 25,	3902	1764	2138	3203	1516	1687	1633	1123	510	1544	1084	460	3738	1651	2087	3049	1407	1641
Louisiana Harbors, Channels, and																			
Atchafalaya River	12	1265	3039	9620	1275	2993	9760	0	0	0	0	0	0	1265	3039	9620	1275	2993	9760
Atchafalaya River, Morgan City to Gulf of	20	9573	1067	8506	9147	1015	8132	452	0	452	170	2	168	9121	1067	8054	8977	1013	7964
Barataria Bay	15,	4190	119	4071	4271	119	4152	0	0	0	0	0	0	4190	119	4071	4271	119	4152
Bayou Lafourche and Lafourche-Jump	24, 9, 6,	2386	1203	2266	2323	1132	2209	1020	2	1018	292	0	292	2284	1201	2164	2293	1132	2180
Bayou Little	5	3382	109	3273	3608	162	3446	0	0	0	0	0	0	3382	109	3273	3608	162	3446
Bayou Teche and Vermillion	9, 8	5985	171	5814	5745	188	5557	0	0	0	0	0	0	5985	171	5814	5745	188	5557
Calcasieu River and Pass (Lake	35, 40, 12,	2527	5558	1972	2536	5752	1960	992	445	547	957	450	507	2428	5113	1917	2440	5302	1910
Freshwater	12	7734	107	7627	7910	117	7793	0	0	0	0	0	0	7734	107	7627	7910	117	7793
GIWW, Morgan City-Port Allan	12	1489	6723	8171	1491	6755	8159	0	0	0	0	0	0	1489	6723	8171	1491	6755	8159
Innerharbor Navigation	32	1362	3428	1020	1324	3467	9781	442	1	441	510	0	510	1318	3427	9760	1273	3467	9271
Mermentau River	6, 5,	3516	631	2885	3462	631	2831	0	0	0	0	0	0	3516	631	2885	3462	631	2831
Mississippi River Gulf Outlet via Venice	16,	1798	847	1713	1775	820	1693	1	0	1	61	2	59	1798	847	1713	1769	818	1687
Port of Baton	45	3514	1027	2487	3540	1043	2497	418	220	198	745	378	367	3473	1005	2467	3466	1005	2460
Port of New	45	5394	6970	4697	5235	6866	4549	3627	460	3167	2551	314	2237	5031	6510	4380	4980	6552	4325
Port of	45	2844	2229	2621	2833	2255	2607	635	133	502	454	86	368	2780	2096	2571	2788	2169	2571
Port of South	45	7217	1308	5909	7335	1327	6007	1292	530	762	2326	584	1742	7088	1255	5833	7102	1269	5833
Waterway from Empire to Gulf of	9	1796	104	1786	1809	95	1799	0	0	0	0	0	0	1796	104	1786	1809	95	1799
Waterway from GIWW to Bayou	10, 5	4156	183	3973	4226	186	4040	0	0	0	0	0	0	4156	183	3973	4226	186	4040
Mississippi Harbors, Channels, and																			
Bayou Casotte	38	4741	1952	2789	4662	1926	2736	546	285	261	497	287	210	4195	1667	2528	4165	1639	2526
Pascagoula	40, 38, 22,	5909	1955	3954	5878	1961	3917	619	286	333	574	287	287	5290	1669	3621	5304	1674	3630
Alabama Harbors, Channels, and																			
Black Warrior and Tombigbee	9	1499	927	572	1499	924	1407	0	0	0	0	0	0	1499	927	572	1499	924	1407
Chickasaw Creek	25	1504	596	908	1503	597	906	25	0	25	24	0	24	1479	596	883	1479	597	882
Dauphin Island Bay	NA	7774	0	7774	7777	0	7777	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mobile	40	2534	3968	2137	2551	3965	2154	1103	117	986	1118	115	1003	2423	3851	2038	2439	3850	2054
Tennessee Tombigbee Waterway	9	6148	246	5902	6181	231	5950	0	0	0	0	0	0	6148	246	5902	6181	231	5950
Theodore Ship Channel	40	5315	35	5280	5322	34	5288	78	0	78	79	0	79	5237	35	5202	5243	34	5209

NA means that information is not
Source: U.S. Dept. of the Army, Corps of Engineers, 2001.

Table 3-31

Freight Traffic, 1999 (thousand short tons)

Waterway	All Commodities	Crude Petroleum					Petroleum Products					Coal	Chemicals	Crude Materials	Primary Mfgr Goods	Food & Farm Production	Mfgr Equip Machinery & Prod	Other
			Foreign			Domestic		Foreign			Domestic							
	Total	Total	Total	Imports	Exports	Total	Total	Total	Imports	Exports	Total	Total	Total	Total	Total	Total	Total	Total
Gulf Intracoastal Waterway (GIWW)																		
Pensacola Bay, FL to Mobile Bay, AL	7975	13	0	0	0	13	2640	0	0	0	2640	3394	819	1012	90	4	3	0
Mobile Bay, AL to New Orleans, LA	21856	1328	0	0	0	1328	5839	0	0	0	5839	4974	3605	4656	1256	162	36	0
Mississippi River, LA to Sabine Rive, TX	61084	10497	0	0	0	10497	17953	0	0	0	17953	247	12478	14081	2631	1517	1064	616
Sabine River, TX to Galveston, TX	45094	3163	0	0	0	3163	20149	0	0	0	20149	136	14807	3632	1867	761	579	0
Galveston, TX to Corpus Christi, TX	27373	945	0	0	0	945	11441	0	0	0	11441	20	10424	3801	277	377	57	31
Corpus Christi, TX to Mexican Border, TX	2278	129	0	0	0	129	1522	0	0	0	1522	3	100	149	261	114	0	0
Texas Harbors, Channels, and Waterways																		
Beaumont (Neches River)	69404	47017	45857	45857	0	1160	12897	5193	3023	2170	7704	2	5994	1781	595	1103	15	0
Port Arthur	18309	8011	7977	7977	0	34	6812	1740	604	1136	5072	64	1374	670	734	36	32	576
Sabine Pass Harbor	949	837	0	0	0	837	49	0	0	0	49	0	9	6	5	9	34	0
Sabine-Neches Waterway	114383	57111	53834	53834	0	3277	29223	6934	3627	3307	22289	152	17418	4795	3064	1871	170	579
Louisiana Harbors, Channels, and Waterways																		
Atchafalaya River	13995	3292	0	0	0	3292	3420	0	0	0	3420	5	1220	5109	113	596	240	0
Atchafalaya River, Morgan City to Gulf of Mexico	2101	828	0	0	0	828	131	61	61	0	70	0	2	182	172	412	367	7
Barataria Bay Waterway	283	49	0	0	0	49	10	0	0	0	10	0	0	69	1	37	117	0
Bayou Lafourche and Lafourche-Jump Waterway	194	57	57	57	0	0	91	4	4	0	87	0	2	3	2	36	3	0
Bayou Little Caillou	374	305	0	0	0	305	0	0	0	0	0	0	0	4	1	1	63	0
Bayou Teche and Vermillion River	1489	206	0	0	0	206	82	0	0	0	82	0	6	598	14	97	485	1
Calcasieu River and Pass (Lake Charles)	50741	25510	22553	22552	1	2957	15276	4367	2269	2098	10909	118	3302	2799	620	1274	1738	104
Freshwater Bayou	1322	45	0	0	0	45	75	0	0	0	75	0	2	45	19	121	1012	3
GIWW, Morgan City-Port Allan Route	23202	1060	0	0	0	1060	6115	0	0	0	6115	169	7635	6538	1151	504	23	7
Inner harbor Navigation Canal	20481	1313	0	0	0	1313	4496	104	72	32	4392	3313	4243	4264	1509	827	501	15
Mermentau River	749	716	0	0	0	716	14	0	0	0	14	0	0	8	0	1	10	0
Mississippi River Gulf Outlet via Venice Vicinity	2790	211	0	0	0	211	1026	0	0	0	1026	0	26	195	73	216	923	120
Port of Baton Rouge	63729	5918	4730	4730	0	1188	16558	3015	2236	779	13543	1385	14159	9067	8304	8321	9	8
Port of New Orleans	87510	12640	10856	10856	0	1784	18839	4593	2412	2181	14246	671	4650	7347	15817	26411	1078	57
Port of Plaquemines	62462	7964	6193	6193	0	1771	6006	1445	474	971	4561	23143	5923	5799	3779	9837	7	4
Port of South Louisiana	214197	22074	15902	15902	0	6172	35196	6188	3392	2796	29008	368	13158	12038	10405	120936	21	1
Waterway from Empire to Gulf of Mexico	1548	198	0	0	0	198	73	0	0	0	73	6	4	90	58	236	880	3
Waterway from GIWW to Bayou Dulac	421	69	0	0	0	69	45	0	0	0	45	0	0	23	7	163	114	0
Mississippi Harbors, Channels, and Waterways																		
Bayou Casotte	25821	13225	13193	13193	0	32	8837	923	20	903	7914	0	2509	1080	42	18	105	5
Pascagoula Harbor	28097	14107	14075	14075	0	32	9061	1146	122	1024	7915	0	2591	1677	93	447	116	5
Alabama Harbors, Channels, and Waterways																		
Black Warrior and Tombigbee Rivers	20034	1010	0	0	0	1010	1140	0	0	0	1140	9053	585	6722	1474	46	4	0
Chickasaw Creek	2359	0	0	0	0	0	1054	0	0	0	1054	80	428	774	17	4	2	0
Dauphin Island Bay	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mobile Harbor	45439	7921	5885	5885	0	2036	3378	139	115	24	3239	10344	1071	17586	3340	1394	397	8
Tennessee Tombigbee Waterway	8023	69	0	0	0	69	401	0	0	0	401	2282	267	4071	878	53	2	0
Theodore Ship Channel	7655	0	0	0	0	0	13	0	0	0	13	108	52	6220	1052	28	182	0

NA means that information is not available.
Source: U.S. Dept. of the Army, Corps of Engineers, 2001.

Table 3-32

Typical Gulf of Mexico Vessel Specifications

Length (ft)	180	200	220	240	260
Width (ft)	38-40	56	56	57	60
Liquid Mud Capacity (bbl)	1,000-1,600	3,000	4,000	6,000	8,000
Drybulf Storage (cubic ft)	3,000	4,000	6,000	8,000	12,000
Speed (kn)	12-14	12-14	12-14	12-14	12-15
Dynamic Positioning (DP)	No	Yes	Yes	Yes	Yes

Table 3-33

OCS-Related Service Bases

Planning Area	Coastal Subarea	Service Base	County	Planning Area	Coastal Subarea	Service Base	County or Parish
WPA	TX-1	Aransas Pass	Nueces	CPA	LA-1	Abbeville	Vermilion
		Bayside	Aransas			Cameron	Cameron
		Corpus Christi	Nueces			Erath	Vermilion
		Harbor Island	Nueces			Freshwater City	Vermilion
		Ingleside	San Patricio			Grand Chenier	Cameron
		Port Aransas	Nueces			Intracoastal City	Vermilion
		Port Isabel	Cameron			Kaplan	Vermilion
		Port Mansfield	Willacy			Lake Charles	Calcasieu
		Port O'Connor	Calhoun			New Iberia	Iberia
		Rockport	Aransas			Weeks Island	Iberia
	TX-2	Freeport	Brazoria		LA-2	Amelia	St Mary
		Galveston	Galveston			Bayou Boeuf	St Mary
		Pelican Island	Galveston			Berwick	St Mary
		Port Arthur	Jefferson			Cocodrie	Terrebonne
		Sabine Pass	Jefferson			Dulac	Terrebonne
		Surfside	Harris			Fourchon	Lafourche
						Gibson	Terrebonne
						Houma	Terrebonne
						Leeville	Lafourche
EPA	FL-1	Panama City	Bay			Louisa	St Mary
						Morgan City	St Mary
	FL-2	NA				Patterson	St Mary
						Theriot	Terrebonne
	FL-3	NA					
					LA-3	Empire	Plaquemines
	FL-4	NA				Grand Isle	Jefferson
						Harvey	Jefferson
						Hopedale	St Bernard
						Paradis	St Charles
						Venice	Plaquemines
					MA-1	Pascagoula	Jackson, MS
						Bayou Labatre	Mobile, AL
						Mobile	Mobile, AL
						Theodore	Mobile, AL

NA means that information is not available.
Source: USDOI, MMS, 2001.

Table 3-34

Percentage of Barged OCS Oil by Barge Terminal

Location	OCS	Proposed Actions	
		WPA	CPA
Matagorda Island, Texas	< 1%	26%	
Texas City, Texas	2%	54%	
Beaumont, Texas	25%		26%
Nederland, Texas	< 1%	8%	
Lake Charles, Louisiana	29%		30%
Gibson, Louisiana	32%	12%	32%
Calumet, Louisiana	1%		1%
Empire, Louisiana	11%		11%

Table 3-35

Summary of Federal Rules Governing OCS Discharges and Injection

MMS Planning Region	Rules	Key Features
Western Planning Area	63 FR 58722 NPDES General Permit Rules	General permit restricting discharges to 29 mg/l monthly average and 49 mg/l maximum daily total oil and grease
Territorial Seas of Louisiana	62 FR 59687 NPDES General Permit Rules	General permit restricts discharges to 29 mg/l monthly and 49 mg/l maximum daily total oil and grease. Requires monitoring for Benzene, Thallium, Phenol, and Lead. No free oil, cuttings or drilling fluids.
Central Planning Area	63 FR 55717 NPDES	General permit for >200 meters of water depth restricting discharges to 29 mg/l monthly and 49 mg/l maximum daily total oil and grease
Eastern Planning Area	63 FR 55717 NPDES	General permit for >200 meters of water depth restricting discharges to 29 mg/l monthly average and 49 mg/l maximum daily total oil and grease
All of the above citations contain rules restricting discharge of domestic and sanitary sewage (including standards) , and prohibiting discharge of trash in each of the MMS planning regions. Facilities located offshore of EPA Region 6 (and some in Regions 9 and 10) are subject to a general Clean Water Act permit that covers all facilities in certain geographic locations. Offshore exploration and production facilities in Regions 4, 9 and 10 are also permitted individually in some cases. EPA Regions 6 and 9 have a Memorandum of Agreement with MMS whereby MMS agrees to conduct Clean Water Act preliminary inspections for EPA.		
All	CWA § 308, 402, 403	Discharge rate limitations and monitoring, toxicity limitations, minimize discharge of surfactants, dispersants and detergents, no rubbish, trash, or refuse, and no discharge in areas of biological concern
All	40 CFR 144	Underground injection control program rules

Source: Louis Berger Group, Inc., in preparation.

Table 3-36

Marine Mammal Taxa of the Northern Gulf of Mexico

	Relative Occurrence	ESA Status
Order Cetacea		
Suborder Mysticeti (baleen whales)		
Family Balaenidae (right whales)		
Northern right whale (*Eubalaena glacialis*)	X	E
Family Balaenopteridae (*rorqual*s)		
Minke whale (*Balaenoptera acutorostrata*)	R	
Sei whale (*Balaenoptera borealis*)	R	E
Bryde's whale (*Balaenoptera edeni*)	U	
Blue whale (*Balaenoptera musculus*)	X	E
Fin whale (*Balaenoptera physalus*)	R	E
Humpback whale (*Megaptera novaeangliae*)	R	E
Suborder Odontoceti (toothed whales and dolphins)		
Family Physeteridae (sperm whale)		
Sperm whale (*Physeter macrocephalus*)	C	E
Family Kogiidae (pygmy and dwarf sperm whales)		
Pygmy sperm whale (*Kogia breviceps*)	U	
Dwarf sperm whale (*Kogia sima*)	U	
Family Ziphiidae (beaked whales)		
Sowerby's beaked whale (*Mesoplodon bidens*)	X	
Blainville's beaked whale (*Mesoplodon densirostris*)	R	
Gervais' beaked whale (*Mesoplodon europaeus*)	U	
Cuvier's beaked whale (*Ziphius cavirostris*)	R	
Family Delphinidae (dolphins)		
Pygmy killer whale (*Feresa attenuata*)	U	
Short-finned pilot whale (*Globicephala macrorhynchus*)	C	
Risso's dolphin (*Grampus griseus*)	C	
Fraser's dolphin (*Lagenodelphis hosei*)	C	
Killer whale (*Orcinus orca*)	U	
Melon-headed whale (*Peponocephala electra*)	C	
False killer whale (*Pseudorca crassidens*)	U	
Pantropical spotted dolphin (*Stenella attenuata*)	C	
Clymene dolphin (*Stenella clymene*)	C	
Striped dolphin (*Stenella coeruleoalba*)	C	
Atlantic spotted dolphin (*Stenella frontalis*)	C	
Spinner dolphin (*Stenella longirostris*)	C	
Rough-toothed dolphin (*Steno bredanensis*)	C	
Bottlenose dolphin (*Tursiops truncatus*)	C	
Order Sirenia (the dugong and manatees)		
Family Trichechidae (manatees)		
West Indian manatee (*Trichechus manatus*)	C	E

Population status in the northern Gulf is summarized according to the following categories:
COMMON (C): A common species is one that is abundant wherever it occurs in the region (i.e. the northern Gulf). Most common species are widely distributed over the area.
UNCOMMON (U): An uncommon species may or may not be widely distributed but does not occur in large numbers. Uncommon species are not necessarily rare or endangered.
RARE (R): A rare species is one that is present in such small numbers throughout the region that it is seldom seen. Although not threatened with extinction, a rare species may become endangered if conditions in its environment change.
EXTRALIMITAL (X): An extralimital species is known on the basis of only a few records that probably resulted from unusual wanderings of animals into the region.
Endangered Species Act (ESA) status is summarized according to listing status under the following categories:
ENDANGERED (E): Species determined to be in imminent danger of extinction throughout all of a significant portion of their range.
THREATENED (T): Species determined likely to become endangered in the foreseeable future.
ENDANGERED POPULATION (E*): Breeding populations occurring off Florida are listed as Endangered, however, elsewhere in the Gulf of Mexico, the species is listed as Threatened.

Table 3-37

Sea Turtle Taxa of the Northern Gulf of Mexico

	Relative Occurrence	ESA Status
Order Testudines (turtles)		
Family Cheloniidae (hardshell sea turtles)		
Loggerhead sea turtle (*Caretta caretta*)	C	T/E*
Green sea turtle (*Chelonia mydas*)	C	E
Hawksbill sea turtle (*Eretmochelys imbricata*)	R	E
Kemp's Ridley sea turtle (*Lepidochelys kempi*)	C	E
Family Dermochelyidae (leatherback sea turtle)		
Leatherback sea turtle (*Dermochelys coriacia*)	U	E

Population status in the northern Gulf is summarized according to the following categories:

COMMON (C): A common species is one that is abundant wherever it occurs in the region (i.e. the northern Gulf). Most common species are widely distributed over the area.

UNCOMMON (U): An uncommon species may or may not be widely distributed but does not occur in large numbers. Uncommon species are not necessarily rare or endangered.

RARE (R): A rare species is one that is present in such small numbers throughout the region that it is seldom seen. Although not threatened with extinction, a rare species may become endangered if conditions in its environment change.

Endangered Species Act (ESA) status is summarized according to listing status under the following categories:

ENDANGERED (E): Species determined to be in imminent danger of extinction throughout all of a significant portion of their range.

THREATENED (T): Species determined likely to become endangered in the foreseeable future.

ENDANGERED POPULATION (E*): Breeding populations occurring off Florida are listed as Endangered, however, elsewhere in the Gulf of Mexico, the species is listed as Threatened.

Table 4-1

Projected Oil and Gas Production in the Gulf of Mexico OCS

	Proposed Action	OCS Program (2003-20042)
Western Gulf of Mexico Reserve/Resource Production		
Oil (BBO)	0.136-0.262	3.349-5.533
Gas (tcf)	0.810-1.440	42.661-58.174
Central Gulf of Mexico Reserve/Resource Production		
Oil (BBO)	0.276-0.654	12.005-16.525
Gas (tcf)	1.590-3.300	108.271-146.271
Eastern Gulf of Mexico Reserve/Resource Production		
Oil (BBO)		0.139-0.370
Gas (tcf)		2.488-3.538

Table 4-2

Offshore Scenario Information Related to the Proposed Action in the Central Planning Area

	Offshore Subareas*							Total CPA**
	C0-60 (western)	C0-60 (eastern)	C60-200	C200-800	C800-1600	C1600-2400	C>2400	
Wells Drilled								
Exploration and Delineation Wells	51 - 81	9 - 14	24 - 50	6 - 40	13 - 30	7 - 20	1 - 12	111 - 247
Development Wells	53 - 93	10 - 17	34 - 57	25 - 41	36 - 75	16 - 57	4 - 12	178 - 352
Oil Wells	15 - 29	3 - 5	10 - 17	17 - 27	22 - 47	12 - 42	3 - 10	82 - 177
Gas Wells	38 - 64	7 - 12	24 - 40	8 - 14	14 - 28	4 - 15	1 - 2	96 - 175
Workovers and Other Well Activities	216 - 381	41 - 70	139 - 233	102 - 168	147 - 307	65 - 233	16 - 49	726 - 1,441
Production Structures								
Installed	16 - 28	3 - 5	4 - 6	1 - 2	2 - 4	1 - 3	1	28 - 49
Removed Using Explosives	11 - 20	2 - 4	3 - 4	0 - 1	0	0	0	16 - 29
Total Removed	16 - 28	3 - 5	4 - 6	1 - 2	2 - 4	1 - 3	1	28 - 49
Method of Oil Transportation***								
Percent Piped	99%	99%	100%	100%	100%	100%	100%	> 99%
Percent Barged	1%	1%	0%	0%	0%	0%	0%	< 1%
Percent Tankered	0%	0%	0%	0%	0%	0%	0%	0%
Length of Installed Pipelines (km)#	130 - 400	30 - 80	NA	NA	NA	NA	NA	560 - 1,040
Blowouts	1 - 1	0 - 0	0 - 1	0 - 1	0 - 1	0 - 1	0 - 0	2 - 4
Service-Vessel Trips (1,000 trips)	35 - 61	7 - 11	9 - 14	3 - 5	5 - 10	2 - 7	0 - 0	63 - 111
Helicopter Trips (1,000 trips)	80 - 250	10 - 50	40 - 160	20 - 120	40 - 150	20 - 110	0 - 30	220 - 870

* See Figure 4-1.

** Subarea totals may not add up to the planning area total because of rounding.

*** 100% of gas is assumed to be piped.

Projected length of OCS pipelines does not include length in State waters.

NA means that information is not available.

Table 4-3

Offshore Scenario Information Related to the Proposed Action in the Western Planning Area

	Offshore Subareas*						Total WPA**
	W0-60	W60-200	W200-800	W800-1600	W1600-2400	W>2400	
Wells Drilled							
Exploration and Delineation Wells	19 - 30	5 - 16	6 - 24	4 - 25	2 - 15	1 - 5	37 - 115
Development Wells	28 - 40	11 - 18	25 - 34	23 - 42	8 - 26	2 - 6	97 - 166
Oil Wells	7 - 10	4 - 6	18 - 24	14 - 26	6 - 18	1 - 4	50 - 88
Gas Wells	21 - 30	7 - 12	7 - 10	9 - 16	2 - 8	1 - 2	47 - 78
Workovers and Other Well Activities	115 - 164	45 - 74	103 - 140	94 - 172	33 - 107	8 - 25	398 - 681
Production Structures							
Installed	6 - 8	1 - 2	1	1 - 2	1	1	11 - 15
Removed Using Explosives	4 - 6	1	1	0	0	0	6 - 8
Total Removed	6 - 8	1 - 2	1	1 - 2	1	1	11 - 15
Method of Oil Transportation***							
Percent Piped	99%	100%	100%	100%	100%	100%	> 99%
Percent Barged	1%	0%	0%	0%	0%	0%	< 1%
Percent Tankered	0%	0%	0%	0%	0%	0%	0%
Length of Installed Pipelines (km)#	160 - 320	NA	NA	NA	NA	NA	320 - 640
Blowouts	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	1 - 2
Service-Vessel Trips (1,000 trips)	13 - 18	2 - 5	0 - 1	2 - 5	0 - 1	0 - 0	25 - 36
Helicopter Trips (1,000 trips)	40 - 100	10 - 50	30 - 80	20 - 100	10 - 60	0 - 20	110 - 410

* See Figure 4-1.

** Subarea totals may not add up to the planning area total because of rounding.

*** 100% of gas is assumed to be piped.

Projected length of OCS pipelines does not include length in State waters.

NA means that information is not available.

Table 4-4

Offshore Scenario Information Related to OCS Program Activities in the Gulf of Mexico for the Years 2003-2042

	Water Depths*						Total OCS**
	0-60	60-200	200-800	800-1600	1600-2400	>2400	
Wells Drilled							
Exploration and Delineation Wells	3,409 - 3,977	1,217 - 1,420	1,162 - 1,262	1,989 - 2,782	1,003 - 1,458	216 - 434	8,996 - 11,333
Development Wells	7,390 - 8,181	3,599 - 3,990	2,057 - 2,232	2,727 - 3,619	1,125 - 2,472	250 - 585	17,148 - 21,079
Oil Wells	1,180 - 1,324	687 - 722	1,135 - 1,209	1,315 - 1,748	699 - 1,465	168 - 396	5,184 - 6,864
Gas Wells	6,210 - 6,857	2,912 - 3,268	922 - 1,023	1,412 - 1,871	426 - 1,007	82 - 189	11,964 - 14,215
Workovers and Other Well Activities	83,000 - 86,600	32,900 - 34,700	12,300 - 13,100	13,500 - 17,700	5,400 - 12,000	1,200 - 2,900	148,300 - 167,000
Production Structures							
Installed	2,239 - 2,969	426 - 566	100 - 107	151 - 200	57 - 125	14 - 32	2,987 - 3,999
Removed Using Explosives	3,696 - 4,243	579 - 692	29 - 30	0 - 0	0 - 0	0 - 0	4,305 - 4,965
Total Removed	5,286 - 6,069	827 - 988	82 - 87	85 - 109	28 - 55	8 - 14	6,303 - 7,296
Method of Oil Transportation***							
Percent Piped	99%	100%	92 - 100%	93 - 100%	94 - 100%	100%	94 - > 99%
Percent Barged	1%	0%	0%	0%	0%	0%	< 1%
Percent Tankered	0	0	0 - 7%	0 - 6%	0 - 7%	0 - 4%	0 - 6%
Length of Installed Pipelines (km)#	9,800 - 24,374	NA	NA	NA	NA	NA	27,590 - 52,364
Blowouts	99 - 108	42 - 46	24 - 26	33 - 45	15 - 28	3 - 7	215 - 258
Service-Vessel Trips (1,000 trips)	9,689 - 9,835	1,433 - 1,531	276 - 314	332 - 451	121 - 264	38 - 84	11,889 - 12,479
Helicopter Trips (1,000 trips)	11,374 - 18,920	4,792 - 8,360	4,075 - 5,727	5,094 - 10,203	2,150 - 6,047	501 - 1,445	27,997 - 50,692

* See Figure 4-1.
** Water depth totals may not add up to the OCS total because of rounding.
*** 100% of gas is assumed to be piped.
# Projected length of OCS pipelines does not include length in State waters.
NA means that information is not available.

Table 4-5

Offshore Scenario Information Related to OCS Program Activities in the Western Planning Area for the Years 2003-2042

	Offshore Subareas*						Total WPA**
	W0-60	W60-200	W200-800	W800-1600	W1600-2400	W>2400	
Wells Drilled							
Exploration and Delineation Wells	651 - 760	161 - 187	459 - 526	338 - 786	155 - 279	78 - 130	1,842 - 2,668
Development Wells	1,826 - 2,048	725 - 882	789 - 905	828 - 1,191	279 - 681	63 - 157	4,510 - 5,864
Oil Wells	238 - 286	135 - 164	443 - 517	353 - 554	151 - 375	34 - 88	1,354 - 1,984
Gas Wells	1,588 - 1,762	590 - 718	346 - 388	475 - 637	128 - 306	29 - 69	3,156 - 3,880
Workovers and Other Well Activities	15,800 - 16,800	7,100 - 7,800	4,500 - 5,000	4,100 - 5,800	1,300 - 3,300	300 - 800	33,100 - 39,500
Production Structures							
Installed	428 - 574	95 - 137	38 - 42	45 - 64	13 - 32	3 - 7	622 - 856
Removed Using Explosives	510 - 631	105 - 139	12 - 13	0	0	0	629 - 783
Total Removed	729 - 901	150 - 199	35 - 37	29 - 37	11 - 21	2 - 5	943 - 1,174
Method of Oil Transportation***							
Percent Piped	99%	# 100%	92 - 100%	93 - 100%	94 - 100%	100%	94 - > 99%
Percent Barged	1%	0%	0%	0%	0%	0%	< 1%
Percent Tankered	0%	0%	0% - 8%	0% - 7%	0% - 6%	0%	0 - 6%
Length of Installed Pipelines (km)#	4,820 - 9,660	NA	NA	NA	NA	NA	9,650 - 19,320
Blowouts	21 - 24	8 - 9	9 - 10	8 - 14	3 - 7	1 - 2	51 - 66
Service-Vessel Trips (1,000 trips)	682 - 733	269 - 316	118 - 136	113 - 158	33 - 78	8 - 19	1,223 - 1,440
Helicopter Trips (1,000 trips)	5,150 - 5,331	1,842 - 2,030	2,595 - 2,717	2,424 - 3,753	902 - 1,823	293 - 545	13,208 - 16,199

* See Figure 4-1.
** Subarea totals may not add up to the planning area total because of rounding.
*** 100% of gas is assumed to be piped.
# Projected length of OCS pipelines does not include length in State waters.
NA means that information is not available.

Table 4-6

Offshore Scenario Information Related to OCS Program Activities in the Central Planning Area for the Years 2003-2042

	Offshore Subareas*							Total CPA**
	C0-60 (western)	C0-60 (eastern)	C60-200	C200-800	C800-1600	C1600-2400	C>2400	
Wells Drilled								
Exploration and Delineation Wells	2,337 - 2,728	413 - 481	1,056 - 1,233	703 - 736	1,651 - 1,996	834 - 1,150	114 - 260	7,108 - 8,584
Development Wells	4,708 - 5,190	831 - 916	2,874 - 3,108	1,268 - 1,327	1,899 - 2,428	821 - 1,736	152 - 347	12,553 - 15,052
Oil Wells	801 - 882	141 - 156	552 - 558	692 - 692	962 - 1,194	538 - 1,063	115 - 258	3,801 - 4,803
Gas Wells	3,907 - 4,308	690 - 760	2,322 - 2,550	576 - 635	937 - 1,234	283 - 673	37 - 89	8,752 - 10,249
Workovers and Other Well Activities	61,300 - 63,500	5,800 - 6,200	25,800 - 26,900	7,800 - 8,100	9,400 - 11,900	4,000 - 8,400	700 - 1,700	114,800 - 126,700
Production Structures								
Installed	1,539 - 2,034	271 - 359	331 - 429	62 - 65	106 - 136	42 - 90	9 - 21	2,360 - 3,134
Removed Using Explosives	2,808 - 3,161	377 - 452	474 - 552	16 - 18	0	0	0	3,676 - 4,183
Total Removed	4,012 - 4,515	539 - 646	677 - 789	47 - 50	56 - 72	15 - 32	4 - 6	5,350 - 6,110
Method of Oil Transportation***								
Percent Piped	99%	99%	100%	94% - 100%	94% - 100%	93% - 100%	94% - 100%	94% - > 99%
Percent Barged	1%	1%	0%	0%	0%	0%	0%	< 1%
Percent Tankered	0%	0%	0%	0 - 6%	0 - 6%	0 - 7%	0 - 6%	0 - 6%
Length of Installed Pipelines (km)#	4,100 - 12,320	720 - 2,170	NA	NA	NA	NA	NA	16,900 - 31,380
Blowouts	68 - 74	10 - 11	33 - 36	15 - 15	25 - 31	12 - 20	2 - 4	164 - 192
Service-Vessel Trips (1,000 trips)	8,345 - 8,384	657 - 709	1,164 - 1,215	158 - 178	220 - 293	80 - 172	21 - 45	10,644 - 10,996
Helicopter Trips (1,000 trips)	5,290 - 11,540	930 - 2,040	2,950 - 6,330	1,480 - 3,010	2,670 - 6,450	1,240 - 4,210	200 - 880	14,770 - 34,450

* See Figure 4-1.
** Subarea totals may not add up to the planning area total because of rounding.
*** 100% of gas is assumed to be piped.
# Projected length of OCS pipelines does not include length in State waters.
NA means that information is not available.

Table 4-7

Offshore Scenario Information Related to OCS Program Activities in the Eastern Planning Area for the Years 2003-2042

	Offshore Subareas*			Total EPA**
	E0-60	E1600-2400	E>2400	
Wells Drilled				
Exploration and Delineation Wells	8 - 8	14 - 29	24 - 44	46 - 81
Development Wells	25 - 27	25 - 55	35 - 81	85 - 163
Oil Wells	0 - 0	10 - 27	19 - 50	29 - 77
Gas Wells	25 - 27	15 - 28	16 - 31	56 - 86
Workovers and Other Well Activities	100 - 100	100 - 300	200 - 400	400 - 800
Production Structures				
Installed	1 - 2	2 - 3	2 - 4	5 - 9
Removed Using Explosives	0	0	0	0
Total Removed	6 - 7	2 - 2	2 - 3	10 - 12
Method of Oil Transportation***				
Percent Piped	100%	100%	100%	100%
Percent Barged	0%	0%	0%	0%
Percent Tankered	0%	0%	0%	0%
Length of Installed Pipelines (km)#	160 - 224	N/A	N/A	1,040 - 1,664
Blowouts	0 - 0	0 - 1	0 - 1	
Service-Vessel Trips (1,000 trips)	4 - 8	8 - 14	9 - 20	21 - 42
Helicopter Trips (1,000 trips)	4 - 9	7 - 15	8 - 20	19 - 43

* See Figure 4-1.
** Subarea totals may not add up to the planning area total because of rounding.
*** 100% of gas is assumed to be piped.
# Projected length of OCS pipelines does not include length in State waters.
NA means that information is not available.

Table 4-8

Coastal Infrastructure Related to OCS Program Activities in the Gulf of Mexico for the Years 2003-2042 by Subarea

	Coastal Subareas*																				Total OCS Program**	
	TX-1		TX-2		LA-1		LA-2		LA-3		MA-1		FL-1		FL-2		FL-3		FL-4			
Infrastructure	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New
Pipeline Landfalls	2	0-2	11	4-8	38	4-6	33	6-9	35	5-7	7	4-6	0	0	0	0	0	0	0	0	126	23-38
Service Bases	10	0	6	0	10	0	13	0	6	0	4	0	1	0	0	0	0	0	0	0	50	0
Helicopter Hubs	7	0	32	0	29	0	28	0	27	0	5	0	0	0	0	0	0	0	0	0	128	0
Platform Yards	3	0	4	0	11	0	12	0	8	0	5	0	0	0	0	0	0	0	0	0	43	0
Shipyards	2	0	25	0	3	0	15	0	20	0	20	0	4	0	1	0	4	0	0	0	94	0
Pipecoating Plants	0	0	7	0	5	0	0	0	2	0	2	0	2	0	0	0	1	0	0	0	19	0
Refineries	5	0	14	0	4	0	1	0	9	0	4	0	0	0	0	0	0	0	0	0	37	0
Petrochemical Plants	4	0	16	0	3	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	29	0
Gas Processing Plants	0	0-2	1	1-3	13	1-3	8	1-3	7	1-3	6	0-2	0	0	0	0	0	0	0	0	35	4-16
Pipeline Shore Facilities	6	0-1	7	2-4	18	2-3	10	3-5	9	3-4	0	2-3	0	0	0	0	0	0	0	0	50	12-20
Barge Terminals	1	0	3	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	8	0
Tanker Ports	1	0	3	0	1	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	10	0
Waste Disposal Plants	4	0	5	0	10	0	8	0	3	0	4	0	0	0	0	0	0	0	0	0	34	0

* See Figure 4-1.

** Individual coastal subarea totals do not add up to the OCS Program total because some navigation channels span more than one subarea (Chapter 4.1.2.1.10).

Notes: Current infrastructure refers to the maximum number of existing facilities that will be used to support future operations.

New infrastucture refers to facilities projected to be built to support future operations. Expansion of existing facilities is not included.

Table 4-9

Comparison of Average Volumes of Muds and Cuttings Discharged from a Well Using Water-based Drilling Fluids Versus a Well Using Synthetic-based Drilling Fluids

Base Fluid	Average Depth Drilled (m)	Volume of Discharged Mud (bbl)	Volume of Discharged Cuttings (bbl)
Water	1,480	3,766	551
Synthetic	850	246	211

Source: Avanti Corporation, 1997.

Table 4-10

Total Volume of Produced Water Generated for the Years 1996-2000 by Block, the Number of Blocks Where Produced Water is Recovered, and the Maximum Volume of Produced Water Generated from a Block Each Year

Year	Number of Blocks	Total Produced Water (bbl)	Maximum Volume (bbl)
1996	1,367	9,412,000	119,000
1997	1,374	10,216,000	324,000
1998	1,405	11,011,000	279,000
1999	1,405	10,847,000	176,000
2000	1,426	11,391,000	117,000

Table 4-11

Average Annual Emission Rates from OCS Infrastructures in the Gulf of Mexico

	NO_x	CO	SO_x	VOC	PM_{10}
Platforms (tons/platform/year)	50.88	11.84	8.55	38.58	0.93
Exploration Well (tons/well)[1]	19.82	5.28	2.32	1.91	0.57
Development Well (tons/well)[2]	21.49	5.73	2.52	2.07	0.61

Source: USDOI, MMS, 1994.

[1] Assumes a 4,115-m hole, 40-day drilling period, and a power consumption of 120 horsepower hour/foot.

[2] Assumes a 3,050-m hole, a 35-day drilling period in less than 400-m water depth, a 60-day drilling period in greater than 400-m water depth, and a power consumption of 180 horsepower hour/foot.

Table 4-12

Minimum and Maximum Number of New Tanker Port Trips per Year
at Identified Gulf of Mexico Tanker Ports

Option	Minimum Number of New Tanker Trips per Year	Maximum Number of New Tanker Trips per Year
Option 1 - One Port assumes all new tankers trips	500	1,000
Option 2 - Two Ports split new tanker trips by two	250	500
Option 3 - Three Ports split new tanker trips by three	167	333
Option 4 - Four Ports split new tanker trips by four	125	250
Option 5 - Five Ports split new tanker trips by five	100	200
Option 6 - Six Ports split new tanker trips by six	83	167
Option 7 - Seven Ports split new tanker trips by seven	71	143

Table 4-13

Coastal Pipelines Related to the Proposed Actions

	Western Proposed Action		Central Proposed Action	
	Low	High	Low	High
OCS Pipeline landfalls	0	1	0	1
OCS Pipelines entering State waters*	1	1	1	2
Length of OCS pipelines in State waters (km)	5	5	5	10
Length of OCS pipelines onshore (km)	0	10	0	10

*2/3 of OCS pipelines entering State waters tie into existing pipeline systems and do not result in new landfal

Table 4-14

Coastal Pipelines Related to OCS Program Activities in the Gulf of Mexico for the Years 2003-2042

	TX-1		TX-2		LA-1		LA-2		LA-3		MA-1		FL-1		Total	
	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New
OCS Pipeline landfalls	2	0-2	11	4-8	38	4-6	33	6-9	35	5-7	7	4-6	0	0	126	23-38
OCS Pipelines entering State waters*	10	0-10	28	10-20	84	10-15	99	20-30	129	20-30	16	10-15	0	0	366	70-120
Length of OCS pipelines in State waters (km)	53	0-60	198	70-140	341	40-50	486	90-140	518	90-130	65	50-70	0	0	1661	340-590
Length of OCS pipelines onshore (km)	58	0-60	108	40-80	180	20-40	180	40-50	136	20-30	29	20-20	0	0	691	140-280

*2/3 of OCS pipelines entering State waters tie into existing pipeline systems and do not result in new landfalls.

Table 4-15

Beach Cleanup Totals—1998-2000

State	Year	Underwater (lbs)	Underwater (miles)	Land (lbs)	Land (miles)	Total (lbs)	Total (miles)
Texas							
	1998	N/A	N/A	245,325	150.55	245,325	150.55
	1999	4,823	2.60	418,869	203.1	423,692	2.60
	2000	2,910	1.25	323,905	193.8	326,815	1.25
Louisiana							
	1998	N/A	N/A	N/A	N/A	N/A	N/A
	1999	N/A	N/A	184,800	96	184,800	N/A
	2000	15	N/A	85,208	163.25	85,223	163.25
Mississippi							
	1998	N/A	N/A	N/A	N/A	N/A	N/A
	1999	N/A	N/A	1,500	76.8	1,500	N/A
	2000	8,000	1.25	60,060	70	68,060	1.25
Alabama							
	1998	155	0.75	47,215	158.5	47,370	0.75
	1999	450	0.40	55,013	203.55	55,463	203.95
	2000	10	0.01	94,548	293.19	94,558	293.2
Total		16,363	6	1,516,443	811	1,532,806	817

Source: Ocean Conservancy. 2001. International Coastal Cleanup 1998-2000 web pages: March, August.
N/A means information is not available.

Table 4-16

Annual Inputs of Petroleum Hydrocarbons to Gulf of Mexico Waters from Various Sources*

Source	Million metric tons	% of Inputs Calculated
Spills	0.010	
OCS-Related	0.001	1%
Non-OCS-Related	0.009	9%
Produced Water from OCS Production	0.003	3%
Upriver Runoff	0.009	9%
Urban Runoff	0.005	5%
Municipal Wastewater Discharges	0.024	2%
Industrial Discharges	0.009	9%
Natural Seepage	0.027	28%
Atmospheric Sources	Not calculated	Not calculated
Vessel Operational Discharges**	Not calculated	Not calculated
Flux from Sediment Disturbances	Not calculated	Not calculated
International Inputs	Not calculated	Not calculated

* Chapter 4.4.2.1 documents the assumptions used by MMS to make these estimates.
**Because MMS expects that the previous projection for the contribution from operational discharges from vessels (estimated by the NAS to make up 47% of the total contribution to the World Ocean) will be reduced significantly, no calculation is provided for this number.

Table 4-17

Projected Annual Oil Spill Occurrence within Coastal and Offshore Waters of the Gulf of Mexico
(Gulfwide Projections)

Source	Number of Spills ≥1,000 bbl*	Assumed Size (bbl)	Source	Number of Spills <1,000 bbl*	Assumed Size (bbl)
Offshore Spills			Offshore Spills		
Total All Sources	4-5 per year		Total All Sources	1,550-2,150	6
Total Non-OCS Sources	3-4 per year		Total Non-OCS Sources	200-250 per year	6
Tanker Traffic	1 per year	14,600	Tanker Traffic		
Barge Traffic	2-3 per year	3,000	Barge Traffic		
Total OCS Program Sources	1 every 1-2 years		Total OCS Program Sources	1.350-1,900 per year	
Facility	1 every 15-20 years	1,500	By Size		
Pipeline	1 every 2-3 years	4,600	0.1-1 bbl	1,300-1,850 per year	0.7
Shuttle Tanker	1 in next 40 years	14,600	1.1 bbl-50 bbl	35-50 per year	6
			51 bbl-999 bbl	2-4 per year	165
Coastal Spills			Coastal Spills		
Total All Sources	10-15 per year		Total All Sources	1,875 per year	6
Total Non-OCS Sources	10-12 per year		Total Non-OCS Sources	1,775 per year	6
Tankers	1 per year	4,500	Tankers		
Barge Traffic	7-8 per year	3,000	Barge Traffic		
Other	3-4 per year	4,200	Other		
OCS Sources	1 per year	4,200	OCS Sources	100 per year	6

*Non-OCS and OCS sources may not add up to the total from all sources because of rounding.

Table 4-18

OCS and Non-OCS Program Spill Rates

OCS Program Spill Rates	
<1,000 bbl	
<or = 1 bbl	3,357 spills/BBO handled
>1 and <50 bbl	91 spills/BBO handled
>or = 50 bbl and <1,000 bbl	7 spills/BBO handled
≥1,000 bbl	
Facility	0.13 spills/BBO handled
Pipeline	1.38 spills/BBO handled
Shuttle Tanker	0.72 spills/BBO handled
offshore	0.29 spills/BBO handled
coastal	0.43 spills/BBO handled
Barge	1.23 spills/BBO handled
Non-OCS Program Spill Rates	
<1,000	rate based on yearly occurrence information
≥1,000 bbl	
Import Tanker	0.82 spills/BBO handled
offshore	0.36 spills/BBO handled
coastal	0.46 spills/BBO handled
Coastwise Tanker	0.72 spills/BBO handled
offshore	0.29 spills/BBO handled
coastal	0.43 spills/BBO handled
Barge	1.23 spills/BBO handled
Pipeline	rate based on yearly occurrence information

Table 4-19

Probability of One or More Offshore Spill Events (percent chance) and the Mean Number of Spills Estimated for Two Size Groups (≥1,000 bbl and ≥10,000 bbl) that Could Occur as a Result of an Accident Associated with Either Facility, Pipeline, or Tanker OCS Program Operations

	OCS Facilities		OCS Pipelines		OCS Shuttle Tankers		All OCS Sources	
	low	high	low	high	low	high	low	high
For Possible Spills Occurring ≥1,000 bbl								
Western Planning Area - OCS Program								
Mean Number of Spills	< 1	1	5	7	< 1	< 1	5	8
Probability of Occurrence (%)	35	51	99	99+	< 0.5	20	99	99+
Central Planning Area - OCS Program								
Mean Number of Spills	2	2	17	22	< 1	1	18	24
Probability of Occurrence (%)	79	88	99+	99+	< 0.5	49	99+	99+
Eastern Planning Area - OCS Program								
Mean Number of Spills	< 1	< 1	< 1	1	0	0	< 1	1
Probability of Occurrence (%)	2	5	17	40	0	0	19	43
Gulf Wide OCS Program								
Mean Number of Spills	2	3	21	29	< 1	1	23	33
Probability of Occurrence (%)	86	95	99+	99+	< 0.5	60	99+	99+
For Possible Spills Occurring ≥10,000 bbl								
Western Planning Area - OCS Program								
Mean Number of Spills	< 1	< 1	1	2	< 1	< 1	1	2
Probability of Occurrence (%)	15	24	68	83	< 0.5	8	73	88
Central Planning Area- OCS Program								
Mean Number of Spills	1	1	4	5	< 1	< 1	5	6
Probability of Occurrence (%)	45	56	98	99	< 0.5	21	99	99+
Eastern Planning Area - OCS Program								
Mean Number of Spills	< 1	< 1	< 1	< 1	0	0	< 1	< 1
Probability of Occurrence (%)	1	2	5	12	0	0	5	13
Gulfwide OCS Program								
Mean Number of Spills	1	1	5	7	< 1	< 1	6	9
Probability of Occurrence (%)	54	68	99	99+	< 0.5	28	99+	99+

Table 4-20

OCS Offshore Oil[1] Spills, 1985-1999

Spill Size Grouping	Total Number of Spills	Total Volume of Oil Spilled (bbl)	Number of Spills by Source Facility[2]/Pipeline	Spill Rate[3] (Spills/BBO)	Average Spill Size (bbl)	Median Spill Size (bbl)
0-1.0 bbl	19,506	1,365	unavailable	3,357.31	0.07	unavailable
1.1-9.9 bbl	434	1,302	326/108	74.70	3.0	2.8
10.0-49.9 bbl	94	1,786	66/28	16.18	19.0	17.8
50.0-499.9 bbl	37	4,551	28/9	6.37	123	87
500.0-999.9 bbl	3	2,043	2/1	0.52	681	643
≥1,000 bbl	8	5,373	0/8	0.13/1.38[4]	6,716	4,551
≥10,000 bbl	2	30,000	0/2	0.05/0.34	15,000	15,000

[1] Oil spilled includes crude oil, condensate, and refined petroleum products.
[2] Facilities represent spills that have occurred during drilling, development, and production operations.
[3] Spill Rate = spills per BBO handled; BBO = 10^9 bbl (from 1985 to 1999 OCS production = 5.81 BBO).
[4] Facility Spills rate/Pipeline Spill rate

Source: Anderson and LaBelle, 2000.

Table 4-21

Projected Total OCS Emissions Related to a Proposed Action in the CPA by Source
(tons over the 40-year life of a proposed action)

Activity/Pollutant	NO_x	CO	SO_x	VOC	PM_{10}
Service Vessels	29,685 – 52,303	2,983 – 5,255	3,091 – 5,447	1,295 – 2,282	1,796 – 3,165
Pipeline Vessels	2,574 – 4,780	862 – 1,602	358 – 666	235 – 437	213 – 395
LTO Helicopters	24 – 94	19 – 76	4 – 15	1 – 3	1 – 4
Cruise Helicopters	41 – 162	117 – 464	9 – 35	9 – 35	12 – 46
Blowouts without Fire	0	0	0	0 – 126	0
Spills without Fire	0	0	0	0 – 6,717	0
Barge Loading	0	0	0	63 – 148	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	84 – 200	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	499 – 1,182	50 – 118	52 – 122	21 – 49	29 – 71
Platform Construction	5,898 – 10,321	1,165 – 2,038	336 – 588	346 – 606	362 – 634
Exploratory Wells	2,200 – 4,896	586 – 1,304	258 – 573	212 – 472	63 – 141
Development Wells	3,825 – 7,779	1,020 – 2,074	449 – 912	369 – 749	108 – 221
Platforms	35,331 – 87,005	8,222 – 20,246	5,937 – 14,620	26,790 – 65,972	646 – 1,590
Totals	80,077 – 168,522	15,024 – 33,178	10,493 – 22,977	33,793 – 77,795	3,231 – 6,267

Table 4-22

Projected Total OCS Emissions Related to a Proposed Action in the Central Planning Area by Subarea
(tons over the 40-year life of a proposed action)

Pollutant Distribution	C0-60	C60-200	C200-800	C800-1600	C1600-2400
NO_x	54,338 – 113,494	11,440 – 20,635	2,860 – 6,878	5,720 – 13,757	2,860 – 10,318
CO	10,195 – 22,344	2,146 – 4,063	537 – 1,354	1,073 – 2,708	537 – 2,031
SO_x	7,120 – 15,474	1,499 – 2,814	375 – 938	750 – 1,876	375 – 1,407
VOC	22,931 – 52,393	4,828 – 9,526	1,207 – 3,175	2,414 – 6,351	2,413 – 4,763
PM_{10}	2,193 – 4,220	462 – 767	115 – 256	231 – 5,12	115 – 384

Pollutant Distribution	>C2400	Total
NO_x	2,860 – 3,439	80,077 – 168,522
CO	537 – 677	15,024 – 33,178
SO_x	375 – 469	10,493 – 22,977
VOC	1,207 – 1,588	33,793 – 77,795
PM_{10}	115 – 128	3,231 – 6,267

Table 4-23

Projected Peak-Year OCS Emissions Related to a Proposed Action in the Central Planning Area by Source
(tons)

Activity/Pollutant	NO_x	CO	SO_x	VOC	PM_{10}
Service Vessels	1,496 – 2,508	150 – 252	156 – 261	65 – 109	91 – 152
Pipeline Vessels	460 – 488	154 – 163	64 – 68	42 – 45	38 – 40
LTO Helicopters	1 – 5	1 – 4	0.2 – 0.7	0 – 0.2	0 – 0.2
Cruise Helicopters	2 – 8	6 – 1,107	0.4 – 2	0.4 – 2	1 – 2
Blowouts without Fire	0	0	0	11 – 126	0
Spills without Fire	0	0	0	4,358 – 6,717	0
Barge Loading	0	0	0	3 – 6.2	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	4 – 8.4	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	21 – 49	2 – 5	2 – 5	1 – 2	2 – 3
Platform Construction	1,053 – 1,053	208 – 208	60 – 60	62 – 62	65 – 65
Exploratory Wells	456 – 813	121 – 217	53 – 95	44 – 78	13 – 23
Development Wells	193 – 387	52 – 103	23 – 45	19 – 37	6 – 11
Platforms	1,781 – 4,172	414 – 971	299 – 701	1,350 – 3,164	33 – 76
Totals	5,463 – 9,483	1,109 – 3,030	658 – 1,238	5,959 – 10,356	247 – 373

Table 4-24

Projected Peak-Year OCS Emissions Related to a Proposed Action by CPA Subarea
(tons)

Pollutant Distribution	C0-60	C60-200	C200-800	C800-1600	C1600-2400
NO_x	3,707 – 6,386	781 – 1,161	195 – 387	390 – 774	195 – 581
CO	752 – 2,041	158 – 371	40 – 124	79 – 247	40 – 186
SO_x	446 – 834	94 – 152	24 – 51	47 – 101	24 – 76
VOC	4,043 – 6,975	851 – 1,268	212 – 423	426 – 845	213 – 634
PM_{10}	168 – 251	35 – 46	9 – 15	18 – 30	9 – 23

Pollutant Distribution	>C2400	Total
NO_x	195 – 194	5,463 – 9,483
CO	40 – 62	1,109 – 3030
SO_x	24 – 25	658 – 1,238
VOC	211 – 213	5,959 – 10,356
PM_{10}	8 – 9	247 – 373

Table 4-25

Class I
OCD Modeling Results for a Proposed Action in the Central Planning Area
and the Corresponding Maximum Allowable Increases

Pollutant Averaging Period	Class I Maximum Allowable Increase*	Class I Modeled Impact**
SO_2		
Annual	2.0 µg/m^3	0.00 - 0.02 µg/m^3
24-hour	5.0 µg/m^3	0.14 µg/m^3
3-hour	25.0 µg/m^3	0.6 - 0.7 µg/m^3
NO_2		
Annual	2.5 µg/m^3	0.09 - 0.12 µg/m^3
PM_{10}		
Annual	5.0 µg/m^3	0.00 - 0.01 µg/m^3
24-hour	10.0 µg/m^3	0.06 µg/m^3

*30 CFR 250.303
**Calculated using MMS's Offshore and Coastal Dispersion (OCD) Model
Source: 40 CFR Part 51.166, 1996.

Table 4-26

Class II
OCD Modeling Results for a Proposed Action in the Central Planning Area
and the Corresponding Maximum Allowable Increases

Pollutant Averaging Period	Class II Maximum Allowable Increase*	Class II Modeled Impact**
SO_2		
Annual	20.0 µg/m^3	0.04 µg/m^3
24-hour	91.0 µg/m^3	0.5 µg/m^3
3-hour	512.0 µg/m^3	1.8 - 1.9 µg/m^3
NO_2		
Annual	25.0 µg/m^3	0.36 - 0.42 µg/m^3
PM_{10}		
Annual	19.0 µg/m^3	0.02 µg/m^3
24-hour	37.0 µg/m^3	0.2 µg/m^3

*30 CFR 250.303
**Calculated using MMS's Offshore and Coastal Dispersion (OCD) Model
Source: 40 CFR Part 51.166, 1996.

Table 4-27

Table was removed.

Table 4-28

Table was removed.

Table 4-29

Population Projected for a Proposed Central Planning Area Lease Sale by Coastal Subarea

Year	TX-1 Low - High	TX-2 Low - High	WGOM Low - High	LA-1 Low - High	LA-2 Low - High	LA-3 Low - High	MA-1 Low - High	CGOM Low - High	FL-1 Low - High	FL-2 Low - High	FL-3 Low - High	FL-4 Low - High	EGOM Low - High
1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
2	8 - 15	372 - 664	380 - 678	172 - 306	133 - 237	199 - 357	17 - 29	521 - 929	2 - 3	1 - 2	2 - 2	1 - 1	6 - 8
3	52 - 97	837 - 1,578	888 - 1,675	435 - 791	329 - 605	545 - 983	52 - 105	1,361 - 2,484	3 - 6	1 - 2	6 - 6	1 - 3	12 - 17
4	118 - 164	1,111 - 1,575	1,229 - 1,738	600 - 822	459 - 638	819 - 1,101	92 - 140	1,970 - 2,701	4 - 5	1 - 1	7 - 7	1 - 2	13 - 15
5	29 - 96	541 - 1,494	570 - 1,590	273 - 750	210 - 580	336 - 931	32 - 101	851 - 2,363	2 - 6	1 - 2	6 - 6	1 - 2	10 - 16
6	739 - 734	5,231 - 5,760	5,970 - 6,495	1,879 - 2,150	1,800 - 2,000	2,778 - 3,082	773 - 774	7,230 - 8,005	14 - 16	2 - 3	20 - 20	5 - 6	41 - 46
7	51 - 75	765 - 1,419	816 - 1,494	399 - 691	306 - 542	499 - 840	49 - 86	1,253 - 2,160	3 - 5	1 - 3	6 - 6	1 - 2	11 - 16
8	512 - 604	3,303 - 4,580	3,815 - 5,184	956 - 1,624	1,051 - 1,566	1,463 - 2,326	594 - 668	4,064 - 6,184	6 - 11	1 - 3	14 - 14	2 - 4	23 - 32
9	101 - 274	1,030 - 2,782	1,130 - 3,056	531 - 1,317	420 - 1,080	712 - 1,777	81 - 231	1,743 - 4,404	4 - 11	1 - 2	14 - 14	1 - 4	20 - 31
10	7 - 64	238 - 918	245 - 982	110 - 461	90 - 366	125 - 569	11 - 65	335 - 1,460	1 - 4	1 - 2	4 - 4	1 - 2	6 - 10
11	986 - 1,390	5,834 - 8,547	6,820 - 9,937	1,528 - 2,294	1,810 - 2,666	2,455 - 3,634	1,137 - 1,601	6,930 - 10,195	9 - 15	1 - 3	19 - 19	3 - 5	33 - 41
12	27 - 42	423 - 839	450 - 882	216 - 403	171 - 324	267 - 482	27 - 50	680 - 1,259	2 - 3	1 - 2	3 - 3	1 - 2	7 - 10
13	120 - 169	1,175 - 1,764	1,295 - 1,933	613 - 888	487 - 714	827 - 1,166	94 - 146	2,020 - 2,915	4 - 6	1 - 2	8 - 8	2 - 3	14 - 18
14	7 - 15	244 - 522	251 - 537	111 - 238	92 - 197	127 - 273	11 - 24	343 - 732	1 - 2	1 - 1	2 - 2	1 - 1	5 - 7
15	26 - 1,036	379 - 6,641	405 - 7,677	195 - 1,998	155 - 2,168	242 - 3,062	24 - 1,146	616 - 8,375	2 - 13	1 - 2	17 - 17	1 - 5	20 - 37
16	7 - 15	243 - 519	250 - 533	110 - 236	92 - 195	125 - 269	11 - 24	339 - 724	1 - 2	1 - 1	2 - 2	1 - 1	4 - 7
17	7 - 15	240 - 514	247 - 528	109 - 233	91 - 193	124 - 265	11 - 24	334 - 715	1 - 2	1 - 1	2 - 2	1 - 1	4 - 7
18	27 - 62	378 - 823	405 - 886	193 - 409	156 - 334	240 - 508	25 - 60	613 - 1,313	2 - 3	1 - 2	4 - 4	1 - 1	7 - 10
19	7 - 16	221 - 512	228 - 527	100 - 232	87 - 197	115 - 265	11 - 25	314 - 719	1 - 3	1 - 2	2 - 2	1 - 1	5 - 8
20	26 - 506	366 - 3,392	392 - 3,898	187 - 1,029	151 - 1,113	231 - 1,525	24 - 566	593 - 4,233	2 - 7	1 - 2	9 - 9	1 - 3	12 - 20
21	8 - 15	244 - 513	251 - 528	110 - 230	95 - 195	125 - 262	12 - 24	342 - 712	1 - 3	1 - 2	2 - 2	1 - 1	5 - 8
22	6 - 13	179 - 441	185 - 454	81 - 198	71 - 169	93 - 225	9 - 21	254 - 613	1 - 2	1 - 1	2 - 2	0 - 1	4 - 7
23	25 - 60	347 - 779	372 - 840	176 - 384	141 - 315	217 - 474	22 - 58	557 - 1,231	1 - 3	1 - 1	3 - 3	1 - 1	6 - 9
24	5 - 11	143 - 342	148 - 352	65 - 154	57 - 133	74 - 174	8 - 17	204 - 478	1 - 2	1 - 1	2 - 2	0 - 1	3 - 6
25	3 - 8	114 - 252	117 - 259	51 - 113	43 - 97	57 - 127	5 - 12	156 - 348	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
26	5 - 32	122 - 415	127 - 448	55 - 203	53 - 173	65 - 250	7 - 31	179 - 657	1 - 2	1 - 1	2 - 2	0 - 1	4 - 6
27	11 - 14	174 - 279	185 - 293	70 - 117	91 - 131	100 - 152	16 - 21	277 - 421	3 - 3	2 - 2	3 - 3	1 - 1	8 - 9
28	4 - 8	101 - 211	106 - 219	45 - 95	45 - 89	54 - 110	6 - 12	150 - 306	1 - 2	1 - 1	1 - 1	0 - 1	3 - 5
29	9 - 12	134 - 220	144 - 232	52 - 90	75 - 107	78 - 120	14 - 18	219 - 335	2 - 3	1 - 2	3 - 3	1 - 1	7 - 8
30	2 - 5	57 - 133	59 - 139	25 - 59	23 - 57	29 - 69	3 - 8	80 - 193	0 - 1	0 - 1	1 - 1	0 - 0	2 - 3
31	2 - 3	38 - 95	40 - 98	17 - 42	18 - 39	21 - 48	3 - 5	58 - 134	0 - 1	0 - 0	1 - 1	0 - 0	1 - 2
32	0 - 9	1 - 139	1 - 148	1 - 54	1 - 76	1 - 79	0 - 14	3 - 223	0 - 2	0 - 1	2 - 2	0 - 1	2 - 7
33	14 - 14	153 - 160	167 - 174	58 - 61	100 - 104	96 - 100	20 - 21	273 - 286	4 - 4	2 - 2	3 - 3	2 - 2	11 - 11
34	0 - 0	1 - 2	1 - 2	1 - 1	1 - 1	1 - 1	0 - 0	2 - 3	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
35	2 - 10	19 - 108	20 - 117	8 - 40	12 - 70	12 - 67	2 - 14	34 - 192	0 - 3	0 - 2	2 - 2	0 - 1	3 - 8
36	8 - 22	89 - 247	97 - 269	32 - 91	58 - 160	55 - 152	12 - 33	157 - 437	2 - 6	1 - 4	5 - 5	1 - 2	10 - 18
37	0 - 9	1 - 95	1 - 104	0 - 34	0 - 62	0 - 59	0 - 13	1 - 168	0 - 2	0 - 1	2 - 2	0 - 1	2 - 7
38	0 - 0	1 - 1	1 - 1	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
39	0 - 0	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
40	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0

Table 4-30

Population Projected for a Proposed Central Planning Area Lease Sale as a Percent of Total Population by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
3	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
4	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
5	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
6	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.3 - 0.3	0.2 - 0.2	0.2 - 0.2	0.1 - 0.1	0.2 - 0.2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
7	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
8	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.1 - 0.2	0.1 - 0.1	0.1 - 0.2	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
9	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.2	0.0 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
10	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
11	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.2 - 0.3	0.2 - 0.2	0.2 - 0.3	0.1 - 0.2	0.2 - 0.2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
12	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
13	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
14	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
15	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.3	0.0 - 0.2	0.0 - 0.2	0.0 - 0.1	0.0 - 0.2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
16	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
17	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
18	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
19	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
20	0.0 - 0.0	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
21	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
22	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
23	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
24	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
25	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
26	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
27	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
28	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
29	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
30	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
31	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
32	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
33	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
34	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
35	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
36	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
37	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
38	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
39	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
40	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0

Table 4-31

Employment (Direct, Indirect, and Induced) Projected for a Proposed Central Planning Area Lease Sale by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
2	4 - 7	228 - 408	233 - 415	97 - 174	77 - 137	121 - 218	9 - 16	305 - 545	1 - 1	0 - 1	1 - 1	0 - 1	3 - 4
3	26 - 48	515 - 972	541 - 1,020	248 - 451	191 - 352	333 - 601	30 - 60	802 - 1,463	2 - 3	0 - 1	4 - 4	1 - 1	7 - 9
4	59 - 82	685 - 971	744 - 1,053	343 - 471	267 - 371	502 - 675	53 - 80	1,165 - 1,597	2 - 3	0 - 0	4 - 4	1 - 1	7 - 9
5	15 - 48	334 - 923	349 - 971	157 - 431	122 - 338	207 - 575	18 - 58	505 - 1,402	1 - 3	0 - 1	4 - 4	1 - 1	6 - 9
6	371 - 369	3,238 - 3,566	3,609 - 3,935	1,086 - 1,243	1,049 - 1,166	1,724 - 1,912	445 - 446	4,305 - 4,767	8 - 9	1 - 1	12 - 12	3 - 4	24 - 26
7	26 - 38	474 - 880	500 - 918	232 - 402	179 - 316	312 - 524	28 - 50	750 - 1,292	2 - 3	0 - 1	3 - 3	1 - 1	6 - 9
8	258 - 305	2,052 - 2,845	2,310 - 3,150	558 - 949	614 - 915	918 - 1,460	345 - 388	2,436 - 3,711	3 - 6	1 - 1	8 - 8	1 - 3	14 - 18
9	51 - 138	641 - 1,731	691 - 1,869	311 - 772	245 - 632	449 - 1,121	47 - 134	1,053 - 2,659	2 - 6	0 - 1	8 - 8	1 - 2	12 - 18
10	3 - 33	148 - 572	152 - 605	65 - 271	53 - 214	79 - 360	7 - 38	203 - 884	1 - 2	0 - 1	2 - 2	0 - 1	3 - 6
11	498 - 703	3,641 - 5,333	4,139 - 6,036	904 - 1,358	1,062 - 1,563	1,561 - 2,310	666 - 938	4,192 - 6,169	5 - 8	0 - 1	12 - 12	2 - 3	19 - 24
12	14 - 21	264 - 525	278 - 546	128 - 239	100 - 191	170 - 308	16 - 29	414 - 767	1 - 2	0 - 1	2 - 2	0 - 1	4 - 6
13	61 - 86	736 - 1,104	797 - 1,190	366 - 530	286 - 420	529 - 747	55 - 86	1,237 - 1,783	2 - 4	0 - 1	5 - 5	1 - 1	8 - 11
14	4 - 8	153 - 327	157 - 334	67 - 143	54 - 116	82 - 175	7 - 14	210 - 448	1 - 1	0 - 1	1 - 1	0 - 1	3 - 4
15	13 - 527	238 - 4,167	251 - 4,694	117 - 1,202	91 - 1,279	156 - 1,978	14 - 679	379 - 5,139	1 - 7	0 - 1	11 - 11	0 - 3	12 - 22
16	4 - 8	152 - 326	156 - 333	67 - 142	54 - 115	81 - 175	7 - 14	209 - 447	1 - 1	0 - 1	1 - 1	0 - 1	3 - 4
17	4 - 7	151 - 323	155 - 331	66 - 141	54 - 115	81 - 173	7 - 14	207 - 443	1 - 1	0 - 0	1 - 1	0 - 1	3 - 4
18	14 - 32	238 - 519	252 - 551	117 - 249	92 - 198	157 - 334	15 - 36	382 - 818	1 - 2	0 - 1	2 - 2	0 - 1	4 - 6
19	4 - 8	140 - 323	143 - 331	61 - 142	52 - 117	76 - 175	7 - 15	196 - 449	1 - 2	0 - 1	2 - 2	0 - 1	3 - 4
20	13 - 259	231 - 2,142	245 - 2,401	114 - 631	90 - 663	154 - 1,012	14 - 340	372 - 2,645	1 - 4	0 - 1	6 - 6	0 - 2	7 - 12
21	4 - 8	154 - 324	158 - 332	67 - 142	56 - 116	84 - 175	7 - 15	215 - 448	1 - 1	0 - 1	1 - 1	0 - 1	3 - 4
22	3 - 7	114 - 279	117 - 286	50 - 122	43 - 101	62 - 151	6 - 13	160 - 387	1 - 1	0 - 0	1 - 1	0 - 1	2 - 4
23	13 - 31	220 - 494	233 - 525	109 - 238	85 - 189	147 - 320	14 - 35	354 - 782	1 - 2	0 - 0	2 - 2	0 - 1	3 - 5
24	3 - 6	91 - 217	94 - 222	40 - 95	35 - 80	50 - 118	5 - 10	129 - 304	1 - 1	0 - 0	1 - 1	0 - 1	2 - 3
25	2 - 4	72 - 160	74 - 164	32 - 70	26 - 58	39 - 87	3 - 7	100 - 222	0 - 1	0 - 0	1 - 1	0 - 0	1 - 2
26	3 - 17	77 - 264	80 - 281	34 - 127	32 - 104	44 - 172	5 - 19	115 - 422	1 - 1	0 - 0	1 - 1	0 - 1	2 - 3
27	6 - 7	111 - 178	116 - 185	44 - 74	55 - 79	69 - 105	10 - 13	178 - 271	2 - 2	1 - 1	2 - 2	1 - 1	5 - 5
28	2 - 4	65 - 135	67 - 139	29 - 60	27 - 54	37 - 77	4 - 8	97 - 198	1 - 1	0 - 0	1 - 1	0 - 0	2 - 3
29	5 - 6	86 - 141	91 - 147	33 - 57	45 - 65	55 - 84	9 - 11	141 - 217	1 - 2	0 - 1	2 - 2	1 - 1	4 - 5
30	1 - 3	36 - 85	37 - 88	16 - 38	14 - 35	20 - 49	2 - 5	52 - 126	0 - 1	0 - 0	1 - 1	0 - 0	1 - 2
31	1 - 2	24 - 61	25 - 62	11 - 27	11 - 24	14 - 34	2 - 3	38 - 88	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
32	0 - 5	1 - 89	1 - 94	1 - 34	1 - 46	1 - 56	0 - 9	2 - 146	0 - 1	0 - 0	1 - 1	0 - 1	1 - 4
33	7 - 7	98 - 103	106 - 110	37 - 39	61 - 64	68 - 71	13 - 13	179 - 187	2 - 2	1 - 1	2 - 2	1 - 1	6 - 6
34	0 - 0	1 - 1	1 - 1	0 - 1	0 - 1	0 - 1	0 - 0	1 - 2	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
35	1 - 5	12 - 69	13 - 74	5 - 26	7 - 43	8 - 49	1 - 9	22 - 127	0 - 2	0 - 1	2 - 2	0 - 1	2 - 4
36	4 - 12	57 - 159	62 - 171	20 - 59	36 - 99	40 - 111	8 - 21	104 - 290	1 - 4	0 - 1	4 - 4	1 - 1	6 - 10
37	0 - 5	0 - 61	0 - 66	0 - 22	0 - 39	0 - 43	0 - 8	1 - 112	0 - 1	0 - 0	1 - 1	0 - 1	1 - 4
38	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
39	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
40	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0

Table 4-32

Employment Projected for a Proposed Central Planning Area Lease Sale as a Percent of Total Employment by Coastal Subarea

	TX-1		TX-2		WGOM		LA-1		LA-2		LA-3		MA-1		CGOM		FL-1		FL-2		FL-3		FL-4		EGOM	
Year	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
2	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
3	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.1	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
4	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.1	- 0.1	0.0	- 0.1	0.1	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
5	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
6	0.1	- 0.1	0.1	- 0.1	0.1	- 0.1	0.3	- 0.3	0.2	- 0.2	0.2	- 0.2	0.1	- 0.1	0.2	- 0.2	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
7	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.1	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
8	0.1	- 0.1	0.1	- 0.1	0.1	- 0.1	0.1	- 0.2	0.1	- 0.1	0.1	- 0.2	0.1	- 0.1	0.1	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
9	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.1	- 0.2	0.0	- 0.1	0.1	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
10	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
11	0.1	- 0.1	0.1	- 0.1	0.1	- 0.1	0.2	- 0.3	0.2	- 0.2	0.2	- 0.3	0.1	- 0.2	0.2	- 0.2	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
12	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
13	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.1	- 0.1	0.0	- 0.1	0.1	- 0.1	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
14	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
15	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.3	0.0	- 0.2	0.0	- 0.2	0.0	- 0.1	0.0	- 0.2	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
16	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
17	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
18	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
19	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
20	0.0	- 0.0	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.1	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
21	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
22	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
23	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
24	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
25	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
26	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
27	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
28	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
29	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
30	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
31	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
32	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
33	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
34	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
35	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
36	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
37	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
38	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
39	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0
40	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0	0.0	- 0.0

Table 4-33

Projected Total OCS Emissions Related to a Proposed Action in the WPA by Source
(tons over the 40-year life of a proposed action)

Activity/Pollutant	NO_x	CO	SO_x	VOC	PM_{10}
Service Vessels	6,126 – 8,482	615 – 852	638 – 883	267 – 370	371 – 513
Pipeline Vessels	735 – 1,471	246 – 493	102 – 205	67 – 134	61 – 122
LTO Helicopters	4 – 11	4 – 9	1 – 2	0.2 – 0.4	0.2 – 0.4
Cruise Helicopters	8 – 19	21 – 53	2 – 4	2 – 4	2 – 5
Barge Loading	0	0	0	31 – 59	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	42 – 80	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	246 – 474	25 – 47	25 – 49	10 – 20	15 – 28
Platform Construction	2,317 – 3,159	458 – 624	132 – 180	136 – 185	142 – 194
Exploratory Wells	733 – 2,279	195 – 607	86 – 267	71 – 220	21 – 66
Development Wells	2,085 – 3,567	556 – 951	244 – 418	201 – 344	59 – 101
Platforms	22,387 – 39,819	5,210 – 7,128	3,762 – 5,147	16,975 – 23,225	409 – 560
Totals	34,640 – 59,280	7,330 – 10,764	4,992 – 7,155	17,802 – 24,642	1,080 – 1,590

Table 4-34

Projected Total OCS Emissions Related to a Proposed Action by WPA Subarea
(tons over the 40-year life of a proposed action)

Pollutant Distribution	W0-60	W60-200	W200-800	W800-1600	W1600-2400
NO_x	23,506 – 39,923	4,949 – 7,259	1,237 – 2,420	2,474 – 4,839	1,237 – 3,629
CO	4,974 – 7,249	1,047 – 1,318	262 – 439	524 – 879	262 – 659
So_x	3,388 – 4,819	713 – 876	178 – 292	357 – 584	178 – 438
VOC	12,079 – 16,596	2,543 – 3,017	636 – 1,006	1,272 – 2,012	636 – 1,509
PM_{10}	733 – 1,071	154 – 195	39 – 65	77 – 130	39 – 97

Pollutant Distribution	>W2400	Total
NO_x	1,237 – 1,210	34,640 – 59,280
CO	262 – 220	7,330 – 10,764
So_x	178 – 146	4,992 – 7,155
VOC	636 – 503	17,801 – 24,641
PM_{10}	39 – 32	1,080 – 1,590

Table 4-35

Projected Peak-Year OCS Emissions Related to a Proposed Action in the WPA by Source
(tons)

Activity/Pollutant	NO_x	CO	SO_x	VOC	PM_{10}
Service Vessels	278 – 395	28 – 40	29 – 41	12 – 17	17 – 24
Pipeline Vessels	134 – 196	45 – 66	19 – 27	12 – 18	11 – 16
LTO Helicopters	0.2 – 0.5	0.2 – 0.4	0 – 0.1	0	0
Cruise Helicopters	0.3 – 1	1 – 3	0.1 – 0.2	0.1 – 0.2	0.1 – 0.2
Barge Loading	0	0	0	1 – 3	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	2 – 3	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	10 – 20	0 –2	0 – 2	0 – 1	0 – 1
Platform Construction	421 – 421	83 – 83	24 – 24	25 – 25	26 – 26
Exploratory Wells	119 – 377	32 – 100	14 – 44	12 – 36	3 – 11
Development Wells	108 – 172	29 – 46	13 – 20	10 – 17	3 – 5
Platforms	1,018 – 1,852	237 – 331	171 – 239	772 – 1,080	19 – 26
Totals	2,088 – 3,434	454 – 671	269 – 398	846 – 1,200	79 – 109

Table 4-36

Projected Peak-Year OCS Emissions Related to a Proposed Action by WPA Subarea
(tons)

Pollutant Distribution	W0-60	W60-200	W200-800	W800-1600	W1600-2400
NO_x	1,417 – 2,312	298 – 420	75 – 140	75 – 280	75 – 210
CO	308 – 452	65 – 82	16 – 27	16 – 55	16 – 41
So_x	183 – 268	39 – 49	10 – 16	10 – 32	10 – 24
VOC	574 – 808	121 – 147	30 – 49	30 – 98	30 – 74
PM_{10}	54 – 74	11 – 13	3 – 5	3 – 9	3 – 7

Pollutant Distribution	>W2400	Total
NO_x	70 – 149	2,088 – 3,433
CO	14 – 32	454 – 671
So_x	8 – 19	269 – 398
VOC	25 – 60	846 – 1,199
PM_{10}	2 – 6	79 – 109

Table 4-37

Class II
OCD Modeling Results and the Corresponding Maximum Allowable Increases

Pollutant	Class II Maximum Allowable Increase	Class II Modeled Impact
SO_2		
	20.0 μg/m^3	0.0 - 0.02 μg/m^3
	91.0 μg/m^3	0.10 - 0.14 μg/m^3
	512.0 μg/m^3	0.24 - 0.31 μg/m^3
NO_2	25.0 μg/m^3	0.06 μg/m^3
PM_{10}		
	19.0 μg/m^3	0.0 - 0.01 μg/m^3
	37.0 μg/m^3	0.03 - 0.04 μg/m^3

Table 4-38

Population Projected for a Proposed Western Planning Area Lease Sale by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	2 - 5	93 - 231	95 - 236	43 - 107	33 - 82	50 - 125	4 - 10	131 - 324	0 - 1	0 - 1	0 - 1	0 - 0	1 - 3
2	37 - 51	386 - 597	424 - 648	194 - 283	151 - 224	247 - 354	38 - 56	630 - 917	1 - 2	0 - 1	1 - 2	1 - 1	4 - 5
3	124 - 136	981 - 1,146	1,105 - 1,283	494 - 563	394 - 452	682 - 765	106 - 123	1,676 - 1,902	3 - 4	0 - 1	4 - 5	1 - 1	9 - 10
4	4 - 11	147 - 490	151 - 501	68 - 226	54 - 176	79 - 263	7 - 21	208 - 687	1 - 2	0 - 1	1 - 2	0 - 1	2 - 6
5	179 - 264	1,571 - 2,328	1,750 - 2,592	704 - 991	591 - 853	979 - 1,330	154 - 261	2,427 - 3,435	6 - 8	1 - 2	8 - 10	2 - 3	17 - 22
6	6 - 17	248 - 710	254 - 726	114 - 326	91 - 256	132 - 379	11 - 31	348 - 992	1 - 3	1 - 2	1 - 3	1 - 1	3 - 9
7	253 - 355	1,845 - 2,551	2,098 - 2,906	552 - 760	586 - 810	869 - 1,155	275 - 407	2,283 - 3,131	4 - 6	1 - 1	6 - 7	2 - 2	12 - 16
8	4 - 138	132 - 1,205	135 - 1,343	61 - 582	49 - 477	70 - 781	6 - 124	186 - 1,965	1 - 4	0 - 1	1 - 5	0 - 1	2 - 11
9	37 - 50	352 - 515	390 - 566	175 - 243	142 - 201	223 - 302	36 - 53	576 - 799	1 - 2	0 - 1	1 - 2	0 - 1	3 - 5
10	253 - 693	1,864 - 4,527	2,117 - 5,220	557 - 1,249	595 - 1,415	871 - 1,986	273 - 782	2,297 - 5,431	4 - 9	1 - 1	6 - 12	2 - 3	13 - 25
11	253 - 350	1,861 - 2,411	2,114 - 2,762	555 - 691	594 - 763	868 - 1,069	273 - 397	2,290 - 2,920	4 - 5	1 - 1	6 - 6	2 - 2	13 - 15
12	4 - 8	135 - 291	139 - 299	63 - 134	51 - 109	71 - 153	6 - 13	191 - 409	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
13	4 - 7	135 - 262	139 - 269	62 - 120	52 - 99	71 - 138	6 - 12	191 - 369	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
14	38 - 53	396 - 667	434 - 721	192 - 307	158 - 256	243 - 378	38 - 59	631 - 1,000	1 - 2	1 - 1	1 - 2	1 - 1	4 - 7
15	4 - 7	135 - 260	139 - 268	62 - 119	51 - 98	70 - 136	6 - 12	190 - 365	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
16	5 - 8	158 - 274	163 - 282	72 - 125	60 - 103	82 - 142	7 - 12	221 - 383	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
17	4 - 51	131 - 572	135 - 623	60 - 262	50 - 221	68 - 324	6 - 54	183 - 862	1 - 2	0 - 1	1 - 2	0 - 1	2 - 6
18	4 - 8	114 - 283	118 - 291	52 - 128	45 - 108	60 - 147	6 - 13	163 - 396	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
19	4 - 9	137 - 308	141 - 317	62 - 139	53 - 116	71 - 159	7 - 14	194 - 429	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
20	36 - 49	322 - 484	358 - 533	156 - 222	130 - 189	199 - 276	34 - 50	519 - 737	1 - 2	0 - 1	1 - 2	0 - 1	3 - 5
21	4 - 8	137 - 269	141 - 277	62 - 121	53 - 102	70 - 138	7 - 12	192 - 373	1 - 1	0 - 1	1 - 1	0 - 1	2 - 4
22	2 - 5	81 - 186	84 - 191	37 - 84	31 - 70	41 - 94	4 - 8	113 - 256	0 - 1	0 - 1	0 - 1	0 - 0	1 - 3
23	2 - 4	81 - 139	83 - 143	37 - 63	31 - 53	41 - 70	4 - 6	112 - 192	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
24	2 - 5	54 - 154	56 - 159	25 - 69	21 - 59	27 - 79	3 - 7	75 - 215	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
25	2 - 4	60 - 138	62 - 142	27 - 62	24 - 53	31 - 70	3 - 7	86 - 192	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
26	2 - 3	54 - 89	56 - 92	24 - 40	20 - 34	27 - 45	3 - 4	74 - 123	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
27	3 - 3	66 - 92	68 - 95	29 - 41	28 - 38	35 - 48	4 - 5	96 - 132	1 - 1	0 - 0	0 - 1	0 - 0	2 - 2
28	1 - 2	27 - 70	28 - 72	12 - 31	10 - 27	13 - 35	1 - 3	37 - 96	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1
29	1 - 2	27 - 62	28 - 64	12 - 28	10 - 23	13 - 30	1 - 3	37 - 84	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1
30	7 - 7	97 - 119	103 - 126	40 - 50	55 - 63	57 - 68	10 - 11	162 - 193	2 - 2	1 - 1	2 - 2	1 - 1	5 - 5
31	1 - 1	27 - 31	28 - 32	12 - 14	10 - 12	13 - 15	1 - 1	37 - 43	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
32	8 - 9	83 - 96	91 - 105	29 - 34	55 - 63	52 - 60	12 - 13	148 - 171	2 - 2	1 - 1	2 - 2	1 - 1	6 - 7
33	0 - 1	0 - 6	0 - 7	0 - 3	0 - 4	0 - 4	0 - 1	1 - 12	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
34	0 - 0	0 - 1	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
35	8 - 15	83 - 166	91 - 181	29 - 57	54 - 109	51 - 103	12 - 23	146 - 292	2 - 4	1 - 3	2 - 4	1 - 2	6 - 12
36	8 - 8	88 - 89	97 - 97	31 - 31	58 - 58	55 - 55	12 - 12	156 - 157	2 - 2	1 - 1	2 - 2	1 - 1	6 - 6
37	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
38	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
39	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
40	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0

Table 4-39

Population Projected a Proposed Western Planning Area Lease Sale as a Percent of Total Population by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
3	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
4	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
5	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
6	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
7	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
8	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
9	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
10	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.1 - 0.2	0.1 - 0.1	0.1 - 0.1	0.0 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
11	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
12	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
13	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
14	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
15	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
16	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
17	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
18	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
19	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
20	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
21	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
22	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
23	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
24	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
25	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
26	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
27	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
28	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
29	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
30	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
31	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
32	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
33	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
34	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
35	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
36	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
37	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
38	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
39	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
40	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0

Table 4-40

Employment (direct, indirect, and induced) Projected for a Proposed Western Planning Area Lease Sale by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	1 - 2	57 - 142	58 - 144	24 - 60	19 - 47	31 - 76	2 - 6	77 - 189	0 - 1	0 - 0	0 - 1	0 - 0	1 - 1
2	19 - 25	238 - 367	256 - 392	110 - 160	88 - 130	150 - 215	22 - 32	369 - 538	1 - 1	0 - 0	1 - 1	0 - 0	2 - 3
3	62 - 68	604 - 706	666 - 774	281 - 321	229 - 263	417 - 467	61 - 70	988 - 1,121	2 - 2	0 - 0	2 - 3	1 - 1	5 - 6
4	2 - 6	91 - 302	93 - 308	39 - 129	31 - 102	49 - 162	4 - 12	123 - 406	0 - 1	0 - 0	0 - 1	0 - 1	1 - 3
5	90 - 132	971 - 1,439	1,060 - 1,571	405 - 570	344 - 497	604 - 821	88 - 150	1,441 - 2,037	3 - 4	0 - 1	5 - 6	1 - 2	10 - 13
6	3 - 8	153 - 439	156 - 448	66 - 188	53 - 149	82 - 235	6 - 18	207 - 591	1 - 2	0 - 1	1 - 2	0 - 1	2 - 5
7	128 - 178	1,144 - 1,582	1,272 - 1,760	321 - 442	342 - 473	543 - 721	159 - 235	1,365 - 1,870	2 - 3	0 - 0	4 - 4	1 - 1	7 - 9
8	2 - 70	82 - 749	84 - 818	36 - 340	29 - 279	44 - 490	4 - 72	112 - 1,181	0 - 2	0 - 0	0 - 3	0 - 1	1 - 6
9	19 - 25	219 - 321	238 - 346	103 - 142	83 - 118	141 - 191	21 - 31	347 - 482	1 - 1	0 - 0	1 - 1	0 - 0	2 - 3
10	128 - 350	1,161 - 2,820	1,289 - 3,171	328 - 736	348 - 828	552 - 1,258	160 - 457	1,388 - 3,278	3 - 5	0 - 1	4 - 7	1 - 2	7 - 15
11	128 - 177	1,161 - 1,505	1,289 - 1,682	328 - 409	348 - 447	552 - 679	160 - 232	1,388 - 1,768	3 - 3	0 - 0	4 - 4	1 - 1	7 - 8
12	2 - 4	85 - 182	87 - 186	37 - 79	30 - 64	45 - 98	4 - 8	117 - 249	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
13	2 - 4	85 - 164	87 - 168	37 - 72	30 - 58	45 - 88	4 - 7	117 - 225	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
14	19 - 27	248 - 418	268 - 445	115 - 184	93 - 150	156 - 243	22 - 35	387 - 612	1 - 1	0 - 0	1 - 1	0 - 1	2 - 4
15	2 - 4	85 - 163	87 - 167	37 - 72	30 - 58	45 - 88	4 - 7	117 - 224	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
16	2 - 4	99 - 172	102 - 176	44 - 75	35 - 61	53 - 92	4 - 7	136 - 236	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
17	2 - 26	83 - 360	85 - 386	36 - 159	29 - 131	44 - 212	4 - 32	114 - 534	0 - 1	0 - 0	0 - 1	0 - 1	1 - 3
18	2 - 4	72 - 178	74 - 183	32 - 78	27 - 64	39 - 97	3 - 8	102 - 246	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
19	2 - 4	86 - 194	89 - 199	38 - 85	32 - 69	47 - 105	4 - 9	121 - 268	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
20	18 - 25	203 - 306	221 - 331	96 - 136	77 - 113	132 - 183	20 - 30	326 - 462	1 - 1	0 - 0	1 - 1	0 - 0	2 - 3
21	2 - 4	86 - 170	88 - 174	38 - 74	32 - 61	47 - 92	4 - 7	121 - 235	0 - 1	0 - 0	0 - 1	0 - 0	1 - 2
22	1 - 3	51 - 118	53 - 120	23 - 52	18 - 42	28 - 63	2 - 5	71 - 162	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
23	1 - 2	51 - 88	53 - 90	23 - 39	18 - 32	28 - 47	2 - 4	71 - 122	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
24	1 - 2	34 - 98	35 - 100	15 - 43	12 - 36	19 - 53	2 - 4	48 - 137	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1
25	1 - 2	38 - 88	39 - 90	17 - 39	15 - 32	21 - 48	2 - 4	55 - 123	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
26	1 - 1	34 - 57	35 - 58	15 - 25	12 - 20	18 - 31	2 - 3	47 - 79	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1
27	1 - 2	42 - 59	43 - 60	18 - 26	17 - 23	24 - 33	2 - 3	62 - 85	0 - 0	0 - 0	0 - 0	0 - 0	1 - 1
28	0 - 1	17 - 45	18 - 46	8 - 20	6 - 16	9 - 24	1 - 2	24 - 62	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1
29	0 - 1	17 - 40	18 - 40	8 - 17	6 - 14	9 - 21	1 - 2	24 - 55	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
30	3 - 4	62 - 76	65 - 80	26 - 32	33 - 39	40 - 48	6 - 7	105 - 125	1 - 1	0 - 0	1 - 1	0 - 0	3 - 3
31	0 - 0	17 - 20	18 - 20	8 - 9	6 - 7	9 - 11	1 - 1	24 - 28	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
32	4 - 5	53 - 61	57 - 66	19 - 22	34 - 39	37 - 43	7 - 8	97 - 112	1 - 1	0 - 0	1 - 1	1 - 1	3 - 4
33	0 - 0	0 - 4	0 - 4	0 - 2	0 - 3	0 - 3	0 - 0	0 - 8	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
34	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 1	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
35	4 - 8	53 - 107	57 - 115	19 - 37	34 - 67	37 - 74	7 - 14	96 - 193	1 - 2	0 - 1	1 - 3	1 - 1	3 - 7
36	4 - 4	57 - 57	61 - 61	20 - 20	36 - 36	40 - 40	8 - 8	103 - 104	1 - 1	0 - 0	1 - 1	1 - 1	4 - 4
37	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
38	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
39	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
40	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0

Table 4-41

Employment Projected a Proposed Western Planning Area Lease Sale as a Percent of Total Employment by Coastal Subarea

	TX-1	TX-2	WGOM	LA-1	LA-2	LA-3	MA-1	CGOM	FL-1	FL-2	FL-3	FL-4	EGOM
Year	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High	Low High
1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
2	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
3	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
4	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
5	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
6	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
7	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
8	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
9	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
10	0.0 - 0.1	0.0 - 0.1	0.0 - 0.1	0.1 - 0.2	0.1 - 0.1	0.1 - 0.1	0.0 - 0.1	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
11	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.1 - 0.1	0.1 - 0.1	0.1 - 0.1	0.0 - 0.0	0.1 - 0.1	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
12	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
13	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
14	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
15	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
16	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
17	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
18	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
19	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
20	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
21	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
22	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
23	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
24	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
25	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
26	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
27	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
28	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
29	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
30	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
31	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
32	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
33	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
34	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
35	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
36	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
37	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
38	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
39	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0
40	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0	0.0 - 0.0

Table 4-42

Offshore Spills ≥1,000 Barrels, 1964-2000
From Accidents Associated with OCS Facility Operations

Year	Volume Spilled (bbl)	Area and Block	Water Depth (ft)	Distance from Shore (mi)	Cause of Spill
1964	2,559	EI 208	94	48	Freighter struck production platform, fire
1964	5,180	EI 208	94	48	Hurricane Hilda destroyed 3 production platforms, blowout
1964	5,100	SS149	55	33	Hurricane Hilda destroyed production platform, blowout
1964	1,589	SS199	102	44	Hurricane Hilda destroyed production platform, caused storage oil loss
1965	1,688[1]	SS29	15	7	Drilling blowout
1969[1]	80,000[2]	**	190	6	Drilling blowout
1969	2,500	SS72	30	6	Storm caused vessel to bump drilling rig resulting in blowout
1970	30,000	MP41	39	14	Fire destroyed production platform, blowout
1970	53,000	ST26	60	8	Workover caused fire, destroyed platform and 2 drilling rigs
1973	9,935	WD79	110	17	Oil storage tank ruptured
1973	7,000	SP23	61	15	Rough seas sunk stationary storage barge
1979	1,500[3]	MP151	280	10	Collision during rough seas between service vessel and drilling rig, damaged rig's diesel tank
1980	1,456	HI206	60	27	During ballasting, for Hurricane Jeanne, oil storage tank overflowed

Notes: Gulf of Mexico crude oil unless otherwise indicated: [1]condensate, [2]occurred in Santa Barbara Channel, California, [3]diesel.

Table 4-43

Offshore Spills ≥ 1,000 bbl, 1964-2000 From Accidents Associated with OCS Pipeline Oil Transport

Year	Volume Spilled (bbl)	Area and Block	Water Depth (ft)	Distance From Shore (mi)	Cause of Spill
1967	160,638	WD73	168	22	Internal corrosion caused by anchor kink
1968	6,000	ST131	160	28	Anchor drag
1969	7,532	MP299	210	17	Anchor drag
1973	5,000	WD73	168	22	Internal corrosion
1974	19,833	EI317	240	75	Anchor drag
1974	3,500	MP73	141	9	Hurricane Carmen, connection torn loose
1976	4,000	EI297	210	71	Trawl drag
1981	5,100	SP60	185	4	Service vessel's anchor
1988	15,576	GAL2A	75	34	Anchor drag
1990	14,423*	SS281	197	60	Anchor drag
1990	4,569	EI314	230	78	Trawl drag
1992	2,000	SP8	30	6	During Hurricane Andrew, drilling rig's anchor drag
1994	4,533*	SS281	197	60	Trawl drag
1998	1,211*	EC334	264	105	Service vessel anchor drag during rescue operation
1998	8,212	SP38	10	6	During Hurricane Georges, damage from mudslide
1999	3,189#	SS241	133	50	Jack-up barge damage
2000	1,800#	SS332	435	75	Drilling rig anchor drag

Notes: Crude oil unless otherwise indicated:
*condensate
#Volume eltimate preliminary, accident under investigation

Table 4-44

The Mean Number and Sizes of Spills Estimated to Occur in
OCS Offshore Waters from an Accident Related
to Activities Supporting a Proposed Action Over a 40 year time period

Spill Size Group	Numbers of Spills Estimated for a WPA Proposed Action	Numbers of Spills Estimated for a CPA Proposed Action	Estimated Spill Size
0-1.0 bbl	460-880	930-2,210	0.7
1.1-9.9 bbl	10-20	20-50	3
10.0-49.9 bbl	2-5	4-10	20
50.0-499.9 bbl	1-2	2-4	90
500.0-999.9 bbl	<1	<1	640
≥1,000 bbl	<1	<1-1	4,600
≥10,000 bbl	<1	<1	15,000

Table 4-45

Mass Balance of a Spill of 4,600 bbl, Spilled over a 12-hour Period from a Pipeline Break During the Summer, 50 miles off Louisiana
(oil characteristics: API 30° and stable emulsion formation)

Time Elapsed After Spill Events Begins (hr)	Estimated Volume in Slick (Spilled Oil Remaining on Water Surface)* (bbl)	Estimated Open Water Slick Thickness (mm)	Estimated Area of Open Water Covered By Slick* (ac)	Estimated Length of Shoreline Contacted, if Slick were to Reach Land (km)	Estimated Volume Lost From Slick by Natural Weathering (bbl)	Estimated Volume Removed from Slick Using Chemical Dispersants (bbl)	Estimated Volume Removed from Slick By Mechanical Cleanup (bbl)	Percent of Total Volume Cleaned Up (%)	Total Percent of Slick Lost from Natural Weathering (%)	Percent of Total Spill Mass Evaporated (%)	Percent of Total Spill Mass Naturally Dispersed (%)
4	1,260	1.4	35	5	220	0	0	0	15	15	0
12	2,620	1	200	30	920	1,050	0	23	21	20	1
24	1,330	1	100	15	1,060	1,750	460	48	24	22	2
48	270	1	20	3	1,210	2,050	1,070	68	27	24	3
72	230	1	10	1	1,250	2,050	1,070	68	28	27	1
240	50**	1	5	1	1,430	2,050	1,070	68	32	30	2

* Assumes continous coverage of water surface by slick for first 4 hours, and noncontinous, patchy, wind-row coverage after 4 hours. 50% of the slick would become emulsified, with the remaining being a light sheen.

** After 10 days, the 50 bbl remaining is expected to occur as a rainbow sheen, the slick being broken up into many, small slicks spread out over approximately 200 ac. These small sheens would dissipate in less than a day.

Table 4-46

Mass Balance of a Hypothetical Spill of 4,600 bbl Spilled over 12 hour Period from an OCS Pipeline Break During the Winter, 65 miles off Texas (oil characteristics: API 35°, no emulsion formation)

Time Elapsed After Spill Events Begins (hr/days)	Estimated Volume in Slick (Spilled Oil Remaining on Water Surface) (bbl)	Estimated Open Water Slick Thickness (mm)	Estimated Area of Open Water Covered by Slick* (ac)	Estimated Length of Shoreline Contacted, if Slick were to Reach Land (km)	Estimated Volume Lost from Slick by Natural Weathering (bbl)	Estimated Volume Removed from Slick Using Chemical Dispersants (bbl)	Estimated Volume Removed from Slick by Mechanical Cleanup (bbl)	Percent of Total Volume Cleaned Up (%)	Total Percent of Slick Lost from Natural Weathering (%)	Percent of Total Spill Mass Evaporated (%)	Percent of Total Spill Mass Naturally Dispersed (%)
4 hr	1,140	0.7	60	10	1,180	0	0	0	26	21	5
12 hr	1,870	0.4	350	50	2,025	710	0	16	44	27	18
24 hr	450	0.3	140	20	2,900	1,040	180	27	64	30	35
48 hr	0				3,380	1,040	180	27	73	31	42
3 days	0										
10 days	0										

* Assumes continuous coverage of water surface by slick for first 4 hours, then non-continuous, patchy coverage after 4 hours.

Table 4-47

Estimated Number of Spills that Could Happen in Gulf Coastal Waters
from an Accident Related to Activities Supporting a Proposed Action

Size Category	Assumed Size	WPA Proposed Action	CPA Proposed Action
Total		25 - 50	55 - 125
≤ 1 bbl	1 bbl	20 - 40	40 - 95
> 1 bbl and < 50 bbl	4 bbl	5 - 10	10 - 25
≥50 bbl and < 1,000 bbl	150 bbl	1	1 - 2
≥1,000 bbl	3,000 bbl	< 1	< 1 - 1

Table 4-48

Onshore Expenditures Allocation for Oil-Spill Cleanup and Remediation
by Water Depth (in percentages)

IMPLAN Number	Sector Description	0-60 m	61-200 m	> 200 m
38	Oil & Gas Operations	0.23	0.12	0.36
57	Other Oil & Gas Field Services	0.21	0.15	0.18
209	Chemicals, NEC	0.41	0.46	0.45
392	Shipbuilding and Ship Repair	0.54	0.85	0.45
435	Demurrage/Warehousing/Motor Freight	0.13	0.09	0.10
441	Communications	0.01	0.01	0.00
454	Eating/Drinking	0.24	0.15	0.17
455	Misc. Retail	0.00	0.00	0.00
469	Advertisement	0.00	0.00	0.00
473	Misc. Equipment Rental and Leasing	0.01	0.01	0.01
490	Doctors & Veterinarian Services	0.04	0.05	0.04
494	Legal Services	0.68	0.71	0.79
506	Environmental/Engineering Services	0.16	0.15	0.15
509	Testing/Research Facilities	0.09	0.08	0.00

Source: Dismukes et al., in preparation.

Table 4-49

Employment Associated with the Cleanup and Remediation of a Scenario Spill by Subarea
(assumes land contact)

Subarea	Direct Employment	Indirect Employment	Induced Employment	Total Employment
WGOM	105.0	29.5	62.2	196.7
TX-1	16.9	3.7	8.5	29.1
TX-2	88.1	25.7	53.7	167.6
CGOM	101.4	19.9	51.2	172.4
LA-1	23.8	4.8	10.7	39.3
LA-2	29.7	4.8	11.9	46.4
LA-3	35.0	7.6	20.5	63.0
MA-1	12.9	2.7	8.0	23.7
EGOM	1.1	0.8	0.6	2.5
FL-1	0.4	0.3	0.2	0.9
FL-2	0.0	0.0	0.0	0.0
FL-3	0.6	0.4	0.3	1.4
FL-4	0.1	0.1	0.1	0.2
GOM	207.5	50.1	114.0	371.6

Table 4-50

Employment Associated with the Cleanup and Remediation of a Large Spill by Subarea
(assumes no oil contacts land)

Subarea	Direct Employment	Indirect Employment	Induced Employment	Total Employment
WGOM	142.6	40.3	90.3	273.2
TX-1	25.7	5.5	13.1	44.4
TX-2	116.8	34.8	77.2	228.8
CGOM	135.6	26.7	74.6	236.9
LA-1	27.4	5.7	14.1	47.2
LA-2	37.2	6.0	16.6	59.7
LA-3	51.2	10.9	31.3	93.4
MA-1	19.9	4.0	12.6	36.5
EGOM	1.4	1.0	0.8	3.2
FL-1	0.5	0.4	0.3	1.1
FL-2	0.0	0.0	0.0	0.0
FL-3	0.8	0.6	0.4	1.8
FL-4	0.1	0.1	0.1	0.3
GOM	279.6	68.0	165.7	513.3

Table 4-51

Employment Associated with the Cleanup and Remediation of a Large Spill by Subarea
(assumes land contact)

Subarea	Direct Employment	Indirect Employment	Induced Employment	Total Employment
WGOM	342.4	96.1	202.9	641.4
TX-1	55.0	12.2	27.8	94.9
TX-2	287.4	83.9	175.2	546.5
CGOM	330.7	64.7	166.8	562.3
LA-1	77.7	15.6	35.0	128.3
LA-2	96.8	15.7	38.8	151.3
LA-3	114.0	24.7	66.8	205.5
MA-1	42.2	8.7	26.2	77.2
EGOM	3.6	2.5	2.0	8.1
FL-1	1.3	0.9	0.7	2.9
FL-2	0.0	0.0	0.0	0.0
FL-3	2.0	1.4	1.1	4.5
FL-4	0.4	0.2	0.2	0.7
GOM	676.7	163.3	371.7	1,211.8

Table 4-52

Gulf Ecological Management Site (GEMS) Areas

Texas	Habitat	Area
Aransas National Wildlife Refuge	Coastal waterfowl refuge and wintering grounds for the only naturally migrating and breeding population of the Whooping cranes.	58,982 acres
Flower Garden Banks National Marine Sanctuary Management Area	Coral reef	56 sq. miles
Laguna Madre	Gulf coast prairie and marshland	609 sq. miles
Padre Island National Seashore	Coastal barrier island	113,000 acres
Welder Flats Coastal Preserve	Gulf prairies and marshes	1,480 acres
Christmas Bay Coastal Preserve	Migratory and resident waterfowl habitat	4,173 acres
Laguna Atascosa National Wildlife Refuge	Waterfowl refuge; Gulf Coast prairie, marsh, upland prairie, coastal sand plain	45,187 acres
North Deer Island Sanctuary	Natural island, colonial water bird nesting	10+ acres
Candy Abshier Wildlife Management Area	Coastal prairie habitat with significant coastal woodlot or oak mottes	209 acres
Guadalupe Delta Wildlife	Freshwater marsh	6200 acres
Murphree Wildlife Management Area	Fresh-intermediate and brackish marsh; a component of the Texas Chenier Plain	12,267 acres
Sea Rim State Park	Gulf Coast beach and marsh	15,109 acres
Armand Bayou Coastal Preserve and Nature Center	Salt and brackish marsh, open water	2800 acres
Freeport Liberty Ship Reef Complex	Artificial reef complex	½ sq. mile
Matagorda Island Wildlife Management Area	Upland and emergent wetland marsh	~3200 ha
South Bay Coastal Preserve	Emergent and submergent wetland and extensive algal flat	3,500 acres
Louisiana	**Habitat**	**Area**
Atchafalaya Delta Wildlife Management Area	Barrier island with sand beaches, freshwater marshes and shrub/scrub habitats	11,500 acres
Atchafalaya Delta and Swamp Basin	Riverine, natural levees, coastal flatlands and basins, and point bars	1.2 million acres
Baptiste Collette Marsh	Natural bayous, levees, beach ridges	4,100 acres
Barataria Basin Estuaries	Swamp forest, fresh marsh, brackish marsh, saline marsh and offshore; beaches and elevated areas	900,000 acres
Bayou Bois Piquant Crevasse Swamp	Live Oak Forest (Riparian habitat)	unknown
Bayou Mauvais Bois Ridge	Live Oak Forest (Riparian habitat)	unknown
Bayou Sauvage National Wildlife Refuge	Marshes, tidal and backswamp drainage canals, shallow open water	22,700 acres
Big Oak Island	Flood Control and Riparian habitat	2,000 acres
Cameron Prairie National Wildlife Refuge	Natural bayous, levees, hummocks	24,620 acres
Chandeleur Islands	Beach dune systems on barrier islands	18 mi x .5 mi
Cote Blanche Salt Dome	Salt dome	700 acres
Cheniere Au Tigre	Riparian habitat	3,400 acres
White's Kitchen	No description	N/A
River Pines Plantation	No description	N/A
Queen Bess Island	No description	N/A
Honey Island Swamp	No description	N/A
Sabine National Wildlife Refuge	No description	N/A
East Jetty Woods	No description	N/A
Petit Bois	No description	N/A
Timbalier Island and East Timbalier Island	No description	N/A
Peveto Beach	No description	N/A
Delta National Wildlife Refuge	No description	N/A
Weeks Island	No description	N/A
Grande Terre Island	No description	N/A
Jean Lafitte National Historic Park	No description	N/A

N/A means information is not available.

Table 4-53

Projected Total Cumulative OCS Program Emissions in the Central Planning Area by Source
(tons over the 40-year life of the proposed action)

Activity/Pollutant	NOx	CO	SOx	VOC	PM_{10}
Service Vessels	5,015,421–5,181,282	503,908–520,572	522,298–539,571	218,832–226,067	303,448–313,483
Pipeline Vessels	77,672–144,223	26,026–48,325	10,816–20,083	7,098–13,180	6,422–11,924
LTO Helicopters	1,600–3,732	1,292–3,014	246–574	55–129	61–144
Cruise Helicopters	2,757–6,431	7,877–18,373	591–1,378	591–1,378	788–1,837
Blowouts without Fire	0	0	0	0	0
Spills without Fire	0	0	0	0	0
Barge Loading	0	0	0	2,723–3,748	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	3,669–5,051	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	0	0	0	0	0
Platform Construction	497,073–660,517	98,176–130,458	28,296–37,601	29,170–38,761	30,538–40,580
Exploration Wells	140,861–170,135	37,525–45,324	16,488–19,915	13,574–16,395	4,051–4,893
Development Wells	269,743–325,595	71,923–86,815	31,631–38,181	25,983–31,363	7,657–9,242
Platforms	2,498,310–2,505,815	581,368–2,403,899	419,822–1,735,924	1,894,355–7,832,975	45,665–188,820
Totals	8,503,436–8,997,729	1,328,095–3,256,780	1,030,189–2,393,226	2,196,050–8,169,048	398,630–570,923

Table 4-54

Projected Total Cumulative OCS Program Emissions in the Western Planning Area by Source
(tons over the 40-year life of the proposed action)

Activity/Pollutant	NOx	CO	SOx	VOC	PM_{10}
Service Vessels	576,274–678,524	57,899–68,172	60,012–70,660	25,144–29,605	34,866–41,053
Pipeline Vessels	44,351–88,795	14,861–29,753	6,176–12,365	4,053–8,114	3,667–7,342
LTO Helicopters	1,431–1,755	1,156–1,417	220–270	50–61	55–68
Cruise Helicopters	2,466–3,024	7,044–8,640	528–648	528–648	704–864
Blowouts without Fire	0	0	0	0	0
Spills without Fire	0	0	0	0	0
Barge Loading	0	0	0	760–1,255	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	1,024–1,691	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	0	0	0	0	0
Platform Construction	131,008–180,294	25,875–35,610	7,458–10,263	7,688–10,580	8,049–11,077
Exploration Wells	36,528–52,880	9,731–14,087	4,276–6,190	3,520–5,096	1,051–1,521
Development Wells	96,920–126,017	25,842–33,601	11,365–14,777	9,335–12,139	2,751–3,577
Platforms	787,897–1,256,329	183,347–309,048	132,400–223,172	597,427–1,007,015	14,401–24,274
Totals	1,676,875–2,387,617	325,347–500,327	222,436–338,346	649,528–1,076,204	65,544–89,775

Table 4-55

Projected Total Cumulative OCS Program Emissions by Water Depth in Meters
(tons over the 40-year life of the proposed action)

Pollutant Distribution	0-60	60-200	200-800	800-1600	1600-2400	>2400	Total
				Central Planning Area			
NOx	6,521,703–6,871,671	1,192,643–1,230,876	223,395–186,496	381,934–390,208	151,332–258,226	32,428–60,253	8,503,436–8,997,729
CO	1,018,581–2,487,241	186,271–445,523	34,891–67,503	59,652–141,238	23,636–93,466	5,065–21,809	1,328,095–3,256,780
SOx	790,103–1,827,735	144,488–327,390	27,064–49,605	46,271–103,788	18,334–68,683	3,929–16,026	1,030,189–2,393,226
VOC	1,684,258–6,238,798	308,005–1,117,513	57,693–169,320	98,636–354,270	39,082–234,443	8,375–54,703	2,196,050–8,169,048
PM_{10}	305,729–436,021	55,910–78,101	10,472–11,834	17,905–24,759	7,094–16,385	1,520–3,823	398,630–570,923
				Western Planning Area			
NOx	1,153,863–1,601,043	256,114–382,130	102,446–117,149	121.317–178,513	35,047–89,257	8,088–19,525	1,676,875–2,387,617
CO	224,154–335,500	49,754–80,076	19,902–24,549	23,568–37,408	6,808–18,704	1,571–4,092	325,756–500,327
SOx	153,059–226,881	33,973–54,151	13,589–16,601	16,093–25,297	4,649–12,648	1,073–2,767	222,436–338,346
VOC	446,942–721,660	99,204–172,243	39,681–52,804	46,992–80,464	13,575–40,232	3,133–8,801	649,528–1,076,204
PM_{10}	45,101–60,200	10,011–14,368	4,004–4,405	4,742–6,712	1,370–3,356	316–734	65,544–89,775

Table 4-56

Projected Peak-Year OCS Program Emissions by Source
(tons)

Activity/Pollutant	NOx	CO	SOx	VOC	PM_{10}
		Central Planning Area			
Service Vessels	174,103-176,697	17,492-17,753	18,131-18,401	7,596-7,710	10,534-10,691
Pipeline Vessels	3,357-6,439	1,125-2,157	467-8,97	307-588	278-532
LTO Helicopters	56-127	45-103	9 - 20	4-Feb	5-Feb
Cruise Helicopters	96-219	273-627	21-47	21-47	27-63
Blowouts without Fire	0	0	0	0	0
Spills without Fire	0	0	0	0	0
Barge Loading	0	0	0	114-157	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	154-212	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	0	0	0	0	0
Platform Construction	21,484-29,487	4,243-5,824	1,223-1,679	1,261-1,730	1,320-1,812
Exploration Wells	4,023-4,856	1,072-1,294	471-568	388-468	116-140
Development Wells	9,133-10,960	2,435-2,922	1,071-1,285	880-1,056	259-311
Platforms	86,725-352,293	20,181-81,980	14,573-59,200	65,760-267,128	1,585-6,439
Totals	298,976-316,859	46,867-112,660	35,966-82,097	76,482-279,101	14,121-19,992
		Western Planning Area			
Activity/Pollutant	NOx	CO	SOx	VOC	PM_{10}
Service Vessels	23,601-25,787	2,371-2,591	2,458-2,685	1,030-1,125	1,428-1,560
Pipeline Vessels	1,640-3,319	550-1,112	228-462	150-303	136-275
LTO Helicopters	59-67	47-54	9-10	2-2	2-3
Cruise Helicopters	101-115	289-328	22-25	22-25	29-33
Blowouts without Fire	0	0	0	0	0
Spills without Fire	0	0	0	0	0
Barge Loading	0	0	0	32-53	0
Tanker Loading	0	0	0	0	0
Transit Loss	0	0	0	43-71	0
Tanker Exhaust	0	0	0	0	0
Tug Exhaust	0	0	0	0	0
Platform Construction	4,844-6,740	957-1,331	276-384	284-396	298-414
Exploration Wells	1,506-2,180	401-580	176-255	145-210	43-63
Development Wells	3,007-3,911	802-1,043	353-459	290-377	85-111
Platforms	32,268-50,473	7,509-11,745	5,422-8,482	24,467-38,271	590-923
Totals	67,028-92,593	12,926-18,786	8,944-12,762	26,465-40,833	2,611-3,380

Table 4-57

Projected Peak-Year OCS Program Emissions by Water Depth in Meters
(tons)

Pollutant Distribution	0-60	60-200	200-800	800-1600	1600-2400	>2400	Total
Central Planning Area							
NOx	229,300–241,989	41,933–43,346	7,854–6,568	13,429–13,741	7,854–9,094	1,140–2,122	301,510–316,859
CO	35,945–86,040	6,573–15,412	1,231–2,335	2,105–4,886	1,231–3,233	179–754	47,264–112,660
SOx	27,584–62,698	5,044–11,231	945–1,702	1,615–3,560	945–2,356	1,615–549	37,749–82,097
VOC	58,658–213,153	10,727–381,181	2,009–5,785	3,435–12,104	2,009–8,010	292–1,869	77,130–279,101
PM_{10}	10,830–15,268	1,981–2,735	371–414	634–867	371–574	54–134	14,240–19,992
Western Planning Area							
Pollutant Distribution	0-60	60-200	200-800	800-1600	1600-2400	>2400	Total
NOx	46,122–62,089	10,237–14,819	4,095–4,543	4,849–6,923	1,401–3,461	323–757	67,028–92,593
CO	8,894–12,597	1,974–3,007	790–922	935–1,405	270–702	62–154	12,925–18,786
SOx	6,155–8,558	1,366–2,043	546–626	647–954	186–477	647–104	9,548–12,762
VOC	18,210–27,381	4,042–6,535	1,617–2,004	1,915–3,053	553–1,527	128–334	26,464–40,833
PM_{10}	1,797–2,267	399–541	160–166	189–253	55–126	13–28	2,611–3,380

Table 4-58

OCS Modeling Results and the Corresponding Maximum Allowable Increases
(micrograms per cubic meter)

Pollutant	Averaging Period	Class I Maximum Allowable Increase	Class I Modeled Impact from Central Planning Area
SO_2			
	Annual	2	0.3 - 0.7
	24-hour	5	4.8 - 10.9
	3-hour	25	10.4 - 23.8
NO_2			
	Annual	2.5	4.1 - 4.4
PM_{10}			
	Annual	5	0.1 - 0.2
	24-hour	10	1.9 - 2.7

Pollutant	Averaging Period	Class II Maximum Allowable Increase	Class II Modeled Impact from Central Planning Area	Class II Modeled Impact from Western Planning Area
SO_2				
	Annual	20	2.3 - 2.7	0
	24-hour	91	27.3 - 32.2	0.01
	3-hour	512	202.8 - 239.0	0.06
NO_2				
	Annual	25	6.2 - 7.5	0.31
PM_{10}				
	Annual	17	0.7 - 0.9	*
	24-hour	30	7.8 - 10.7	*

*TSP emissions were not modeled because they are emitted in smaller quantities than NO_2 or SO_2; hence, their impacts would be even less than those modeled and presented above.

Table 4-59

Population Projected for the OCS Program by Coastal Subarea

Year	TX-1		TX-2		WPA		LA-1		LA-2		LA-3		MA-1		CPA		FL-1		FL-2		FL-3		FL-4		EPA	
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
1	5,219	7,230	56,610	77,588	61,830	84,817	28,017	38,935	22,302	30,780	37,315	51,714	4,857	6,577	92,492	128,006	226	307	69	90	268	367	90	121	652	885
2	5,850	7,658	60,940	81,356	66,790	89,014	29,158	39,855	23,705	31,979	39,189	53,274	5,576	7,068	97,629	132,176	238	319	72	95	281	379	94	126	685	918
3	5,639	7,928	59,914	83,665	65,553	91,593	28,841	40,422	23,406	32,706	38,645	54,214	5,312	7,332	96,204	134,675	236	325	72	96	279	386	94	128	681	934
4	5,425	7,641	58,286	81,485	63,711	89,126	27,968	39,257	22,787	31,877	37,444	52,612	5,131	7,084	93,330	130,830	230	317	73	96	269	374	92	125	664	911
5	6,183	7,720	63,541	82,391	69,724	90,111	29,447	39,404	24,472	32,177	39,737	52,769	5,950	7,155	99,606	131,506	243	320	75	98	285	377	96	127	699	922
6	5,038	7,228	56,024	78,735	61,063	85,962	26,982	37,812	22,031	30,874	35,837	50,363	4,730	6,694	89,580	125,743	226	308	74	98	260	360	91	123	651	889
7	6,252	8,156	63,749	85,914	70,001	94,070	28,902	40,189	24,438	33,350	39,038	53,838	6,093	7,579	98,470	134,955	243	329	78	102	282	386	97	130	699	948
8	6,042	7,810	62,478	83,310	68,520	91,119	28,465	38,993	24,037	32,396	38,292	52,018	5,830	7,248	96,624	130,655	240	320	77	101	279	373	96	127	691	921
9	5,537	7,738	59,001	82,702	64,538	90,440	27,164	38,538	22,857	32,146	36,290	51,350	5,320	7,181	91,631	129,214	231	318	77	101	265	370	93	127	665	915
10	5,550	7,396	58,934	79,729	64,484	87,125	27,269	37,182	22,930	31,056	36,265	49,453	5,275	6,855	91,740	124,546	228	308	77	100	262	357	92	123	658	888
11	6,222	7,706	63,231	82,104	69,454	89,810	28,048	37,643	24,140	31,750	37,904	50,335	6,048	7,175	96,140	126,903	239	314	78	101	276	364	96	125	690	903
12	5,867	7,579	60,689	80,686	66,556	88,265	27,090	36,762	23,330	31,212	36,529	49,229	5,673	7,075	92,622	124,277	237	312	80	102	271	360	95	125	683	898
13	5,706	7,105	59,283	76,840	64,989	83,945	26,648	35,120	22,859	29,767	35,694	46,876	5,472	6,618	90,673	118,382	226	295	77	98	258	339	91	119	651	852
14	5,600	7,158	58,246	76,928	63,846	84,087	25,801	34,731	22,311	29,639	34,781	46,483	5,422	6,698	88,316	117,552	223	293	76	97	254	336	90	118	642	844
15	5,774	6,860	59,491	74,494	65,265	81,354	26,417	33,872	22,898	28,901	35,433	45,119	5,534	6,383	90,281	114,275	229	291	78	99	261	332	92	118	661	841
16	4,710	6,367	51,720	70,324	56,430	76,691	23,348	32,105	20,084	27,357	31,098	42,530	4,519	5,927	79,049	107,919	208	277	76	97	234	313	85	112	603	799
17	5,670	7,035	57,425	74,898	63,095	81,932	24,624	33,093	21,742	28,653	33,257	44,278	5,558	6,603	85,182	112,628	216	285	74	96	246	326	88	115	625	821
18	5,251	6,382	54,941	69,725	60,192	76,107	24,304	31,184	21,199	26,923	32,362	41,361	5,015	5,970	82,880	105,438	216	275	77	97	244	311	88	112	625	794
19	4,487	6,304	49,037	68,636	53,525	74,940	21,765	30,387	18,943	26,359	28,889	40,320	4,328	5,919	73,925	102,987	197	267	73	94	220	302	81	108	571	770
20	5,062	6,307	52,739	68,249	57,801	74,556	22,842	29,977	20,129	26,097	30,532	39,745	4,885	5,923	78,387	101,742	207	264	73	92	234	299	84	107	598	762
21	4,784	5,785	50,159	63,771	54,943	69,556	21,607	28,106	19,073	24,410	28,771	37,015	4,651	5,444	74,103	94,975	195	247	70	88	219	278	79	101	563	715
22	3,981	5,313	44,532	59,833	48,513	65,146	19,768	26,634	17,244	23,075	25,976	34,813	3,829	4,989	66,817	89,511	184	239	71	89	204	266	76	98	535	692
23	4,797	5,329	49,599	59,546	54,395	64,875	21,052	26,070	18,803	22,792	28,025	34,280	4,676	5,043	72,555	88,185	197	241	71	88	220	269	80	98	568	696
24	3,965	4,654	43,596	53,794	47,561	58,448	19,079	23,882	16,745	20,707	25,034	31,059	3,811	4,407	64,668	80,056	178	219	67	83	197	242	73	90	515	634
25	4,172	4,984	44,431	55,965	48,604	60,949	18,902	24,252	16,955	21,431	24,975	31,833	4,091	4,760	64,924	82,276	185	233	71	89	203	257	76	95	535	675
26	3,529	4,363	39,486	50,651	43,015	55,015	17,071	22,051	15,276	19,546	22,349	28,740	3,484	4,227	58,179	74,565	174	220	72	90	187	238	72	91	504	638
27	3,261	4,536	37,318	51,568	40,579	56,104	16,256	22,017	14,526	19,788	21,156	28,853	3,197	4,411	55,135	75,068	170	227	71	92	182	246	70	93	493	659
28	2,752	4,127	33,288	47,749	36,040	51,876	14,801	20,505	13,108	18,395	19,057	26,718	2,687	4,024	49,653	69,641	157	213	68	88	166	228	65	88	456	618
29	2,650	3,770	31,850	44,257	34,500	48,027	14,036	19,058	12,555	17,103	18,078	24,703	2,611	3,684	47,281	64,547	154	201	68	85	162	214	64	83	448	583
30	2,708	3,627	31,506	42,181	34,214	45,808	13,744	18,171	12,330	16,375	17,751	23,552	2,637	3,520	46,462	61,618	149	196	64	83	159	210	62	81	433	570
31	2,436	3,301	28,557	38,649	30,993	41,950	12,351	16,556	11,217	15,005	15,935	21,424	2,421	3,232	41,923	56,216	140	182	63	79	147	193	58	75	408	530
32	2,408	3,054	27,995	36,370	30,403	39,424	12,049	15,659	11,000	14,244	15,554	20,177	2,392	3,001	40,995	53,081	139	179	62	80	145	188	58	74	404	521
33	2,440	3,012	27,900	35,628	30,340	38,640	11,820	15,122	10,885	13,868	15,265	19,490	2,431	2,970	40,401	51,450	138	176	62	78	145	185	57	73	402	512
34	2,234	2,796	25,930	33,569	28,164	36,366	10,916	14,174	10,143	13,098	14,061	18,234	2,265	2,791	37,384	48,297	132	170	61	78	137	177	55	71	385	496
35	2,100	2,421	24,406	30,042	26,506	32,463	10,131	12,732	9,472	11,726	13,008	16,213	2,156	2,437	34,767	43,108	123	153	58	72	127	158	51	64	359	447
36	2,202	2,502	24,930	30,353	27,131	32,855	10,208	12,721	9,660	11,821	13,168	16,257	2,249	2,505	35,285	43,304	128	157	60	73	133	162	53	65	374	457
37	1,949	2,221	22,558	27,875	24,508	30,095	9,128	11,576	8,740	10,904	11,717	14,745	2,049	2,285	31,634	39,510	119	151	58	74	121	154	50	63	348	442
38	1,866	2,087	21,589	26,368	23,455	28,455	8,604	10,818	8,302	10,208	11,029	13,731	1,980	2,159	29,916	36,917	113	140	56	69	115	142	47	59	332	409
39	1,835	1,931	21,116	24,797	22,950	26,728	8,334	10,011	8,140	9,592	10,696	12,692	1,959	2,041	29,130	34,336	114	137	57	69	115	137	48	58	335	400
40	1,483	1,481	16,921	20,056	18,404	21,537	6,328	7,815	6,343	7,671	8,076	9,868	1,667	1,649	22,414	27,004	88	115	46	61	87	113	37	49	259	337

Table 4-60

Population Projected for the OCS Program as a Percent of Total Population by Coastal Subarea

	TX-1		TX-2		WPA		LA-1		LA-2		LA-3		MA-1		CPA		FL-1		FL-2		FL-3		FL-4		EPA	
Year	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
1	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.1 - 5.8		2.2 - 3.1		2.9 - 4.1		0.5 - 0.7		2.4 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
2	0.6 - 0.8		1.2 - 1.6		1.1 - 1.5		4.3 - 5.9		2.3 - 3.2		3.0 - 4.2		0.6 - 0.8		2.5 - 3.4		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
3	0.6 - 0.8		1.1 - 1.6		1.1 - 1.5		4.2 - 6.0		2.3 - 3.2		3.0 - 4.2		0.6 - 0.8		2.4 - 3.4		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
4	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.0 - 5.7		2.2 - 3.1		2.9 - 4.1		0.5 - 0.7		2.3 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
5	0.6 - 0.8		1.2 - 1.5		1.1 - 1.4		4.2 - 5.7		2.3 - 3.1		3.1 - 4.1		0.6 - 0.7		2.5 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
6	0.5 - 0.7		1.0 - 1.4		0.9 - 1.3		3.8 - 5.4		2.1 - 2.9		2.7 - 3.9		0.5 - 0.7		2.2 - 3.1		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
7	0.6 - 0.8		1.1 - 1.6		1.1 - 1.4		4.1 - 5.7		2.3 - 3.1		3.0 - 4.2		0.6 - 0.8		2.4 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
8	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.0 - 5.5		2.2 - 3.0		2.9 - 4.0		0.6 - 0.7		2.3 - 3.2		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
9	0.5 - 0.8		1.0 - 1.5		1.0 - 1.4		3.8 - 5.4		2.1 - 2.9		2.8 - 3.9		0.5 - 0.7		2.2 - 3.1		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
10	0.5 - 0.7		1.0 - 1.4		0.9 - 1.3		3.7 - 5.2		2.1 - 2.8		2.7 - 3.8		0.5 - 0.7		2.2 - 3.0		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
11	0.6 - 0.7		1.1 - 1.4		1.0 - 1.3		3.8 - 5.2		2.1 - 2.8		2.8 - 3.8		0.6 - 0.7		2.3 - 3.0		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
12	0.6 - 0.7		1.0 - 1.4		1.0 - 1.3		3.7 - 5.0		2.0 - 2.7		2.7 - 3.7		0.5 - 0.7		2.2 - 2.9		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
13	0.5 - 0.7		1.0 - 1.3		0.9 - 1.2		3.6 - 4.8		2.0 - 2.6		2.6 - 3.5		0.5 - 0.6		2.1 - 2.8		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
14	0.5 - 0.7		1.0 - 1.3		0.9 - 1.2		3.4 - 4.7		1.9 - 2.5		2.6 - 3.5		0.5 - 0.6		2.0 - 2.7		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
15	0.5 - 0.6		1.0 - 1.2		0.9 - 1.1		3.5 - 4.5		1.9 - 2.5		2.6 - 3.3		0.5 - 0.6		2.1 - 2.6		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
16	0.4 - 0.6		0.8 - 1.1		0.8 - 1.1		3.1 - 4.3		1.7 - 2.3		2.3 - 3.1		0.4 - 0.6		1.8 - 2.5		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
17	0.5 - 0.6		0.9 - 1.2		0.9 - 1.1		3.2 - 4.4		1.8 - 2.4		2.4 - 3.2		0.5 - 0.6		1.9 - 2.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
18	0.5 - 0.6		0.9 - 1.1		0.8 - 1.0		3.1 - 4.1		1.7 - 2.2		2.3 - 3.0		0.5 - 0.5		1.8 - 2.4		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
19	0.4 - 0.6		0.8 - 1.1		0.7 - 1.0		2.8 - 3.9		1.5 - 2.1		2.1 - 2.9		0.4 - 0.5		1.6 - 2.3		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
20	0.4 - 0.6		0.8 - 1.1		0.8 - 1.0		2.9 - 3.9		1.6 - 2.1		2.2 - 2.9		0.4 - 0.5		1.7 - 2.2		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
21	0.4 - 0.5		0.8 - 1.0		0.7 - 0.9		2.7 - 3.6		1.5 - 1.9		2.0 - 2.7		0.4 - 0.5		1.6 - 2.1		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
22	0.3 - 0.5		0.7 - 0.9		0.6 - 0.8		2.5 - 3.4		1.3 - 1.8		1.8 - 2.5		0.3 - 0.4		1.4 - 1.9		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
23	0.4 - 0.5		0.7 - 0.9		0.7 - 0.8		2.6 - 3.3		1.5 - 1.8		2.0 - 2.4		0.4 - 0.4		1.6 - 1.9		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
24	0.3 - 0.4		0.6 - 0.8		0.6 - 0.7		2.4 - 3.0		1.3 - 1.6		1.8 - 2.2		0.3 - 0.4		1.4 - 1.7		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
25	0.4 - 0.4		0.6 - 0.8		0.6 - 0.8		2.3 - 3.0		1.3 - 1.6		1.7 - 2.2		0.3 - 0.4		1.4 - 1.7		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
26	0.3 - 0.4		0.6 - 0.7		0.5 - 0.7		2.1 - 2.7		1.1 - 1.5		1.6 - 2.0		0.3 - 0.4		1.2 - 1.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
27	0.3 - 0.4		0.5 - 0.7		0.5 - 0.7		2.0 - 2.7		1.1 - 1.5		1.5 - 2.0		0.3 - 0.4		1.1 - 1.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
28	0.2 - 0.3		0.5 - 0.7		0.4 - 0.6		1.8 - 2.5		1.0 - 1.3		1.3 - 1.8		0.2 - 0.3		1.0 - 1.4		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
29	0.2 - 0.3		0.4 - 0.6		0.4 - 0.6		1.7 - 2.3		0.9 - 1.2		1.2 - 1.7		0.2 - 0.3		1.0 - 1.3		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
30	0.2 - 0.3		0.4 - 0.6		0.4 - 0.5		1.6 - 2.1		0.9 - 1.2		1.2 - 1.6		0.2 - 0.3		0.9 - 1.2		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
31	0.2 - 0.3		0.4 - 0.5		0.4 - 0.5		1.4 - 1.9		0.8 - 1.1		1.1 - 1.5		0.2 - 0.3		0.8 - 1.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
32	0.2 - 0.2		0.4 - 0.5		0.3 - 0.4		1.4 - 1.8		0.8 - 1.0		1.0 - 1.4		0.2 - 0.2		0.8 - 1.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
33	0.2 - 0.2		0.4 - 0.5		0.3 - 0.4		1.4 - 1.7		0.8 - 1.0		1.0 - 1.3		0.2 - 0.2		0.8 - 1.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
34	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.2 - 1.6		0.7 - 0.9		0.9 - 1.2		0.2 - 0.2		0.7 - 0.9		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
35	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.1 - 1.4		0.6 - 0.8		0.9 - 1.1		0.2 - 0.2		0.7 - 0.8		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
36	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.1 - 1.4		0.6 - 0.8		0.9 - 1.1		0.2 - 0.2		0.7 - 0.8		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
37	0.1 - 0.2		0.3 - 0.4		0.3 - 0.3		1.0 - 1.3		0.6 - 0.7		0.8 - 1.0		0.2 - 0.2		0.6 - 0.8		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
38	0.1 - 0.2		0.3 - 0.3		0.2 - 0.3		1.0 - 1.2		0.5 - 0.7		0.7 - 0.9		0.1 - 0.2		0.6 - 0.7		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
39	0.1 - 0.1		0.3 - 0.3		0.2 - 0.3		0.9 - 1.1		0.5 - 0.6		0.7 - 0.8		0.1 - 0.2		0.5 - 0.6		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
40	0.1 - 0.1		0.2 - 0.2		0.2 - 0.2		0.7 - 0.9		0.4 - 0.5		0.5 - 0.6		0.1 - 0.1		0.4 - 0.5		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	

Table 4-61

Employment (direct, indirect, and induced) Projected for the OCS Program by Coastal Subarea

Year	TX-1		TX-2		WPA		LA-1		LA-2		LA-3		MA-1		CPA		FL-1		FL-2		FL-3		FL-4		EPA	
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
1	2,610	3,614	34,746	47,621	37,355	51,236	15,803	21,961	12,943	17,863	22,636	31,370	2,755	3,730	54,136	74,924	126	171	25	33	160	219	52	70	363	493
2	2,927	3,832	37,466	50,017	40,393	53,850	16,528	22,592	13,767	18,572	23,862	32,438	3,172	4,021	57,329	77,622	133	178	26	34	169	227	55	73	382	513
3	2,824	3,971	36,897	51,523	39,721	55,494	16,430	23,027	13,603	19,008	23,618	33,134	3,032	4,185	56,683	79,354	132	182	26	35	168	233	55	74	381	524
4	2,719	3,830	35,949	50,257	38,669	54,088	16,007	22,469	13,252	18,538	22,968	32,272	2,937	4,055	55,164	77,334	129	177	26	35	163	226	54	73	372	511
5	3,103	3,875	39,262	50,909	42,365	54,784	16,939	22,667	14,248	18,734	24,516	32,556	3,418	4,110	59,121	78,068	136	180	27	35	174	230	56	74	393	519
6	2,532	3,632	34,680	48,739	37,212	52,371	15,600	21,861	12,842	17,996	22,238	31,252	2,727	3,859	53,406	74,968	127	174	27	35	159	220	53	72	366	501
7	3,146	4,104	39,534	53,280	42,680	57,384	16,794	23,353	14,261	19,462	24,365	33,602	3,525	4,384	58,945	80,801	137	186	28	36	173	237	57	76	395	536
8	3,044	3,935	38,817	51,759	41,860	55,694	16,624	22,773	14,043	18,927	24,038	32,655	3,384	4,208	58,090	78,562	136	181	27	36	172	230	56	75	391	522
9	2,792	3,902	36,706	51,450	39,498	55,353	15,930	22,600	13,365	18,797	22,900	32,403	3,097	4,180	55,292	77,980	131	180	27	36	164	229	55	74	377	519
10	2,802	3,735	36,720	49,676	39,522	53,411	16,064	21,903	13,427	18,186	22,968	31,321	3,080	4,003	55,540	75,413	130	175	27	35	163	222	54	73	373	505
11	3,147	3,897	39,457	51,233	42,603	55,130	16,597	22,275	14,156	18,618	24,095	31,998	3,543	4,203	58,390	77,093	136	179	27	35	172	227	56	74	393	515
12	2,971	3,838	37,928	50,425	40,899	54,263	16,102	21,851	13,700	18,329	23,306	31,410	3,334	4,157	56,443	75,747	135	178	28	36	170	225	56	74	389	513
13	2,893	3,602	37,106	48,095	39,999	51,697	15,911	20,969	13,443	17,506	22,858	30,019	3,226	3,902	55,438	72,395	129	169	27	34	162	213	54	70	372	487
14	2,843	3,634	36,498	48,205	39,341	51,838	15,463	20,814	13,135	17,450	22,344	29,862	3,204	3,959	54,147	72,084	128	168	26	34	160	212	53	70	367	483
15	2,936	3,487	37,328	46,742	40,263	50,229	15,894	20,379	13,506	17,046	22,888	29,145	3,280	3,783	55,567	70,353	132	167	27	35	165	210	55	70	379	482
16	2,398	3,242	32,495	44,184	34,893	47,426	14,103	19,393	11,868	16,166	20,198	27,623	2,686	3,523	48,855	66,704	120	159	26	34	148	199	50	67	345	458
17	2,891	3,587	36,128	47,120	39,019	50,708	14,933	20,069	12,872	16,963	21,719	28,916	3,313	3,936	52,836	69,884	125	164	26	33	157	207	52	68	359	473
18	2,682	3,259	34,611	43,925	37,293	47,184	14,797	18,986	12,573	15,968	21,250	27,159	2,998	3,569	51,618	65,682	125	159	27	34	156	198	52	66	360	457
19	2,295	3,224	30,924	43,283	33,218	46,506	13,295	18,562	11,251	15,656	19,060	26,603	2,593	3,546	46,199	64,367	114	154	25	32	141	193	48	64	328	444
20	2,593	3,231	33,299	43,092	35,892	46,323	14,003	18,377	11,984	15,537	20,262	26,376	2,934	3,558	49,183	63,848	120	153	25	32	150	192	50	64	345	440
21	2,455	2,969	31,709	40,314	34,164	43,283	13,293	17,292	11,382	14,567	19,205	24,707	2,801	3,278	46,681	59,845	113	144	24	31	141	179	47	60	325	413
22	2,046	2,731	28,187	37,871	30,233	40,603	12,205	16,445	10,315	13,803	17,440	23,373	2,312	3,013	42,273	56,633	107	139	24	31	131	172	45	58	308	400
23	2,470	2,745	31,432	37,736	33,903	40,481	13,045	16,154	11,274	13,666	18,925	23,150	2,831	3,053	46,074	56,022	115	140	25	30	142	174	48	59	329	403
24	2,045	2,400	27,655	34,123	29,700	36,524	11,857	14,843	10,058	12,439	16,991	21,080	2,312	2,673	41,218	51,035	104	128	23	29	128	157	44	54	298	367
25	2,156	2,575	28,219	35,544	30,375	38,120	11,790	15,127	10,209	12,903	17,050	21,732	2,488	2,895	41,537	52,657	108	136	25	31	132	167	45	57	310	391
26	1,827	2,258	25,110	32,209	26,936	34,468	10,685	13,803	9,219	11,796	15,346	19,735	2,124	2,578	37,375	47,912	102	129	25	31	122	155	43	55	291	369
27	1,691	2,352	23,760	32,833	25,451	35,185	10,212	13,831	8,787	11,971	14,612	19,928	1,954	2,697	35,566	48,426	100	133	24	32	119	161	42	56	285	382
28	1,430	2,144	21,220	30,439	22,650	32,583	9,331	12,927	7,949	11,154	13,239	18,561	1,647	2,466	32,165	45,108	92	125	23	30	109	150	39	53	264	358
29	1,379	1,962	20,329	28,247	21,708	30,209	8,881	12,058	7,631	10,395	12,632	17,261	1,605	2,264	30,749	41,978	91	118	23	29	106	141	39	50	259	338
30	1,412	1,891	20,134	26,956	21,546	28,846	8,727	11,538	7,512	9,977	12,476	16,553	1,625	2,169	30,340	40,236	88	116	22	29	104	138	37	49	251	331
31	1,272	1,724	18,272	24,729	19,544	26,453	7,870	10,550	6,850	9,163	11,265	15,145	1,495	1,996	27,480	36,855	83	108	22	27	97	127	35	46	236	308
32	1,260	1,598	17,934	23,300	19,194	24,898	7,706	10,014	6,733	8,719	11,060	14,347	1,481	1,858	26,980	34,939	82	106	21	27	96	124	35	45	234	302
33	1,279	1,579	17,896	22,852	19,174	24,431	7,586	9,705	6,679	8,509	10,917	13,940	1,509	1,844	26,692	33,998	82	104	21	27	96	123	35	44	234	298
34	1,173	1,468	16,653	21,559	17,826	23,027	7,031	9,130	6,238	8,055	10,115	13,117	1,410	1,738	24,794	32,040	78	101	21	27	91	118	33	43	224	288
35	1,105	1,273	15,693	19,317	16,798	20,591	6,549	8,230	5,839	7,229	9,412	11,731	1,346	1,521	23,146	28,711	73	91	20	25	85	105	31	39	209	260
36	1,160	1,318	16,050	19,541	17,210	20,859	6,622	8,252	5,970	7,305	9,583	11,832	1,407	1,567	23,582	28,956	77	94	20	25	89	108	32	40	218	267
37	1,029	1,172	14,541	17,968	15,570	19,140	5,943	7,536	5,414	6,754	8,577	10,794	1,285	1,434	21,219	26,518	71	90	20	25	81	103	30	39	202	257
38	987	1,104	13,934	17,018	14,920	18,121	5,622	7,068	5,155	6,338	8,121	10,111	1,245	1,358	20,143	24,875	68	84	19	23	77	95	29	36	193	239
39	972	1,023	13,645	16,024	14,617	17,047	5,465	6,564	5,066	5,970	7,922	9,399	1,236	1,287	19,688	23,220	69	82	19	23	78	92	29	35	195	233
40	787	786	10,948	12,976	11,735	13,762	4,164	5,143	3,957	4,785	6,016	7,351	1,054	1,043	15,191	18,322	53	69	16	21	59	76	23	30	151	196

Table 4-62

Employment Projected for the OCS Program as a Percent of Total Employment by Coastal Subarea

	TX-1		TX-2		WPA		LA-1		LA-2		LA-3		MA-1		CPA		FL-1		FL-2		FL-3		FL-4		EPA	
Year	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High
1	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.1 - 5.8		2.2 - 3.1		2.9 - 4.1		0.5 - 0.7		2.4 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
2	0.6 - 0.8		1.2 - 1.6		1.1 - 1.5		4.3 - 5.9		2.3 - 3.2		3.0 - 4.2		0.6 - 0.8		2.5 - 3.4		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
3	0.6 - 0.8		1.1 - 1.6		1.1 - 1.5		4.2 - 6.0		2.3 - 3.2		3.0 - 4.2		0.6 - 0.8		2.4 - 3.5		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
4	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.0 - 5.7		2.2 - 3.1		2.9 - 4.1		0.5 - 0.7		2.3 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
5	0.6 - 0.8		1.2 - 1.5		1.1 - 1.4		4.2 - 5.7		2.3 - 3.1		3.1 - 4.1		0.6 - 0.7		2.5 - 3.3		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
6	0.5 - 0.7		1.0 - 1.4		1.0 - 1.4		3.8 - 5.4		2.1 - 2.9		2.7 - 3.9		0.5 - 0.7		2.2 - 3.1		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
7	0.6 - 0.8		1.1 - 1.6		1.1 - 1.5		4.1 - 5.7		2.3 - 3.1		3.0 - 4.2		0.6 - 0.8		2.4 - 3.4		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
8	0.6 - 0.8		1.1 - 1.5		1.0 - 1.4		4.0 - 5.5		2.2 - 3.0		2.9 - 4.0		0.6 - 0.7		2.4 - 3.2		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
9	0.5 - 0.8		1.0 - 1.5		1.0 - 1.4		3.8 - 5.4		2.1 - 2.9		2.8 - 3.9		0.5 - 0.7		2.2 - 3.2		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
10	0.5 - 0.7		1.0 - 1.4		1.0 - 1.3		3.7 - 5.2		2.1 - 2.8		2.7 - 3.8		0.5 - 0.7		2.2 - 3.0		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
11	0.6 - 0.7		1.1 - 1.4		1.0 - 1.3		3.8 - 5.2		2.1 - 2.8		2.8 - 3.8		0.6 - 0.7		2.3 - 3.1		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
12	0.6 - 0.7		1.0 - 1.4		1.0 - 1.3		3.7 - 5.0		2.0 - 2.7		2.7 - 3.7		0.5 - 0.7		2.2 - 3.0		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
13	0.5 - 0.7		1.0 - 1.3		0.9 - 1.2		3.6 - 4.8		2.0 - 2.6		2.6 - 3.5		0.5 - 0.6		2.1 - 2.8		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
14	0.5 - 0.7		1.0 - 1.3		0.9 - 1.2		3.4 - 4.7		1.9 - 2.5		2.6 - 3.5		0.5 - 0.6		2.1 - 2.8		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
15	0.5 - 0.6		1.0 - 1.2		0.9 - 1.1		3.5 - 4.5		1.9 - 2.5		2.6 - 3.3		0.5 - 0.6		2.1 - 2.7		0.0 - 0.0		0.1 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
16	0.4 - 0.6		0.8 - 1.1		0.8 - 1.1		3.1 - 4.3		1.7 - 2.3		2.3 - 3.1		0.4 - 0.6		1.8 - 2.5		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
17	0.5 - 0.6		0.9 - 1.2		0.9 - 1.1		3.2 - 4.4		1.8 - 2.4		2.4 - 3.2		0.5 - 0.6		1.9 - 2.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
18	0.5 - 0.6		0.9 - 1.1		0.8 - 1.0		3.1 - 4.1		1.7 - 2.2		2.3 - 3.0		0.5 - 0.5		1.9 - 2.4		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
19	0.4 - 0.6		0.8 - 1.1		0.7 - 1.0		2.8 - 3.9		1.5 - 2.1		2.1 - 2.9		0.4 - 0.5		1.7 - 2.3		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
20	0.4 - 0.6		0.8 - 1.1		0.8 - 1.0		2.9 - 3.9		1.6 - 2.1		2.2 - 2.9		0.4 - 0.5		1.7 - 2.3		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
21	0.4 - 0.5		0.8 - 1.0		0.7 - 0.9		2.7 - 3.6		1.5 - 1.9		2.0 - 2.7		0.4 - 0.5		1.6 - 2.1		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
22	0.3 - 0.5		0.7 - 0.9		0.6 - 0.8		2.5 - 3.4		1.3 - 1.8		1.8 - 2.5		0.3 - 0.4		1.5 - 2.0		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
23	0.4 - 0.5		0.7 - 0.9		0.7 - 0.8		2.6 - 3.3		1.5 - 1.8		2.0 - 2.4		0.4 - 0.4		1.6 - 1.9		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
24	0.3 - 0.4		0.6 - 0.8		0.6 - 0.7		2.4 - 3.0		1.3 - 1.6		1.8 - 2.2		0.3 - 0.4		1.4 - 1.7		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
25	0.4 - 0.4		0.6 - 0.8		0.6 - 0.8		2.3 - 3.0		1.3 - 1.6		1.7 - 2.2		0.3 - 0.4		1.4 - 1.8		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
26	0.3 - 0.4		0.6 - 0.7		0.5 - 0.7		2.1 - 2.7		1.1 - 1.5		1.6 - 2.0		0.3 - 0.4		1.2 - 1.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
27	0.3 - 0.4		0.5 - 0.7		0.5 - 0.7		2.0 - 2.7		1.1 - 1.5		1.5 - 2.0		0.3 - 0.4		1.2 - 1.6		0.0 - 0.0		0.0 - 0.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
28	0.2 - 0.3		0.5 - 0.7		0.4 - 0.6		1.8 - 2.5		1.0 - 1.3		1.3 - 1.8		0.2 - 0.3		1.0 - 1.5		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
29	0.2 - 0.3		0.4 - 0.6		0.4 - 0.6		1.7 - 2.3		0.9 - 1.2		1.2 - 1.7		0.2 - 0.3		1.0 - 1.3		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
30	0.2 - 0.3		0.4 - 0.6		0.4 - 0.5		1.6 - 2.1		0.9 - 1.2		1.2 - 1.6		0.2 - 0.3		1.0 - 1.3		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
31	0.2 - 0.3		0.4 - 0.5		0.4 - 0.5		1.4 - 1.9		0.8 - 1.1		1.1 - 1.5		0.2 - 0.3		0.9 - 1.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
32	0.2 - 0.2		0.4 - 0.5		0.4 - 0.5		1.4 - 1.8		0.8 - 1.0		1.0 - 1.4		0.2 - 0.2		0.8 - 1.1		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
33	0.2 - 0.2		0.4 - 0.5		0.3 - 0.4		1.4 - 1.7		0.8 - 1.0		1.0 - 1.3		0.2 - 0.2		0.8 - 1.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
34	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.2 - 1.6		0.7 - 0.9		0.9 - 1.2		0.2 - 0.2		0.7 - 1.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
35	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.1 - 1.4		0.6 - 0.8		0.9 - 1.1		0.2 - 0.2		0.7 - 0.9		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
36	0.2 - 0.2		0.3 - 0.4		0.3 - 0.4		1.1 - 1.4		0.6 - 0.8		0.9 - 1.1		0.2 - 0.2		0.7 - 0.8		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
37	0.1 - 0.2		0.3 - 0.4		0.3 - 0.3		1.0 - 1.3		0.6 - 0.7		0.8 - 1.0		0.2 - 0.2		0.6 - 0.8		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
38	0.1 - 0.2		0.3 - 0.3		0.3 - 0.3		1.0 - 1.2		0.5 - 0.7		0.7 - 0.9		0.1 - 0.2		0.6 - 0.7		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
39	0.1 - 0.1		0.3 - 0.3		0.2 - 0.3		0.9 - 1.1		0.5 - 0.6		0.7 - 0.8		0.1 - 0.2		0.6 - 0.7		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	
40	0.1 - 0.1		0.2 - 0.2		0.2 - 0.2		0.7 - 0.9		0.4 - 0.5		0.5 - 0.6		0.1 - 0.1		0.4 - 0.5		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0		0.0 - 0.0	

Table 4-63

Recommended mitigation techniques used to avoid or reduce adverse impact to wetlands by pipelines, canals, dredging, and dredged material placement

Technique	Decision Process	Factors To Consider
	Pipeline Construction	
Avoidance	1. Route Selection and Location Evaluation of potential routes that avoid wetlands entirely Shared ROW and Pipelines Using all or part of an existing ROW would avoid new impacts to wetlands	Length of route Difficulty of the land for pipeline installation i.e. access points, sediment characteristics Presence of other pipelines Presence of transportation corridors Density of surrounding developments Number of different land owners
Minimization	1. Necessity of pipeline contents	Environment function Timing of the project Previous pipeline installations Availability of equipment
Location/route selection	Early planning Considering wetland type Use of aerial photography as well as digital and topo maps combined with field surveys to identify route of minimal impact	Most routes are predetermined by the beginning and end points Flexibility within general route to locate sections of pipelines to one side or another to take advantage of upland areas, existing ROW, etc.
Existing ROW/Corridors	Plan routes paralleling existing pipelines (safety issues) Timing right to share section of pipeline between or among users	Group pipelines in corridors where impacts are limited to smaller areas of coastal wetlands
Construction/ Installation	Methods depend on environment pipeline is constructed Flotation canals Push-pull method Single versus double ditching techniques Directional drilling *	Choice of method has implications for Type of impact Access impact Impact from specific equipment
	Dredging	
Dredge and other Material Disposal	Features associated with pipeline canals and navigation channels Avoid levees by: Spray dredging Levee manipulation/spoil bank removal Canal backfilling	Navigation channels and some canals must be left open for access Impacts associated with spoil banks include: Soil compaction Impoundment Creation of upland vegetation
Dredge Material Bank Removal	Identify areas to place dredge Navigation channels Canals that cannot be backfilled Potential use for filling nearby old canal or abandoned navigation channels Off-site mitigation	Due to expense and difficulty in many coastal areas only used in sensitive areas
Levee Manipulation	Dredge material should allow water to pass through openings in the line of dredge placement	Levees used as walkways and built from material placed in a long line paralleling the length of the project is detrimental to marsh and should be built discontinuous instead Must maintain natural hydrologic pattern Technique is post construction technique where sections of dredge banks are removed in order to restore hydrologic flow

Table 4-63 (continued)

Technique	Decision Process	Factors To Consider
Spray Dredge	Suggested and used to avoid completely the creation of dredge banks Spray dredging places material over a large area of marsh surface at a depth that avoids destroying vegetation or altering hydrology	Normally dredge is deposited discontinuously and unevenly, enabling the avoidance of sensitive habitats or minimize spoil over small creeks More costly than more traditional use of the bucket dredge; most contractors along the coast of GOM have not invested in spray dredge technology
Canals and Channels		
Backfill	Suggested as a way to minimize impacts from canals and to restore impacted habitats Based on OCS permit information, this is the most common required mitigation in recent years In Texas and Louisiana, a typical backfilled Pipeline canal results in 75% reduction in direct impacts to the marsh as compared to non-backfilled canals (Baumann and Turner 1990)	Involves returning soil into the canal so that the elevation is restored as close as possible to pre-construction elevation May occur on site for canal restoration, as well as off-site as mitigation for other dredging operations Intended benefits of backfilling are: Re-establishment of marsh vegetation in the canal and on the re-graded spoil bank Restoration of marsh soils on bottom of the canal
Wood Chipping	A new technique unique to forested wetlands Regulatory personnel believe the use of windrows should be avoided. Requirement for chipping on-site started approximately 1992/93	Prior to 1996, trees removed for ROW being pushed to the side created *windrows* with the potential to act as hydrologic barriers Success of wood chipping remains undetermined. Problems encountered: Equipment not adapted to the function of marshes Equipment is expensive Process is time-consuming
Erosion Stabilization	Many impacts are from pipeline canals and navigation channels Stabilization of banks is critical Lack of stabilization can result in slumping of canal sides and blockage of natural creeks/drainage streams	Erosion control measures are required through the use of Best Management Practices Requirement is usually erosion control./siltation fences
Revegetation	Often required by permits Extremely valuable to the acceleration of marsh recover over first growing season Most extensive data exist for the re-vegetation of dunes, but through the use of directional drilling, is not the concern as in past cases	Stabilizes shorelines, shore banks, and areas surrounding stream crossings where erosion is most likely to occur Helps to reduce sedimentation and erosion
Plugs/Dams	Structures have been used frequently in order to mitigate adverse hydrodynamic impacts and accelerated erosion: dams, weirs, bulkheads, rip-rap shell/gravel mats, biodegradable mats	Reduces erosion and provides barriers to saltwater intrusion Plugs maintain elevated marsh water levels Prevent salt water intrusion into low-salinity marshes Reduces tidal exchange thereby reducing bank erosion
Erosion Control During Project	Construction of pipelines and navigation Channels is governed by the of Best Management Practices and erosion control during the construction phase is a requirement	Natural features of each construction site should be identified for the necessary erosion control

Table 4-63 (continued)

Technique	Decision Process	Factors To Consider
Timing of Project	The seasonal timing of the project can minimize impacts. Avoid impacts to endangered species, particularly bird breeding seasons	Expanding restrictions to ensure there will be at least part of one growing season for re-establishment of vegetation before fall/winter has been discussed, but dismissed for economic reasons too industry
Restoration	Can occur either immediately, post construction, or many years after pipeline and navigation canal construction	Backfilling of canals, resulting in levee removal, has been a requirement for most pipeline installation projects. There is benefit to backfilling old canals and navigation channels in order to reduce or reverse the trend of wetland losses in coastal Louisiana Other options include the use of imported material
Compensation	Typically occurs through the creation of new wetland habitat or through a cash payment to the appropriate land management agency Allows for the creation and restoration of lost wetland habitat In Louisiana, the payment for cash for wetlands into a state trust fund is administered by LADNR and is controversial This fund has been in existence for several years and has a significant accumulation of funds, however, no creation projects have yet to tap into it	In many cases not an option Saline marshes have yet to be successfully created, and finding appropriate locations to create salt marsh is difficult Forested wetlands are also difficult to compensate

* Trenchless, or directional drilling is the newest and favored technique in sensitive habitats. This technique is considered to be extremely protective of sensitive habitats. Currently, directional drilling is required almost without exception for crossing barrier island and shore faces. Impacts are limited to the access and staging sites for the equipment. By using directional drilling, pipeline installation can occur without having to cut through shore facings minimizing any erosion and surface habitat disturbance.

Table 4-64

OCS Louisiana Study Area Pipeline Landloss (300-m buffer) Trend Summary
(increase in water area by time period)

Time Period	Years Total	Mi^2 Total	Hectare Total	Acre Total	Mi^2/Ha/Ac Per Year
1956-1978	22	101	26,158	64,640	4.60/1,191/2,944
1978-1990	12	22	5,698	14,080	1.80/466/1,152
1990-2002	12	10	2,590	6,400	0.82/212/525
1956-2002	46	133	34,447	85,120	2.88/746/1,843

Source: Johnston and Barras, personal communication, 2002.

Table 9-1

Watermasses in the Gulf of Mexico

Watermass	Eastern Gulf of Mexico			Western Gulf of Mexico		
	Depth	Feature(s)	Sigma-theta (m)(mg/cm^3)	Depth	Feature(s)	Sigma-theta (m)(mg/cm^3)
SUW-LC	150-250	S_{max}	25.40	NA	NA	NA
SUW	150-250	S_{max}	25.40	0-250	S_{max}	25.40
18°C W	200-400	O_{2max}	26.50	NA	NA	NA
TACW	400-700	O_{2min}	27.15	250-400	O_{2min}	27.15
AAIW	NA	NA	NA	500-700	NO_{3max}	27.30
AAIW	700-900	PO_{4max}	27.40	600-800	PO_{4max}	27.40
AAIW	800-1,000	S_{min}	27.50	700-800	S_{min}	27.50
		SiO_{2max}	NA		SiO_{2max}	NA
UNADW	900-1,200	SiO_{2max}	27.70	1,000-1,100	SiO_{2max}	27.70

Key:

18°C W = 18 degrees C Sargasso Sea Water
AAIW = Antarctic intermediate water
NA = Information not available
NO_{3max} = nitrate maximum
O_{2max} = dissolved oxygen maximum
O_{2min} = dissolved oxygen minimum
PO_{4max} = phosphate maximum
SiO_{2max} = silicate maximum
S_{max} = salinity maximum
S_{min} = salinity minimum
SUW = subtropical underwater in the Gulf but outside Loop Current
SUW-LC = subtropical underwater in Loop Current and new Loop Current eddies
TACW = tropical Atlantic central water
UNADW = mixture of upper North Atlantic deepwater and high-silicate Caribbean mid-water

Table 9-2

Climatological Data for Selected Gulf Coast Locations

Location	Precipitation (annual average, meters)	Temperature (mean annual, °C)	Wind Speed (average annual mean, m/sec)	Humidity (average percent)	Barometric Pressure (average annual millibars)	Stability Conditions Annual Percent		
						Unstable	Neutral	Stable
Corpus Christi, TX	0.77	21.7	5.4	89	1,014	11.0	61.0	28.0
Galveston, TX	1.07	20.9	4.9	83	1,015	16.0	61.4	22.6
Lake Charles, LA	1.35	19.9	3.9	90	1,016	23.0	44.0	33.0
Gulfport, MS	1.50	20.0	3.6	85	1,016	17.5	47.4	35.1
Pensacola, FL	1.55	19.9	3.7	85	1,013	18.0	22.0	60.0
Key West, FL	1.01	25.3	5.0	79	1,014	80.0	18.0	2.0

Sources: USDOC, NOAA, 1961-1986.

Table 9-3

Summary of the Most Damaging Hurricanes in the Gulf of Mexico (1900-1999)

Hurricane	Year	Category[1]	Damage[2] (million $)	Deaths
Texas	1900	4	NA	6,000+
Mississippi/Alabama/Pensacola, Florida	1906	3	NA	134
Southeast Florida	1906	2	NA	164
Louisiana	1909	4	NA	350
Texas	1909	3	NA	41
Louisiana	1915	4	NA	275
North Texas	1915	4	1,177	275
Southwest Louisiana	1918	3	NA	34
Florida Keys	1919	4	NA	600-900
Florida	1926	4	1,315	243
Louisiana	1926	3	NA	25
Texas	1932	4	NA	40
South Texas	1933	3	NA	40
Southwest Florida	1944	3	582	NA
Southeast Florida/Louisiana/Mississippi	1947	4	707	51
Audrey (Louisiana/Texas)	1957	4	696	390
Carla (Texas)	1961	4	1,926	46
Hilda (Louisiana)	1964	3	578	38
Betsy (Florida/Louisiana)	1965	3	6,461	75
Beulah (Texas)	1967	3	844	NA
Camille (Mississippi/Alabama)	1969	5	5,242	256
Celia (Texas)	1970	3	1,560	NA
Eloise (Florida)	1975	3	1,081	NA
Claudette (Texas)	1979	T.S.	609	NA
Frederic (Alabama/Mississippi)	1979	3	3,502	NA
Allen (Texas)	1980	3	410	NA
Alicia (Texas)	1983	3	2,391	NA
Elena (Mississippi/Alabama/Louisiana)	1985	3	1,392	NA
Juan (Louisiana)	1985	1	1,671	NA
Allison (Texas)	1989	T.S.	511	NA
Andrew (Florida/Louisiana)	1992	4	30,475	NA
Gordon (Florida)	1994	T.S.	400	NA
Alberto (Florida/Alabama)	1994	T.S.	500	30
Erin (Florida/Miss/Alabama)	1995	1	700	NA
Opal (Florida/Alabama)	1995	3	3,069	NA
Danny (Louisiana/Florida)	1997	1	NA	NA
Earl (Florida)	1998	1	NA	NA
Georges (Florida/Mississippi)	1998	2	NA	NA
Bret (Texas)	1999	4	NA	NA
Irene (Florida)	1999	1	NA	NA

Sources: Modified from Herbert et al., 1992 and USDOC, NOAA, 2001.
[1] Storm Category represents the Saffir/Simpson Scale
Category 1 = winds of 74-95 mph
Category 2 = winds of 96-110 mph
Category 3 = winds of 111-130 mph
Category 4 = winds of 131-155 mph
Category 5 = winds greater than 155 mph
[2] Damage in adjusted 1990 U.S. dollars.
T.S. = tropical storm.
NA= Data not available.

Table 9-4

Rigs-to-Reefs Donations and Methods of Removal and Reefing by State at the End of 1999

State	Rigs-to-Reefs Donations	Tow-and-Place Platforms	Topple-in-Place Platforms	Partial Removal Platforms
Louisiana	94	59	31	4
Texas	50	24	14	12
Florida	3	3	0	0
Alabama	4	4	0	0
Mississippi	0	0	0	0
Total	151	90	45	16

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