

Table III-26. Gulf of Mexico Counties with Concentrated Levels of Oil- and Gas-Related Infrastructure

| Low Concentration | | Medium Concentration | | High Concentration | |
|----------------------|-------|----------------------|-------|--------------------|-------|
| County/Parish | State | County/Parish | State | County/Parish | State |
| Escambia | FL | Bay | FL | Mobile | AL |
| Manatee | FL | Hillsborough | FL | Cameron | LA |
| Ascension | LA | Calcasieu | LA | Jefferson | LA |
| Lafayette | LA | East Baton Rouge | LA | Lafourche | LA |
| St. John the Baptist | LA | Iberia | LA | Plaquemines | LA |
| West Baton Rouge | LA | Orleans | LA | St. Mary | LA |
| Harrison | MS | St. Bernard | LA | Brazoria | TX |
| Aransas | TX | St. Charles | LA | Galveston | TX |
| Cameron | TX | St. James | LA | Harris | TX |
| Chambers | TX | Terrebonne | LA | Jefferson | TX |
| Fort Bend | TX | Vermilion | LA | | |
| Matagorda | TX | Jackson | MS | | |
| Montgomery | TX | Calhoun | TX | | |
| Orange | TX | Nueces | TX | | |
| | | San Patricio | TX | | |

Source: The Louis Berger Group, Inc. (2004)

Table III.A-27. Gulf of Mexico Employment in Tourism-Related Industries in 2002, by Economic Impact Area

| EIA | Total Mid-March Employees | Total Establishments | Establishments by Employment Size Class | | | |
|----------------------------|---------------------------------|-------------------------|--|--------------|--------------|----------------|
| | | | 1 to 9 | 10 to 49 | 50 to 249 | 250 or more |
| AL-1 | 4,1434 | 2,311 | 1,348 | 784 | 167 | 12 |
| MS-1 | 4,5952 | 1,643 | 920 | 594 | 110 | 19 |
| LA-1 | 2,2816 | 1,014 | 585 | 357 | 61 | 11 |
| LA-2 | 3,2767 | 1,839 | 1,089 | 624 | 116 | 10 |
| LA-3 | 6,8466 | 3,422 | 1,965 | 1,164 | 272 | 21 |
| LA-4 | 12,3008 | 5,295 | 3,102 | 1,665 | 478 | 50 |
| Louisiana EIA Total | 24,7057 | 11,570 | 6,741 | 3,810 | 927 | 92 |
| TX-1 | 7,8417 | 4,417 | 2,660 | 1,463 | 269 | 25 |
| TX-2 | 2,6857 | 1,842 | 1,169 | 572 | 96 | 5 |
| TX-3 | 33,5031 | 15,993 | 9,558 | 4,897 | 1,428 | 110 |
| Texas EIA Total | 44,0305 | 22,252 | 13,387 | 6,932 | 1,793 | 140 |
| FL-1 | 6,0024 | 3,161 | 1,921 | 966 | 256 | 18 |
| FL-2 | 3,4031 | 1,893 | 1,153 | 593 | 135 | 12 |
| FL-3 | 21,0695 | 10,241 | 6,438 | 2,731 | 1,006 | 66 |
| FL-4 | 40,4382 | 20,573 | 13,430 | 5,231 | 1,743 | 169 |
| Florida EIA Total | 70,9132 | 35,868 | 22,942 | 9,521 | 3,140 | 265 |

Source: U.S. Census Bureau (2002a)

Table III-28. Gulf of Mexico Employment in Tourism-Related Industries in 2002, by Labor Market Area

| LMA | Total Mid-March Employees | Total Establishments | Establishments by Employment Size Class | | | |
|--------------------------------|---------------------------------|-------------------------|--|-------------|--------------|----------------|
| | | | 1 to 9 | 10 to 49 | 50 to 249 | 250 or more |
| Mobile | 41,434 | 2,311 | 1,348 | 784 | 167 | 12 |
| Alabama State Total | 252,651 | 14,443 | 8,610 | 4,733 | 1,036 | 64 |
| | | | | | | |
| Biloxi-Gulfport | 45,952 | 1,643 | 920 | 594 | 110 | 19 |
| Mississippi State Total | 192,921 | 9,518 | 5,709 | 3,143 | 595 | 71 |
| | | | | | | |
| Lake Charles | 22,816 | 1,014 | 585 | 357 | 61 | 11 |
| Lafayette | 32,767 | 1,839 | 1,089 | 624 | 116 | 10 |
| Baton Rouge | 50,826 | 2,411 | 1,326 | 854 | 216 | 15 |
| Houma | 17,640 | 1,011 | 639 | 310 | 56 | 6 |
| New Orleans | 123,008 | 5,295 | 3,102 | 1,665 | 478 | 50 |
| Louisiana State Total | 318,616 | 15,221 | 8,911 | 5,022 | 1,175 | 113 |
| | | | | | | |
| Brownsville | 46,838 | 2,472 | 1,455 | 843 | 157 | 17 |
| Corpus Christi | 31,579 | 1,945 | 1,205 | 620 | 112 | 8 |
| Brazoria | 14,762 | 960 | 610 | 291 | 55 | 4 |
| Victoria | 12,095 | 882 | 559 | 281 | 41 | 1 |
| Beaumont-Port Arthur | 25,836 | 1,509 | 954 | 436 | 112 | 7 |
| Houston-Galveston | 309,195 | 14,484 | 8,604 | 4,461 | 1,316 | 103 |
| Texas State Total | 1,379,094 | 68,380 | 39,644 | 22,703 | 5,592 | 441 |
| | | | | | | |
| Panama City | 16,176 | 932 | 569 | 294 | 66 | 3 |
| Pensacola | 43,848 | 2,229 | 1,352 | 672 | 190 | 15 |
| Lake City | 6,901 | 498 | 348 | 126 | 22 | 2 |
| Tallahassee | 27,130 | 1,395 | 805 | 467 | 113 | 10 |
| Gainesville | 20,807 | 1,080 | 658 | 323 | 91 | 8 |
| Ocala | 19,913 | 1,128 | 736 | 292 | 96 | 4 |
| Tampa-St. Petersburg | 169,975 | 8,033 | 5,044 | 2,116 | 819 | 54 |
| Ft. Myers | 62,385 | 2,773 | 1,602 | 842 | 310 | 19 |
| Miami | 290,494 | 15,205 | 10,245 | 3,656 | 1,164 | 140 |
| Sarasota | 51,503 | 2,595 | 1,583 | 733 | 269 | 10 |
| Florida State Total | 1,227,526 | 58,002 | 36,503 | 15,672 | 5,376 | 451 |

Source: U.S. Census Bureau (2002a)

Table III-29. Hunting and Wildlife Watching in Gulf States by U.S. Residents

| Hunting | Alabama | Mississippi | Louisiana | Texas | Florida | Total |
|---------------------------------|----------------|--------------------|------------------|--------------|----------------|--------------|
| Total Participants | 423,000 | 357,000 | 333,000 | 1,201,000 | 226,000 | 2,540,000 |
| Resident | 307,000 | 245,000 | 295,000 | 1,100,000 | 191,000 | 2,138,000 |
| Nonresident | 116,000 | 111,000 | 38,000 | 100,000 | 35,000 | 400,000 |
| | | | | | | |
| Total Expenditures (\$ million) | \$663.6 | \$360.3 | \$446.2 | \$1,513.8 | \$394.2 | \$3,378.1 |
| Trip-related | \$195.9 | \$132.1 | \$120.7 | \$555.8 | \$120.0 | \$1,124.5 |
| Equipment & Other | \$467.7 | \$228.2 | \$325.5 | \$958.0 | \$274.3 | \$2,253.7 |
| | | | | | | |
| Wildlife Watching | Alabama | Mississippi | Louisiana | Texas | Florida | Total |
| Total Participants | 1,016,000 | 631,000 | 935,000 | 3,240,000 | 3,240,000 | 9,062,000 |
| Residential | 925,000 | 576,000 | 806,000 | 1,002,000 | 2,635,000 | 5,944,000 |
| Nonresidential | 276,000 | 131,000 | 314,000 | 2,930,000 | 1,503,000 | 5,154,000 |
| | | | | | | |
| Total Expenditures (\$ million) | \$626.4 | \$303.5 | \$168.4 | \$1,283.0 | \$1,575.5 | \$3,956.8 |
| Trip-related | \$79.5 | \$36.1 | \$55.4 | \$228.8 | \$675.4 | \$1,075.2 |
| Equipment & Other | \$546.9 | \$267.4 | \$113.0 | \$1,054.2 | \$900.1 | \$2,881.6 |

Source: FWS and U.S. Census Bureau (2001)

**Table III-30. 2003 Gulf of Mexico Marine Recreational Fisheries Statistics—
Number of Fishing Trips**

| State | | Number of Trips | % State Total |
|---------------------|--------------------------------------|------------------------|----------------------|
| Alabama | Shore Ocean (≤ 3 mi) | 407,097 | 27.1% |
| | Shore Inland | 180,405 | 12.0% |
| | Charter Ocean (≤ 3 mi) | 8,457 | 0.6% |
| | Charter Ocean (> 3 mi) | 54,233 | 3.6% |
| | Charter Inland | 3,874 | 0.3% |
| | Private/Rental Ocean (≤ 3 mi) | 265,688 | 17.7% |
| | Private/Rental Ocean (>3 mi) | 250,154 | 16.7% |
| | Private/Rental Inland | 330,082 | 22.0% |
| | Total | 1,499,990 | |
| West Florida | Shore Ocean (≤ 10 mi) | 2,809,906 | 17.6% |
| | Shore Inland | 3,481,135 | 21.7% |
| | Charter Ocean (≤ 10 mi) | 136,633 | 0.9% |
| | Charter Ocean (> 10 mi) | 273,038 | 1.7% |
| | Charter Inland | 86,539 | 0.5% |
| | Private/Rental Ocean (≤ 10 mi) | 3,165,002 | 19.8% |
| | Private/Rental Ocean (>10 mi) | 1,232,367 | 7.7% |
| | Private/Rental Inland | 4,824,355 | 30.1% |
| | Total | 16,008,975 | |
| Louisiana | Shore Ocean (≤ 3 mi) | 151,608 | 3.5% |
| | Shore Inland | 720,392 | 16.9% |
| | Charter Ocean (≤ 3 mi) | 6,973 | 0.2% |
| | Charter Ocean (> 3 mi) | 25,519 | 0.6% |
| | Charter Inland | 71,690 | 1.7% |
| | Private/Rental Ocean (≤ 3 mi) | 101,735 | 2.4% |
| | Private/Rental Ocean (>3 mi) | 87,895 | 2.1% |
| | Private/Rental Inland | 3,105,109 | 72.7% |
| | Total | 4,270,921 | |
| Mississippi | Shore Ocean (≤ 3 mi) | 24,025 | 2.0% |
| | Shore Inland | 404,762 | 33.7% |
| | Charter Ocean (≤ 3 mi) | 7,706 | 0.6% |
| | Charter Ocean (> 3 mi) | 6,265 | 0.5% |
| | Charter Inland | 10,345 | 0.9% |
| | Private/Rental Ocean (≤ 3 mi) | 2,608 | 0.2% |
| | Private/Rental Ocean (>3 mi) | 52,814 | 4.4% |
| | Private/Rental Inland | 692,198 | 57.6% |
| | Total | 1,200,723 | |

**Table III-30. 2003 Gulf of Mexico Marine Recreational Fisheries Statistics—
Number of Fishing Trips (Continued)**

| State | | Number of Trips | % State Total |
|-------------------|-------------------------------------|------------------------|----------------------|
| Gulf Total | Shore Ocean (≤ 3 mi) | 3,392,636 | 14.8% |
| | Shore Inland | 4,786,694 | 20.8% |
| | Charter Ocean (≤ 3 mi) | 159,769 | 0.7% |
| | Charter Ocean (> 3 mi) | 359,055 | 1.6% |
| | Charter Inland | 172,448 | 0.8% |
| | Private/Rental Ocean (≤ 3 mi) | 3,535,033 | 15.4% |
| | Private/Rental Ocean (>3 mi) | 1,623,230 | 7.1% |
| | Private/Rental Inland | 8,951,744 | 39.0% |
| | Total | 22,980,609 | |

Source: NMFS (2005)

Note: Texas conducts its own surveys.

Table III-31. 2003 Estimated Number of People Participating in Gulf of Mexico Marine Recreational Fishing

| | Coastal | Non-Coastal | Out-of-State | Total |
|-------------------|------------------|----------------|------------------|------------------|
| Alabama | 187,257 | 122,899 | 213,903 | 524,059 |
| West Florida | 1,965,124 | 0 | 2,317,524 | 4,282,648 |
| Louisiana | 726,741 | 79,422 | 204,406 | 1,010,569 |
| Mississippi | 159,459 | 53,209 | 48,328 | 260,996 |
| Gulf Total | 3,038,581 | 255,530 | 2,784,161 | 6,078,272 |

Source: NMFS (2005a)

Table III-32. 2003 Gulf of Mexico Marine Recreational Fishing—Top Species Caught

| Species | Number Fish | Inland (Number) | Ocean (Number) | Pounds | Inland (Pounds) | Ocean (Pounds) |
|-----------------------|-------------|-----------------|----------------|------------|-----------------|----------------|
| Black Drum | 1,523,614 | 1,348,578 | 175,036 | 2,857,730 | 2,554,785 | 302,945 |
| Dolphins | 650,531 | 0 | 650,531 | 2,530,872 | 0 | 2,530,872 |
| Gray Snapper | 6,073,935 | 3,551,826 | 2,522,109 | 1,893,108 | 488,321 | 1,404,784 |
| Great Amberjack | 346,069 | 1,697 | 344,372 | 2,416,947 | 686 | 2,416,261 |
| Herrings | 36,080,133 | 28,139,743 | 7,940,389 | 319,316 | 262,552 | 56,764 |
| King Mackerel | 398,234 | 3,166 | 395,068 | 2,763,371 | 14,892 | 2,748,479 |
| Mycteroperca Groupers | 4,021,740 | 907,897 | 3,113,843 | 3,529,371 | 138,793 | 3,390,576 |
| Pinfishes | 9,106,417 | 4,607,298 | 4,499,120 | 1,775,960 | 763,852 | 1,012,108 |
| Red Drum | 8,587,461 | 7,347,631 | 1,239,830 | 13,113,186 | 11,004,563 | 2,108,623 |
| Red Snapper | 2,934,322 | 14,991 | 2,919,330 | 3,921,340 | 7,310 | 3,914,031 |
| Saltwater Catfishes | 11,767,737 | 8,261,074 | 3,506,663 | 793,312 | 471,526 | 321,786 |
| Sand Seatrout | 4,062,981 | 3,579,486 | 483,495 | 1,556,192 | 1,377,009 | 179,183 |
| Sheepshead | 3,945,716 | 3,173,873 | 771,843 | 5,002,901 | 3,661,345 | 1,341,554 |
| Spotted Seatrout | 28,785,103 | 23,018,643 | 5,766,460 | 11,881,531 | 9,950,455 | 1,931,077 |

Source: NMFS (2005a)

Table III-33. Status and Occurrence of Alaska Marine Mammals

| Species | ESA Status ¹ | MMP A Status ² | Occurrence ³ | | | Stock Designations and Minimum Population Estimates ⁴ Relevant to Alaskan Waters |
|---|-------------------------|---------------------------|-------------------------|--------------|--------|---|
| | | | Arctic | South Alaska | Bering | |
| Baird's beaked whale (<i>Berardius bairdii</i>) | | | | X | X | Alaska = NA ⁵ |
| bearded seal (<i>Erignathus barbatus</i>) | | | X | | X | Alaska = NA |
| beluga whale— Cook Inlet stock (<i>Delphinapterus leucas</i>) | SOC | D | | X | | Cook Inlet = 359 |
| beluga whale—other Alaska stocks (<i>Delphinapterus leucas</i>) | | | X | | X | Bristol Bay = 1,619 Eastern Bering Sea = 14,898 Eastern Chukchi Sea = 3,710 Beaufort Sea = 35,453 |
| blue whale (<i>Balaenoptera musculus</i>) | E | D | X | | X | Eastern North Pacific = 1,384 |
| bowhead whale (<i>Balaenoptera mysticetus</i>) | E | D | X | | X | Western Arctic = 9,472 |
| California sea lion (<i>Zalophus californians</i>) | | | E | | | U.S. stock = 138,881 |
| Curvier's beaked whale (<i>Ziphius cavirostris</i>) | | | | X | | Alaska = NA |
| Dall's porpoise (<i>Phocoenoides dalli</i>) | | | | X | X | Alaska = 76,874 |
| fin whale (<i>Balaenoptera physalus</i>) | E | D | X | X | X | Northeast Pacific ⁶ = 5,703 |
| gray whale (<i>Eschrichtius robustus</i>) | R | | X | X | X | Eastern North Pacific = 24,447 |
| humpback whale (<i>Megaptera novaeangliae</i>) | E | D | X | X | X | Central North Pacific = 3,698 Alaska feeding aggregate = 868) Western North Pacific ⁷ = 367 |
| harbor porpoise (<i>Phocoena phocoena</i>) | | | X | X | X | Southeast Alaska = 8,954 Gulf of Alaska = 25,536 Bering Sea = 39,328 |
| harbor seal (<i>Phocoena phocoena</i>) | | | | X | X | Southeast Alaska = 35,266 Gulf of Alaska = 28,917 Bering Sea = 12,648 |
| killer whale—AT1 transient (<i>Orcinus orca</i>) | | D | | X | | AT1 transient = 8 |
| killer whale— other Alaska stocks (<i>Orcinus orca</i>) | | | | X | X | Alaska resident = 1,123 Northern resident = 216 Gulf of Alaska, Aleutian Islands, and Bering Sea transient = 314 West Coast transient = 314 Offshore = 361 |
| minke whale (<i>Balaenoptera acutorostrata</i>) | | | X | X | X | Alaska = NA |
| North Pacific right whale (<i>Eubalaena glacialis</i>) | E | D | | R | R | North Pacific = NA |
| northern sea otter— southwest stock (<i>Enhydra lutris</i>) | T | D | | X | | Southwest Alaska = 33,203 |
| northern sea otter—other stocks (<i>Enhydra lutris</i>) | | | | X | | Southcentral Alaska = 13,955 Southeast Alaska = 9,266 |

Table III-33. Status and Occurrence of Alaska Marine Mammals (Continued)

| Species | ESA Status ¹ | MMP A Status ² | Occurrence ³ | | | Stock Designations and Minimum Population Estimates ⁴ Relevant to Alaskan Waters |
|---|-------------------------|---------------------------|-------------------------|--------------|--------|---|
| | | | Arctic | South Alaska | Bering | |
| northern elephant seal (<i>Mirounga angustirostris</i>) | | | | X | | California breeding = 60,547 |
| northern fur seal (<i>Callorhinus ursinus</i>) | | D | | X | X | Eastern Pacific = 676,540 |
| northern right whale (<i>Eubalaena glacialis</i>) | | | | E | | California/Oregon/Washington = 16,417 |
| Pacific walrus (<i>Odobenus rosmarus divergens</i>) | | | X | | X | Alaska = NA |
| Pacific white-sided dolphin (<i>Lagenorhynchus obliquidens</i>) | | | | X | R | North Pacific = 26,880 |
| polar bear (<i>Ursus martimus</i>) | | | X | | X | Chukchi/Bering Seas = NA Southern Beaufort Sea = 1,973 |
| ribbon seal (<i>Phoca fasciata</i>) | | | X | | X | Alaska = NA |
| ringed seal (<i>Phoca hispida</i>) | | | X | | X | Alaska = NA |
| Risso's dolphin (<i>Grampus griseus</i>) | | | | E | | California/Oregon/Washington = 12,748 |
| sei whale (<i>Balaenoptera borealis</i>) | E | D | | X | X | Eastern North Pacific = 35 |
| short-finned pilot whale (<i>Globicephala macrorhynchus</i>) | | | | E | | California/Oregon/Washington = 149 |
| sperm whale (<i>Physeter macrocephalus</i>) | E | D | | X | X | California/Oregon/Washington = 858 |
| spotted seal (<i>Phoca largha</i>) | | | X | | X | Alaska = NA |
| Stejneger's beaked whale (<i>Mesoplodon stejnegeri</i>) | | | | X | X | Alaska = NA |
| Steller sea lion— eastern stock (<i>Eumetopias jubatus</i>) | T | D | | X | | Eastern = 43,728 |
| Steller sea lion— western stock (<i>Eumetopias jubatus</i>) | E | D | | X | X | Western = 38,513 |

¹ ESA status = endangered (E), threatened (T), species of concern (SOC), removed from listing (R).

² MMPA status = The term "depleted" (D) is used for any marine mammal species or population that is determined to be below its optimum sustainable population. This includes, but is not limited to, all marine mammal species and stocks listed under the ESA. In addition, all MMPA-depleted stocks are considered "strategic" in relation to managing their interactions with commercial fisheries.

³ Classifies occurrence of species within the Arctic, South Alaska and Bering as defined below. Categories are based partly on definitions contained in Wursig et al. (2000).

(X): regularly occurs in the region with varying degrees of abundance and distribution

(R): rarely present throughout the region and in such small numbers that it is seldom seen

(E): extralimital in distribution and only known on the basis of a few records that probably resulted from unusual wanderings of animals into the region

⁴ Minimum Population Estimates taken from the following NMFS Alaska and Pacific Region Stock Assessment reports: Angliss and Lodge, 2004 (Alaska) and Carretta et al., 2004 (Pacific)

⁵ NA= current abundance estimates are not available for these stocks.

⁶ Estimate for fin whale population west of the Kenai Peninsula only. No estimate is available for U.S. waters to the east of the Kenai Peninsula.

⁷ Angliss and Lodge (2004) note this to be a very conservative minimum population estimate.

Table III-34. Common Fish Found in Alaskan Waters

| Common Name | Scientific Name or Family |
|--|-------------------------------------|
| walleye pollock | <i>Theragra chalcogramma</i> |
| yellowfin sole | <i>Limanda aspera</i> |
| Greenland turbot | <i>Reinhardtius hippoglossoides</i> |
| Pacific halibut and flathead sole | <i>Hippoglossus</i> spp. |
| rock sole | <i>Pleuronectes bilineatus</i> |
| Dover sole | <i>Microstomus pacificus</i> |
| arrowtooth flounder | <i>Atheresthes stomias</i> |
| rex sole | <i>Glyptocephalus zachirus</i> |
| Pacific cod | <i>Gadus macrocephalus</i> |
| Alaska sablefish | <i>Anoplopoma fimbria</i> |
| sculpins | Cottidae |
| eelpouts | Zoarcidae |
| poachers | Agonidae |
| rattail | <i>Coryphaenoides cinereus</i> |
| rockfishes | <i>Sebastes</i> spp. |
| sand lance | <i>Ammodytes</i> sp. |
| lingcod | <i>Ophiodon elongatus</i> |
| herring | <i>Clupea</i> spp. |
| smelt (rainbow, eulachon and capelin) | Osmeridae |
| Northern anchovy | <i>Engrautis mordax</i> |
| salmon (coho, chum, sockeye and pink) | <i>Oncorhynchus</i> spp. |
| steelhead trout | <i>Oncorhynchus mykiss</i> |
| lamprey | <i>Lampetra</i> spp. |
| white sturgeon | <i>Acipenser transmontanus</i> |
| Arctic char | <i>Salvelinus alpinus</i> |
| pipefish | <i>Syngnathus leptorhynchus</i> |
| tuna and mackerels | Scombridae |
| jacks | Carangidae |
| greenlings | <i>Hexagrammos</i> spp. |
| pricklebacks | <i>Cebidichthys</i> spp. |
| chimeras | Chimaeridae |
| bristlemouths | <i>Gonostoma bathyphilum</i> |
| lanternfishes | <i>Myctophum punctatum</i> |
| rays | Mobulidae |
| skates | Rajidae |
| skarks (requiem, mackerel, basking, sleeper and dogfish) | Heterodontidae |