

**TABLE 1: ANNUAL IMPACT OF OPENING
RESTRICTED DRILLING AREAS**
(\$ BILLIONS ANNUALLY, UNLESS OTHERWISE SPECIFIED)

	SHORT-RUN	LONG-RUN
AVG. PROCEEDS FROM FEDERAL OIL AND GAS LEASING (CBO)	\$11.7	\$13.5
ANNUAL FEDERAL TAX REVENUES FROM INCREASED OFFSHORE ACTIVITY	\$24.1	\$85.5
TOTAL FEDERAL REVENUES	\$35.8	\$99.0
OUTPUT	\$126.9	\$449.9
WAGES	\$32.4	\$114.8
EMPLOYMENT (THOUSANDS OF JOBS)	552	1,957
STATE & LOCAL TAX REVENUES	\$10.3	\$35.5

SOURCE: CBO, POTENTIAL BUDGETARY EFFECTS OF IMMEDIATELY OPENING MOST FEDERAL LANDS TO OIL AND GAS LEASING, AUG. 2012, AT TABLE 1. CBO LONG-RUN IS THE AVERAGE OF THEIR 11 YEARS OF ESTIMATES.

NOTE: SHORT-RUN EFFECTS ARE THOSE PROVIDED ANNUALLY DURING THE FIRST YEARS OF THE INVESTMENT (PRE-PRODUCTION) PHASE - ESTIMATED TO BE 7 YEARS; LONG-RUN EFFECTS ARE THOSE PROVIDED ANNUALLY DURING THE PRODUCTION PHASE - ESTIMATED TO BE 30 YEARS. MY ANALYSIS ONLY INCLUDES AREAS DESIGNATED AS TEMPORARILY UNAVAILABLE BY THE CBO.

FIGURE 2: MMS 2011 RESERVE ESTIMATES CHANGE IN GEOLOGIC ASSESSMENT RESULTS OVER TIME

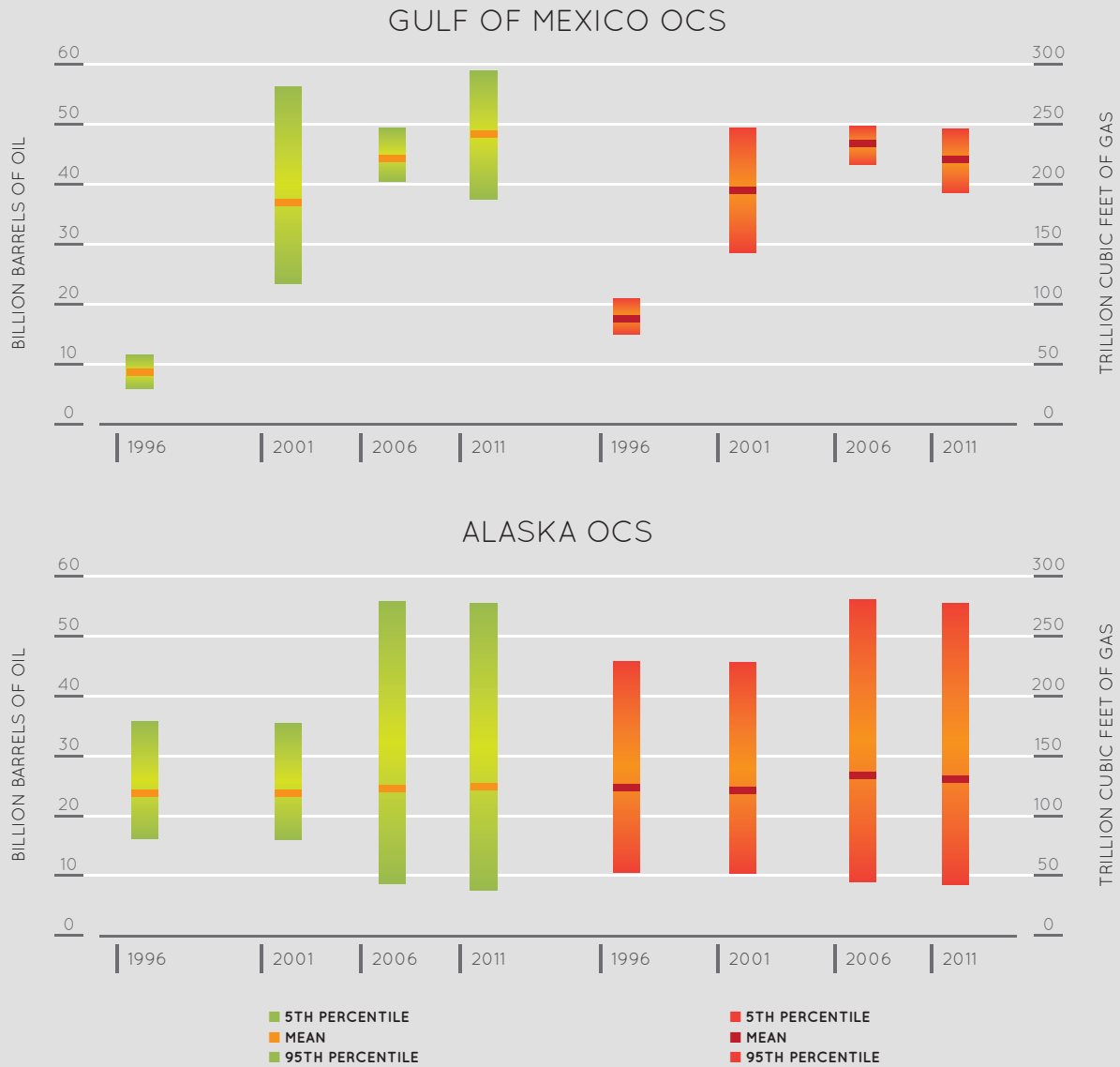


TABLE 2: INCREASED OUTPUT FROM OPENING FEDERAL LANDS
(\$ MILLIONS ANNUALLY)

REGION	SHORT-RUN	LONG-RUN
ATLANTIC OCS	\$7,588	\$32,647
EASTERN GULF	\$7,122	\$25,915
PACIFIC OCS	\$24,727	\$83,301
ANWR	\$17,747	\$57,611
TOTAL FROM REGIONAL ANALYSIS	\$57,184	\$199,474
NOTE: NON-ANWR/SPILLOVER EFFECTS	\$69,725	\$250,388
TOTAL U.S. (ONSHORE & OFFSHORE)	\$126,909	\$449,861

SOURCE: BUREAU OF ECONOMIC ANALYSIS; DEPARTMENT OF COMMERCE

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**TABLE 3: INCREASED EMPLOYMENT
FROM OPENING FEDERAL LANDS**

REGION	SHORT-RUN	LONG-RUN
ATLANTIC OCS	38,442	165,391
EASTERN GULF	32,333	117,647
PACIFIC OCS	101,417	341,662
ANWR	61,314	199,044
TOTAL FROM REGIONAL ANALYSIS	233,507	823,745
NOTE: NON-ANWR/SPILLOVER EFFECTS	318,661	1,133,560
TOTAL U.S. (ONSHORE & OFFSHORE)	552,168	1,957,305

SOURCE: BUREAU OF ECONOMIC ANALYSIS; DEPARTMENT OF COMMERCE

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**TABLE 4: INCREASED EMPLOYMENT FROM OPENING
FEDERAL LANDS, BY SECTOR**

	SHORT-RUN	LONG-RUN
MINING	109,541	388,296
HEALTH CARE AND SOCIAL ASSISTANCE	58,201	206,307
RETAIL TRADE	54,728	193,998
ACCOMMODATION AND FOOD SERVICES	37,811	134,030
REAL ESTATE AND RENTAL AND LEASING	37,530	133,034
PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	34,778	123,281
MANUFACTURING	32,430	114,955
ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES	32,361	114,711
FINANCE AND INSURANCE	29,270	103,755
OTHER SERVICES	27,950	99,076
TRANSPORTATION AND WAREHOUSING	19,584	69,421
WHOLESALE TRADE	16,175	57,337
EDUCATIONAL SERVICES	14,701	52,112
ARTS, ENTERTAINMENT, AND RECREATION	11,139	39,484
INFORMATION	9,527	33,771
MANAGEMENT OF COMPANIES AND ENTERPRISES	8,901	31,553
AGRICULTURE, FORESTRY, FISHING, AND HUNTING	8,477	30,050
CONSTRUCTION	3,531	12,516
HOUSEHOLDS	3,271	11,595
UTILITIES	2,258	8,006
TOTAL	552,163	1,957,286

SOURCE: BUREAU OF ECONOMIC ANALYSIS; DEPARTMENT OF COMMERCE

TABLE 5: WAGE GAINS FROM OPENING FEDERAL LANDS
(\$ MILLIONS ANNUALLY)

REGION	SHORT-RUN	LONG-RUN
ATLANTIC OCS	\$1,555	\$6,689
EASTERN GULF	\$1,430	\$5,204
PACIFIC OCS	\$5,129	\$17,281
ANWR	\$3,258	\$10,578
TOTAL FROM REGIONAL ANALYSIS	\$11,373	\$39,752
NOTE: NON-ANWR/SPILLOVER EFFECTS	\$21,014	\$75,053
TOTAL U.S. (ONSHORE & OFFSHORE)	\$32,387	\$114,805

SOURCE: BUREAU OF ECONOMIC ANALYSIS; DEPARTMENT OF COMMERCE

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**TABLE 6: ANNUAL GAINED TAX REVENUES
BY STATE FROM THE PROPOSAL**
(\$ MILLIONS ANNUALLY)

	SHORT-RUN	LONG-RUN
STATE & LOCAL TAXES (INDIVIDUAL)	\$5,869	\$19,757
MAINE	\$45	\$195
NEW HAMPSHIRE	\$1	\$5
MASSACHUSETTS	\$45	\$192
RHODE ISLAND	\$9	\$39
CONNECTICUT	\$15	\$66
NEW YORK	\$28	\$121
NEW JERSEY	\$35	\$151
DELAWARE	\$5	\$24
MARYLAND	\$7	\$31
VIRGINIA	\$20	\$87
NORTH CAROLINA	\$65	\$281
SOUTH CAROLINA	\$40	\$172
GEORGIA	\$19	\$80
FLORIDA	\$241	\$948
CALIFORNIA	\$1,111	\$3,744
OREGON	\$238	\$802
WASHINGTON	\$159	\$534
ALASKA	\$3,784	\$12,286
STATE & LOCAL TAXES (W/SPILLOVER AND NON-ANWR EFFECTS)	\$10,247	\$35,493
FEDERAL TAXES	\$24,113	\$85,474

SOURCE: BUREAU OF ECONOMIC ANALYSIS; DEPARTMENT OF COMMERCE; U.S. CENSUS BUREAU;
BUREAU OF ECONOMIC ANALYSIS

TABLE A1: BOE BY REGION (BASED ON FIGURE 1 OF CBO REPORT)
(VALUES IN BILLIONS)

	TOTAL BOE	OIL BOE	MCF
ALLOWABLE			
CENTRAL AND WESTERN GULF OCS	78	42	202
ALASKA OCS	28	28	0
ONSHORE	18	1	95
TEMPORARILY UNAVAILABLE			
EASTERN GULF OCS	8	6	11
ATLANTIC OCS	9	3	33
PACIFIC OCS	12	10	11
ONSHORE	10	5	28
UNAVAILABLE			
ANWR	8	8	0
ONSHORE	4	2	11

SOURCE: SOURCE: FIGURE 1 OF CBO REPORT

NOTES: 1,000 CUBIC FEET OF NATURAL GAS (1 MCF)=0.178 BOE

**TABLE A2: VALUE OF RESERVES AND INVESTMENT
BY REGION & STATE
(VALUES IN BILLIONS)**

REGION	STATE	LENGTH OF COASTLINE	% OF REGIONAL COASTLINE	OIL BOE BILLIONS OF BOE	GAS MCF	VALUE OF RESERVES (\$BILLIONS)
ATLANTIC	MAINE	228	11%	0.32	3.48	\$50.2
ATLANTIC	NEW HAMPSHIRE	13	1%	0.02	0.20	\$2.9
ATLANTIC	MASSACHUSETTS	192	9%	0.27	2.93	\$42.2
ATLANTIC	RHODE ISLAND	40	2%	0.06	0.61	\$8.8
ATLANTIC	CONNECTICUT	96	4%	0.13	1.46	\$21.1
ATLANTIC	NEW YORK	127	6%	0.18	1.94	\$27.9
ATLANTIC	NEW JERSEY	130	6%	0.18	1.98	\$28.6
ATLANTIC	DELAWARE	28	1%	0.04	0.43	\$6.2
ATLANTIC	MARYLAND	31	1%	0.04	0.47	\$6.8
ATLANTIC	VIRGINIA	112	5%	0.16	1.71	\$24.6
ATLANTIC	NORTH CAROLINA	301	14%	0.42	4.59	\$66.2
ATLANTIC	SOUTH CAROLINA	187	9%	0.26	2.85	\$41.1
ATLANTIC	GEORGIA	100	5%	0.14	1.52	\$22.0
ATLANTIC	FLORIDA	580	27%	0.80	8.84	\$127.6
EASTERN GULF	FLORIDA	770	100%	6.00	11.00	\$361.4
PACIFIC	CALIFORNIA	840	65%	6.50	7.15	\$695.6
PACIFIC	OREGON	296	23%	2.29	2.52	\$245.1
PACIFIC	WASHINGTON	157	12%	1.21	1.34	\$130.0
ANWR	ALASKA	-	100%	8.00	0.00	\$810.7
UNITED STATES ONSHORE & OFFSHORE				34.00	95.00	\$3,933.4

SOURCE: FIGURE 1 & TABLE 1 CBO ASSESSMENT.

NOTES: RESERVES FROM TABLE A1 ARE ALLOCATED TO STATES BASED ON SHARE OF COASTLINE. ONSHORE IS CAPTURED ONLY IN THE TOTAL U.S. THEN THESE RESERVES ARE CONVERTED TO \$ VALUES BY MULTIPLYING THEM BY THE CBO ESTIMATE FOR MCF PRICE - \$5.10 (BASED ON AVERAGE PRICE ESTIMATES FOR 2012-2022) AND OIL PRICE - 101.34 (BASED ON AVERAGE PRICE ESTIMATES FOR 2012-2022); INVESTMENT COSTS ARE ESTIMATED BY MULTIPLYING RESERVE ESTIMATES BY THE ESTIMATED \$ OF INVESTMENT PER MCF FROM THE TAHITI PROJECT - \$1.86/7=.02 AND \$10.44/7=\$1.49.

**TABLE A3: RIMS II 2010 OIL AND GAS EXTRACTION
MULTIPLIERS**

STATE	OUTPUT	EARNINGS	EMPLOYMENT
ALABAMA	1.5147	0.274000	8.9373
ALASKA	1.4874	0.273100	5.1389
CALIFORNIA	1.6915	0.359000	6.7674
CONNECTICUT	1.0000	0.300532	7.3216
DELAWARE	1.4953	0.279800	6.0210
FLORIDA	1.5008	0.301400	6.8132
GEORGIA	1.5599	0.305800	7.3216
ILLINOIS	1.6634	0.335700	9.7864
LOUISIANA	1.6453	0.318000	6.9802
MAINE	1.0000	0.300532	7.3216
MARYLAND	1.4906	0.290200	9.0325
MASSACHUSETTS	1.5289	0.287400	8.3572
MISSISSIPPI	1.5075	0.266900	7.7226
NEW HAMPSHIRE	1.0000	0.300532	7.3216
NEW JERSEY	1.5788	0.293700	8.5829
NEW YORK	1.4379	0.226500	6.4359
NORTH CAROLINA	1.5252	0.293500	6.5902
OREGON	1.5020	0.291200	6.4913
RHODE ISLAND	1.4834	0.290300	6.1671
SOUTH CAROLINA	1.5182	0.309600	7.1937
PENNSYLVANIA	1.7305	0.360100	8.5332
TEXAS	1.8373	0.389000	7.6448
VIRGINIA	1.5280	0.294300	9.1455
WASHINGTON	1.5281	0.312100	6.5555
UNITED STATES*	2.3938	0.610900	10.4152

SOURCE: SOURCE: FIGURE 1 OF CBO REPORT

NOTES: 1,000 CUBIC FEET OF NATURAL GAS (1 MCF)=0.178 BOE

* THIS DATA IS FROM 2006 FOR OIL AND GAS EXTRACTION BECAUSE THE BEA HAS CEASED PRODUCING NATIONWIDE MULTIPLIERS. THE MULTIPLIER SHOULD NONETHELESS BE RELATIVELY STABLE OVER TIME.

TABLE A4: RIMS II OIL & GAS EXTRACTION EMPLOYMENT MULTIPLIERS, BY INDUSTRY

INDUSTRY	EXTRACTION MULTIPLIER
MINING	2.0662
HEALTH CARE AND SOCIAL ASSISTANCE	1.0978
RETAIL TRADE	1.0323
ACCOMMODATION AND FOOD SERVICES	0.7132
REAL ESTATE AND RENTAL AND LEASING	0.7079
PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	0.6560
MANUFACTURING	0.6117
ADMINISTRATIVE AND WASTE MANAGEMENT SERVICES	0.6104
FINANCE AND INSURANCE	0.5521
OTHER SERVICES	0.5272
TRANSPORTATION AND WAREHOUSING	0.3694
WHOLESALE TRADE	0.3051
EDUCATIONAL SERVICES	0.2773
ARTS, ENTERTAINMENT, AND RECREATION	0.2101
INFORMATION	0.1797
MANAGEMENT OF COMPANIES AND ENTERPRISES	0.1679
AGRICULTURE, FORESTRY, FISHING, AND HUNTING	0.1599
CONSTRUCTION	0.0666
HOUSEHOLDS	0.0617
UTILITIES	0.0426
TOTAL	10.4151

SOURCE: BUREAU OF ECONOMIC ANALYSIS;

NOTES: THIS DATA IS OF 2006 BECAUSE THE BEA STOPPED PRODUCING U.S. LEVEL INDUSTRY EMPLOYMENT DATA. THE MULTIPLIERS HOWEVER ARE RELATIVELY STABLE OVER TIME.

TABLE A5: 2011 STATE TAX BURDEN

STATE	STATE AND LOCAL TAXES (\$2011)	GROSS STATE PRODUCT (\$ 2011)	TAX BURDEN (ESTIMATED)
ALABAMA	8,635,527,000	150,330,000,000	5.7%
ALASKA	9,532,624,000	44,702,000,000	21.3%
ARIZONA	12,247,616,000	227,098,000,000	5.4%
ARKANSAS	7,635,370,000	91,496,000,000	8.3%
CALIFORNIA	115,565,925,000	1,735,360,000,000	6.7%
COLORADO	9,589,681,000	234,308,000,000	4.1%
CONNECTICUT	13,177,045,000	201,386,000,000	6.5%
DELAWARE	3,079,166,000	57,293,000,000	5.4%
FLORIDA	34,120,038,000	661,091,000,000	5.2%
GEORGIA	17,850,125,000	365,809,000,000	4.9%
HAWAII	5,102,871,000	57,977,000,000	8.8%
IDAHO	3,529,196,000	51,463,000,000	6.9%
ILLINOIS	29,619,110,000	582,094,000,000	5.1%
INDIANA	15,246,515,000	240,933,000,000	6.3%
IOWA	6,653,147,000	128,597,000,000	5.2%
KANSAS	7,165,501,000	113,367,000,000	6.3%
KENTUCKY	10,112,843,000	141,266,000,000	7.2%
LOUISIANA	10,697,358,000	205,877,000,000	5.2%
MAINE	3,653,983,000	44,821,000,000	8.2%
MARYLAND	16,897,413,000	264,373,000,000	6.4%
MASSACHUSETTS	21,722,664,000	348,577,000,000	6.2%
MICHIGAN	25,292,388,000	337,427,000,000	7.5%
MINNESOTA	18,296,318,000	244,912,000,000	7.5%
MISSISSIPPI	6,626,204,000	84,272,000,000	7.9%
MISSOURI	10,941,653,000	216,099,000,000	5.1%
MONTANA	2,548,268,000	31,983,000,000	8.0%
NEBRASKA	4,143,035,000	79,889,000,000	5.2%
NEVADA	6,041,767,000	112,503,000,000	5.4%
NEW HAMPSHIRE	2,166,334,000	56,572,000,000	3.8%
NEW JERSEY	29,940,234,000	426,765,000,000	7.0%
NEW MEXICO	5,136,455,000	70,497,000,000	7.3%

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**TABLE A5: 2011 STATE TAX BURDEN
(CONTINUED)**

STATE	STATE AND LOCAL TAXES (\$2011)	GROSS STATE PRODUCT (\$ 2011)	TAX BURDEN (ESTIMATED)
NEW YORK	64,164,437,000	1,016,350,000,000	6.3%
NORTH CAROLINA	22,392,452,000	385,092,000,000	5.8%
NORTH DAKOTA	2,600,821,000	34,262,000,000	7.6%
OHIO	27,480,438,000	418,881,000,000	6.6%
OKLAHOMA	8,814,218,000	134,146,000,000	6.6%
OREGON	8,493,308,000	186,228,000,000	4.6%
PENNSYLVANIA	31,716,660,000	500,443,000,000	6.3%
RHODE ISLAND	2,729,507,000	43,663,000,000	6.3%
SOUTH CAROLINA	8,253,067,000	143,278,000,000	5.8%
SOUTH DAKOTA	1,348,017,000	34,443,000,000	3.9%
TENNESSEE	11,223,774,000	233,997,000,000	4.8%
TEXAS	44,919,866,000	1,149,908,000,000	3.9%
UTAH	5,798,868,000	108,329,000,000	5.4%
VERMONT	2,366,479,000	22,968,000,000	10.3%
VIRGINIA	18,093,846,000	375,747,000,000	4.8%
WASHINGTON	17,489,540,000	310,906,000,000	5.6%
WEST VIRGINIA	4,947,847,000	55,765,000,000	8.9%
WISCONSIN	15,009,179,000	221,741,000,000	6.8%
WYOMING	2,487,141,000	31,542,000,000	7.9%
WASHINGTON D.C.	5,390,557,000	91,643,000,000	5.9%
WTD AVG. (GSP)	778,686,396,000	13,108,469,000,000	5.9%

SOURCE: U.S. CENSUS BUREAU, BUREAU OF ECONOMIC ANALYSIS

TABLE A6: STATE LEVEL RESULTS
(\$ MILLIONS ANNUALLY, EXCEPT FOR EMPLOYMENT)

STATE	OUTPUT		EMPLOYMENT		WAGES		LOCAL & STATE TAXES	
	SHORT	LONG	SHORT	LONG	SHORT	LONG	SHORT	LONG
MAINE	\$557	\$2,396	4,078	17,544	\$167	\$720	\$45	\$195
NEW HAMPSHIRE	\$32	\$137	233	1,000	\$10	\$41	\$1	\$5
MASSACHUSETTS	\$717	\$3,085	3,920	16,863	\$135	\$580	\$45	\$192
RHODE ISLAND	\$145	\$624	603	2,593	\$28	\$122	\$9	\$39
CONNECTICUT	\$235	\$1,009	1,717	7,387	\$70	\$303	\$15	\$66
NEW YORK	\$446	\$1,919	1,997	8,590	\$70	\$302	\$28	\$121
NEW JERSEY	\$501	\$2,157	2,726	11,726	\$93	\$401	\$35	\$151
DELAWARE	\$102	\$440	412	1,772	\$19	\$82	\$5	\$24
MARYLAND	\$113	\$486	684	2,943	\$22	\$95	\$7	\$31
VIRGINIA	\$418	\$1,799	2,502	10,765	\$81	\$346	\$20	\$87
NORTH CAROLINA	\$1,121	\$4,825	4,846	20,847	\$216	\$928	\$65	\$281
SOUTH CAROLINA	\$694	\$2,984	3,286	14,138	\$141	\$608	\$40	\$172
GEORGIA	\$381	\$1,639	1,788	7,695	\$75	\$321	\$19	\$80
FLORIDA	\$2,126	\$9,148	9,653	41,530	\$427	\$1,837	\$110	\$472
FLORIDA	\$7,122	\$25,915	32,333	117,647	\$1,430	\$5,204	\$368	\$1,338
CALIFORNIA	\$16,687	\$56,218	66,763	224,917	\$3,542	\$11,932	\$1,111	\$3,744
OREGON	\$5,222	\$17,591	22,566	76,023	\$1,012	\$3,410	\$238	\$802
WASHINGTON	\$2,818	\$9,492	12,088	40,722	\$575	\$1,939	\$159	\$534
ALASKA	\$17,747	\$57,611	61,314	199,044	\$3,258	\$10,578	\$3,784	\$12,286
TOTAL FROM REGIONAL ANALYSIS	\$57,184	\$199,474	233,507	823,745	\$11,373	\$39,752	\$6,105	\$20,619
NOTE: NON-ANWR/ SPILLOVER EFFECTS	\$69,725	\$250,388	318,661	1,133,560	\$21,014	\$75,053	\$4,142	\$14,874
TOTAL U.S. (ONSHORE & OFFSHORE)	\$126,909	\$449,861	552,168	1,957,305	\$32,387	\$114,805	\$10,247	\$35,493