



America's New Energy Future:

The Unconventional Oil and Gas Revolution and
the US Economy

Volume 3: A Manufacturing Renaissance

*Appendix E. Economic Contribution Assessment –
Description of Contents and Example of Detailed Industry
Results*

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Appendix E. Economic Contribution Assessment – Description of Contents and Example of Detailed Industry Results

An Excel workbook containing the detailed economic contribution assessment results will serve as the complete detailed appendix of economic contributions, with results presented at the 3-digit level of the North American Industrial Classification System (NAICS).

For each 3-digit NAICS, industry employment, value added, and labor income by type (direct, indirect, and induced) are reported for the four census regions and United States from 2012 to 2025. Additionally, these results are presented separately for upstream energy, midstream and downstream energy, and energy-related chemicals.

Each NAICS industry is presented on a separate worksheet within the EXCEL workbook. Each worksheet, in turn, has 20 unique tables sorted by region (United States, South, Midwest, Northeast, West) then activity type (Upstream, Midstream and Downstream, Energy-Related Chemicals, Total).

What follows is a representative table, which displays the dimensions to be found in each of the tables in the complete electronic appendix.

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United States Economic Contribution Summary due to Upstream Energy Activity: Base Case														
Crop Production (NAICS 111)														
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Employment (Number of Workers)														
Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect	1,727	1,972	2,217	2,462	2,564	2,666	2,767	2,869	2,970	3,046	3,121	3,197	3,273	3,348
Induced	7,374	8,669	9,965	11,261	11,679	12,097	12,515	12,933	13,351	13,646	13,941	14,237	14,532	14,827
Total	9,100	10,641	12,183	13,724	14,243	14,763	15,282	15,802	16,322	16,692	17,063	17,434	17,804	18,175
Value Added (2012 \$M)														
Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect	99	114	129	143	149	155	161	167	173	177	181	186	190	195
Induced	519	611	702	794	823	853	883	912	942	963	984	1,004	1,025	1,046
Total	618	725	831	937	972	1,008	1,043	1,079	1,114	1,140	1,165	1,190	1,216	1,241
Labor Income (2012 \$M)														
Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect	37	43	48	53	55	57	60	62	64	66	67	69	71	72
Induced	181	212	243	275	285	295	305	316	326	333	341	348	355	362
Total	218	255	291	328	340	353	365	378	390	399	408	417	426	435

NOTES: Numbers may not sum due to rounding.

Source: IHS Economics