

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

Level: National and Regional Data;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Total United States											
311	Food	1	*	1	*	*	*	*	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	*	*	*	0	0	*
311221	Wet Corn Milling	*	*	*	*	*	0	0	0	0	0
31131	Sugar Manufacturing	*	*	*	*	0	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	*	*	*	*	*	*	0	0	0	*
3115	Dairy Products	*	*	*	*	*	*	0	0	0	*
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	*	0	0	0
312	Beverage and Tobacco Products	*	*	*	*	*	*	*	0	0	*
3121	Beverages	*	*	*	*	*	*	*	0	0	*
3122	Tobacco	*	*	*	*	*	*	*	0	0	0
313	Textile Mills	*	*	*	*	*	*	0	0	0	0
314	Textile Product Mills	*	*	*	0	*	0	0	0	0	0
315	Apparel	*	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	*	*	*	0	*	*	0	0	0	0
321	Wood Products	1	*	1	*	*	*	*	0	0	*
321113	Sawmills	*	*	*	*	*	*	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	*	0	0	0	*
321219	Reconstituted Wood Products	*	*	*	*	*	*	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	*	0	0	0	*
322	Paper	1	*	1	*	*	*	0	0	0	*
322110	Pulp Mills	*	*	*	*	*	*	0	0	0	0
322121	Paper Mills, except Newsprint	*	*	*	*	*	*	0	0	0	*
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	*	*	*	*	*	*	0	0	0	0
323	Printing and Related Support	*	*	*	*	*	0	0	0	0	0
324	Petroleum and Coal Products	7	1	5	*	2	*	*	0	0	*
324110	Petroleum Refineries	7	1	4	*	2	*	*	0	0	*
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	*	0	0	0
324199	Other Petroleum and Coal Products	*	*	*	0	0	*	0	0	0	0
325	Chemicals	2	*	1	*	*	*	*	0	0	*
325110	Petrochemicals	*	*	*	*	*	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	*	*	*	*	*	*	0	0	0	*
325182	Carbon Black	*	*	*	0	0	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	*	*	*	*	*	*	0	0	0	*
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	*	*	*	*	*	0	0	0	0
325199	Other Basic Organic Chemicals	*	*	*	*	*	*	0	0	0	*
325211	Plastics Materials and Resins	*	*	*	*	*	*	0	0	0	*
325212	Synthetic Rubber	*	*	*	*	0	*	0	0	0	0
325222	Noncellulosic Organic Fibers	*	*	*	*	*	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	*	*	*	*	0	0	0	0	0
325312	Phosphatic Fertilizers	*	*	*	*	0	0	0	0	0	*
3254	Pharmaceuticals and Medicines	*	*	*	*	*	*	0	0	0	*
325412	Pharmaceutical Preparation	*	*	*	*	*	*	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	*	0	0	0	0	0
326	Plastics and Rubber Products	1	*	*	*	*	*	0	0	0	0
327	Nonmetallic Mineral Products	1	*	*	*	*	*	*	0	0	*
327121	Brick and Structural Clay Tile	*	*	*	0	*	*	*	0	0	0
327211	Flat Glass	*	*	*	*	*	*	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	*	*	*	*	*	0	0	0	0
327213	Glass Containers	*	*	*	*	*	*	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	*	*	0	0	0	0
327310	Cements	*	*	*	*	*	*	0	0	0	0
327410	Lime	*	*	*	0	0	0	0	0	0	*
327420	Gypsum	*	*	*	*	*	*	0	0	0	0
327993	Mineral Wool	*	*	*	*	*	0	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

Level: National and Regional Data;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
331	Primary Metals	1	*	1	*	*	*	*	*	0	*
331111	Iron and Steel Mills	*	*	*	*	*	*	0	*	0	*
331112	Electrometallurgical Ferroalloy Products	*	*	*	0	*	*	0	0	0	*
3312	Steel Products from Purchased Steel	*	*	*	*	*	*	0	0	0	*
3313	Alumina and Aluminum	*	*	*	*	*	*	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	*	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	*	*	0	0	*	0	0	0	0
331316	Aluminum Extruded Products	*	*	*	*	*	*	0	0	0	*
3314	Nonferrous Metals, except Aluminum	*	*	*	*	*	*	*	0	0	0
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	*	*	*	*	0	*	0	0	0	0
3315	Foundries	*	*	*	*	*	*	0	0	0	*
331511	Iron Foundries	*	*	*	*	*	*	0	0	0	*
331521	Aluminum Die-Casting Foundries	*	*	*	*	*	0	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	*	0	0	0	*
332	Fabricated Metal Products	1	*	1	*	*	*	0	0	0	*
333	Machinery	1	*	*	*	*	*	*	0	0	*
334	Computer and Electronic Products	*	*	*	*	0	*	0	0	0	*
334413	Semiconductors and Related Devices	*	*	*	*	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	*	*	*	0	0	0	*
336	Transportation Equipment	1	*	1	*	*	*	0	0	0	*
336111	Automobiles	*	*	*	*	0	0	0	0	0	*
336112	Light Trucks and Utility Vehicles	*	*	*	*	*	0	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	*	0	0	0	*
336411	Aircraft	*	*	*	*	*	*	0	0	0	0
337	Furniture and Related Products	*	*	*	*	*	*	*	0	0	*
339	Miscellaneous	*	*	*	*	*	*	0	0	0	0
	Total	18	2	13	*	2	*	*	*	0	*

Northeast Census Region

311	Food	*	*	*	*	*	*	*	0	0	*
3112	Grain and Oilseed Milling	*	0	*	0	0	0	0	0	0	0
311221	Wet Corn Milling	*	0	*	0	0	0	0	0	0	0
31131	Sugar Manufacturing	0	0	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	*	*	*	*	0	*	0	0	0	0
3115	Dairy Products	*	*	*	*	0	0	0	0	0	*
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	*	0	0	0
312	Beverage and Tobacco Products	*	*	*	*	*	*	*	0	0	*
3121	Beverages	*	*	*	*	0	0	0	0	0	*
3122	Tobacco	*	*	*	*	*	*	*	0	0	0
313	Textile Mills	*	0	*	0	0	0	0	0	0	0
314	Textile Product Mills	*	0	*	0	0	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	*	*	0	*	*	0	0	0	0
321	Wood Products	*	*	*	*	*	*	*	0	0	0
321113	Sawmills	*	*	*	*	*	*	*	0	0	0
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	*	0	0	0	0
321219	Reconstituted Wood Products	*	*	*	0	*	*	0	0	0	0
3219	Other Wood Products	*	*	*	*	0	0	0	0	0	0
322	Paper	*	*	*	*	*	*	0	0	0	*
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	*	*	*	*	*	0	0	0	*
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	*	0	0	0	0	0	0	0
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	3	*	2	*	*	*	*	0	0	0
324110	Petroleum Refineries	3	*	2	*	*	0	*	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	*	0	*	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0

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Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)							
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)	
325	Chemicals	*	*	*	*	*	*	0	0	0	0	
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0	
325120	Industrial Gases	*	0	*	*	0	0	0	0	0	0	
325181	Alkalies and Chlorine	*	0	*	0	0	0	0	0	0	0	
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0	
325188	Other Basic Inorganic Chemicals	*	*	*	*	*	0	0	0	0	0	
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0	
325193	Ethyl Alcohol	*	0	*	0	0	0	0	0	0	0	
325199	Other Basic Organic Chemicals	*	*	*	*	0	*	0	0	0	0	
325211	Plastics Materials and Resins	*	*	*	*	*	*	0	0	0	0	
325212	Synthetic Rubber	*	0	*	0	0	0	0	0	0	0	
325222	Noncellulosic Organic Fibers	*	0	*	0	0	0	0	0	0	0	
325311	Nitrogenous Fertilizers	*	0	*	0	0	0	0	0	0	0	
325312	Phosphatic Fertilizers	*	*	*	*	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	*	0	*	0	0	0	0	0	0	0	
325412	Pharmaceutical Preparation	*	0	*	0	0	0	0	0	0	0	
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	*	0	0	0	0	0	0	0	
326	Plastics and Rubber Products	*	0	*	0	0	0	0	0	0	0	
327	Nonmetallic Mineral Products	*	*	*	*	*	*	*	0	0	0	
327121	Brick and Structural Clay Tile	*	*	*	0	*	*	*	0	0	0	
327211	Flat Glass	*	0	*	0	0	0	0	0	0	0	
327212	Other Pressed and Blown Glass and Glassware	*	*	*	*	0	0	0	0	0	0	
327213	Glass Containers	*	0	*	0	0	0	0	0	0	0	
327215	Glass Products from Purchased Glass	*	*	*	*	*	0	0	0	0	0	
327310	Cements	*	*	*	*	*	*	0	0	0	0	
327410	Lime	*	0	*	0	0	0	0	0	0	0	
327420	Gypsum	*	0	*	0	0	0	0	0	0	0	
327993	Mineral Wool	*	*	*	*	0	0	0	0	0	0	
331	Primary Metals	*	*	*	*	*	*	*	0	0	*	
331111	Iron and Steel Mills	*	*	*	*	*	0	0	0	0	0	
331112	Electrometallurgical Ferroalloy Products	*	*	*	0	*	*	0	0	0	*	
3312	Steel Products from Purchased Steel	*	*	*	*	*	0	0	0	0	*	
3313	Alumina and Aluminum	*	*	*	*	*	0	0	0	0	0	
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	*	0	0	0	0	0	0	
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	0	0	0	
331316	Aluminum Extruded Products	*	*	*	0	0	*	0	0	0	0	
3314	Nonferrous Metals, except Aluminum	*	*	*	*	0	0	*	0	0	0	
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	*	0	*	0	0	0	0	0	0	0	
3315	Foundries	*	*	*	*	*	*	*	0	0	*	
331511	Iron Foundries	*	*	*	*	*	*	0	0	0	0	
331521	Aluminum Die-Casting Foundries	*	0	*	0	0	0	0	0	0	0	
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	*	0	0	0	0	
332	Fabricated Metal Products	*	*	*	0	0	*	0	0	0	0	
333	Machinery	*	0	*	0	0	0	0	0	0	0	
334	Computer and Electronic Products	*	0	*	0	0	0	0	0	0	0	
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	0	0	0	
335	Electrical Equip., Appliances, and Components	*	0	*	0	0	0	0	0	0	0	
336	Transportation Equipment	*	*	*	*	*	*	0	0	0	0	
336111	Automobiles	*	0	*	0	0	0	0	0	0	0	
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0	0	
3364	Aerospace Product and Parts	*	*	*	*	*	0	0	0	0	0	
336411	Aircraft	*	*	*	*	0	*	0	0	0	0	
337	Furniture and Related Products	*	*	*	*	*	*	*	0	0	*	
339	Miscellaneous	*	*	*	*	*	*	0	0	0	0	
	Total	4	*	3	*	*	*	*	0	0	*	
Midwest Census Region												
311	Food	*	*	*	*	*	*	*	0	0	*	

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Row: NAICS Codes, Value of Shipments and Employment Sizes;
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NAICS Code(a)	Selected Subsectors and Industry	LPG				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3112	Grain and Oilseed Milling	*	*	*	*	*	*	*	0	0	*
311221	Wet Corn Milling	*	*	*	0	*	0	0	0	0	0
31131	Sugar Manufacturing	*	*	*	*	0	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	*	*	*	*	*	*	0	0	0	*
3115	Dairy Products	*	*	*	*	*	*	*	0	0	*
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	*	0	0	0
312	Beverage and Tobacco Products	*	*	*	*	0	0	0	0	0	0
3121	Beverages	*	*	*	*	0	0	0	0	0	0
3122	Tobacco	*	0	*	0	*	0	0	0	0	0
313	Textile Mills	*	*	*	*	*	0	0	0	0	0
314	Textile Product Mills	*	0	*	0	0	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	*	*	*	*	*	*	*	0	0	*
321113	Sawmills	*	*	*	*	*	*	*	0	0	*
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	*	0	0	0	*
321219	Reconstituted Wood Products	*	*	*	0	0	*	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	0	0	0	0	0
322	Paper	*	*	*	*	*	0	0	0	0	*
322110	Pulp Mills	*	*	*	0	*	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	*	*	*	*	0	0	0	0	*
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	*	0	0	0	0	0	0	0
323	Printing and Related Support	*	*	*	*	*	0	0	0	0	0
324	Petroleum and Coal Products	*	*	*	*	*	*	*	0	0	*
324110	Petroleum Refineries	*	*	*	*	*	*	*	0	0	*
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	1	*	*	*	*	*	0	0	0	*
325110	Petrochemicals	*	*	0	*	*	0	0	0	0	0
325120	Industrial Gases	0	0	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	*	*	*	*	0	0	0	0	0	*
325182	Carbon Black	*	*	*	0	0	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	*	*	*	*	0	*	0	0	0	0
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	*	*	0	*	*	0	0	0	0
325199	Other Basic Organic Chemicals	*	*	*	*	0	0	0	0	0	0
325211	Plastics Materials and Resins	*	0	*	0	0	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	0	*	0	0	0	0
325222	Noncellulosic Organic Fibers	*	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	0	*	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	*	*	0	0	0	*
325412	Pharmaceutical Preparation	*	*	*	*	*	*	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	0	0	0	0	0	0
326	Plastics and Rubber Products	*	*	*	*	*	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	0	0	0	*
327121	Brick and Structural Clay Tile	*	0	*	0	0	0	0	0	0	0
327211	Flat Glass	*	0	*	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	0	*	0	0	0	0	0	0	0
327213	Glass Containers	*	*	*	*	*	*	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	0	0	0	0	0	0
327310	Cements	*	*	*	0	*	0	0	0	0	0
327410	Lime	*	*	*	0	0	0	0	0	0	*
327420	Gypsum	*	0	*	0	0	0	0	0	0	0
327993	Mineral Wool	*	*	*	*	0	0	0	0	0	0
331	Primary Metals	*	*	*	*	*	*	*	*	0	*
331111	Iron and Steel Mills	*	*	*	*	*	*	0	*	0	*
331112	Electrometallurgical Ferroalloy Products	*	*	*	0	0	*	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	0	*	0	0	0	0	0

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		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3313	Alumina and Aluminum	*	*	*	*	*	*	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	*	*	*	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	*	*	*	*	*	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	*	*	*	0	*	0	0	0	0	0
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	*	0	*	0	0	0	0	0	0	0
3315	Foundries	*	*	*	*	*	*	0	0	0	*
331511	Iron Foundries	*	*	*	*	*	*	0	0	0	0
331521	Aluminum Die-Casting Foundries	*	*	*	*	*	0	0	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	*	0	0	0	0	0
332	Fabricated Metal Products	1	*	*	*	*	*	0	0	0	0
333	Machinery	*	*	*	*	*	*	0	0	0	0
334	Computer and Electronic Products	*	0	*	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	*	0	*	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	0	*	*	0	0	0	0
336	Transportation Equipment	*	*	*	*	*	*	0	0	0	*
336111	Automobiles	*	*	*	0	0	0	0	0	0	*
336112	Light Trucks and Utility Vehicles	*	0	*	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	0	0	*	0	0	0	0
336411	Aircraft	*	*	*	0	0	*	0	0	0	0
337	Furniture and Related Products	*	*	*	*	0	0	0	0	0	0
339	Miscellaneous	*	*	*	*	0	0	0	0	0	0
	Total	4	*	3	*	*	*	*	*	0	*
South Census Region											
311	Food	*	*	*	*	*	*	*	0	0	0
3112	Grain and Oilseed Milling	*	*	*	*	*	*	0	0	0	0
311221	Wet Corn Milling	*	0	*	0	0	0	0	0	0	0
31131	Sugar Manufacturing	*	0	*	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	*	*	*	*	*	0	0	0	0	0
3115	Dairy Products	*	*	*	*	*	*	0	0	0	0
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	*	0	0	0
312	Beverage and Tobacco Products	*	*	*	*	*	0	*	0	0	0
3121	Beverages	*	*	*	*	*	0	*	0	0	0
3122	Tobacco	*	*	*	*	*	0	0	0	0	0
313	Textile Mills	*	*	*	*	*	*	0	0	0	0
314	Textile Product Mills	*	*	*	0	*	0	0	0	0	0
315	Apparel	*	*	*	0	0	*	0	0	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	*	*	*	*	*	*	0	0	0	0
321113	Sawmills	*	*	*	*	*	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	*	0	0	0	0
321219	Reconstituted Wood Products	*	*	*	*	*	*	0	0	0	0
3219	Other Wood Products	*	*	*	*	*	*	0	0	0	0
322	Paper	*	*	*	*	*	*	0	0	0	0
322110	Pulp Mills	*	*	*	0	0	*	0	0	0	0
322121	Paper Mills, except Newsprint	*	0	*	0	0	0	0	0	0	0
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	*	*	*	*	*	*	0	0	0	0
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	1	*	*	*	*	*	*	0	0	0
324110	Petroleum Refineries	1	*	*	*	*	*	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	*	0	0	0
324199	Other Petroleum and Coal Products	*	*	*	0	0	*	0	0	0	0
325	Chemicals	1	*	*	*	*	*	0	0	0	*
325110	Petrochemicals	*	*	*	0	*	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	*	*	*	*	*	*	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

Level: National and Regional Data;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)							
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)	
325182	Carbon Black	*	0	*	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	*	*	*	*	*	*	0	0	0	0	*
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	*	*	*	*	*	0	0	0	0	0
325199	Other Basic Organic Chemicals	*	*	*	*	*	*	0	0	0	0	*
325211	Plastics Materials and Resins	*	*	*	*	*	*	0	0	0	0	*
325212	Synthetic Rubber	*	*	*	*	0	*	0	0	0	0	0
325222	Noncellulosic Organic Fibers	*	*	*	*	*	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	*	*	*	*	0	0	0	0	0	0
325312	Phosphatic Fertilizers	*	*	*	*	0	0	0	0	0	0	*
3254	Pharmaceuticals and Medicines	*	0	*	0	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	0	*	0	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	0	*	0	0	0	0	0	0	0	0
326	Plastics and Rubber Products	*	*	*	*	*	*	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	0	0	0	0	0
327121	Brick and Structural Clay Tile	*	*	*	0	*	0	0	0	0	0	0
327211	Flat Glass	*	*	*	0	*	*	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	*	*	0	*	0	0	0	0	0	0
327213	Glass Containers	*	*	*	0	*	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	*	*	0	0	0	0	0
327310	Cements	*	*	*	*	0	0	0	0	0	0	0
327410	Lime	*	0	*	0	0	0	0	0	0	0	0
327420	Gypsum	*	*	*	*	0	*	0	0	0	0	0
327993	Mineral Wool	*	*	*	0	*	0	0	0	0	0	0
331	Primary Metals	*	*	*	*	*	*	0	0	0	0	*
331111	Iron and Steel Mills	*	*	*	0	*	*	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	*	0	*	0	0	0	0	0
3313	Alumina and Aluminum	*	*	*	*	*	*	0	0	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	*	*	0	*	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	*	0	*	0	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	*	*	*	*	*	*	0	0	0	0	*
3314	Nonferrous Metals, except Aluminum	*	*	*	0	*	0	0	0	0	0	0
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	*	0	*	0	0	0	0	0	0	0	0
3315	Foundries	*	*	*	*	*	0	0	0	0	0	*
331511	Iron Foundries	*	*	*	*	*	0	0	0	0	0	*
331521	Aluminum Die-Casting Foundries	*	0	*	0	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	0	*	0	0	0	0	0	0	0	0
332	Fabricated Metal Products	1	*	1	*	*	*	0	0	0	0	*
333	Machinery	*	*	*	*	*	*	0	0	0	0	*
334	Computer and Electronic Products	*	*	*	*	0	0	0	0	0	0	0
334413	Semiconductors and Related Devices	*	*	*	*	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	*	*	*	*	0	0	0	0	0	*
336	Transportation Equipment	*	*	*	*	*	*	0	0	0	0	*
336111	Automobiles	*	0	*	0	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	*	*	*	0	0	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	0	0	0	0	0	*
336411	Aircraft	*	*	*	0	*	0	0	0	0	0	0
337	Furniture and Related Products	*	*	*	*	*	*	*	0	0	0	0
339	Miscellaneous	*	*	*	*	*	0	0	0	0	0	0
	Total	5	1	3	*	1	*	*	0	0	0	*
West Census Region												
311	Food	*	*	*	*	*	*	0	0	0	0	*
3112	Grain and Oilseed Milling	*	*	*	*	*	0	0	0	0	0	0
311221	Wet Corn Milling	*	*	*	*	0	0	0	0	0	0	0
31131	Sugar Manufacturing	*	0	*	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	*	*	*	*	*	*	0	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

**Level: National and Regional Data;
 Row: NAICS Codes, Value of Shipments and Employment Sizes;
 Column: Energy Sources;
 Unit: Million Barrels.**

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3115	Dairy Products	*	*	*	*	*	0	0	0	0	*
3116	Animal Slaughtering and Processing	*	*	*	*	*	*	0	0	0	0
312	Beverage and Tobacco Products	*	*	*	*	*	*	0	0	0	0
3121	Beverages	*	*	*	*	*	*	0	0	0	0
3122	Tobacco	*	0	0	0	0	0	0	0	0	0
313	Textile Mills	*	*	*	*	0	0	0	0	0	0
314	Textile Product Mills	*	*	*	0	*	0	0	0	0	0
315	Apparel	0	0	0	0	0	0	0	0	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	*	*	*	*	*	*	0	0	0	*
321113	Sawmills	*	*	*	*	*	*	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	*	*	*	*	*	*	0	0	0	0
321219	Reconstituted Wood Products	*	*	*	*	*	*	0	0	0	0
3219	Other Wood Products	*	*	*	*	0	0	0	0	0	*
322	Paper	*	*	*	*	*	0	0	0	0	0
322110	Pulp Mills	*	0	*	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	*	0	*	0	0	0	0	0	0	0
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	*	0	*	0	0	0	0	0	0	0
323	Printing and Related Support	*	0	*	0	0	0	0	0	0	0
324	Petroleum and Coal Products	3	1	2	*	1	*	0	0	0	0
324110	Petroleum Refineries	3	1	2	0	1	0	0	0	0	0
324121	Asphalt Paving Mixture and Block	*	*	*	*	*	*	0	0	0	0
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	*	*	*	*	*	0	0	0	0	*
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	0	0	0	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	*	0	*	0	0	0	0	0	0	0
325182	Carbon Black	*	0	*	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	*	*	*	*	*	0	0	0	0	*
325192	Cyclic Crudes and Intermediates	*	0	*	0	0	0	0	0	0	0
325193	Ethyl Alcohol	*	0	*	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	*	0	*	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	*	*	*	*	*	0	0	0	0	0
325212	Synthetic Rubber	*	0	*	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	*	*	*	*	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	0	*	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	*	*	*	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	*	*	*	*	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	0	*	0	0	0	0	0
326	Plastics and Rubber Products	*	*	*	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	*	*	*	*	*	*	0	0	0	0
327121	Brick and Structural Clay Tile	*	0	*	0	0	0	0	0	0	0
327211	Flat Glass	*	*	*	*	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	*	*	*	0	0	0	0	0	0
327213	Glass Containers	*	*	*	*	*	*	0	0	0	0
327215	Glass Products from Purchased Glass	*	*	*	*	*	*	0	0	0	0
327310	Cements	*	0	*	0	0	0	0	0	0	0
327410	Lime	*	0	*	0	0	0	0	0	0	0
327420	Gypsum	*	*	*	0	*	0	0	0	0	0
327993	Mineral Wool	*	*	*	*	0	0	0	0	0	0
331	Primary Metals	*	*	*	*	*	*	*	0	0	*
331111	Iron and Steel Mills	*	*	*	*	0	*	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	*	*	0	0	*	0	0	0	0
3313	Alumina and Aluminum	*	*	*	*	*	*	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	*	0	*	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	*	*	*	0	0	*	0	0	0	0
331316	Aluminum Extruded Products	*	*	*	*	*	0	0	0	0	0

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

Level: National and Regional Data;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3314	Nonferrous Metals, except Aluminum	*	*	*	*	*	*	*	0	0	0
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	*	*	*	*	0	*	0	0	0	0
3315	Foundries	*	*	*	*	*	*	0	0	0	*
331511	Iron Foundries	*	*	*	0	*	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	*	0	*	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	*	*	*	0	*	0	0	0	*
332	Fabricated Metal Products	*	*	*	*	*	*	0	0	0	*
333	Machinery	*	*	*	*	*	0	0	0	0	0
334	Computer and Electronic Products	*	*	*	*	0	*	0	0	0	*
334413	Semiconductors and Related Devices	*	*	*	*	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	*	0	*	0	0	0	0	0	0	0
336	Transportation Equipment	*	*	*	*	*	*	0	0	0	0
336111	Automobiles	*	*	*	*	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	*	*	*	*	*	*	0	0	0	0
336411	Aircraft	*	*	*	*	*	0	0	0	0	0
337	Furniture and Related Products	*	*	*	0	*	0	0	0	0	0
339	Miscellaneous	*	*	*	*	*	0	0	0	0	0
	Total	4	1	3	*	1	*	*	0	0	*
Economic Characteristic (f)											
Value of Shipments and Receipts (million dollars)											
	Under 20	4	*	3	*	*	*	*	0	0	*
	20-49	5	*	4	*	*	*	*	0	0	*
	50-99	1	*	1	*	*	*	*	0	0	*
	100-249	2	*	1	*	*	*	*	0	0	*
	250-499	1	*	1	*	*	*	*	0	0	*
	500 and Over	5	1	3	*	1	*	*	0	0	*
	Total	18	2	13	*	2	*	*	0	0	*
Employment Size											
	Under 50	5	*	5	*	*	*	*	0	0	*
	50-99	2	*	1	*	*	*	*	0	0	*
	100-249	4	*	3	*	*	*	*	0	0	*
	250-499	3	1	2	*	1	*	*	0	0	*
	500-999	2	*	1	*	*	*	0	0	0	*
	1000 and Over	2	*	1	*	*	*	*	0	0	*
	Total	18	2	13	*	2	*	*	0	0	*

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for LPG during 2010. The quantities are expressed in thousands of barrels, and therefore represent the quantity of LPG that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of LPG that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the

Table 10.12 Capability to Switch LPG to Alternative Energy Sources, 2010;

Level: National and Regional Data;

Row: NAICS Codes, Value of Shipments and Employment Sizes;

Column: Energy Sources;

Unit: Million Barrels.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze

switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of LPG.

(f) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2010 Annual Survey of Manufactures.'

RSE Table 10.12 Relative Standard Errors for Table 10.12;
Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
Total United States											
311	Food	13.0	21.1	15.4	25.5	23.3	39.3	49.1	X	X	25.6
3112	Grain and Oilseed Milling	25.9	65.3	19.1	17.4	71.1	12.2	0.0	X	X	0.0
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	16.8	32.4	19.3	35.5	28.6	6.4	X	X	X	56.2
3115	Dairy Products	16.3	55.9	0.6	27.5	36.6	58.7	X	X	X	17.2
3116	Animal Slaughtering and Processing	25.5	23.3	33.0	34.1	23.4	39.6	49.6	X	X	X
312	Beverage and Tobacco Products	11.7	25.7	12.7	38.2	24.0	34.0	0.0	X	X	35.6
3121	Beverages	12.3	26.7	13.3	38.8	27.2	38.9	0.0	X	X	35.6
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
313	Textile Mills	29.8	51.3	17.3	70.2	54.8	69.9	X	X	X	X
314	Textile Product Mills	74.8	80.4	34.7	X	80.4	X	X	X	X	X
315	Apparel	70.7	74.4	15.2	X	X	74.4	X	X	X	X
316	Leather and Allied Products	11.0	82.2	8.5	X	83.2	0.0	X	X	X	X
321	Wood Products	7.8	12.6	7.8	31.7	1.5	11.2	0.0	X	X	94.0
321113	Sawmills	11.6	24.4	13.0	50.8	1.4	27.1	0.0	X	X	45.2
3212	Veneer, Plywood, and Engineered Woods	2.5	2.5	2.7	18.2	1.7	5.6	X	X	X	74.1
321219	Reconstituted Wood Products	4.3	0.7	4.5	10.3	0.0	0.0	X	X	X	X
3219	Other Wood Products	13.2	47.6	13.0	61.0	2.7	78.9	X	X	X	98.2
322	Paper	7.1	37.5	7.5	43.5	72.8	0.0	X	X	X	0.0
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
323	Printing and Related Support	22.7	71.2	23.8	71.2	98.8	X	X	X	X	X
324	Petroleum and Coal Products	0.3	0.4	0.4	10.2	0.3	0.8	0.2	X	X	8.4
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
324121	Asphalt Paving Mixture and Block	9.2	74.4	9.3	60.8	83.5	12.2	45.2	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	X	0.0	X	X	X	X
325	Chemicals	21.6	31.4	11.6	37.1	46.9	46.9	X	X	X	64.1
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325120	Industrial Gases	75.1	X	75.1	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0
325182	Carbon Black	0.0	0.0	0.0	X	X	0.0	X	X	X	X
325188	Other Basic Inorganic Chemicals	17.8	21.5	22.7	35.4	32.2	61.0	X	X	X	61.9
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	27.6	57.5	10.5	0.0	57.9	0.0	X	X	X	X
325199	Other Basic Organic Chemicals	11.7	15.6	12.3	20.4	64.9	17.9	X	X	X	63.4
325211	Plastics Materials and Resins	9.4	59.8	5.3	32.0	61.3	45.5	X	X	X	80.8
325212	Synthetic Rubber	4.6	28.5	4.7	30.6	X	20.0	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
3254	Pharmaceuticals and Medicines	32.4	26.5	38.5	21.5	0.0	40.2	X	X	X	71.6
325412	Pharmaceutical Preparation	45.3	21.5	68.2	21.5	0.0	40.2	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	39.8	0.0	42.4	0.0	0.0	X	X	X	X	X
326	Plastics and Rubber Products	13.6	36.2	15.5	40.0	54.8	99.0	X	X	X	X
327	Nonmetallic Mineral Products	25.0	70.9	11.5	36.3	17.5	93.1	0.0	X	X	0.0
327121	Brick and Structural Clay Tile	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	18.8	19.9	19.6	21.1	0.0	0.0	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
327215	Glass Products from Purchased Glass	5.1	3.5	5.8	5.1	0.0	1.3	X	X	X	X
327310	Cements	7.6	0.0	7.7	0.0	0.0	0.0	0.0	X	X	X
327410	Lime	0.0	0.0	0.0	X	X	X	X	X	X	0.0
327420	Gypsum	1.7	3.7	1.8	0.0	81.2	0.0	X	X	X	X
327993	Mineral Wool	6.3	2.7	7.7	5.2	0.0	X	X	X	X	X
331	Primary Metals	2.6	4.8	2.8	8.1	6.9	1.5	55.7	0.0	X	1.8

RSE Table 10.12 Relative Standard Errors for Table 10.12;

Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)							
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)	
325120	Industrial Gases	86.1	X	86.1	X	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	X	0.0	X	X	X	X	X	X	X	X
325182	Carbon Black	X	X	X	X	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	20.6	0.0	0.5	0.0	0.0	X	X	X	X	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	7.2	0.0	7.8	0.0	X	0.0	X	X	X	X	X
325211	Plastics Materials and Resins	11.7	55.5	12.3	64.9	0.0	66.3	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	X	0.0	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	65.8	X	65.8	X	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	5.2	X	5.2	X	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	X	0.0	X	X	X	X	X	X	X	X
326	Plastics and Rubber Products	50.5	X	50.6	X	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	15.3	55.7	15.9	0.5	0.0	75.4	0.0	X	X	X	X
327121	Brick and Structural Clay Tile	0.0	0.0	0.0	X	0.0	0.0	0.0	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	27.2	0.0	28.2	0.0	X	X	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	11.0	12.7	11.3	12.7	0.0	X	X	X	X	X	X
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X	X
327420	Gypsum	0.0	X	0.0	X	X	X	X	X	X	X	X
327993	Mineral Wool	16.5	0.0	16.7	0.0	X	X	X	X	X	X	X
331	Primary Metals	10.8	7.7	11.7	14.0	0.1	1.5	60.3	X	X	X	0.3
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X	0.0
3312	Steel Products from Purchased Steel	14.0	0.0	14.7	X	X	X	X	X	X	X	0.0
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	0.0	0.0	0.0	X	X	0.0	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	30.8	77.7	29.6	81.6	X	X	94.3	X	X	X	X
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	0.0	X	0.0	X	X	X	X	X	X	X	X
3315	Foundries	5.5	1.6	6.7	0.0	0.1	2.4	0.0	X	X	X	44.6
331511	Iron Foundries	5.4	16.5	0.5	0.0	1.0	26.8	X	X	X	X	X
331521	Aluminum Die-Casting Foundries	0.0	X	0.0	X	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	26.4	0.0	27.1	0.0	0.0	0.0	X	X	X	X	X
332	Fabricated Metal Products	41.6	99.5	46.5	X	X	99.5	X	X	X	X	X
333	Machinery	37.6	X	40.2	X	X	X	X	X	X	X	X
334	Computer and Electronic Products	90.6	X	91.0	X	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	52.6	X	54.0	X	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	35.6	X	35.6	X	X	X	X	X	X	X	X
336	Transportation Equipment	9.7	52.8	7.5	0.0	67.9	0.0	X	X	X	X	X
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	3.4	52.8	3.3	0.0	67.9	0.0	X	X	X	X	X
336411	Aircraft	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X
337	Furniture and Related Products	32.5	65.0	36.3	86.1	99.0	99.0	98.8	X	X	X	99.0
339	Miscellaneous	52.9	99.0	70.5	99.0	99.0	99.0	X	X	X	X	X
	Total	2.4	12.2	2.5	27.8	9.1	16.3	46.2	X	X	X	35.0
Midwest Census Region												
311	Food	21.4	38.5	24.6	33.6	22.6	48.8	90.4	X	X	X	27.0
3112	Grain and Oilseed Milling	9.0	3.5	10.6	31.1	0.7	11.7	0.0	X	X	X	0.0
311221	Wet Corn Milling	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X

RSE Table 10.12 Relative Standard Errors for Table 10.12;
Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3114	Fruit and Vegetable Preserving and Specialty Foods	27.1	25.4	29.3	33.8	7.4	0.0	X	X	X	56.2
3115	Dairy Products	52.7	56.7	17.4	39.8	42.3	58.9	X	X	X	0.0
3116	Animal Slaughtering and Processing	49.1	47.6	51.7	95.8	53.9	0.0	97.1	X	X	X
312	Beverage and Tobacco Products	8.6	0.0	9.4	0.0	X	X	X	X	X	X
3121	Beverages	8.6	0.0	9.4	0.0	X	X	X	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	6.6	0.0	6.9	0.0	0.0	X	X	X	X	X
314	Textile Product Mills	69.7	X	69.7	X	X	X	X	X	X	X
315	Apparel	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	4.4	X	0.0	X	X	X	X	X	X	X
321	Wood Products	16.2	41.5	15.8	47.9	9.1	8.7	0.0	X	X	73.6
321113	Sawmills	11.2	16.8	13.4	19.4	3.7	0.0	0.0	X	X	45.2
3212	Veneer, Plywood, and Engineered Woods	12.7	21.6	8.9	35.0	64.4	11.4	X	X	X	74.1
321219	Reconstituted Wood Products	23.4	0.0	4.2	X	X	0.0	X	X	X	X
3219	Other Wood Products	21.8	67.4	21.1	67.4	0.0	X	X	X	X	X
322	Paper	18.6	30.9	20.4	0.0	40.8	X	X	X	X	0.0
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	27.1	71.2	27.7	71.2	98.8	X	X	X	X	X
324	Petroleum and Coal Products	2.2	2.7	3.2	12.2	1.9	0.1	0.0	X	X	8.4
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
324121	Asphalt Paving Mixture and Block	78.5	83.3	79.0	83.3	83.3	83.3	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	40.3	41.2	33.4	65.1	46.8	17.6	X	X	X	92.7
325110	Petrochemicals	0.0	0.0	X	0.0	0.0	X	X	X	X	X
325120	Industrial Gases	X	X	X	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325182	Carbon Black	0.0	0.0	0.0	X	X	0.0	X	X	X	X
325188	Other Basic Inorganic Chemicals	4.8	6.7	5.4	0.0	X	95.0	X	X	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	39.3	59.3	25.1	X	59.7	0.0	X	X	X	X
325199	Other Basic Organic Chemicals	1.2	0.0	0.9	0.0	X	X	X	X	X	X
325211	Plastics Materials and Resins	50.9	X	53.5	X	X	X	X	X	X	X
325212	Synthetic Rubber	10.0	34.3	5.7	34.3	X	30.4	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	15.6	45.9	36.7	6.7	0.0	40.2	X	X	X	71.6
325412	Pharmaceutical Preparation	0.2	6.7	0.1	6.7	0.0	40.2	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	X
326	Plastics and Rubber Products	21.0	44.3	24.4	48.2	68.4	X	X	X	X	X
327	Nonmetallic Mineral Products	15.3	26.4	16.4	0.0	69.6	0.0	X	X	X	0.0
327121	Brick and Structural Clay Tile	0.0	X	0.0	X	X	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.3	X	0.3	X	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
327215	Glass Products from Purchased Glass	1.7	0.0	1.9	0.0	X	X	X	X	X	X
327310	Cements	4.4	0.0	0.0	X	0.0	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	X	X	X	X	X	X	0.0
327420	Gypsum	7.3	X	7.3	X	X	X	X	X	X	X
327993	Mineral Wool	2.1	0.0	8.2	0.0	X	X	X	X	X	X
331	Primary Metals	7.4	10.8	1.8	15.0	17.3	0.0	0.0	0.0	X	1.9
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
331112	Electrometallurgical Ferroalloy Products	0.0	0.0	0.0	X	X	0.0	X	X	X	X
3312	Steel Products from Purchased Steel	21.8	68.1	27.1	X	68.1	X	X	X	X	X
3313	Alumina and Aluminum	1.4	0.0	1.4	0.0	0.0	0.0	0.0	X	X	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	3.0	0.0	3.0	0.0	0.0	X	X	X	X	X

**RSE Table 10.12 Relative Standard Errors for Table 10.12;
 Unit: Percents.**

NAICS Code(a)	Selected Subsectors and Industry	LPG				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
3314	Nonferrous Metals, except Aluminum	2.7	0.0	0.5	X	0.0	X	X	X	X	X
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	2.7	10.8	2.9	16.5	8.1	0.0	X	X	X	34.4
331511	Iron Foundries	4.6	29.3	4.4	51.2	13.4	0.0	X	X	X	X
331521	Aluminum Die-Casting Foundries	1.7	11.3	1.3	17.5	0.0	X	X	X	X	34.4
331524	Aluminum Foundries, except Die-Casting	4.0	0.9	6.5	4.5	0.0	X	X	X	X	X
332	Fabricated Metal Products	39.9	59.4	45.4	60.6	99.5	96.5	X	X	X	X
333	Machinery	24.7	54.8	29.6	65.9	63.9	99.0	X	X	X	X
334	Computer and Electronic Products	70.4	X	58.8	X	X	X	X	X	X	X
334413	Semiconductors and Related Devices	0.0	X	0.0	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	64.6	59.4	70.9	X	63.3	76.6	X	X	X	X
336	Transportation Equipment	30.4	64.3	34.8	79.6	86.0	67.2	X	X	X	98.9
336111	Automobiles	0.0	0.0	0.0	X	X	X	X	X	X	0.0
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	6.9	0.0	6.9	X	X	0.0	X	X	X	X
336411	Aircraft	0.0	0.0	0.0	X	X	0.0	X	X	X	X
337	Furniture and Related Products	24.1	82.9	26.1	82.9	X	X	X	X	X	X
339	Miscellaneous	30.7	90.5	32.8	90.5	X	X	X	X	X	X
	Total	11.4	16.1	10.1	30.0	11.1	27.0	64.0	0.0	X	21.4
South Census Region											
311	Food	26.4	36.9	29.2	32.3	44.0	55.3	61.5	X	X	X
3112	Grain and Oilseed Milling	60.4	89.4	62.9	27.4	96.3	30.3	X	X	X	X
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	19.0	65.0	20.4	59.4	95.8	X	X	X	X	X
3115	Dairy Products	15.5	31.6	18.4	31.6	35.7	35.7	X	X	X	X
3116	Animal Slaughtering and Processing	39.7	27.7	43.2	42.9	31.6	58.4	61.5	X	X	X
312	Beverage and Tobacco Products	10.2	22.4	11.6	9.7	48.6	X	0.0	X	X	X
3121	Beverages	12.3	25.0	14.0	9.8	61.6	X	0.0	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
313	Textile Mills	41.9	51.5	32.4	74.9	54.8	69.9	X	X	X	X
314	Textile Product Mills	39.9	80.7	46.4	X	80.7	X	X	X	X	X
315	Apparel	70.7	74.4	15.2	X	X	74.4	X	X	X	X
316	Leather and Allied Products	13.7	X	13.7	X	X	X	X	X	X	X
321	Wood Products	14.7	7.3	14.0	73.9	0.3	42.0	X	X	X	X
321113	Sawmills	27.5	88.0	29.7	91.4	0.0	92.9	X	X	X	X
3212	Veneer, Plywood, and Engineered Woods	3.2	0.8	4.0	39.9	0.0	0.0	X	X	X	X
321219	Reconstituted Wood Products	4.3	0.8	7.2	39.9	0.0	0.0	X	X	X	X
3219	Other Wood Products	28.1	48.4	28.7	81.1	7.2	78.9	X	X	X	X
322	Paper	11.0	76.0	10.1	79.3	0.0	0.0	X	X	X	X
322110	Pulp Mills	0.0	0.0	0.0	X	X	0.0	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	X	0.0	X	X	X	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
323	Printing and Related Support	27.9	X	29.0	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.5	1.5	1.5	0.0	1.1	4.7	45.2	X	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
324121	Asphalt Paving Mixture and Block	21.7	85.5	15.5	0.0	86.7	45.2	45.2	X	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	X	0.0	X	X	X	X
325	Chemicals	4.5	47.0	5.5	42.3	56.2	50.3	X	X	X	72.6
325110	Petrochemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325120	Industrial Gases	93.7	X	93.7	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
325182	Carbon Black	0.0	X	0.0	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	33.2	38.2	39.2	61.1	50.3	62.4	X	X	X	77.1
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
325199	Other Basic Organic Chemicals	44.9	23.6	53.5	56.9	64.9	26.2	X	X	X	63.4

RSE Table 10.12 Relative Standard Errors for Table 10.12;
Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG				Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
325211	Plastics Materials and Resins	7.9	61.4	2.8	29.5	62.3	48.1	X	X	X	80.8
325212	Synthetic Rubber	5.8	24.9	5.9	40.9	X	0.0	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
3254	Pharmaceuticals and Medicines	49.8	X	53.9	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	66.6	X	79.0	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	68.6	X	72.4	X	X	X	X	X	X	X
326	Plastics and Rubber Products	24.4	57.9	25.4	60.0	85.7	99.0	X	X	X	X
327	Nonmetallic Mineral Products	16.5	17.2	21.7	72.9	18.8	0.0	X	X	X	X
327121	Brick and Structural Clay Tile	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.3	0.0	0.4	X	0.0	0.0	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327215	Glass Products from Purchased Glass	11.0	8.3	12.5	22.8	0.0	0.0	X	X	X	X
327310	Cements	14.5	0.0	15.1	0.0	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
327993	Mineral Wool	15.5	0.0	21.1	X	0.0	X	X	X	X	X
331	Primary Metals	5.6	6.2	7.7	33.6	0.0	0.0	X	X	X	8.7
331111	Iron and Steel Mills	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	X	X	X	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	21.0	0.0	21.1	0.0	X	X	X	X	X	X
3313	Alumina and Aluminum	0.4	0.0	0.7	0.0	0.0	0.0	X	X	X	0.0
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	X	0.0	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	5.6	0.0	7.2	0.0	0.0	0.0	X	X	X	0.0
3314	Nonferrous Metals, except Aluminum	21.0	0.0	24.3	X	0.0	X	X	X	X	X
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	22.8	38.3	23.8	58.8	0.0	X	X	X	X	62.5
331511	Iron Foundries	44.5	6.7	45.7	0.0	0.0	X	X	X	X	62.5
331521	Aluminum Die-Casting Foundries	2.9	X	3.0	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	0.5	X	0.5	X	X	X	X	X	X	X
332	Fabricated Metal Products	28.3	77.9	31.4	69.5	99.5	95.7	X	X	X	99.5
333	Machinery	22.2	43.5	25.1	59.3	55.9	96.6	X	X	X	94.8
334	Computer and Electronic Products	26.7	67.4	26.8	67.4	X	X	X	X	X	X
334413	Semiconductors and Related Devices	0.5	67.4	0.0	67.4	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	24.7	58.6	25.5	84.0	95.9	X	X	X	X	78.2
336	Transportation Equipment	27.6	34.8	32.6	5.0	39.6	92.8	X	X	X	37.4
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	31.5	2.7	35.7	75.1	0.0	X	X	X	X	37.4
336411	Aircraft	2.0	0.0	2.8	X	0.0	X	X	X	X	X
337	Furniture and Related Products	23.8	55.2	28.8	91.0	57.5	94.1	94.1	X	X	X
339	Miscellaneous	66.0	55.4	75.5	72.2	56.2	X	X	X	X	X
	Total	4.8	8.4	7.0	25.7	6.1	47.1	54.8	X	X	65.3
West Census Region											
311	Food	30.0	45.5	32.8	47.6	40.0	53.7	X	X	X	50.3
3112	Grain and Oilseed Milling	9.2	0.0	9.5	0.0	0.0	X	X	X	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	32.8	55.1	40.3	56.6	44.3	22.0	X	X	X	X
3115	Dairy Products	0.3	19.5	0.3	19.5	0.0	X	X	X	X	50.3
3116	Animal Slaughtering and Processing	31.3	79.6	31.3	88.5	2.4	93.0	X	X	X	X
312	Beverage and Tobacco Products	22.7	18.6	24.0	94.7	21.6	38.9	X	X	X	X
3121	Beverages	22.7	18.6	24.0	94.7	21.6	38.9	X	X	X	X
3122	Tobacco	0.0	X	X	X	X	X	X	X	X	X
313	Textile Mills	26.0	0.0	28.7	0.0	X	X	X	X	X	X

RSE Table 10.12 Relative Standard Errors for Table 10.12;

Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)							
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)	
314	Textile Product Mills	98.5	99.4	99.4	X	99.4	X	X	X	X	X	X
315	Apparel	X	X	X	X	X	X	X	X	X	X	X
316	Leather and Allied Products	45.8	X	82.6	X	X	X	X	X	X	X	X
321	Wood Products	14.0	33.4	15.2	21.4	0.0	4.1	X	X	X	X	98.2
321113	Sawmills	11.0	0.0	11.1	0.0	0.0	0.0	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Woods	3.2	2.5	3.6	0.0	0.0	4.2	X	X	X	X	X
321219	Reconstituted Wood Products	3.0	0.0	3.5	0.0	0.0	0.0	X	X	X	X	X
3219	Other Wood Products	22.9	91.3	23.9	83.0	X	X	X	X	X	X	98.2
322	Paper	23.5	80.4	24.1	20.2	97.2	X	X	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	X	0.0	X	X	X	X	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X	X
323	Printing and Related Support	42.3	X	42.3	X	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.3	0.1	0.6	20.8	0.1	46.5	X	X	X	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X
324121	Asphalt Paving Mixture and Block	7.1	20.8	7.2	20.8	20.8	X	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X	X
325	Chemicals	9.4	75.7	7.3	91.6	22.7	X	X	X	X	X	89.6
325110	Petrochemicals	X	X	X	X	X	X	X	X	X	X	X
325120	Industrial Gases	X	X	X	X	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	X	0.0	X	X	X	X	X	X	X	X
325182	Carbon Black	0.0	X	0.0	X	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	6.0	30.3	3.9	0.0	35.8	X	X	X	X	X	89.6
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	19.2	X	19.3	X	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	11.6	1.5	11.9	32.4	0.0	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	9.3	28.5	9.9	28.5	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	12.5	28.5	16.3	28.5	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X
326	Plastics and Rubber Products	30.4	98.8	36.6	98.8	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	57.2	91.2	31.5	55.4	5.7	96.8	X	X	X	X	X
327121	Brick and Structural Clay Tile	0.0	X	0.0	X	X	X	X	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	27.3	79.1	0.1	79.1	X	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
327215	Glass Products from Purchased Glass	4.1	0.9	9.4	0.0	0.0	41.5	X	X	X	X	X
327310	Cements	22.3	X	22.6	X	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X	X
327420	Gypsum	2.9	81.2	3.2	X	81.2	X	X	X	X	X	X
327993	Mineral Wool	5.1	14.3	7.3	14.3	X	X	X	X	X	X	X
331	Primary Metals	1.5	4.8	0.9	0.0	24.3	7.2	0.0	X	X	X	0.0
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	X	X	X	X	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	8.0	0.0	8.4	X	X	0.0	X	X	X	X	X
3313	Alumina and Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	X	X	0.0	X	X	X	X	X
331316	Aluminum Extruded Products	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	3.6	0.3	0.6	0.0	0.0	0.4	0.0	X	X	X	X
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Al	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X	X
3315	Foundries	2.2	7.5	2.3	0.0	29.3	26.8	X	X	X	X	0.0
331511	Iron Foundries	6.3	0.0	6.8	X	0.0	X	X	X	X	X	X
331521	Aluminum Die-Casting Foundries	0.0	X	0.0	X	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.1	0.0	4.8	0.0	X	0.0	X	X	X	X	0.0
332	Fabricated Metal Products	43.5	55.7	55.0	99.5	99.5	98.5	X	X	X	X	77.8

RSE Table 10.12 Relative Standard Errors for Table 10.12;
Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze	Other(e)
333	Machinery	42.9	93.1	48.4	93.1	93.1	X	X	X	X	X
334	Computer and Electronic Products	92.7	71.7	93.0	0.0	X	97.7	X	X	X	97.7
334413	Semiconductors and Related Devices	33.1	0.0	34.0	0.0	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	60.6	X	70.9	X	X	X	X	X	X	X
336	Transportation Equipment	28.2	6.0	31.8	0.0	0.0	80.9	X	X	X	X
336111	Automobiles	0.0	0.0	0.0	0.0	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	38.9	6.0	42.6	0.0	0.0	80.9	X	X	X	X
336411	Aircraft	0.6	0.0	0.6	0.0	0.0	X	X	X	X	X
337	Furniture and Related Products	70.6	70.0	77.6	X	70.0	X	X	X	X	X
339	Miscellaneous	39.2	83.2	42.8	74.6	79.3	X	X	X	X	X
	Total	5.4	12.3	4.8	28.7	1.3	88.0	0.0	X	X	66.5
Economic Characteristic (f)											
Value of Shipments and Receipts (million dollars)											
	Under 20	8.6	44.3	8.6	22.7	22.4	78.5	44.5	0.0	X	55.8
	20-49	6.7	26.3	7.0	30.1	34.9	43.9	57.2	X	X	28.4
	50-99	10.1	16.1	11.8	33.2	18.8	24.4	70.9	X	X	34.3
	100-249	12.8	34.1	6.9	52.4	25.5	53.8	0.0	X	X	82.0
	250-499	9.0	16.9	10.5	41.4	19.9	39.8	60.2	X	X	61.2
	500 and Over	6.2	0.4	2.1	20.9	0.1	1.3	0.0	X	X	0.0
	Total	3.4	7.2	3.2	16.6	2.4	42.5	33.9	0.0	X	26.2
Employment Size											
	Under 50	5.1	55.0	4.9	25.3	26.8	86.8	48.0	0.0	X	53.0
	50-99	14.9	16.4	13.6	29.6	18.3	35.2	0.0	X	X	74.8
	100-249	5.5	19.8	5.8	37.3	12.0	54.5	66.9	X	X	48.4
	250-499	6.5	1.5	12.8	14.4	1.5	8.5	15.4	X	X	0.3
	500-999	6.4	5.1	9.2	35.6	4.3	61.0	X	X	X	77.8
	1000 and Over	21.4	26.1	3.9	48.8	12.6	49.5	61.5	X	X	0.0
	Total	3.4	7.2	3.2	16.6	2.4	42.5	33.9	0.0	X	26.2

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for LPG during 2010. The quantities are expressed in thousands of barrels, and therefore represent the quantity of LPG that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of LPG that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of LPG.

(f) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

Released: July 2013

Next MECS will be fielded in 2015

RSE Table 10.12 Relative Standard Errors for Table 10.12;

Unit: Percents.

NAICS Code(a)	Selected Subsectors and Industry	LPG			Alternative Energy Sources(b)					
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	Coal Coke and Breeze

NA=Not available.

X=Not defined because RSE corresponds to a value of zero.

Notes: Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2010 Annual Survey of Manufactures.'