Released: February 2018

Next MECS will be fielded in 2019

Table 10.3 Number of Establishments with Capability to Switch Natural Gas to Alternative Energy Sources, 2014;

- Level: National Data; Row: NAICS Codes; Column: Energy Sources;

Unit	Establishment Counts.	
Unit.	Establishment counts.	

NACS Subsector and Industry Total Not Electricity Distillate Receiptive 311 Food 10.179 997 7,653 291 417 3112 Grain and Oliseed Milling 513 126 369 0 553 311221 Wet Corn Milling 41 9 7 50 0 450 311221 Wet Corn Milling 43 9 90 W W3 311221 Wet Corn Milling 60 7 50 0 W 31131 Sugar Manufacturing 60 7 50 0 W 31135 Dairy Product 795 147 639 11 90 3116 Animal Staughtering and Processing 1,347 189 10,48 Q 76 3121 Beverages 1,098 72 W 85 344 W 122 Tobacco 60 20 44 W 122 1583 W <td< th=""><th>Residual Fuel Oil</th><th>Coal</th><th>HGL (excluding natural gasoline)</th><th>Coal Coke and Breeze</th><th>Other(f)</th></td<>	Residual Fuel Oil	Coal	HGL (excluding natural gasoline)	Coal Coke and Breeze	Other(f)
311 Food 10,179 997 7,653 291 417 3112 Grain and Oliseed Milling 513 126 369 Q 54 311221 Wet Corn Milling 44 9 39 W W 31131 Sugar Manufacturing 60 7 50 0 W 3114 Fruit and Vegetable Preserving and Specialty Food 795 147 633 11 30 3115 Dairy Product 795 147 639 11 90 3116 Animal Slaughtering and Processing 1,137 189 1,048 Q 76 312 Beverage and Tobacco Products 1,157 97 933 W 26 3121 Beverage and Tobacco Products 1,1074 Q 1,648 W 12 3132 Tobacco 60 20 44 W 12 314 Textile Product Mills 2,512 Q 1,583 W 27 <td< th=""><th></th><th></th><th></th><th></th><th></th></td<>					
3112 Grain and Oilseed Milling 513 126 369 Q 54 311221 Wet Corn Milling 60 7 50 0 W 31131 Sugar Manufacturing 750 750 0 W 3114 Fruit and Vegetable Preserving and Specialty Food 792 104 681 Q 973 3115 Dairy Product 795 147 639 11 990 3116 Animal Slaughtering and Processing 1,157 97 933 W 26 3121 Beverage and Tobacco Products 1,088 76 889 0 144 3122 Tobaco 60 20 44 W 122 313 Textile Mills 98 165 722 W 85 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Alled Products 3,507 505 2,563 166 Q 32111 <th></th> <th></th> <th></th> <th></th> <th></th>					
31121 Wet Corn Milling 44 9 39 W W 31131 Sugar Manufacturing 60 7 50 0 W 3114 Fruit and Vegetable Preserving and Specialty Food 792 104 681 Q 37 3115 Dairy Product 795 147 639 11 90 3116 Animal Slaughtering and Processing 1,137 79 933 W 26 3121 Beverages and Tobacco Products 1,157 77 933 W 26 3121 Tobacco 60 20 44 W 12 3131 Textile Product Mills 2,512 Q 1,583 W 27 314 Textile Product Mills 2,512 Q 1,583 W W 312 Wood Products 3,507 505 2,563 166 Q 32113 Sawmilis 2,244 376 1,826 97 W 3212		6		w	107
Sugar Manufacturing 60 7 50 0 W 3114 Fruit and Vegetable Preserving and Specialty Food 792 104 681 Q 37 3115 Dairy Product 795 147 639 11 90 3116 Animal Slaughtering and Processing 1,347 189 1,048 Q 76 3121 Beverage and Tobacco Products 1,157 97 933 W 26 3121 Beverages 1,078 76 889 0 14 3122 Tobacco 60 20 44 W 12 313 Textile Mills 908 165 722 W 85 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Alled Products 283 8 257 6 0 3211 Wood Products <td< td=""><td></td><td>W</td><td></td><td>0</td><td>Q</td></td<>		W		0	Q
3114 Fruit and Vegetable Preserving and Specialty Food 792 104 681 Q 737 3115 Dairy Product 795 147 639 11 900 3116 Animal Slaughtering and Processing 1,47 189 1,048 Q 76 312 Beverage and Tobacco Products 1,157 77 933 W 26 3121 Beverage and Tobacco 60 20 44 W 122 313 Textile Milis 908 165 722 W 85 314 Textile Product Milis 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Allied Products 3,507 505 2,563 166 Q 32113 Savmilis 3,507 505 2,563 166 Q 321219 Reconstituted Wood Products 129 13 121 W W	7	0		0	0
Aina Slaughtering and Processing 1,347 189 1,048 Q 76 312 Beverage and Tobacco Products 1,157 97 933 W 26 3121 Beverage and Tobacco 60 20 44 W 121 313 Textile Mills 908 165 722 W 88 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Alled Products 283 8 257 6 0 3211 Wonde Products 3,507 505 2,563 166 Q 3212 Veneer, Phywod, and Engineered Woods 480 91 405 Q W 3212 Reconstituted Wood Products 2,762 262 2,278 10 74 32110 Pulp Mills 23 11 20 0 74 32210 Paperboard M	21	w		w	w
Beverage and Tobacco Products 1,157 97 933 W 66 3121 Beverages 1,098 76 889 0 14 3121 Tobacco 60 20 44 W 12 313 Textile Product Mills 2512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Allied Products 283 8 257 6 0 3211 Wood Products 3,507 505 2,563 166 Q 3212 Weoder Products 129 13 121 W W 3212 Veneer, Piywood, and Engineered Woods 480 91 405 Q W 3212 Veneer, Piywood, and Engineered Woods 2,644 376 1,826 97 W 3212 Veneer, Piywood, and Engineered Woods 2,644 376 1,826 97 W 3212 Veneer, P	Q	0	61	0	W
3121 Beverages 1,098 76 889 0 14 3122 Tobaco 60 20 44 W 12 313 Textile Product Mills 908 165 722 W 85 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 3121 Wood Products 28 8 257 6 0 3211 Sawmils 252 27 208 W 8 3212 Veneer, Plywood, and Engineered Woods 480 91 405 Q W 3213 Sawmils 226 27 208 W 8 3212 Veneer, Plywood, and Engineered Woods 480 91 405 Q W 3219 Other Wood Products 2,664 376 1,825 97 W 32210 Pulp Mills 13 120 <td>14</td> <td>0</td> <td></td> <td>0</td> <td>77</td>	14	0		0	77
312 Tobacco 60 20 44 W 12 313 Textile Mills 908 165 722 W 85 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Alled Products 283 8 257 6 0 321113 Sawmills 3,507 505 2,563 166 Q 321210 Veneer, Phywood, and Engineered Woods 480 91 405 Q W 8 3212 Veneer, Phywood, and Engineered Woods 2,644 376 1,826 97 W 3219 Other Wood Products 2,762 262 2,278 10 74 32219 Paper 2,762 262 2,278 10 74 322110 Pulp Mills 139 50 137 W 14 322110 Paper Mills,	17 6	0		0	W
313 Textile Mills 908 165 722 W 85 314 Textile Product Mills 2,512 Q 1,583 W 27 315 Apparel 1,174 Q 1,084 W W 316 Leather and Allied Products 283 8 257 6 0 3211 Wood Products 3,507 505 2,563 1,66 Q 32111 Sawmills 252 27 208 W 8 3212 Veneer, Plywood, and Engineered Woods 480 91 405 Q W 32121 Reconstituted Wood Products 2,644 376 1,826 97 W 32121 Paper 2,762 262 2,278 10 74 32212 Paper Mills, except Newsprint 159 50 137 W 17 322121 Paper Mills, except Newsprint 139 38 108 W 26 32212 Ne	11	0		0	0
315 Apparel 1,174 Q 1,084 W W 316 Leather and Allied Products 283 8 257 6 0 3211 Wood Products 3,507 505 2,563 1.66 Q 321113 Sawmills 252 2.7 208 W 8 3212 Veneer, Plywood, and Engineered Woods 129 13 121 W W 321219 Reconstituted Wood Products 129 13 121 W W 3212 Paper 2,644 376 1,826 97 W 3212 Paper 2,644 376 1,826 97 W 3212 Paper 2,644 376 1,826 97 W 3210 Puter Wood Products 2,644 376 1,826 97 W 32212 Paper 2,644 376 1,826 97 W 32210 Puper Mills, except Newsprint 159 50 137 W 17 32212 Newsprint Mills 14 W 14 0 0 32310 Paperboard Mills 14 W 14 0 0	24	w		0	0
316 Leather and Allied Products 283 8 257 6 0 321 Wood Products 3,507 505 2,563 166 Q 3211 Sawmills 252 27 208 W 8 32121 Veneer, Plywood, and Engineered Woods 480 91 405 Q W 32121 Reconstituted Wood Products 129 13 121 W W 32120 Other Wood Products 2,644 376 1,826 97 W 3221 Paper 2,762 262 2,278 10 74 32211 Paper Mills, except Newsprint 159 50 137 W 17 321212 Newsprint Mills 14 W 14 0 0 0 322120 Paper Mills, except Newsprint 139 58 108 W 26 322121 Newsprint Mills 14 W 14 0 0 3241 <td>w</td> <td>w</td> <td>37</td> <td>0</td> <td>5</td>	w	w	37	0	5
Wood Products 3,507 505 2,563 166 Q 321113 Sawmills 252 27 208 W 88 32121 Sawmills 252 27 208 W 88 32121 Reconstituted Wood, and Engineered Woods 129 13 121 W W 32129 Reconstituted Wood Products 129 13 121 W W 3212 Other Wood Products 2,64 376 1,826 97 W 3221 Paper 2,762 262 2,278 10 74 322110 Pulp Mills 23 11 20 0 77 322122 Newsprint Mills 139 550 137 W 26 32310 Paperboard Mills 139 58 108 W 26 32412 Newsprint Mills 144 W 145 33 W 32 324110 Petroleum and Coaliry Materials	0	0		0	0
321113 Sawmills 252 27 208 W 8 3212 Veneer, Plywood, and Engreed Woods 480 91 405 Q W 3212 Reconstituted Wood Products 129 13 121 W W 32129 Other Wood Products 2,644 376 1,826 97 W 32210 Paper 2,664 376 1,826 97 W 32210 Pulp Mills 23 11 20 0 77 322110 Pulper Mills, except Newsprint 159 50 137 W 17 322120 Newsprint Mills 139 58 108 W 26 322130 Printing and Related Support 9,028 743 6,554 463 Q 324110 Petroleum Refineries 1,407 364 1,048 64 185 324110 Petroleum Refineries 168 41 156 3 W 324120 32413	W	W		0	0
3212 Veneer, Plywood, and Engineered Woods 480 91 405 Q W 321219 Reconstituted Wood Products 129 13 121 W W 32129 Other Wood Products 2,64 376 1,826 97 W 322 Paper 2,762 262 2,278 10 74 322110 Pulp Mills 23 11 20 0 7 321212 Newsprint Mills, except Newsprint 159 50 137 W 17 322122 Newsprint Mills 14 W 14 0 0 0 322130 Paper Mills, except Newsprint 139 58 108 W 26 322130 Paperboard Mills 144 W 14 0 0 32410 Petroleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum and Coal Products 1,407 364 1,407 364 171	W	0		0	Q 6
321219 Reconstituted Wood Products 129 13 121 W W 3219 Other Wood Products 2,644 376 1,826 97 W 3219 Other Wood Products 2,644 376 1,826 97 W 3210 Pulpe Mills 2,624 376 2,278 10 74 322110 Pulp Mills 23 11 20 0 77 322122 Newsprint Mills 14 W 14 0 0 32130 Paper Mills except Newsprint 139 58 108 W 26 323 Printing and Related Support 9,028 743 6,554 463 Q 324120 Apent Related Support 9,028 743 1,048 64 185 324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324122 Asphalt Paving Mixture and Block 863 291 565 56 171	0	0		0	9
322 Paper 2,762 262 2,278 10 74 322110 Pulp Mills 23 11 20 0 7 322121 Paper Mills, except Newsprint 159 50 137 W 17 322122 Newsprint Mills 14 W 14 0 0 7 322130 Paper Mills, except Newsprint 139 58 108 W 26 322130 Paperboard Mills 139 58 108 W 26 323 Printing and Related Support 9,028 743 6,554 463 Q 324120 Petroleum and Coal Products 1,407 364 1,048 64 185 324121 Asphalt Shingle and Coating Materials 1,447 23 127 W 7 324122 Asphalt Shingle and Coating Materials 144 23 127 W 7 324199 Other Petroleum and Coal Products 73 W 67 0	0	0	3	0	w
32210 Pulp Mills 23 11 20 0 7 322121 Paper Mills, except Newsprint 159 50 137 W 17 322121 Newsprint Mills 14 W 14 0 0 7 322122 Newsprint Mills 139 58 108 W 26 323 Paperboard Mills 139 58 108 W 26 324 Pertoleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum Refineries 168 41 156 3 W 324121 Asphalt Shingle and Coating Materials 144 23 127 W 7 324122 Asphalt Shingle and Coating Materials 144 23 127 W 7 32419 Other Petroleum and Coal Products 73 W 67 0 W 32419 Other Petroleum and Coal Products 6,513 757 5,324 260 <t< td=""><td>0</td><td>0</td><td></td><td>0</td><td>W</td></t<>	0	0		0	W
322121 Paper Mills, except Newsprint 159 50 137 W 17 322122 Newsprint Mills 14 W 14 0 0 322120 Paper band Mills 139 58 108 W 26 323 Printing and Related Support 9,028 743 6,554 463 Q 324 Petroleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum Refineries 168 41 156 3 W 324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324120 Asphalt Shingle and Coall Products 73 W 67 0 W 324190 Other Petroleum and Coal Products 73 W 67 0 W 324192 Other Petroleum and Coal Products 73 8 30 W 32 32 10 W 32 36 30 W 32 32<	67	15		W	11
322122 Newsprint Mills 14 W 14 0 0 322130 Paperboard Mills 139 58 108 W 26 323 Printing and Related Support 9,028 743 6,554 463 Q 324 Petroleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum and Coal Products 168 41 156 3 W 324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324122 Asphalt Shingle and Coating Materials 144 23 127 W 7 324190 Other Petroleum and Coal Products 73 W 67 0 W 324192 Other Petroleum and Coal Products 6,513 757 5,324 260 286 32510 Petrochemicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0	5	0		0 W	0
322130 Paperboard Mills 139 58 108 W 26 323 Printing and Related Support 9,028 743 6,554 463 Q 324 Petroleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum Refineries 168 41 156 3 W 324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324120 Asphalt Shingle and Coal Products 144 23 127 W 77 324199 Other Petroleum and Coal Products 73 W 67 0 W 325 Chemicals 33 8 30 W 33 38 30 W 35120 Industrial Gases 203 0 193 0 0 0 0	25 W	6		W	6 0
323 Printing and Related Support 9,028 743 6,554 463 Q 324 Petroleum and Coal Products 1,407 364 1,048 64 185 324110 Petroleum and Coal Products 1,68 41 156 3 W 324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324120 Asphalt Shingle and Coaling Materials 144 23 127 W 7 324190 Other Petroleum and Coal Products 73 W 67 0 W 324192 Other Petroleum and Coal Products 6,513 757 5,324 260 286 325110 Petroleumicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0 0	28	10		0	5
324110 Petroleum Refineries 168 41 156 3 W 324121 Asphait Paving Mixture and Block 863 291 565 56 171 324122 Asphait Paving Mixture and Block 863 291 565 56 171 324120 Asphait Paving Mixture and Block 144 23 127 W 7 324199 Other Petroleum and Coal Products 73 W 67 0 W 325 Chemicals 6,513 757 5,324 260 286 325120 Industrial Gases 33 8 30 W 3	w	w		0	0
324121 Asphalt Paving Mixture and Block 863 291 565 56 171 324122 Asphalt Shingle and Coating Materials 144 23 127 W 7 324129 Other Petroleum and Coaling Materials 144 23 127 W 7 324199 Other Petroleum and Coaling Materials 73 W 67 0 W 325 Chemicals 6,513 757 5,324 260 286 325110 Petrochemicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0 0	124	0		0	48
324122 Asphalt Shingle and Coating Materials 144 23 127 W 7 324199 Other Petroleum and Coal Products 73 W 67 0 W 325 Chemicals 6,513 757 5,324 260 286 325110 Petrochemicals 33 8 30 W 33 325120 Industrial Gases 203 0 193 0 0	W	0		0	9
324199 Other Petroleum and Coal Products 73 W 67 0 W 325 Chemicals 6,513 757 5,324 260 286 325110 Petrochemicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0 0	1190	0		0	33 W
325 Chemicals 6,513 757 5,324 260 286 325110 Petrochemicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0 0	w	0		0	W
325110 Petrochemicals 33 8 30 W 3 325120 Industrial Gases 203 0 193 0 0	Q	12		0	39
	w	0		0	w
	0	0		0	0
325180 Other Basic Inorganic Chemicals 407 90 329 W 31 325193 Ethyl Alcohol 200 22 186 W 3	0	W	18	0	W
325193 Ethyl Alcohol 200 22 186 W 3 325194 Cyclic Crudes, Intermediate and Gum and Wood Chemicals 44 7 38 0 6	0 W	V	<u>14</u> W	0	0
25159 Other Basic Organic Chemicals 25519 Other Basic Organic Chemicals 420 61 377 0 488	W	w		0	13
325211 Plastics Materials and Resins 686 75 603 34 29	13	w		0	7
325212 Synthetic Rubber 71 13 62 W 8	w	0		0	W
325220 Artificial and Synthetic Fibers and Filaments 72 20 59 6 11	W	w		0	0
325311 Nitrogenous Fertilizers 120 Q 79 0 0 325312 Phosphatic Fertilizers 34 0 34 0 0 0	0	0		0	W
325312 Phosphatic Fertilizers 34 0 34 0 0 3254 Pharmaceuticals and Medicines 931 121 789 Q 51	9	U	10	0	0
25412 Pharmaceutical Preparation 512 42 442 6 32	w	w		0	w
325992 Photographic Film, Paper, Plate, and Chemicals 105 9 95 W W	w	0		0	0
326 Plastics and Rubber Products 6,267 792 4,925 490 227	w	w		0	0
327 Nonmetallic Mineral Products 7,391 560 6,043 74 242	85	Q		W	Q
327120 Clay Building Material and Refractories 404 25 370 4 4 327211 Flat Glass 47 8 45 W W	9	W0		0	W
22/211 ria class 22/212 Other Pressed and Blown Glass and Glassware 174 Q 169 4 W	W	0		0	W
27211 Glas Containers 59 W 58 0 0	0	0		0	0
327215 Glass Products from Purchased Glass 511 76 366 57 Q	w	w	Q	w	W
327310 Cements 81 28 68 3 5	5	18		4	5
32710 Lime 45 W 42 0 W	0	0		0	0
327420 Gypsum 72 W 68 0 W 327993 Mineral Wool 139 10 123 W W	0	0		0	0
22/353 Wineta Wool 13 10 12 W W W 331 Primary Metals 2,674 183 2,401 88 28	13	5		3	10
331110 Iron and Steel Mills and Ferroalloys 312 30 294 W W	0	w		W	W
3312 Steel Products from Purchased Steel 339 15 274 W 0	0	0	7	0	0
3313 Alumina and Aluminum 338 38 303 17 10	w	w		W	W
331314 Secondary Smelting and Alloying of Aluminum 82 6 72 W W	W	W	W	W	0
331315 Aluminum Sheet, Plate and Foils 55 W 55 0 W 331318 Other Aluminum Rolling, Drawing and Extruding 164 26 139 W W	W	0		0	0 W
331318 Other Aluminum Rolling, Drawing and Extruding 164 26 139 W W 3314 Nonferrous Metals, except Aluminum 507 32 430 Q 9	0	0		0	0
331410 Nonferrous Metal (except Aluminum) Smelting and Refining 96 6 90 4 W	0	0		0	0
3315 Foundries 1,177 68 1,101 24 W	w	w	46	W	5
331511 Iron Foundries 303 15 291 5 0	0	0		0	W
331523 Nonferrous Metal Die-Casting Foundaries 230 15 186 W W 331524 Aluminum Foundries, except Die-Casting 238 13 230 W 0	0	0 W		0	W 0
331524 Aluminum Foundries, except Die-Casting 238 13 230 W 0 332 Fabricated Metal Products 24,493 904 19,065 Q W	0	W		0	0
322 rabilitate metal metal metal metal metal metal 24,433 504 15,003 Q w 333 Machinery 11,481 917 9,867 532 Q	W	W		0	W
334 Computer and Electronic Products 4,582 608 3,928 399 Q	W	0		0	Q
334413 Semiconductors and Related Devices 293 17 275 W 11	W	0	4	0	W
335 Electrical Equip., Appliances, and Components 2,228 Q 1,977 W 0	w	0		0	W
336 Transportation Equipment 5,108 550 4,396 255 27 326111 Autorithin Equipment 5,108 50 4,396 255 27	W	W		0	W
336111 Automobiles 43 0 42 0 0 336112 Light Trucks and Utility Vehicles 33 W 32 0 W				0	0
336112 Light Trucks and Utility Vehicles 33 W 32 0 W 3364 Aerospace Product and Parts 839 Q 684 Q W	0	0		•	
336411 Aircraft 247 5 242 W W	0	0	0	0	0
337 Furniture and Related Products 4,511 199 3,912 Q 0	0		0 Q	0 0 0	0
339 Miscellaneous 7,853 341 6,605 Q W	0 0 0	0	0 Q W	0	0
Total 116,018 9,227 93,118 3,933 2,194	0 0 0 0	0 0 0	0 Q W 45 W	0	0

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

(b) These counts include only those establishments that reported this activity in 2014. Establishments for which only a portion of the total consumed fuel was reported as switchable contribute to the establishment counts in both the 'Switchable' and 'Not Switchable' columns. Therefore, the sum of these establishment counts may be greater than the corresponding establishment count of the total number of establishments consuming the fuel. (c) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for natural gas during 2014. The quantities are expressed in billions of cubic feet, and therefore represent the quantity of natural gas that could have been displaced by the given alternative type of energy.

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

(e) '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 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. (f) 'Other 'includes all other types of energy not already identified that respondents indicated could have been consumed in place of natural gas.
 * 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: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey.'

Released: February 2018 Next MECS will be fielded in 2019 RSE Table 10.3 Relative Standard Errors for Table 10.3;

Unit: Percents.

		Natural Gas(b)				Alternative Energy Sources(c)					
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Distillate Fuel Oil	Residual Fuel Oil	Coal	HGL (excluding natural gasoline)	Coal Coke and Breeze	Other(f
		Total United States									
311	Food	3.8	17.1	5.5	46.6	22.1	19.8	3.9	22.2	9.2	22
3112 311221	Grain and Oilseed Milling	4.2	21.0	8.7	60.3	21.6	23.4 X	4.3	46.6	X	57.
31131	Sugar Manufacturing	0.0	0.0	0.0	X	0.0	0.1	X	<u>X</u>	X	
3114	Fruit and Vegetable Preserving and Specialty Food	6.8	34.6	8.6	57.5	15.4	20.4	9.2	71.4	9.2	14
3115	Dairy Product	5.0	14.8	7.0	12.6	19.1	55.0	X	30.0	Х	59
3116	Animal Slaughtering and Processing	4.0	14.7	6.8	58.5	14.2	33.8	X	32.5	X	25
312 3121	Beverage and Tobacco Products	9.2	30.7	10.3	0.1	7.0	4.6	X	49.9	X	53
3121 3122	Beverages Tobacco	0.1	38.8	0.1	X 0.1	0.1	0.1	x	0.1	X	53
3122	Textile Mills	9.0	28.5	11.8	91.7	37.9	45.3	48.0	45.7	X	
314	Textile Product Mills	17.7	59.6	27.0	98.9	38.5	16.9	40.5	34.3	х	20
315	Apparel	41.4	59.5	44.5	72.3	42.6	х	х	56.9	х	
316	Leather and Allied Products	13.3	27.1	14.4	32.6	Х	14.6	14.6	17.7	X	
321	Wood Products	7.7	25.1	9.8	28.4	60.1	10.5	X	39.7	X	71
321113	Sawmills	10.2	28.5	10.7	49.4	10.2	5.5	X	59.0	X	5
3212 321219	Veneer, Plywood, and Engineered Woods Reconstituted Wood Products	<u>11.0</u> 6.2	33.7	12.2	54.5	17.7	X	X	37.1	X	29.
321219	Other Wood Products	9.9	32.7	13.3	37.9	74.5	<u>x</u>	x	49.1	X	86
322	Paper	5.5	31.3	8.4	0.1	15.7	0.8	0.1	68.7	0.1	0
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	X	X	X	
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
322122	Newsprint Mills	0.0	0.0	0.0	Х	х	0.0	х	Х	Х	
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0
323	Printing and Related Support	5.7	30.5	8.1	39.8	78.9	96.9	99.1	49.4	X	12
324	Petroleum and Coal Products	2.4	7.2	4.0	12.2	8.1	10.1	X	14.4	X	12
324110 324121	Petroleum Refineries Asphalt Paving Mixture and Block	1.4	36.2	4.2	36.2	36.2	36.2	X	36.2	X	36
324121	Asphalt Paving Mixture and Bock Asphalt Shingle and Coating Materials	3.6	12.7	4.1	4.0	4.0	X	x	13.3	X	55.
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	0.0	0.0	x	X	X	0.
325	Chemicals	3.8	17.0	5.3	34.5	16.9	66.9	17.2	27.6	х	13.
325110	Petrochemicals	26.6	26.6	26.6	26.6	26.6	26.6	х	26.6	х	26.
325120	Industrial Gases	18.0	X	19.3	X	Х	х	х	х	X	
325180	Other Basic Inorganic Chemicals	8.8	32.8	12.9	75.3	35.5	X	12.7	43.9	X	12.
325193	Ethyl Alcohol	1.0	11.5	1.6	48.5	7.3	X	14.3	13.4	X	31.
325194 325199	Cyclic Crudes, Intermediate and Gum and Wood Chemicals Other Basic Organic Chemicals	0.0	23.8	0.0	X	0.0	0.0	X 12.4	0.0	X	28.
325211	Plastics Materials and Resins	5.6	23.8	7.0	43.7	38.4	45.9	8.1	46.9	x	46.
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	40.5	X	
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Х	
325311	Nitrogenous Fertilizers	2.6	94.0	45.9	х	х	х	х	96.7	Х	22.
325312	Phosphatic Fertilizers	0.0	х	0.0	X	Х	х	X	х	X	
3254	Pharmaceuticals and Medicines	6.9	26.9	9.2	56.0	12.9	20.6	13.9	24.5	X	11.
325412	Pharmaceutical Preparation	5.7	15.1	10.3	30.6	15.9	13.9	13.9	34.9	X	15.
325992 326	Photographic Film, Paper, Plate, and Chemicals Plastics and Rubber Products	6.6	25.5	9.5	25.5	25.5	25.5 53.2	X 66.6	25.5	X	
327	Nonmetallic Mineral Products	6.3	25.9	7.1	34.8	47.0	49.6	52.6	47.8	82.7	58.
327120	Clay Building Material and Refractories	2.4	16.7	3.5	12.3	16.9	30.7	49.8	10.9	X	13.
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	X	X	0.0	x	
327212	Other Pressed and Blown Glass and Glassware	5.3	67.7	5.7	21.2	21.2	21.2	х	81.4	Х	21.
327213	Glass Containers	0.0	0.0	0.0	X	X	х	X	0.0	X	
327215	Glass Products from Purchased Glass	8.0	34.8	12.4	45.1	86.7	91.8	96.5	55.5	96.5	96
327310	Cements	32.2	32.1	32.3	31.9	32.8	31.9	32.0	31.9	31.9	36
327410 327420	Lime	0.0	0.0	0.0	X	0.0	X	X	X 17.3	X	
327993	Gypsum Mineral Wool	17.0	34.3	17.0	24.9	24.9	<u>x</u>	x	42.1	^	
331	Primary Metals	2.0	10.7	2.5	20.5	8.9	35.5	10.3	10.8	5.8	6
331110	Iron and Steel Mills and Ferroalloys	0.3	35.2	0.6	49.8	3.3	X	3.3	3.3	3.3	3.
3312	Steel Products from Purchased Steel	10.9	44.3	12.7	78.5	х	х	х	12.1	х	
3313	Alumina and Aluminum	3.0	18.8	4.1	44.1	14.2	30.3	0.1	18.7	0.1	10.
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
331315	Aluminum Sheet, Plate and Foils	0.7	21.4	0.7	X	21.4	21.4	X	21.4	X	
331318	Other Aluminum Rolling, Drawing and Extruding	6.1	27.3	8.9	47.3	34.5	49.2	X	29.5	X	
3314	Nonferrous Metals, except Aluminum Nonferrous Metal (except Aluminum) Smelting and Refining	6.8	27.8 37.4	9.1	50.2	13.2	x	X	<u>10.4</u>	X	
331410 3315	Foundries	4.8	37.4	7.3	37.4	46.0	85.4	18.4	X 17.5	17.6	11
331511	Iron Foundries	1.4	25.5	2.4	18.5	X	X	X	29.8	X	
331523	Nonferrous Metal Die-Casting Foundaries	2.3	33.5	10.2	57.8	9.6	x	X	53.8	X	
331524	Aluminum Foundries, except Die-Casting	2.0	32.6	2.3	74.3	х	х	27.1	34.4	х	
332	Fabricated Metal Products	4.6	40.2	6.3	68.5	92.2	92.2	92.2	57.3	92.2	99
333	Machinery	3.9	25.9	5.0	34.9	65.4	70.0	87.7	39.7	X	69
334	Computer and Electronic Products	7.1	31.5	8.7	40.6	61.2	66.1	X	63.3	X	69
334413	Semiconductors and Related Devices	10.9 9.4	20.1	12.4	20.1	20.1 X	20.1 97.7	X	20.1	X	
335 336	Electrical Equip., Appliances, and Components Transportation Equipment	9.4 5.8	60.1 32.8	10.9	46.4	40.9	97.7	92.0	63.5	X	9
336111	Automobiles	0.0	X	0.0	X	40.9 X	уо.7Х	X	42.5 X	x	
336112	Light Trucks and Utility Vehicles	0.0	0.0	0.0	X	0.0	X	X	X	X	
3364	Aerospace Product and Parts	6.8	50.2	9.9	67.0	13.8	X	X	51.7	X	
336411	Aircraft	13.6	25.8	13.9	25.8	25.8	х	х	25.8	х	
337	Furniture and Related Products	8.6	47.8	9.9	68.5	х	68.9	х	45.0	x	97
	Miscellaneous		44.9		69.6				58.4	x	

(b) These counts include only those establishments that reported this activity in 2014. Establishments for which only a portion of the total consumed fuel was reported as switchable contribute to the establishment counts in both the 'Switchable' and 'Not Switchable' columns. Therefore, the sum of these establishment counts may be greater than the corresponding establishment count of the total number of establishments consuming the fuel. (c) 'Alternative Energy Sources' consist of those energy. (d) 'Total Consumed' represents those quantities (Total Inputs) of natural gas that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) '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.

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

* 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.

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

-- Estimation is not applicable.

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

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, /2014 Manufacturing Energy Consumption Survey.'