Table 1.3 First Use of Energy for All Purposes (Fuel and Nonfuel), 2014;

Level: National and Regional Data;

Row: Values of Shipments and Employment Sizes;

Column: Energy Sources and Shipments;

Unit: Trillion Btu.

Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained (i) Total	1,163 948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835 18,306 529 18,835	314 287 352 464 354 829 2,600 0 2,600 2,600 2,600 0 2,600 0 2,600 0 2,600 0 2,600	2 1 1 W 36 9 W 87 0 87 0 87	30 14 W 11 13 W 107 0 107 29 11 21 24 20 12	426 354 565 941 911 3,216 6,412 708 627 1,238 1,285 1,271	HGL (excluding natural gasoline)(f) 15 W 78 34 W 2,273 2,446 0 2,446 W W 431 710	15 W 245 W 570 1,260 0 1,260	2 W W 195 318 0 318 U W W W W W W W W W W W W W W W W W W	373 186 344 369 701 3,699 5,672 529 6,201	2 18 63 23 478 597 0 597
Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Not Ascertained(i) Total Value of Shipments and Receipts (million dollars) Under 20 20-49 250-499 500-999 100-249 250-499 500-999 100-249 250-499 500-999 100-249 250-499 500-999 500 and Over	1,163 948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	287 352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	1 W 36 9 W 87 0 87 6 W 18 W W 3 87	14 W 11 13 W 107 0 107 29 11 21 14 20 12	354 565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 78 34 W 2,273 2,446 0 2,446 W W	W W 245 W 570 1,260 0 1,260 W W W	W W 30 W 195 318 0 318	186 344 369 701 3,699 5,672 529 6,201	2 18 63 23 478 597 0 597
(million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Mortification of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	287 352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	1 W 36 9 W 87 0 87 6 W 18 W W 3 87	14 W 11 13 W 107 0 107 29 11 21 14 20 12	354 565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 78 34 W 2,273 2,446 0 2,446 W W	W W 245 W 570 1,260 0 1,260 W W W	W W 30 W 195 318 0 318	186 344 369 701 3,699 5,672 529 6,201	2 18 63 23 478 597 0 597
(million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Mortification of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	287 352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	1 W 36 9 W 87 0 87 6 W 18 W W 3 87	14 W 11 13 W 107 0 107 29 11 21 14 20 12	354 565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 78 34 W 2,273 2,446 0 2,446 W W	W W 245 W 570 1,260 0 1,260 W W W	W W 30 W 195 318 0 318	186 344 369 701 3,699 5,672 529 6,201	2 18 63 23 478 597 0 597
Under 20 20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Not Ascertained(i) Total Not Ascertained(i) Total Norti	948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	287 352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	1 W 36 9 W 87 0 87 6 W 18 W W 3 87	14 W 11 13 W 107 0 107 29 11 21 14 20 12	354 565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 78 34 W 2,273 2,446 0 2,446 W W	W W 245 W 570 1,260 0 1,260 W W W	W W 30 W 195 318 0 318	186 344 369 701 3,699 5,672 529 6,201	18 63 23 478 597 0 597
20-49 50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortal Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	948 1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	287 352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	1 W 36 9 W 87 0 87 6 W 18 W W 3 87	14 W 11 13 W 107 0 107 29 11 21 14 20 12	354 565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 78 34 W 2,273 2,446 0 2,446 W W	W W 245 W 570 1,260 0 1,260 W W W	W W 30 W 195 318 0 318	186 344 369 701 3,699 5,672 529 6,201	2 18 63 23 478 597 0 597 18 18 52 39
50-99 100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Not Ascertained(i) Total Nortel Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	1,517 2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	352 464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	W 36 9 W 87 0 87 6 W 18 W W	W 11 13 W 107 0 107 29 11 21 14 20 12	565 941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	78 34 W 2,273 2,446 0 2,446 W W	W 245 W 570 1,260 0 1,260 W W	W 30 W 195 318 0 318	344 369 701 3,699 5,672 529 6,201	18 63 23 478 597 0 597
100-249 250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortal Nortal Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500-99 100-249 250-499 500 and Over	2,069 2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	464 354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	36 9 W 87 0 87 6 W 18 W W 3 87	11 13 W 107 0 107 29 11 21 14 20	941 911 3,216 6,412 0 6,412 708 627 1,238 1,285	34 W 2,273 2,446 0 2,446 W W 431	245 W 570 1,260 0 1,260 W W	30 W 195 318 0 318	369 701 3,699 5,672 529 6,201	63 23 478 597 0 597
250-499 500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortal Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	2,251 10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	354 829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	9 W 87 0 87 6 W 18 W W 3 87	13 W 107 0 107 29 11 21 14 20	911 3,216 6,412 0 6,412 708 627 1,238 1,285	W 2,273 2,446 0 2,446 W W 431	W 570 1,260 0 1,260 W W	W 195 318 0 318	701 3,699 5,672 529 6,201 494 W	23 478 597 0 597
500 and Over Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total North Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	10,357 18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	829 2,600 0 2,600 298 281 604 557 514 347 2,600 0	W 87 0 87 6 W 18 W W 3 87	W 107 0 107 29 11 21 14 20	3,216 6,412 0 6,412 708 627 1,238 1,285	2,273 2,446 0 2,446 W W W 431	570 1,260 0 1,260 W W	195 318 0 318 1	3,699 5,672 529 6,201 494 W	478 597 0 597 18
Subtotal Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total North Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	18,306 529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	2,600 0 2,600 298 298 281 604 557 514 347 2,600	87 0 87 6 W 18 W W 3 87	107 0 107 29 11 21 14 20	6,412 0 6,412 708 627 1,238 1,285	2,446 0 2,446 W W 431	1,260 0 1,260 W W	318 0 318 1 W	5,672 529 6,201 494 W	597 0 597 18 52
Not Ascertained(i) Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Norti Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	529 18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	0 2,600 298 281 604 557 514 347 2,600 0	0 87 6 W 18 W W 3 87	0 107 29 11 21 14 20	708 627 1,238 1,285	0 2,446 W W W 431	0 1,260 W W	0 318 1 W	529 6,201 494 W	0 597 18 52
Total Employment Size Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	18,835 1,735 1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	2,600 298 281 604 557 514 347 2,600 0	87 6 W 18 W W 3 87	29 11 21 14 20	708 627 1,238 1,285	2,446 W W W 431	1,260 W W	318 1 W	6,201 494 W	597 18 52
Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	281 604 557 514 347 2,600	W 18 W W 3 87	11 21 14 20 12	627 1,238 1,285	W 431	W	W	W	52
Under 50 50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	281 604 557 514 347 2,600	W 18 W W 3 87	11 21 14 20 12	627 1,238 1,285	W 431	W	W	W	52
50-99 100-249 250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Norti Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	1,315 3,198 3,775 4,442 3,842 18,306 529 18,835	281 604 557 514 347 2,600	W 18 W W 3 87	11 21 14 20 12	627 1,238 1,285	W 431	W	W	W	52
100-249 250-499 250-499 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	3,198 3,775 4,442 3,842 18,306 529 18,835	604 557 514 347 2,600	18 W W 3 87	21 14 20 12	1,238 1,285	431	W			
250-499 500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	3,775 4,442 3,842 18,306 529 18,835	557 514 347 2,600	W W 3 87	14 20 12	1,285			V V		מיר.
500-999 1000 and Over Subtotal Not Ascertained(i) Total Nortl Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	4,442 3,842 18,306 529 18,835	514 347 2,600 0	W 3 87 0	20 12		/10		13	1,168	238
1000 and Over Subtotal Not Ascertained(i) Total North Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	3,842 18,306 529 18,835	347 2,600 0	3 87 0	12	1,2/1	W	131	8	W	133
Subtotal Not Ascertained(i) Total Norti Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	18,306 529 18,835	2,600 0	87 0			W	369	°	W	118
Not Ascertained(i) Total North Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	529 18,835	0	0	107	1,283					
Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	18,835				6,412	2,446	1,260	318	5,672	597
Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over				0 107	6,412	0 2,446	0 1,260	318	529 6,201	0 597
Value of Shipments and Receipts (million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over	theast Census Region									
(million dollars) Under 20 20-49 50-99 100-249 250-499 500 and Over										
20-49 50-99 100-249 250-499 500 and Over										
50-99 100-249 250-499 500 and Over	218	44	*	6	55	3	*	*	110	*
100-249 250-499 500 and Over	134	40	Q	2	46	2	W	*	W	1
250-499 500 and Over	147	45	1	2	64	1	W	1	W	0
500 and Over	194	50	2	2	87	Q	9	2	39	0
	174	31	5	*	66	Q	13	0	57	0
Total	447	53	1	3	109	76	W	*	W	86
	1,313	264	11	15	427	84	185	3	412	88
Employment Size										
Under 50	190	39	1	6	52	2	2	*	90	*
50-99	117	35	Q	2	57	1	<u>-</u> -	*	18	1
100-249	365	79	3	2	105	-	19	3	77	*
250-499	185	35	*	<u>-</u>	86	2	13	0	48	0
500-999	242	39	6	2	68	*	5	0	122	0
1000 and Over	214	37	1	2	59	1	142	*	59	86
Total	1,313	264	11	15	427	84	185	3	412	88
Midwes	st Census Region									
Value of Shipments and Receipts										
(million dollars)										
Under 20	361	101	*	6	179	5	3	Q	66	0
20-49	299	91	*	2	138	W	25	W	W	*
50-99	461	112	4	2	199	2	47	W	W	*
100-249	804	155	*	2	418	w	W	24	106	*
250-499	611	94	*	2	286	W	W	W	65	6
500 and Over	1,915	272	1	8	619	124	W	169	W	11
Total		826	5	22	1,839	164	559	274	779	17
Fundament Cin	4,451									
Employment Size Under 50				6	306	w	w			

Shipments

50-99	551	109	*	2	336	W	W	W	W	*
100-249	774	158	*	3	317	12	W	W	101	6
250-499	855	183	*	3	302	109	145	3	111	*
500-999	660	159	*	2	205	W	W	7	W	0
1000 and Over	984	122	*	5	374	W	142	W	W	10
Total	4,451	826	5	22	1,839	164	559	274	779	17

South Census Region

Value of Shipments and Receipts										
(million dollars)										
Under 20	408	108	1	11	135	4	5	*	155	9
20-49	363	118	*	8	121	4	32	2	79	1
50-99	662	141	W	W	213	74	34	1	203	17
100-249	824	200	33	4	334	W	W	4	173	63
250-499	1,256	169	3	7	477	W	W	1	535	17
500 and Over	6,962	400	W	W	2,167	2,066	132	25	2,517	380
Total	10,476	1,136	67	50	3,446	2,182	387	33	3,662	488
Employment Size										
Under 50	680	106	1	10	265	122	3	0	184	12
50-99	515	104	W	5	182	58	W	1	143	51
100-249	1,676	288	13	12	688	335	113	2	257	33
250-499	2,197	255	W	6	718	597	W	4	760	237
500-999	3,169	255	W	13	870	701	W	1	1,369	133
1000 and Over	2,240	128	2	4	722	369	62	25	950	21
Total	10,476	1,136	67	50	3,446	2,182	387	33	3,662	488

West Census Region

Value of Chimmonts and Bessints										
Value of Shipments and Receipts (million dollars)										
Under 20	175	62	*	7	57	3	7	*	42	4
20-49	152	37	0	1	49	2	17	*	45	0
50-99	248	54	*	3	89	2	34	1	65	1
100-249	248	59	1	4	102	1	30	*	50	0
250-499	210	59	*	3	81	*	16	6	43	0
500 and Over	1,033	104	2	2	322	7	24	0	572	0
Total	2,066	375	4	20	700	16	129	8	819	5
Employment Size										
Under 50	238	58	1	7	84	3	8	*	82	5
50-99	131	33	0	1	52	2	21	0	23	0
100-249	384	79	2	4	128	7	55	1	108	0
250-499	538	84	1	4	179	2	13	6	249	0
500-999	371	61	*	3	129	1	9	*	167	0
1000 and Over	404	60	0	1	128	2	24	0	189	0
Total	2,066	375	4	20	700	16	129	8	819	5

- (a) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.
- (b) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.
- (c) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).
- (d) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.
- (e) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.
- (f) Hydrocarbon Gas Liquids '(HGL)' include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).
- (g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power or as feedstock/raw material inputs. See also Footnote 'i'.
- (h) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(i) Previously, the Manufacturing Energy Consumption Survey (MECS) had accounted for energy consumed in petroleum refineries by measuring their own fuel use, assuming shipments of fuel products would later be counted in the industries that use them, and assigning the heat equivalent of the nonfuel products to the petroleum refinery (for a more detailed explanation see, "Feedstock and Offsite-Produced Fuel at Petroleum Refineries"). Starting with the 2014 MECS, however, EIA began collecting asphalt and petrochemical feedstock data from establishments that use those nonfuel products. These data are included in the 'Other' column. However, other 'Miscellaneous Nonfuel Products (i.e. lubricants, solvents, waxes, and special naphthas) from refineries, and used elsewhere throughout the manufacturing sector as energy are not collected on the MECS. An estimate of 'the Miscellaneous Nonfuel Products used in manufacturing was derived using EIA's "U.S. Product Supplied for Crude Oil and Petroleum Products" data. The Miscellaneous Nonfuel Products are shown as a separate row, 'Not Ascertained,' under the 'Subtotal' for the 'Total United States' and this row is not allocated regionally. Therefore, the sum of the regional totals will equal the United States subtotal in the previous row. Because of the changes made to the 2014 MECS, the quantity in 'Other' for the petroleum refineries in Tables 1 and 2 is now less than it would otherwise be using the previous method. Similarly, the quantities in 'Other' for Chemicals (NAICS 325 and certain subindustries) and the asphalt industries (NAICS 324121 and 324122) are now larger than they would otherwise be under the previous method. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website: https://www.eia.gov/dnav/pet/pet_cons_psup_dc_nus_mbbl_a.htm

* 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. The derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; woodchips, bark, and woodwaste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

RSE Table 1.3 Relative Standard Errors for Table 1.3;

Unit: Percents.

Economic Characteristic(a)	Total(b)	Net Electricity(c)	Residual Fuel Oil	Distillate Fuel Oil(d)		HGL (excluding natural gasoline)(f)	Coal	Coke and Breeze	Other(g)	Shipments of Energy Sources Produced Onsite(h)
	Total United States									
Value of Shipments and Receipts										
(million dollars)										
Under 20	5.0	7.1	14.3	13.3	6.0		2.6	47.3		0.2
20-49	4.3	5.0	40.5	22.2	6.8		4.8	15.9		0.1
50-99	2.0	4.1	0.8	4.8	3.4		5.2	0.8		0.0
100-249	2.4	2.8	0.3	7.7	2.3		1.5	0.0		0.0
250-499	0.9	2.5	0.3	11.8	1.1	4.7	0.0	0.0		0.
500 and Over	0.4	1.0	0.0	3.5	0.3		0.3	0.0		0.
Subtotal	0.5	1.2	0.7	5.0	0.7	0.4	0.7	0.4		0.
Not Ascertained(i) Total	0.0 0.5	X 1.2	0.7	5.0	0.7	X 0.4	0.7	0.4		0.
Employment Size										
Under 50	3.6	6.5	4.5	13.6	4.1	5.2	2.8	2.5		0.
50-99	3.8	5.3	2.0	12.5	3.6		4.7	20.2		0.0
100-249	1.1	2.8	0.2	13.5	1.6		1.8	1.6		0.
250-499	0.7	2.4	0.9	9.6	1.3		0.8	0.0		0.
500-999	0.9	1.8	0.1	5.5	1.0		1.8	0.0		0.
1000 and Over	0.4	2.3	0.0	7.7	0.6		0.5	0.0		0.0
Subtotal	0.5	1.2	0.7	5.0	0.7		0.7	0.4		0.0
Not Ascertained(i)	0.0	X	X	X	X		X	X		
Total	0.5	1.2	0.7	5.0	0.7	0.4	0.7	0.4	1.0	0.0
	Northeast Census Region									
Value of Shipments and Receipts (million dollars)										
Under 20	7.9	12.8	16.4	19.3	14.5	18.1	4.3	11.6	6.7	0.0
20-49	6.1	10.7	50.8	43.0	9.6		0.0	0.0		0.0
50-99	7.8	13.5	2.1	26.9	10.8		20.6	0.0)
100-249	4.0	6.9	4.4	13.6	4.2		18.9	0.0		
250-499	3.4	7.4	0.0	28.4	5.9		0.1	X		
500 and Over	1.0	4.6	0.0	18.2	1.8		0.0	0.0		0.
Total	1.9	3.9	5.4	11.2	3.0		1.9	0.6		0.
Employment Size										
Under 50	8.9	13.8	11.1	19.9	15.0	20.9	0.2	89.2	7.8	0.0
50-99	7.4	10.6	67.4	42.9	8.8		0.0	0.0		0.
100-249	3.5	8.7	0.5	21.2	6.7	0.4	15.4	0.0		0.0
250-499	3.6	8.1	31.1	19.2	4.4	49.9	14.2	X		
500-999	2.3	6.5	0.2	5.0	4.8		0.0	X		
1000 and Over	2.2	7.0	0.0	28.0	3.3	1.4	0.0	0.0		0.
Total	1.9	3.9	5.4	11.2	3.0	1.6	1.9	0.6	1.9	0.
	Midwest Census Region									
Natura of Chinasanta and Bassinta										
Value of Shipments and Receipts										
(million dollars)	7.9	0 2	26.3	25.0	10.6	31 0	1 6		12.1	
Under 20	7.9 7.7	8.3	26.3	25.0	10.6		1.6	55.5		70.
20-49		8.8	76.8	22.5			13.5	20.0		70.4
50-99	4.8 5.4	7.4	0.0	9.0	7.1		13.0	0.8		0.0
100-249		5.4	13.3	8.8	4.3		2.4	0.0		0.0
250-499	1.9	4.9	21.4	46.6	2.2		0.0	0.0		0.0
500 and Over Total	0.5 1.4	1.6 2.0	0.2 2.1	9.9 9.6	0.8 1.7		0.7 1.3	0.0		0. 0.
Employment Size	7.3			247		F3 7	2.7			
Under 50	7.3	6.6	2.6	24.7	6.3		3.3	0.0		25.
50-99	4.4	7.5	6.1	26.9	5.0		11.4	31.1		0.0
100-249	2.8	5.4	0.0	11.3	4.3		3.3	1.4		0.0
250-499	2.6	4.9	0.6	40.2	4.6		0.4	0.0		0.0
500-999	2.1	3.9	0.0	14.5	4.0	3.8	0.0	0.0	0.6	

1000 and Over	0.5	J.2	0.0	12.7	1.0	0.5	1.2	0.0	0.5	0.0
Total	1.4	2.0	2.1	9.6	1.7	4.5	1.3	0.4	4.8	0.0
	South Census Region									
Value of Shipments and Receipts										
(million dollars)										
Under 20	11.0	12.8	19.9	22.9	10.0	14.6	8.4	79.8	19.5	0.0
20-49	8.7	9.3	6.8	34.4	14.9	15.0	6.6	29.2	11.6	0.0
50-99	2.5	6.4	1.1	3.7	4.1	0.5	0.9	0.0	1.8	0.0
100-249	2.6	4.5	0.0	10.0	3.5	29.6	2.0	0.0	1.8	0.0
250-499	1.1	3.8	0.2	15.8	1.4	6.2	0.1	0.0	0.5	0.0
500 and Over	0.6	1.5	0.0	0.6	0.3	0.1	0.0	0.0	1.4	0.0
Total	0.7	2.0	0.3	7.8	0.8	0.3	0.8	2.1	1.3	0.0
Employment Size										
Under 50	5.1	9.9	16.1	23.7	6.7	1.1	14.1	Х	9.0	0.0
50-99	8.2	11.2	0.1	13.4	7.5	10.0	0.4	11.1	19.0	0.0
100-249	1.3	4.1	0.2	23.0	1.8	0.3	1.9	30.7	1.2	0.0
250-499	0.7	3.6	0.7	5.5	1.0	0.1	0.6	0.0	0.6	0.0
500-999	1.2	2.5	0.0	8.1	1.0	0.1	2.8	0.0	2.5	0.0
1000 and Over	0.5	4.5	0.0	6.4	0.8	0.1	0.0	0.0	0.2	0.0
Total	0.7	2.0	0.3	7.8	0.8	0.3	0.8	2.1	1.3	0.0
	West Course Design									
	West Census Region									
Value of Shipments and Receipts										
(million dollars)										
Under 20	10.7	23.5	55.0	35.7	14.8	23.5	0.0	0.0	12.9	0.8
20-49	5.8	8.6	X	17.4	10.4	33.0	0.0	0.0	9.6	X
50-99	4.6	10.7	0.0	4.0	8.9	13.7	0.2	0.0	0.3	0.1
100-249	2.3	5.5	0.0	19.3	3.0	22.7	0.0	0.0	0.1	X
250-499	2.1	5.6	0.0	3.7	2.0	18.3	0.0	0.0	1.9	
500 and Over	0.3	1.3	0.0	8.4	0.6	0.6	0.0	X	0.0	X
Total	1.2	4.4	4.5	13.3	1.9	6.7	0.0	0.0	0.8	0.6
Employment Size										
Under 50	8.5	24.8	26.7	35.9	12.7	19.1	0.0	0.0	8.3	0.6
50-99	4.7	8.5	Z0.7	10.5	8.5	35.8	0.0	X	3.0	X
100-249	2.7	8.1	0.0	7.4	4.2	9.5	0.0	0.0	0.6	x
250-499	0.8	3.5	0.0	16.6	1.2	16.0	0.5	0.0	0.3	^
500-999	1.1	3.9	0.0	4.5	1.6	26.7	0.0	0.0	0.1	^
1000 and Over	1.0	4.7	X	19.7	1.4	1.1	0.0	X	0.0	<u>^</u>
Total	1.0	4.7	4.5	13.3	1.9	6.7	0.0	0.0	0.8	0.6
Total	1.2	4.4	4.5	13.3	1.0	0.7	0.0	0.0	0.0	0.0

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

0.9

3.2

0.0

12.7

1.0

0.5

1.2

0.0

0.3

0.0

- (b) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.
- (c) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).
- (d) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

1000 and Over

- (e) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.
- (f) Hydrocarbon Gas Liquids '(HGL)' include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids (NGL).
- (g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power or as feedstock/raw material inputs. See also Footnote 'i'.
- (h) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(i) Previously, the Manufacturing Energy Consumption Survey (MECS) had accounted for energy consumed in petroleum refineries by measuring their own fuel use, assuming shipments of fuel products would later be counted in the industries that use them, and assigning the heat equivalent of the nonfuel products to the petroleum refinery (for a more detailed explanation see, "Feedstock and Offsite-Produced Fuel at Petroleum Refineries"). Starting with the 2014 MECS, however, EIA began collecting asphalt and petrochemical feedstock data from establishments that use those nonfuel products. These data are included in the 'Other' column. However, other 'Miscellaneous Nonfuel Products (i.e. lubricants, solvents, waxes, and special naphthas) from refineries, and used elsewhere throughout the manufacturing sector as energy are not collected on the MECS. An estimate of 'the Miscellaneous Nonfuel Products used in manufacturing was derived using EIA's "U.S. Product Supplied for Crude Oil and Petroleum Products" data. The Miscellaneous Nonfuel Products are shown as a separate row, 'Not Ascertained,' under the 'Subtotal' for the 'Total United States' and this row is not allocated regionally. Therefore, the sum of the regional totals will equal the United States subtotal in the previous row. Because of the changes made to the 2014 MECS, the quantity in 'Other' for the petroleum refineries in Tables 1 and 2 is now less than it would otherwise be using the previous method. Similarly, the quantities in 'Other' for Chemicals (NAICS 325 and certain subindustries) and the asphalt industries (NAICS 324121 and 324122) are now larger than they would otherwise be under the previous method. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website: https://www.eia.gov/dnay/pet/pet_cons_psup_dc_nus_mbbl_a.htm

* 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. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding. The derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; woodchips, bark, and woodwaste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Sources: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'