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**Table E12. Industrial Sector Energy Expenditure Estimates, 2018**  
(Million Dollars)

State	Primary Energy												Electricity Retail Sales	Total Energy <sup>f,g</sup>
	Coal			Natural Gas <sup>a</sup>	Petroleum						Biomass	Total <sup>f,g</sup>		
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total	Wood and Waste <sup>e</sup>			
Alabama	147	88	235	883	410	18	91	31	366	917	372	2,406	2,006	4,412
Alaska	—	(s)	(s)	15	252	1	16	(s)	158	428	(s)	443	220	663
Arizona	—	19	19	115	521	30	219	—	321	1,092	(s)	1,226	916	2,142
Arkansas	—	13	13	681	373	37	81	—	284	775	148	1,617	1,005	2,623
California	—	118	118	4,392	1,320	452	870	(s)	1,753	4,395	55	8,959	6,216	15,174
Colorado	—	10	10	441	573	41	142	—	410	1,166	1	1,618	1,172	2,790
Connecticut	—	—	—	161	61	9	45	(s)	231	347	2	510	442	952
Delaware	—	—	—	206	22	15	17	—	59	112	(s)	318	165	483
Dist. of Col.	—	—	—	—	2	(s)	5	—	46	52	—	52	16	68
Florida	—	59	59	689	669	74	490	14	651	1,898	237	2,883	1,312	4,196
Georgia	—	34	34	734	540	113	132	11	727	1,523	438	2,729	1,963	4,693
Hawaii	—	—	—	2	27	5	45	17	40	133	(s)	135	923	1,058
Idaho	—	7	7	138	267	12	71	(s)	99	449	48	642	575	1,217
Illinois	130	117	247	1,256	779	448	230	8	925	2,390	3	3,896	2,775	6,671
Indiana	527	163	691	2,456	582	61	115	6	663	1,428	5	4,579	3,235	7,814
Iowa	—	95	95	1,372	754	489	94	1	252	1,590	4	3,061	1,546	4,607
Kansas	—	6	6	483	553	22	108	25	157	865	2	1,355	796	2,151
Kentucky	—	68	68	475	349	328	63	1	502	1,243	46	1,831	1,591	3,422
Louisiana	—	21	21	3,592	572	5,344	81	40	6,292	12,329	254	16,196	1,481	17,677
Maine	—	3	3	178	71	7	27	18	60	184	106	470	283	753
Maryland	—	29	29	138	88	32	67	(s)	318	507	19	692	318	1,011
Massachusetts	—	1	1	490	86	12	92	2	385	577	4	1,071	998	2,068
Michigan	196	54	250	1,024	384	65	176	2	736	1,363	76	2,713	2,155	4,867
Minnesota	—	52	52	696	735	157	147	1	412	1,452	65	2,265	1,588	3,854
Mississippi	—	—	—	551	285	34	40	(s)	227	586	126	1,262	931	2,193
Missouri	—	42	42	432	523	63	99	(s)	374	1,059	1	1,534	966	2,500
Montana	—	10	10	108	155	3	42	—	125	326	3	446	196	642
Nebraska	—	31	31	401	451	33	73	—	121	678	1	1,111	834	1,945
Nevada	—	22	22	108	440	23	61	—	168	691	(s)	821	744	1,565
New Hampshire	—	—	—	97	35	10	21	1	87	155	2	254	263	518
New Jersey	—	—	—	325	146	467	146	—	626	1,385	2	1,711	675	2,386
New Mexico	—	5	5	35	249	14	67	—	226	557	(s)	596	458	1,054
New York	10	34	44	716	195	48	316	26	894	1,479	26	2,265	1,088	3,352
North Carolina	—	38	38	722	376	154	146	5	925	1,606	176	2,543	1,733	4,275
North Dakota	—	118	118	105	809	46	42	—	140	1,037	1	1,261	671	1,932
Ohio	432	50	482	1,770	660	260	176	26	1,197	2,319	31	4,602	3,462	8,065
Oklahoma	—	24	24	487	607	26	103	25	464	1,225	40	1,777	944	2,721
Oregon	—	5	5	272	230	35	88	1	242	596	75	948	816	1,764
Pennsylvania	667	47	714	1,868	699	532	181	5	1,260	2,677	59	5,318	3,253	8,572
Rhode Island	—	—	—	92	20	7	15	(s)	93	135	(s)	228	113	341
South Carolina	—	20	20	472	209	42	64	9	563	887	180	1,559	1,690	3,249
South Dakota	—	7	7	236	190	27	29	—	105	350	(s)	593	229	821
Tennessee	—	116	116	693	228	24	129	3	979	1,363	119	2,291	1,194	3,485
Texas	—	46	46	5,218	3,587	25,926	391	171	10,143	40,218	139	45,621	5,907	51,529
Utah	—	20	20	174	307	13	53	(s)	186	559	(s)	754	528	1,282
Vermont	—	—	—	10	63	6	11	1	69	151	(s)	161	150	312
Virginia	122	46	167	492	257	52	81	3	485	879	143	1,681	1,218	2,899
Washington	—	8	8	330	444	62	136	(s)	355	997	173	1,509	1,114	2,623
West Virginia	75	57	133	128	348	270	33	(s)	241	891	2	1,153	906	2,059
Wisconsin	—	76	76	854	443	95	118	12	633	1,300	77	2,307	1,788	4,095
Wyoming	—	74	74	226	522	16	27	—	139	703	(s)	1,003	655	1,658
United States	2,306	1,853	4,159	37,534	22,469	36,061	6,111	466	36,916	102,024	3,262	146,710	66,224	212,934

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

<sup>c</sup> Includes fuel ethanol blended into motor gasoline.

<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste.

<sup>f</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

<sup>g</sup> The U.S. total includes -\$270 million of coal coke net imports, which are not allocated to the states.

— = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Where shown, (s) = Value less than 0.5 million dollars.

Notes: Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.