

**Table P4. Primary Energy Production Estimates in Physical Units, Ranked by State, 2017**

Rank	Fossil Fuels						Renewable Energy	
	Coal <sup>a</sup>		Natural Gas <sup>b</sup>		Crude Oil <sup>c</sup>		Fuel Ethanol <sup>d</sup>	
	State	Thousand Short Tons	State	Million Cubic Feet	State	Thousand Barrels	State	Thousand Barrels
	United States	774,609	United States <sup>e</sup>	29,197,042	United States <sup>f</sup>	3,413,375	United States	379,435
1	Wyoming	316,454	Texas	7,135,494	Texas	1,272,575	Iowa	97,966
2	West Virginia	92,821	Pennsylvania	5,463,888	North Dakota	392,127	Nebraska	52,081
3	Pennsylvania	49,131	Oklahoma	2,513,896	Alaska	180,467	Illinois	41,634
4	Illinois	48,303	Louisiana	2,138,918	California	174,107	Minnesota	28,497
5	Kentucky	41,807	Ohio	1,772,933	New Mexico	171,440	Indiana	28,360
6	Texas	36,382	Colorado	1,683,388	Oklahoma	165,920	South Dakota	25,806
7	Montana	35,232	West Virginia	1,601,047	Colorado	130,732	Wisconsin	13,364
8	Indiana	31,472	Wyoming	1,585,487	Wyoming	75,669	Ohio	13,249
9	North Dakota	28,788	New Mexico	1,293,040	Louisiana	52,024	Kansas	12,137
10	Colorado	15,047	Arkansas	707,292	Kansas	35,822	North Dakota	11,565
11	Utah	14,326	North Dakota	594,054	Utah	34,205	Texas	9,429
12	New Mexico	13,844	Alaska	344,385	Montana	20,706	Michigan	8,269
13	Virginia	13,702	Utah	314,733	Ohio	18,942	Missouri	6,189
14	Alabama	12,861	Kansas	214,480	Mississippi	17,781	Tennessee	5,440
15	Ohio	9,489	California	209,327	West Virginia	9,469	California	5,289
16	Arizona	6,221	Alabama	150,084	Illinois	8,314	New York	4,227
17	Mississippi	2,604	Virginia	115,452	Alabama	6,827	Colorado	3,071
18	Louisiana	2,079	Michigan	97,000	Pennsylvania	6,573	Georgia	2,901
19	Maryland	1,808	Kentucky	88,715	Michigan	5,319	Pennsylvania	2,660
20	Alaska	959	Montana	46,090	Arkansas	5,288	Idaho	1,451
21	Oklahoma	561	Mississippi	38,435	Kentucky	2,477	Virginia	1,451
22	Tennessee	431	New York	11,395	Nebraska	2,125	Mississippi	1,306
23	Missouri	244	Indiana	5,914	Florida	1,923	Arizona	1,209
24	Arkansas	43	Idaho	3,791	Indiana	1,779	Oregon	1,015
25			Tennessee	2,982	South Dakota	1,305	Kentucky	870
26			Illinois	2,131	Nevada	286		
27			Florida	709	Tennessee	271		
28			Oregon	659	New York	184		
29			South Dakota	476	Missouri	113		
30			Nebraska	455	Idaho	91		
31			Arizona	56	Arizona	13		
32			Maryland	32	Virginia	7		
33			Nevada	3				
34			Missouri	1				
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<sup>a</sup> Includes refuse recovery.

<sup>b</sup> Marketed production.

<sup>c</sup> Includes lease condensate.

<sup>d</sup> Includes denaturant. Estimated using production capacity data.

<sup>e</sup> United States production includes federal offshore production of

natural gas in the Gulf of Mexico. Federal offshore production along the Pacific Coast is included in California.

<sup>f</sup> Includes federal offshore production of crude oil in the Gulf of Mexico and along the Pacific coast.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>