



*Independent Statistics & Analysis*  
U.S. Energy Information  
Administration

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# Monthly Biodiesel Production Report

With data for April 2014

June 2014



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## Biodiesel Highlights and Background, Data for April 2014

### *Highlights*

**Production** – U.S. production of biodiesel was 93 million gallons in April 2014. Biodiesel production during April 2014 was about 6 million gallons lower than production in March 2014. Biodiesel production from the Midwest region (Petroleum Administration for Defense District 2) was about 73 percent of the United States total. Production came from 96 biodiesel plants with capacity of 2.1 billion gallons per year.

**Sales** – Producer sales of biodiesel during April 2014 included 58 million gallons sold as B100 (100% biodiesel) and an additional 33 million gallons of B100 sold in biodiesel blends with diesel fuel derived from petroleum.

**Feedstocks** – There were a total of 699 million pounds of feedstocks used to produce biodiesel in April 2014. Soybean oil remained the largest biodiesel feedstock during April 2014 with 360 million pounds consumed.

### *Background*

The Monthly Biodiesel Production Report provides data on operations of the U.S. biodiesel industry as part of EIA's response to section 1508 of the Energy Policy Act of 2005 which directed EIA to publish information on renewable fuels including biodiesel. Data are provided for the U.S. and in selected cases by state and region.

The source of data is [Form EIA-22M Monthly Biodiesel Production Survey](#), used to collect the following information from registered producers of biodiesel.

- plant location, operating status, and annual production capacity
- production of 100% biodiesel (B100)
- biodiesel coproduct production
- stocks
- feedstock, alcohol input, and catalysts used in biodiesel production
- sales of B100 and blended biodiesel from producing plants
- sales of biodiesel to end-users

Form EIA-22M provides data necessary to monitor growth of the biodiesel industry in order to allow Congress to assess whether objectives of Section 503 of the Energy Policy Act of 1992 and Section 1508 of the Energy Policy Act of 2005 are being achieved.

**Table 1. U.S. Biodiesel production capacity and production**

million gallons

Period	Annual Production Capacity	Monthly B100 Production
<b>2012</b>		
January	2,248	74
February	2,248	79
March	2,233	95
April	2,203	94
May	2,199	102
June	2,183	93
July	2,180	89
August	2,180	91
September	2,210	82
October	2,210	75
November	2,172	57
December	2,104	59
<b>Total</b>	--	<b>991</b>
<b>2013</b>		
January	2,132	69
February	2,141	70
March	2,197	101
April	2,161	107
May	2,173	111
June	2,217	113
July	2,213	129
August	2,206	130
September	2,206	127
October	2,266	137
November	2,302	129
December	2,308	135
<b>Total</b>	--	<b>1,359</b>
<b>2014</b>		
January	1,968	73
February	2,100	76
March	2,071	99
April	2,077	93
<b>4 Month Total</b>	--	<b>340</b>
<b>2013 4 Month Total</b>	--	<b>347</b>
<b>2012 4 Month Total</b>	--	<b>341</b>

-- = Not Applicable

R = Revised

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

B100 is the industry designation for pure biodiesel; a biodiesel blend contains both pure biodiesel and petroleum diesel fuel.

Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

**Table 2. U.S. Biodiesel production, sales, and stocks**

million gallons

Period	B100 production	Sales of B100	Sales of B100 included in biodiesel blends	Ending stocks of B100	B100 stock change
<b>2012</b>					
January	74	45	16	26	12
February	79	57	15	33	7
March	95	75	17	36	2
April	94	68	24	40	5
May	102	77	33	37	(3)
June	93	80	19	31	(6)
July	89	72	18	29	(1)
August	91	73	18	30	1
September	82	62	17	32	2
October	75	62	12	33	1
November	57	53	12	26	(8)
December	59	44	10	31	5
<b>Total</b>	<b>991</b>	<b>767</b>	<b>212</b>	<b>--</b>	<b>16</b>
<b>2013</b>					
January	69	52	15	31	1
February	70	46	23	33	2
March	101	70	29	35	2
April	107	79	31	34	(1)
May	111	77	40	27	(6)
June	113	78	36	28	1
July	129	88	40	30	2
August	130	91	40	28	(2)
September	127	92	37	27	(1)
October	137	99	42	23	(3)
November	129	87	33	34	10
December	135	79	69	20	(14)
<b>Total</b>	<b>1,359</b>	<b>937</b>	<b>439</b>	<b>--</b>	<b>(11)</b>
<b>2014</b>					
January	73	50	17	26	6
February	76	52	20	32	7
March	99	67	31	36	4
April	93	58	33	39	3
<b>4 Month Total</b>	<b>340</b>	<b>227</b>	<b>102</b>	<b>--</b>	<b>19</b>
<b>2013 4 Month Total</b>	<b>347</b>	<b>247</b>	<b>99</b>	<b>--</b>	<b>3</b>
<b>2012 4 Month Total</b>	<b>341</b>	<b>244</b>	<b>72</b>	<b>--</b>	<b>26</b>

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B100 is the industry designation for pure biodiesel; a biodiesel blend contains both pure biodiesel and petroleum diesel fuel.

Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

**Table 3. U.S. Inputs to biodiesel production**

million pounds

Period	Feedstock inputs						Animal fats	
	Vegetable oils						Poultry	Tallow
	Canola oil	Corn oil	Cottonseed oil	Palm oil	Soybean oil	Other		
<b>2012</b>								
January	73	50	-	W	306	W	20	26
February	90	51	-	W	321	W	8	20
March	117	54	-	W	388	W	11	24
April	112	54	-	W	350	W	13	45
May	85	56	-	W	429	W	16	50
June	103	55	-	W	369	W	14	28
July	66	54	-	W	347	W	20	30
August	48	59	-	W	385	W	21	44
September	46	55	-	W	322	W	19	49
October	16	59	-	W	307	W	14	44
November	18	48	-	W	246	W	11	22
December	16	50	-	W	273	W	9	3
<b>Total</b>	<b>790</b>	<b>646</b>	<b>-</b>	<b>W</b>	<b>4,042</b>	<b>W</b>	<b>176</b>	<b>385</b>
<b>2013</b>								
January	16	60	-	W	313	W	7	15
February	38	61	-	W	287	W	8	28
March	39	71	-	W	443	W	9	53
April	47	71	-	W	423	W	15	56
May	33	91	-	W	416	W	20	61
June	28	98	-	W	486	2	19	58
July	55	108	-	93	480	2	17	50
August	79	106	-	W	513	2	17	51
September	44	95	-	93	502	W	14	50
October	82	103	-	100	551	W	13	23
November	80	98	-	93	535	W	11	12
December	105	104	-	63	559	W	11	8
<b>Total</b>	<b>646</b>	<b>1,068</b>	<b>-</b>	<b>632</b>	<b>5,507</b>	<b>W</b>	<b>160</b>	<b>465</b>
<b>2014</b>								
January	36	73	-	W	241	W	W	5
February	27	54	-	-	277	W	W	21
March	32	77	-	-	379	W	13	43
April	58	66	-	W	360	W	17	33
<b>4 Month Total</b>	<b>152</b>	<b>270</b>	<b>-</b>	<b>43</b>	<b>1,257</b>	<b>W</b>	<b>39</b>	<b>101</b>
<b>2013 4 Month Total</b>	<b>140</b>	<b>263</b>	<b>-</b>	<b>W</b>	<b>1,466</b>	<b>W</b>	<b>39</b>	<b>152</b>
<b>2012 4 Month Total</b>	<b>392</b>	<b>209</b>	<b>-</b>	<b>W</b>	<b>1,365</b>	<b>W</b>	<b>52</b>	<b>115</b>

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Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

**Table 3a. U.S. Inputs to biodiesel production (continuation of table 3)**

million pounds

Period	Feedstock inputs						Other inputs		
	Animal fats		Recycled feeds		Algae	Other	Alcohol	Catalysts	
	White grease	Other	Yellow grease	Other					
<b>2012</b>									
January	29	3	37	18	-	(s)	45	8	
February	29	4	41	22	-	-	47	8	
March	31	6	61	21	-	(s)	53	9	
April	41	5	67	24	-	-	56	10	
May	38	5	61	27	-	-	62	10	
June	39	4	64	27	-	-	57	10	
July	31	4	65	25	-	(s)	57	9	
August	34	4	70	28	-	(s)	55	10	
September	33	4	65	25	-	-	50	9	
October	41	4	60	29	-	(s)	48	9	
November	28	4	36	23	-	-	39	7	
December	35	2	45	21	-	(s)	38	6	
<b>Total</b>	<b>408</b>	<b>48</b>	<b>670</b>	<b>289</b>	<b>-</b>	<b>1</b>	<b>607</b>	<b>105</b>	
<b>2013</b>									
January	31	3	54	23	-	1	52	8	
February	32	3	59	23	-	(s)	48	8	
March	36	2	77	15	-	(s)	66	11	
April	48	2	84	20	-	3	71	11	
May	41	W	92	20	-	W	78	12	
June	41	4	94	26	-	W	78	12	
July	43	2	101	31	-	W	91	13	
August	41	W	97	31	-	W	91	14	
September	38	W	108	22	-	W	90	13	
October	36	1	107	28	-	W	96	14	
November	34	W	91	32	-	W	88	12	
December	45	W	84	39	(s)	W	92	13	
<b>Total</b>	<b>468</b>	<b>W</b>	<b>1,046</b>	<b>310</b>	<b>(s)</b>	<b>W</b>	<b>940</b>	<b>139</b>	
<b>2014</b>									
January	25	W	60	11	-	21	54	8	
February	41	4	76	22	-	W	62	10	
March	41	3	93	21	W	W	77	9	
April	39	4	86	26	-	W	68	9	
<b>4 Month Total</b>	<b>146</b>	<b>W</b>	<b>315</b>	<b>80</b>	<b>W</b>	<b>W</b>	<b>261</b>	<b>37</b>	
<b>2013 4 Month Total</b>	<b>147</b>	<b>10</b>	<b>274</b>	<b>81</b>	<b>-</b>	<b>-</b>	<b>237</b>	<b>38</b>	
<b>2012 4 Month Total</b>	<b>130</b>	<b>18</b>	<b>206</b>	<b>85</b>	<b>-</b>	<b>-</b>	<b>201</b>	<b>35</b>	

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Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

**Table 4. Biodiesel producers and production capacity by state, April 2014**

State	Number of producers	Annual production capacity (million gallons per year)
Alabama	2	46
Alaska	-	-
Arizona	1	2
Arkansas	2	63
California	7	59
Colorado	-	-
Connecticut	2	13
Delaware	-	-
District of Columbia	-	-
Florida	1	8
Georgia	3	16
Hawaii	1	6
Idaho	1	0
Illinois	5	167
Indiana	2	104
Iowa	10	290
Kansas	1	1
Kentucky	2	49
Louisiana	1	12
Maine	1	1
Maryland	-	-
Massachusetts	1	1
Michigan	1	0
Minnesota	3	71
Mississippi	3	105
Missouri	8	196
Montana	-	-
Nebraska	-	-
Nevada	1	1
New Hampshire	1	4
New Jersey	-	-
New Mexico	-	-
New York	1	0
North Carolina	3	9
North Dakota	1	85
Ohio	2	64
Oklahoma	2	52
Oregon	1	17
Pennsylvania	3	51
Rhode Island	1	1
South Carolina	2	40
South Dakota	-	-
Tennessee	1	2
Texas	10	414
Utah	1	10
Vermont	-	-
Virginia	3	9
Washington	3	104
West Virginia	-	-
Wisconsin	2	8
Wyoming	-	-
<b>U.S. Total</b>	<b>96</b>	<b>2,077</b>

- = No data reported.

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

Number of producers is a count of plants with operable capacity during the report month.

Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

**Table 5. Biodiesel (B100) production by Petroleum Administration for Defense District (PADD)**

million gallons

Period	PADD					U.S.
	East Coast (PADD 1)	Midwest (PADD 2)	Gulf Coast (PADD 3)	Rocky Mountain (PADD 4)	West Coast (PADD 5)	
<b>2012</b>						
January	5	50	15	(s)	3	73
February	4	54	17	(s)	3	78
March	6	67	17	(s)	4	94
April	6	64	20	1	3	94
May	7	72	19	1	4	103
June	6	68	16	(s)	3	93
July	5	67	14	(s)	3	89
August	6	67	16	(s)	2	91
September	6	61	13	(s)	3	83
October	5	55	14	(s)	2	76
November	2	45	8	(s)	2	57
December	5	49	4	1	1	60
<b>Total</b>	<b>63</b>	<b>719</b>	<b>173</b>	<b>3</b>	<b>33</b>	<b>991</b>
<b>2013</b>						
January	4	54	9	(s)	2	69
February	4	52	11	(s)	2	69
March	5	69	21	(s)	6	101
April	6	71	23	(s)	7	107
May	5	76	20	(s)	10	111
June	6	80	22	(s)	5	113
July	7	83	30	(s)	9	129
August	7	87	29	(s)	6	129
September	6	82	30	(s)	9	127
October	7	89	31	1	10	138
November	7	85	28	(s)	9	129
December	6	86	34	(s)	9	135
<b>Total</b>	<b>70</b>	<b>914</b>	<b>288</b>	<b>1</b>	<b>84</b>	<b>1,357</b>
<b>2014</b>						
January	3	50	17	(s)	2	72
February	5	57	10	(s)	4	76
March	5	75	12	(s)	6	98
April	6	68	14	(s)	5	93
<b>4 Month Total</b>	<b>19</b>	<b>250</b>	<b>53</b>	<b>(s)</b>	<b>17</b>	<b>339</b>
<b>2013 4 Month Total</b>	<b>19</b>	<b>246</b>	<b>64</b>	<b>(s)</b>	<b>17</b>	<b>346</b>
<b>2012 4 Month Total</b>	<b>21</b>	<b>235</b>	<b>69</b>	<b>1</b>	<b>13</b>	<b>339</b>

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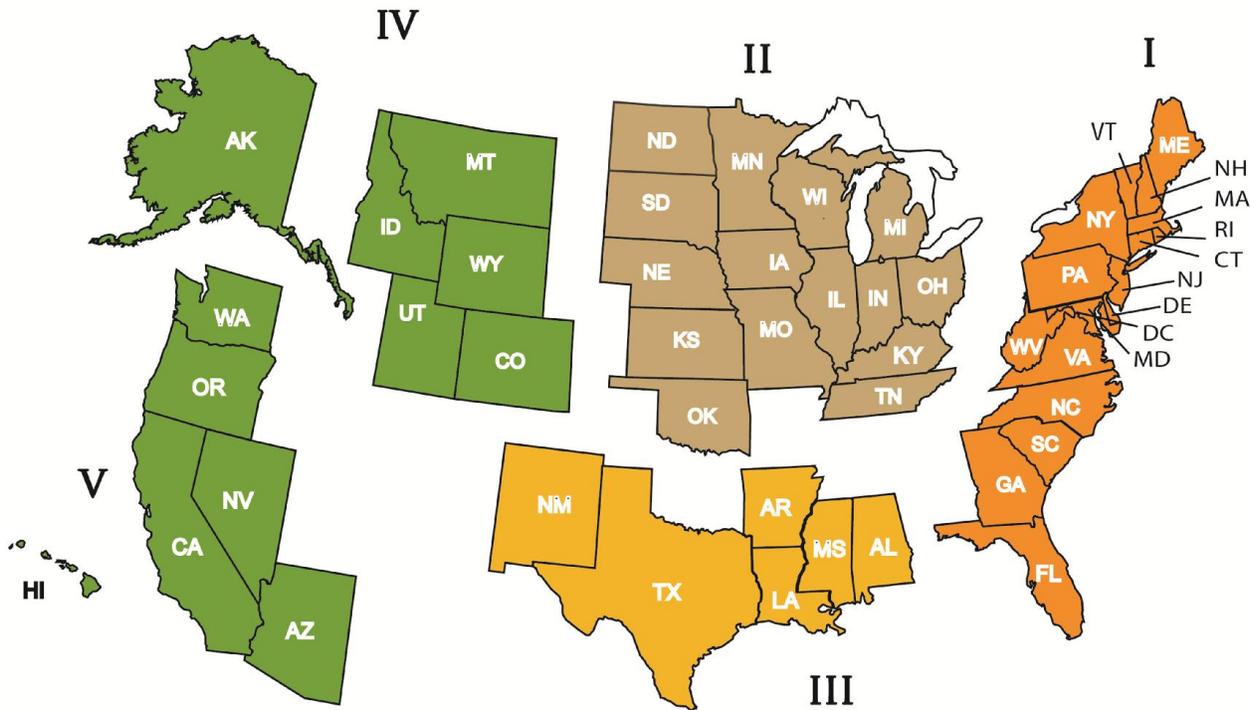
Totals may not equal the sum of components due to independent rounding.

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See Appendix A for a map of states included in each PADD.

Source: U.S. Energy Information Administration, Form EIA-22M "Monthly Biodiesel Production Survey"

## Appendix A Petroleum Administration for Defense Districts (PADD)



NOTE: MAP NOT TO SCALE.