

**Table E15. World unconventional liquids production by region and country, Traditional Low Oil Price case, 2007-2035**  
(Million barrels per day)

Region/country	History (estimates)			Projections					Average annual percent change, 2008-2035
	2007	2008	2009	2015	2020	2025	2030	2035	
<b>OPEC<sup>a</sup></b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>	<b>1.5</b>	<b>2.4</b>	<b>2.9</b>	<b>3.4</b>	<b>3.8</b>	<b>6.7</b>
Biofuels	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Extra-heavy oil (Venezuela)	0.6	0.7	0.5	1.4	2.2	2.7	3.2	3.6	6.5
Coal-to-liquids	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Gas-to-liquids (primarily Qatar)	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	14.9
<b>Non-OPEC</b>	<b>2.8</b>	<b>3.2</b>	<b>3.7</b>	<b>4.1</b>	<b>4.7</b>	<b>5.3</b>	<b>6.2</b>	<b>7.0</b>	<b>2.9</b>
<b>OECD</b>	<b>2.0</b>	<b>2.4</b>	<b>2.7</b>	<b>3.4</b>	<b>3.8</b>	<b>4.3</b>	<b>4.9</b>	<b>5.2</b>	<b>2.9</b>
Biofuels	0.6	0.9	1.0	1.2	1.3	1.6	1.9	2.1	3.3
Oil sands/bitumen (Canada)	1.4	1.5	1.7	2.2	2.4	2.7	2.9	3.1	2.6
Extra-heavy oil (Mexico)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Coal-to-liquids	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	18.7
Gas-to-liquids	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Shale oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
<b>Non-OECD</b>	<b>0.7</b>	<b>0.9</b>	<b>1.0</b>	<b>0.7</b>	<b>0.9</b>	<b>1.0</b>	<b>1.4</b>	<b>1.8</b>	<b>2.7</b>
Biofuels	0.5	0.6	0.8	0.5	0.7	0.7	1.0	1.4	2.9
Extra-heavy oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
Coal-to-liquids	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.3	2.8
Gas-to-liquids	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.0
Shale oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.8
<b>World</b>									
Biofuels	1.2	1.5	1.8	1.7	2.0	2.3	2.9	3.5	3.1
Oil sands/bitumen	1.4	1.5	1.7	2.2	2.4	2.7	2.9	3.1	2.6
Extra-heavy oil	0.6	0.7	0.5	1.4	2.2	2.7	3.2	3.6	6.5
Coal-to-liquids	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	3.8
Gas-to-liquids	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	5.8
Shale oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.8
<b>World total</b>	<b>3.4</b>	<b>3.9</b>	<b>4.2</b>	<b>5.6</b>	<b>7.1</b>	<b>8.2</b>	<b>9.6</b>	<b>10.8</b>	<b>3.8</b>
<b>Selected country highlights</b>									
<b>Biofuels</b>									
Brazil	0.3	0.5	0.6	0.4	0.6	0.6	0.8	1.1	3.1
China	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	5.7
India	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
United States	0.5	0.7	0.8	1.1	1.1	1.5	1.7	1.9	4.0
<b>Coal-to-liquids</b>									
Australia and New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
China	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	22.2
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.0
India	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
South Africa	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	-2.4
United States	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	--
<b>Gas-to-liquids</b>									
Qatar	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	14.3
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.3

<sup>a</sup>OPEC=Organization of the Petroleum Exporting Countries (OPEC-13).

Sources: History: U.S. Energy Information Administration (EIA), Office of Energy Markets and End Use. Projections: EIA, Generate World Oil Balance Model (2011).