

**Table A11. World carbon dioxide emissions from liquids use by region, Reference case, 2011–40**  
(million metric tons carbon dioxide)

Region	History		Projections					Average annual percent change, 2012–40
	2011	2012	2020	2025	2030	2035	2040	
<b>OECD</b>								
OECD Americas	<b>2,881</b>	<b>2,838</b>	<b>2,861</b>	<b>2,812</b>	<b>2,785</b>	<b>2,794</b>	<b>2,812</b>	<b>0.0</b>
United States <sup>a</sup>	2,291	2,240	2,269	2,227	2,182	2,163	2,147	-0.2
Canada	289	291	291	289	290	295	304	0.2
Mexico and Chile	301	307	301	296	313	335	361	0.6
OECD Europe	<b>1,969</b>	<b>1,903</b>	<b>1,823</b>	<b>1,804</b>	<b>1,815</b>	<b>1,832</b>	<b>1,854</b>	<b>-0.1</b>
OECD Asia	<b>942</b>	<b>980</b>	<b>912</b>	<b>897</b>	<b>892</b>	<b>892</b>	<b>891</b>	<b>-0.3</b>
Japan	537	568	473	452	442	430	411	-1.1
South Korea	248	253	263	264	267	272	280	0.4
Australia and New Zealand	157	160	176	181	184	189	199	0.8
<b>Total OECD</b>	<b>5,792</b>	<b>5,721</b>	<b>5,595</b>	<b>5,513</b>	<b>5,492</b>	<b>5,517</b>	<b>5,557</b>	<b>-0.1</b>
<b>Non-OECD</b>								
Non-OECD Europe and Eurasia	<b>698</b>	<b>723</b>	<b>807</b>	<b>852</b>	<b>860</b>	<b>865</b>	<b>855</b>	<b>0.6</b>
Russia	425	436	485	506	501	498	481	0.3
Other	273	286	322	346	358	366	374	1.0
Non-OECD Asia	<b>2,706</b>	<b>2,786</b>	<b>3,501</b>	<b>3,854</b>	<b>4,219</b>	<b>4,632</b>	<b>5,090</b>	<b>2.2</b>
China	1,257	1,306	1,665	1,806	1,932	2,038	2,124	1.8
India	414	435	573	657	756	889	1,055	3.2
Other	1,035	1,045	1,263	1,391	1,531	1,705	1,910	2.2
Middle East	<b>1,050</b>	<b>1,068</b>	<b>1,401</b>	<b>1,452</b>	<b>1,560</b>	<b>1,696</b>	<b>1,814</b>	<b>1.9</b>
Africa	<b>481</b>	<b>495</b>	<b>639</b>	<b>714</b>	<b>776</b>	<b>858</b>	<b>977</b>	<b>2.5</b>
Non-OECD Americas	<b>878</b>	<b>902</b>	<b>990</b>	<b>1,052</b>	<b>1,106</b>	<b>1,170</b>	<b>1,251</b>	<b>1.2</b>
Brazil	376	390	424	463	500	538	578	1.4
Other	502	512	566	589	606	632	672	1.0
<b>Total Non-OECD</b>	<b>5,812</b>	<b>5,974</b>	<b>7,339</b>	<b>7,925</b>	<b>8,521</b>	<b>9,220</b>	<b>9,987</b>	<b>1.9</b>
<b>Total World</b>	<b>11,604</b>	<b>11,695</b>	<b>12,934</b>	<b>13,439</b>	<b>14,013</b>	<b>14,737</b>	<b>15,543</b>	<b>1.0</b>

<sup>a</sup>Includes the 50 States and the District of Columbia.

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

Sources: History: U.S. Energy Information Administration (EIA), International Energy Statistics database (as of May 2015), [www.eia.gov/ies](http://www.eia.gov/ies).

Projections: EIA, *Annual Energy Outlook 2015*, DOE/EIA-0383(2015) (Washington, DC: April 2015); AEO2015 National Energy Modeling System, run REF2015.D021915A, [www.eia.gov/aeo](http://www.eia.gov/aeo); and World Energy Projection System Plus (2016), run IEO2016-reference\_final\_2016.02.19\_115008.