

**Table A12. World carbon dioxide emissions from natural gas 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>1,666</b>	<b>1,715</b>	<b>1,766</b>	<b>1,849</b>	<b>1,965</b>	<b>2,063</b>	<b>2,167</b>	<b>0.8</b>
United States <sup>a</sup>	1,305	1,363	1,394	1,432	1,497	1,538	1,586	0.5
Canada	205	205	213	234	261	287	310	1.5
Mexico and Chile	156	147	158	184	207	238	271	2.2
OECD Europe	<b>1,016</b>	<b>970</b>	<b>1,046</b>	<b>1,122</b>	<b>1,218</b>	<b>1,291</b>	<b>1,383</b>	<b>1.3</b>
OECD Asia	<b>435</b>	<b>446</b>	<b>506</b>	<b>556</b>	<b>588</b>	<b>641</b>	<b>691</b>	<b>1.6</b>
Japan	251	260	288	316	321	332	337	0.9
South Korea	98	105	126	131	140	160	177	1.9
Australia and New Zealand	86	80	92	109	127	149	177	2.9
<b>Total OECD</b>	<b>3,117</b>	<b>3,131</b>	<b>3,317</b>	<b>3,527</b>	<b>3,771</b>	<b>3,995</b>	<b>4,241</b>	<b>1.1</b>
<b>Non-OECD</b>								
Non-OECD Europe and Eurasia	<b>1,240</b>	<b>1,255</b>	<b>1,227</b>	<b>1,301</b>	<b>1,364</b>	<b>1,416</b>	<b>1,415</b>	<b>0.4</b>
Russia	834	855	835	860	881	897	871	0.1
Other	405	400	392	441	484	519	544	1.1
Non-OECD Asia	<b>797</b>	<b>825</b>	<b>1,139</b>	<b>1,492</b>	<b>1,867</b>	<b>2,333</b>	<b>2,788</b>	<b>4.4</b>
China	257	281	506	750	973	1,256	1,527	6.2
India	125	117	130	162	212	277	339	3.9
Other	415	426	504	580	682	800	923	2.8
Middle East	<b>771</b>	<b>817</b>	<b>987</b>	<b>1,142</b>	<b>1,310</b>	<b>1,456</b>	<b>1,609</b>	<b>2.5</b>
Africa	<b>219</b>	<b>251</b>	<b>306</b>	<b>349</b>	<b>429</b>	<b>524</b>	<b>621</b>	<b>3.3</b>
Non-OECD Americas	<b>285</b>	<b>289</b>	<b>329</b>	<b>372</b>	<b>411</b>	<b>458</b>	<b>509</b>	<b>2.0</b>
Brazil	50	60	76	84	94	106	122	2.6
Other	235	229	254	288	318	352	387	1.9
<b>Total Non-OECD</b>	<b>3,312</b>	<b>3,436</b>	<b>3,989</b>	<b>4,656</b>	<b>5,382</b>	<b>6,188</b>	<b>6,943</b>	<b>2.5</b>
<b>Total World</b>	<b>6,429</b>	<b>6,566</b>	<b>7,306</b>	<b>8,183</b>	<b>9,153</b>	<b>10,183</b>	<b>11,184</b>	<b>1.9</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.