

Table E4. World Oil Production by Region and Country, Reference Case, 1990-2030
(Million Barrels per Day)

Region/Country	History (Estimates)		Projections				
	1990	2003	2010	2015	2020	2025	2030
Conventional Production	66.5	77.9	86.7	91.4	96.1	101.0	106.4
OPEC	24.4	30.0	36.1	38.1	38.6	40.5	43.0
Asia	1.5	1.4	1.5	1.4	1.3	1.2	1.1
Middle East	16.1	21.2	25.2	26.6	27.3	29.0	31.2
North Africa	2.7	3.0	3.5	3.7	3.7	3.6	3.5
West Africa	1.8	2.0	2.4	2.6	2.6	2.8	3.1
South America	2.3	2.5	3.4	3.8	3.7	3.9	4.2
Non-OPEC	42.1	47.8	50.6	53.3	57.4	60.5	63.4
OECD	20.1	22.2	22.0	21.6	21.7	21.2	20.7
OECD North America	14.7	14.8	15.0	15.2	15.4	15.4	15.4
United States	9.7	8.6	9.4	9.6	9.5	9.1	8.9
Canada	2.0	2.3	1.7	1.4	1.5	1.5	1.4
Mexico	3.0	3.8	4.0	4.2	4.5	4.8	5.0
OECD Europe	4.6	6.7	6.0	5.4	5.3	4.9	4.5
OECD Asia	0.8	0.8	1.0	0.9	0.9	0.9	0.9
Japan	0.1	0.1	0.1	0.1	0.1	0.1	0.1
South Korea	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Australia and New Zealand	0.7	0.7	0.9	0.8	0.8	0.8	0.8
Non-OECD	21.9	25.6	28.6	31.8	35.7	39.3	42.7
Non-OECD Europe and Eurasia	11.6	10.6	12.7	14.3	16.1	17.7	19.1
Russia	11.3	8.5	9.5	9.9	10.7	11.1	11.3
Caspian Area	0.0	1.9	3.0	4.2	5.2	6.2	7.4
Other	0.3	0.2	0.3	0.3	0.3	0.4	0.4
Non-OECD Asia	4.4	6.0	5.9	5.7	5.9	5.9	5.7
China	2.8	3.3	3.4	3.2	3.3	3.3	3.2
India	0.7	0.8	1.1	1.2	1.3	1.4	1.4
Other	1.0	1.9	1.4	1.3	1.3	1.2	1.1
Middle East	1.3	1.9	2.0	2.2	2.4	2.7	2.9
Africa	2.2	3.1	3.6	4.5	5.4	6.7	8.0
Central and South America	2.4	4.0	4.3	5.0	5.8	6.4	7.0
Brazil	0.8	1.7	2.4	2.8	3.2	3.5	3.9
Other	1.6	2.4	2.0	2.3	2.6	2.9	3.2
Unconventional Production	0.0	1.8	4.9	6.9	8.0	9.7	11.5
United States	0.0	0.2	0.5	0.7	0.9	1.3	1.5
Other North America	0.0	0.8	1.8	2.3	2.7	3.2	3.6
OECD Europe	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Asia	0.0	0.2	0.7	1.1	1.3	1.5	2.1
Middle East	0.0	0.0	0.5	0.6	0.7	0.9	1.1
Africa	0.0	0.1	0.2	0.4	0.5	0.7	0.9
Central and South America	0.0	0.5	1.1	1.7	1.8	2.1	2.3
Total Liquids Production	66.5	79.6	91.6	98.3	104.1	110.7	118.0
OPEC	24.5	30.7	37.3	39.7	40.4	42.5	45.3
Non-OPEC	42.1	48.9	54.4	58.6	63.7	68.2	72.6
Persian Gulf Production as a Percentage of World Consumption	26.2%	29.6%	32.0%	32.2%	31.6%	32.2%	33.0%

Notes: OPEC = Organization of Petroleum Exporting Countries. Conventional production includes crude oil (including lease condensates), natural gas liquids, other hydrogen hydrocarbons for refinery feedstocks, refinery gains, alcohol, and liquids produced from coal and other sources. Unconventional liquids include production from oil sands, ultra-heavy oils, gas-to-liquids technologies, coal-to-liquids technologies, biofuel technologies, and shale oil. Totals may not equal sum of components due to independent rounding.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, System for the Analysis of Global Energy Markets (2006); and U.S. Department of the Interior, U.S. Geological Survey, *World Petroleum Assessment 2000* (Reston, VA, July 2000).