

## Energy Production\*

Million tonnes oil equivalent ^	1990	1995	2000	2005	2010	2013	2015	2020	2025	2030	2035
North America	654.5	645.7	642.6	637.9	638.8	781.1	905.8	1045.0	1087.8	1135.3	1154.8
S & C America	233.9	300.1	343.8	374.9	377.8	374.4	392.4	442.7	501.4	549.8	566.9
Europe & Eurasia	788.3	669.4	728.6	850.0	861.1	834.8	831.4	843.7	841.5	816.1	803.3
Middle East	851.8	979.2	1151.1	1226.0	1217.1	1329.3	1317.6	1270.5	1392.2	1498.5	1566.2
Africa	320.9	339.3	370.8	474.1	482.7	418.6	399.0	438.7	445.3	434.4	436.1
Asia Pacific	326.0	352.4	383.5	384.6	401.7	392.0	397.8	400.2	381.0	364.0	356.4
<b>Total Oil Production^</b>	<b>3175.4</b>	<b>3286.1</b>	<b>3620.4</b>	<b>3947.5</b>	<b>3979.3</b>	<b>4130.2</b>	<b>4244.0</b>	<b>4440.8</b>	<b>4649.2</b>	<b>4798.1</b>	<b>4883.7</b>
North America	584.0	651.7	694.0	683.1	745.2	817.5	869.7	1004.9	1114.0	1204.6	1279.1
S & C America	52.3	68.0	91.1	126.5	146.9	158.7	161.5	177.1	190.3	198.9	211.0
Europe & Eurasia	865.1	789.2	842.6	926.0	924.2	929.6	930.7	960.7	1049.4	1061.6	1081.6
Middle East	93.9	133.2	186.7	286.8	431.0	511.4	564.5	670.8	733.6	789.7	831.6
Africa	61.9	76.7	116.6	159.3	192.8	183.9	203.3	225.2	258.9	366.9	405.4
Asia Pacific	135.7	190.3	244.9	326.7	437.8	440.1	511.1	620.9	624.9	656.9	758.0
<b>Total Natural Gas Production</b>	<b>1792.9</b>	<b>1909.1</b>	<b>2175.9</b>	<b>2508.3</b>	<b>2878.0</b>	<b>3041.3</b>	<b>3240.9</b>	<b>3659.6</b>	<b>3971.0</b>	<b>4278.6</b>	<b>4566.7</b>
North America	609.2	602.3	614.6	621.6	594.0	545.6	537.3	498.1	467.8	445.5	389.6
S & C America	18.5	22.8	33.9	46.3	52.7	62.0	60.0	61.7	63.5	65.3	68.5
Europe & Eurasia	717.7	499.2	430.4	440.7	435.3	450.2	427.5	402.1	392.8	388.3	385.3
Middle East	0.5	0.7	0.7	1.0	0.6	0.7	0.7	0.7	0.7	0.6	0.6
Africa	105.1	121.9	130.7	141.1	147.9	147.2	156.9	162.3	170.7	181.7	198.4
Asia Pacific	799.0	993.2	1076.7	1692.2	2317.2	2675.7	2684.7	3139.7	3298.1	3410.6	3543.2
<b>Total Coal Production</b>	<b>2250.0</b>	<b>2240.0</b>	<b>2286.9</b>	<b>2942.9</b>	<b>3547.8</b>	<b>3881.4</b>	<b>3867.0</b>	<b>4264.6</b>	<b>4393.5</b>	<b>4492.1</b>	<b>4585.7</b>
North America	154.5	184.3	197.8	209.4	213.8	213.7	231.7	238.5	238.0	234.3	186.2
S & C America	2.2	2.2	2.8	3.8	4.9	4.7	5.3	6.5	7.9	8.6	9.4
Europe & Eurasia	229.2	243.7	267.4	285.4	272.9	263.0	266.1	259.8	254.5	254.9	255.2
Middle East	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.2	3.4	4.8	7.2
Africa	2.0	2.7	3.1	2.7	2.9	3.1	3.1	3.1	3.1	4.4	6.3
Asia Pacific	65.2	93.0	113.3	125.2	131.7	77.8	125.9	210.8	272.9	327.9	377.7
<b>Total Nuclear Energy Production</b>	<b>453.1</b>	<b>525.9</b>	<b>584.3</b>	<b>626.4</b>	<b>626.2</b>	<b>563.2</b>	<b>633.2</b>	<b>719.9</b>	<b>779.8</b>	<b>835.0</b>	<b>841.9</b>
North America	139.2	152.9	151.2	150.1	147.2	156.3	164.7	169.1	173.8	176.2	178.9
S & C America	82.3	105.5	126.0	141.6	158.7	158.1	165.8	192.1	226.1	250.4	274.6
Europe & Eurasia	162.7	178.8	189.2	180.1	197.7	201.3	200.1	206.0	212.3	218.8	225.1
Middle East	2.2	2.8	1.8	5.1	4.0	5.7	5.3	6.0	7.7	8.5	9.4
Africa	12.9	13.8	16.9	20.5	24.5	25.7	26.3	31.7	41.1	50.8	60.4
Asia Pacific	90.6	109.2	117.2	164.4	251.8	308.7	335.6	369.3	412.2	456.6	500.9
<b>Total Hydroelectricity Production</b>	<b>489.8</b>	<b>562.9</b>	<b>602.4</b>	<b>661.8</b>	<b>783.9</b>	<b>855.8</b>	<b>897.8</b>	<b>974.1</b>	<b>1073.2</b>	<b>1161.2</b>	<b>1249.3</b>
North America	1.4	2.5	3.1	7.6	26.3	29.5	31.4	35.6	41.4	45.1	48.5
S & C America	5.7	6.2	5.3	8.1	18.0	18.8	20.8	25.1	30.4	35.3	40.8
Europe & Eurasia	0.0	0.3	0.7	3.2	11.2	11.0	10.4	13.6	15.6	15.7	15.2
Middle East	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8	1.3	4.7
Asia Pacific	0.0	0.0	0.1	0.8	4.0	6.1	5.6	7.3	11.2	16.4	22.8
<b>Total Biofuels Production</b>	<b>7.1</b>	<b>9.0</b>	<b>9.2</b>	<b>19.7</b>	<b>59.6</b>	<b>65.3</b>	<b>68.3</b>	<b>82.1</b>	<b>99.4</b>	<b>113.9</b>	<b>132.1</b>
North America	16.5	19.5	21.4	25.5	45.4	65.4	78.8	104.9	150.7	197.9	237.7
S & C America	2.2	2.8	4.0	6.4	11.0	18.3	19.6	32.6	45.7	57.3	74.6
Europe & Eurasia	4.5	7.2	14.8	35.2	71.2	115.5	133.6	179.9	229.3	278.6	330.7
Middle East	0.0	0.0	0.0	0.0	0.1	0.2	0.5	3.3	6.6	11.4	18.5
Africa	0.1	0.1	0.4	0.8	1.3	1.7	3.0	8.3	13.8	21.6	31.5
Asia Pacific	5.2	7.7	11.1	17.2	39.1	78.2	111.0	207.2	308.4	401.8	484.3
<b>Total Renewables Production*</b>	<b>28.6</b>	<b>37.4</b>	<b>51.8</b>	<b>85.1</b>	<b>168.0</b>	<b>279.3</b>	<b>346.5</b>	<b>536.3</b>	<b>754.6</b>	<b>968.6</b>	<b>1177.4</b>
<b>Total Energy Production</b>	<b>8196.9</b>	<b>8570.4</b>	<b>9331.0</b>	<b>10791.8</b>	<b>12042.7</b>	<b>12816.5</b>	<b>13297.8</b>	<b>14677.3</b>	<b>15720.8</b>	<b>16647.6</b>	<b>17436.7</b>
of which: OECD #	3442.1	3666.8	3842.2	3844.5	3901.7	4020.0	4261.2	4685.7	4879.6	5083.1	5194.1
Non-OECD	4754.8	4903.7	5488.7	6947.3	8141.0	8796.5	9036.6	9991.7	10841.2	11564.5	12242.6
European Union #	898.0	913.3	899.3	844.5	786.0	754.0	748.0	725.2	707.4	704.3	716.2
Europe	1095.4	1161.2	1194.7	1149.1	1081.5	1039.2	1039.1	1025.9	1011.4	1003.4	1006.6
Former Soviet Union †	1672.2	1226.5	1279.0	1571.4	1692.2	1766.0	1840.1	1983.9	2030.7	2089.7	2089.7
US	1664.4	1669.7	1676.4	1633.0	1749.8	1910.5	2108.9	2329.7	2441.3	2546.1	2518.0
China	720.7	892.4	934.0	1504.0	2100.5	2429.4	2516.4	3032.7	3243.2	3406.6	3576.4
India	153.4	190.4	213.8	253.7	342.2	350.5	374.6	443.6	530.4	638.9	761.5

\*Energy production comprises commercially traded fuels, including modern renewables used to generate electricity.

^Oil Production is measured in million tonnes; other fuels in million tonnes of oil equivalent.

# Includes wind power, solar electricity and other renewables.

# Memberships as at 1/1/2015.

† Excludes states now in the European Union.