

WORLDWIDE LOOK AT RESERVES AND PRODUCTION

COUNTRY	ESTIMATED PROVED RESERVES				OIL PRODUCTION		
	Jan. 1, 2023		Jan. 1, 2022		Forecast 2022 1,000 b/d	Change from 2021 %	Estimated 2021 1,000 b/d
	Oil, ¹ 1,000 bbl	Gas, bcf	Oil, ¹ 1,000 bbl	Gas, bcf			
ASIA-PACIFIC							
Afghanistan	—	1,750	—	1,750	—	—	—
Australia	1,803,000	96,480	1,803,000	96,480	420	-4.5	440
Bangladesh	28,000	2,470	28,000	3,900	11	0.0	11
Brunei	1,100,000	9,200	1,100,000	9,200	100	-6.5	107
China	27,003,480	255,991	26,491,080	247,224	4,150	3.9	3,995
China, Taiwan	2,380	220	2,380	220	0	0.0	0
India	4,369,735	48,473	4,488,998	48,447	706	-5.9	750
Indonesia	2,250,000	41,620	2,440,000	43,570	660	-3.4	683
Japan	44,115	738	44,115	738	10	0.0	10
Malaysia	3,600,000	42,000	3,600,000	42,000	551	-1.6	560
Myanmar	139,000	22,500	139,000	22,500	11	0.0	11
New Zealand	42,665	1,057	41,680	1,046	19	-13.6	22
Pakistan	540,000	20,914	540,000	20,914	93	-7.9	101
Papua New Guinea	143,387	5,986	143,387	5,986	36	-2.7	37
Philippines	138,500	3,480	138,500	3,480	10	0.0	10
South Korea	—	250	—	250	0	0.0	0
Thailand	181,090	3,444	297,740	3,948	157	-11.3	177
Vietnam	4,400,000	24,700	4,400,000	24,700	190	-5.0	200
Total Asia-Pacific	45,785,352	581,273	45,697,881	576,354	7,125	0.1	7,115
WESTERN EUROPE							
Austria	31,400	152	34,000	155	10	-7.3	11
Denmark	339,649	989	427,706	1,024	67	-2.1	68
France	82,976	590	129,155	657	13	-3.1	13
Germany	120,240	498	131,040	745	33	-7.5	36
Greece	10,000	35	10,000	35	2	0.0	2
Ireland	—	350	—	350	—	—	—
Italy	544,351	1,407	545,034	1,572	89	-8.7	97
Netherlands	65,162	3,270	72,962	3,263	31	-5.8	33
Norway	7,572,919	51,170	7,744,543	50,863	1,960	-3.3	2,026
Spain	150,000	90	150,000	90	3	0.0	3
Turkey	371,000	111	371,000	111	67	-4.7	70
United Kingdom	1,800,000	5,220	2,000,000	4,640	850	-4.5	890
Total Western Europe	11,087,697	63,883	11,615,440	63,505	3,124.0	-3.8	3,248.9
EASTERN EUROPE and FSU							
Albania	150,000	201	150,000	201	16	0.0	16
Azerbaijan	7,000,000	60,000	7,000,000	60,000	680	-4.0	708
Belarus	198,000	100	198,000	100	34	0.0	34
Bulgaria	15,000	200	15,000	200	1	0.0	1
Croatia	71,000	880	71,000	880	12	1.4	11
Czech Republic	15,000	140	15,000	140	2	0.0	2
Georgia	35,000	300	35,000	300	0	0.0	0
Hungary	12,500	158	13,300	166	18	-0.2	18
Kazakhstan	30,000,000	85,000	30,000,000	85,000	1,843	-1.2	1,865
Kyrgyzstan	40,000	200	40,000	200	1	0.0	1
Lithuania	12,000	—	12,000	—	2	0.0	2
Poland	115,000	3,329	106,000	3,289	17	-3.3	18
Romania	600,000	3,725	600,000	3,725	66	-10.8	74
Russia	80,000,000	1,688,228	80,000,000	1,688,228	10,950	0.7	10,870
Serbia	77,500	1,700	77,500	1,700	15	0.0	15
Slovakia	9,000	500	9,000	500	—	—	—
Tajikistan	12,000	200	12,000	200	0	0.0	0
Turkmenistan	600,000	400,000	600,000	400,000	260	4.0	250
Ukraine	395,000	39,000	395,000	39,000	58	0.0	58
Uzbekistan	594,000	65,000	594,000	65,000	53	0.0	53
Total Eastern Europe and FSU	119,951,000	2,348,861	119,942,800	2,348,829	14,028	0.2	13,997
MIDDLE EAST							
Bahrain	169,900	2,410	169,900	2,410	200	8.1	185
Iran	208,600,000	1,200,252	208,600,000	1,203,395	3,588	4.0	3,450
Iraq	145,019,000	131,156	145,019,000	131,156	4,400	5.7	4,162
Israel	12,730	6,216	12,730	6,216	1	0.0	1
Jordan	1,000	213	1,000	213	—	—	—

COUNTRY	ESTIMATED PROVED RESERVES				OIL PRODUCTION		
	Jan. 1, 2023		Jan. 1, 2022		Forecast 2022 1,000 b/d	Change from 2021 %	Estimated 2021 1,000 b/d
	Oil, ¹ 1,000 bbl	Gas, bcf	Oil, ¹ 1,000 bbl	Gas, bcf			
Kuwait*	101,500,000	63,000	101,500,000	63,000	3,000	10.3	2,720
Oman	5,373,000	23,000	5,373,000	23,000	1,050	7.1	980
Qatar	25,244,000	842,627	25,244,000	842,627	1,850	1.9	1,815
Saudi Arabia*	267,192,000	300,416	261,600,000	297,980	11,812	9.2	10,816
Syria	2,500,000	8,500	2,500,000	8,500	25	0.0	25
United Arab Emirates	111,000,000	289,575	107,000,000	272,836	3,800	11.8	3,400
Yemen	3,000,000	16,900	3,000,000	16,900	70	2.9	68
Total Middle East	869,611,630	2,884,266	860,019,630	2,868,233	29,796	7.9	27,622
AFRICA							
Algeria	12,200,000	159,054	12,200,000	159,054	1,462	3.3	1,415
Angola	2,516,000	10,630	7,231,000	10,630	1,260	5.0	1,200
Benin	8,000	40	8,000	40	—	—	—
Cameroon	200,000	4,770	200,000	4,770	63	0.0	63
Chad	1,500,000	—	1,500,000	—	70	-20.5	88
Congo (former Zaire)	180,000	35	180,000	35	22	0.0	22
Congo Brazzaville	1,811,000	10,029	1,811,000	10,029	265	-2.2	271
Egypt	3,300,000	63,000	3,300,000	63,000	666	0.9	660
Equatorial Guinea	1,100,000	1,377	1,100,000	1,377	110	-15.4	130
Ethiopia	428	880	428	880	—	—	—
Gabon	2,000,000	918	2,000,000	918	187	3.9	180
Ghana	660,000	800	660,000	800	180	-3.2	186
Ivory Coast	100,000	1,000	100,000	1,000	30	0.0	30
Libya	48,363,000	53,144	48,363,000	53,144	1,100	-12.2	1,253
Mauritania	20,000	1,000	20,000	1,000	4	0.0	4
Morocco	684	51	684	51	—	—	—
Mozambique	—	100,000	—	100,000	—	—	—
Namibia	—	2,200	—	2,200	—	—	—
Niger	150,000	—	150,000	—	—	—	—
Nigeria	37,050,000	206,516	36,910,000	203,056	1,250	-24.2	1,650
Rwanda	—	2,000	—	2,000	—	—	—
Somalia	—	200	—	200	—	—	—
South Africa	15,000	—	15,000	—	2	0.0	2
Sudan and South Sudan	5,000,000	3,000	5,000,000	3,000	220	-1.8	224
Tanzania	—	230	—	230	—	—	—
Tunisia	425,000	2,300	425,000	2,300	36	-14.3	42
Uganda	2,500,000	500	2,500,000	500	—	—	—
Total Africa	119,099,112	623,675	123,674,112	620,214	6,927	-6.6	7,420
WESTERN HEMISPHERE							
Argentina	2,838,120	14,690	2,410,761	14,028	565	10.1	513
Barbados	1,911	4	1,967	4	1	0.0	1
Belize	6,700	—	6,700	—	1	0.0	1
Bolivia	240,900	10,700	240,900	10,700	60	-7.7	65
Brazil	13,242,000	13,372	11,889,620	11,942	2,930	4.1	2,814
Canada	163,806,000	87,000	168,100,000	87,260	5,600	2.4	5,470
Chile	150,000	3,460	150,000	3,460	3	0.0	3
Colombia	2,040,000	3,164	1,820,000	2,949	760	2.7	740
Cuba	124,000	2,500	124,000	2,500	40	0.0	40
Ecuador	8,273,000	385	8,273,000	385	480	1.5	473
Guatemala	85,687	192	71,743	193	9	0.0	9
Guyana	11,000,000	16,000	11,000,000	16,000	195	72.6	113
Mexico	5,958,300	7,126	5,995,300	6,887	1,890	-1.8	1,924
Peru	859,000	10,600	841,915	10,142	122	-0.8	123
Suriname	89,100	—	89,400	—	15	0.0	15
Trinidad and Tobago	242,982	10,687	242,982	10,687	73	-9.9	81
United States	79,081,200	578,890	58,900,000	445,300	17,900	7.4	16,670
Venezuela	303,468,000	195,675	303,561,000	197,405	715	19.2	600
Total Western Hemisphere	591,506,900	954,444	573,719,288	819,842	31,359	5.7	29,655
TOTAL WORLD	1,757,041,692	7,456,402	1,734,669,151	7,296,978	92,359	3.7	89,057
Total OPEC	1,241,819,000	2,621,743	1,236,895,000	2,603,980	32,949	5.4	31,247

* Includes half of Neutral Zone reserves, production.

1: Includes crude oil, lease condensate, natural gas liquids, and oil sands.