

# 2022 International drilling forecast table

## Forecast of 2022 drilling outside the U.S.\*

Region or Country	Wells forecast 2022	Wells drilled 2021	% Diff.	Region or Country	Wells forecast 2022	Wells drilled 2021	% Diff.
<b>North America</b>	<b>5,676</b>	<b>4,882</b>	<b>16.2</b>	Egypt	283	259	9.3
Canada <sup>1</sup>	5,400	4,650	16.1	Gabon	27	16	68.8
Cuba	15	12	25.0	Libya	108	102	5.9
Mexico <sup>2</sup>	256	217	18.0	Nigeria	60	52	15.4
Others	5	3	66.7	South Sudan	n.a.	n.a.	...
<b>South America</b>	<b>1,524</b>	<b>1,299</b>	<b>17.3</b>	Sudan	n.a.	n.a.	...
Argentina	703	627	12.1	Tunisia	13	6	116.7
Bolivia	17	12	41.7	Others	108	91	18.7
Brazil	146	123	18.7	<b>Middle East</b>	<b>2,440</b>	<b>2,118</b>	<b>15.2</b>
Chile	36	33	9.1	Iran	n.a.	n.a.	...
Colombia	350	234	49.6	Iraq	122	108	13.0
Ecuador	72	113	-36.3	Kuwait	432	308	40.3
Peru	100	92	8.7	Neutral Zone	6	4	...
Trinidad & Tobago	12	11	9.1	Oman	784	741	5.8
Venezuela	18	0	...	Qatar	103	89	15.7
Others	70	54	29.6	Saudi Arabia	362	314	15.3
<b>Western Europe</b>	<b>411</b>	<b>365</b>	<b>12.6</b>	Syria	n.a.	n.a.	...
Austria	14	8	75.0	Turkey	127	122	4.1
Denmark	0	0	...	UAE - Abu Dhabi	306	254	20.5
France	8	6	33.3	UAE - Dubai	3	3	0.0
Germany	11	5	120.0	Yemen	9	8	12.5
Italy	7	5	40.0	Others	186	167	11.4
Netherlands	18	15	20.0	<b>Far East/South Asia</b>	<b>21,592</b>	<b>19,216</b>	<b>12.4</b>
Norway	235	225	4.4	Brunei	11	9	22.2
United Kingdom	115	99	16.2	China	20,050	17,855	12.3
Others	3	2	50.0	India	405	385	5.2
<b>Eastern Europe/FSU</b>	<b>11,493</b>	<b>9,916</b>	<b>15.9</b>	Indonesia	577	506	14.0
Albania	7	5	40.0	Japan	6	5	20.0
Croatia	3	2	50.0	Malaysia	52	44	18.2
Czech Republic	3	2	50.0	Myanmar	17	10	70.0
Former Soviet Union	11,340	9,784	15.9	Pakistan	62	58	6.9
Russian Federation	10,387	8,942	16.2	Philippines	2	2	0.0
Others	953	842	13.2	Thailand	373	312	19.6
Hungary	20	19	5.3	Vietnam	20	18	11.1
Poland	15	12	25.0	Others	17	12	41.7
Romania	42	35	20.0	<b>South Pacific</b>	<b>280</b>	<b>259</b>	<b>8.1</b>
Others <sup>3</sup>	63	57	10.5	Australia <sup>4</sup>	262	240	9.2
<b>Africa</b>	<b>840</b>	<b>722</b>	<b>16.3</b>	East Timor	3	3	0.0
Algeria	151	124	21.8	New Zealand	12	14	-14.3
Angola	79	68	16.2	Papua New Guinea	3	2	50.0
Congo	11	4	175.0	<b>World Total</b>	<b>44,256</b>	<b>38,777</b>	<b>14.1</b>

\*Some countries are estimated. <sup>1</sup>Includes 295 service wells and shallow stratigraphic tests.

<sup>2</sup>Pemex activity only. <sup>3</sup>Includes Bulgaria, Slovakia, Slovenia and Serbia.

<sup>4</sup>Does not include shallow CBM wells. n.a.: Not available.

# 2022 Offshore drilling forecast table

## Forecast of 2022 offshore drilling worldwide\*

Region or Country	Wells forecast 2022	Wells drilled 2021	% Diff.	Region or Country	Wells forecast 2022	Wells drilled 2021	% Diff.
<b>North America</b>	<b>245</b>	<b>215</b>	<b>14.0</b>	Congo	11	4	175.0
Canada	15	10	50.0	Egypt	53	41	29.3
Cuba	0	0	...	Gabon	11	5	120.0
Mexico <sup>1</sup>	93	79	17.7	Libya	4	0	...
U.S. - Alaska	11	9	22.2	Nigeria	13	9	44.4
U.S. - California	4	8	-50.0	South Africa	1	0	...
U.S. - Gulf of Mexico	122	109	11.9	Tunisia	3	3	0.0
Others	0	0	...	Others	21	15	40.0
<b>South America</b>	<b>94</b>	<b>85</b>	<b>10.6</b>	<b>Middle East</b>	<b>248</b>	<b>207</b>	<b>19.8</b>
Argentina	0	0	...	Iran	n.a.	n.a.	...
Brazil	65	62	4.8	Neutral Zone	2	2	...
Chile	0	0	...	Oman	1	1	...
Colombia	0	0	...	Qatar	86	74	16.2
Ecuador	0	0	...	Saudi Arabia	47	39	20.5
Peru	0	0	...	Turkey	4	4	0.0
Trinidad & Tobago	12	11	9.1	UAE - Abu Dhabi	99	82	20.7
Venezuela	0	0	...	UAE - Dubai	3	3	0.0
Others	17	12	41.7	Others	6	2	200.0
<b>Western Europe</b>	<b>354</b>	<b>330</b>	<b>7.3</b>	<b>Far East</b>	<b>898</b>	<b>802</b>	<b>12.0</b>
Denmark	0	0	...	Brunei	9	8	12.5
France	0	0	...	China	417	379	10.0
Germany	2	0	...	India	51	50	2.0
Italy	3	2	50.0	Indonesia	106	96	10.4
Netherlands	4	5	-20.0	Japan	2	2	0.0
Norway	235	225	4.4	Malaysia	52	44	18.2
United Kingdom	107	96	11.5	Myanmar	4	4	0.0
Others	3	2	50.0	Pakistan	0	0	...
<b>Eastern Europe/FSU</b>	<b>124</b>	<b>102</b>	<b>21.6</b>	Philippines	0	0	...
Croatia	0	0	...	Thailand	237	201	17.9
Former Soviet Union	122	101	20.8	Vietnam	20	18	11.1
Russian Federation	n.a.	n.a.	...	Others	0	0	...
Others	122	101	20.8	<b>South Pacific</b>	<b>33</b>	<b>29</b>	<b>13.8</b>
Poland	1	0	...	Australia	22	22	0.0
Romania	0	0	...	East Timor	3	1	200.0
Others	1	1	0.0	New Zealand	8	6	...
<b>Africa</b>	<b>196</b>	<b>145</b>	<b>35.2</b>	Papua New Guinea	0	0	...
Angola	79	68	16.2	<b>World Total</b>	<b>2,192</b>	<b>1,915</b>	<b>14.5</b>

\*Some countries are estimated. n.a.: Not available. <sup>1</sup>Pemex activity only.

# 2022 U.S. drilling forecast table

## Forecast of 2022 U.S. wells and footage to be drilled.

State or area	Total wells			Total footage, 1,000 ft		
	2022 forecast	2021 estimated <sup>4</sup>	%diff	2022 forecast	2021 estimated <sup>4</sup>	%diff
Alabama	18	13	38.5	91.1	47.0	93.8
Alaska-onshore	72	53	35.8	646.6	475.8	35.9
Alaska-offshore <sup>2</sup>	11	9	22.2	74.1	60.6	22.3
Arkansas	15	15	0.0	90.2	90.2	0.0
California-onshore	818	683	19.8	2,249.5	1,666.5	35.0
California-offshore <sup>2</sup>	4	8	-50.0	16.0	28.0	-42.9
Colorado	575	480	19.8	8,970.0	7,476.1	20.0
Gulf of Mexico <sup>2</sup>	122	109	11.9	2,141.1	1,912.7	11.9
Illinois	225	206	9.2	380.0	352.1	7.9
Indiana	95	80	18.8	293.6	247.0	18.9
Kansas	1,250	1,005	24.4	3,875.0	3,101.8	24.9
Kentucky	150	100	50.0	322.5	211.0	52.8
Louisiana <sup>1</sup>	474	433	9.5	7,979.2	7,276.0	9.7
North	410	373	9.9	7,364.8	6,700.0	9.9
South	64	60	6.7	614.4	576.0	6.7
Michigan	75	62	21.0	375.0	297.6	26.0
Mississippi <sup>1</sup>	38	30	26.7	373.2	264.6	41.0
Montana	50	29	72.4	487.5	275.5	77.0
Nebraska	65	57	14.0	260.0	239.4	8.6
New Mexico	1,125	946	18.9	18,787.5	15,609.0	20.4
New York	121	56	116.1	208.1	98.8	110.6
North Dakota	750	710	5.6	16,000.0	15,000.0	6.7
Ohio	250	238	5.0	5,128.0	4,721.6	8.6
Oklahoma	900	726	24.0	13,540.5	10,908.2	24.1
Pennsylvania	700	645	8.5	12,390.0	11,500.0	7.7
South Dakota	2	2	...	12.3	7.6	...
Tennessee	45	36	25.0	76.7	61.1	25.5
Texas <sup>1</sup>	6,876	5,646	21.8	104,459.5	85,481.0	22.2
District 1	744	603	23.4	11,978.4	9,693.2	23.6
District 2	553	460	20.2	8,986.3	7,452.0	20.6
District 3	133	112	18.8	1,469.7	1,232.0	19.3
District 4	256	189	35.4	3,545.6	2,598.8	36.4
District 5	36	30	20.0	514.8	428.4	20.2
District 6	218	207	5.3	3,684.2	3,477.6	5.9
District 7B	304	251	21.1	1,383.2	1,129.5	22.5
District 7C	547	464	17.9	9,353.7	7,888.0	18.6
District 8	3,409	2,808	21.4	58,634.8	48,016.8	22.1
District 8A	425	326	30.4	3,400.0	2,445.0	39.1
District 9	169	140	20.7	760.5	609.0	24.9
District 10	82	56	46.4	748.3	510.7	46.5
Utah	227	161	41.0	2,401.1	1,650.6	45.5
Virginia	50	49	2.0	93.3	90.5	3.1
West Virginia	165	140	17.9	2,829.8	2,394.0	18.2
Wyoming	225	173	30.1	3,037.5	2,297.4	32.2
Others <sup>3</sup>	11	11	0.0	30.6	44.4	-31.1
<b>Total U.S.</b>	<b>15,504</b>	<b>12,911</b>	<b>20.1</b>	<b>207,619.5</b>	<b>173,886.1</b>	<b>19.4</b>

<sup>1</sup> Excludes state and federal offshore wells, which are included in the GOM total.

<sup>2</sup> Includes state and federal offshore wells.

<sup>3</sup> Includes Florida, Idaho, Missouri, Nevada, and Oregon.

<sup>4</sup> 2021 estimates are based on well counts furnished by state and federal regulatory agencies, and API.

# 2021 International production table

## World crude/condensate production by countries, 2020 and 2019\*

Region or Country	Daily production (thousands of barrels)		% Diff.	Region or Country	Daily production (thousands of barrels)		% Diff.
	2020	2019**			2020	2019**	
<b>North America</b>	<b>17,483.9</b>	<b>18,379.2</b>	<b>-4.9</b>	Angola	1,262.0	1,430.3	-11.8
Canada <sup>1</sup>	4,400.0	4,389.6	0.2	Congo	284.5	335.2	-15.1
Cuba	47.0	50.3	-6.6	Egypt	589.4	601.9	-2.1
Mexico	1,710.5	1,683.8	1.6	Equatorial Guinea	146.2	156.3	-6.5
United States	11,318.0	12,245.1	-7.6	Gabon	174.5	209.8	-16.8
Others	8.4	10.4	-19.2	Libya	327.3	1,132.0	-71.1
<b>South America</b>	<b>5,543.2</b>	<b>5,932.0</b>	<b>-6.6</b>	Nigeria	1,793.5	1,953.4	-8.2
Argentina	484.3	533.9	9.3	Sudan/South Sudan	226.0	244.5	-7.6
Bolivia	38.9	451	-13.7	Tunisia	30.6	39.6	-22.7
Brazil	2,959.2	2,775.5	6.6	Others	454.2	467.4	-2.8
Chile	1.6	2.4	-33.3	<b>Middle East</b>	<b>24,496.8</b>	<b>25,928.7</b>	<b>-5.5</b>
Colombia	775.4	890.0	-12.9	Iran	2,655.5	2,990.5	-11.2
Ecuador	476.3	529.8	-10.1	Iraq	4,122.7	4,553.4	-9.5
Peru	115.0	139.7	-17.7	Kuwait	2,640.9	2,713.6	-2.7
Trinidad & Tobago	56.6	58.9	-3.9	Neutral Zone	0.0	0.0	...
Venezuela	536.8	901.5	-40.5	Oman	949.5	970.1	-2.1
Others	99.1	55.2	79.5	Qatar	1,530.0	1,459.6	4.8
<b>Western Europe</b>	<b>2,899.7</b>	<b>2,801.2</b>	<b>3.5</b>	Saudi Arabia	9,287.7	9,757.0	-4.8
Austria	10.8	12.4	-12.9	Syria	35.0	25.0	40.0
Denmark	74.0	114.9	-35.6	Turkey	61.5	57.8	6.4
France	12.9	14.5	-11.0	UAE-Abu Dhabi	2,843.7	3,025.1	-6.0
Germany	37.2	38.0	-2.1	UAE-Dubai	221.2	235.3	-6.0
Italy	75.5	79.9	-5.5	Yemen	65.5	60.5	8.3
Netherlands	28.0	29.7	-5.7	Others <sup>7,0</sup>	83.6	80.8	3.5
Norway	1,713.0	1,436.9	19.2	<b>Far East/South Asia</b>	<b>6,297.7</b>	<b>6,473.7</b>	<b>-2.7</b>
United Kingdom	945.7	1,070.6	-11.7	Brunei	100.1	109.8	-8.8
Others	2.6	4.3	-39.5	China	3,795.0	3,758.2	1.0
<b>Eastern Europe</b>	<b>12,787.7</b>	<b>14,259.1</b>	<b>-10.3</b>	India	628.5	661.6	-5.0
Albania	14.4	14.3	0.7	Indonesia	711.2	745.3	-4.6
Bulgaria	0.4	0.4	0.0	Malaysia	540.8	606.7	-10.9
Croatia	11.8	13.8	-14.5	Myanmar	9.2	11.1	-17.1
Czech Republic	1.7	1.7	0.0	Pakistan	78.5	84.3	-6.9
Former Soviet Union	12,640.6	14,103.6	-10.4	Philippines	12.3	17.7	-30.5
Russian Federation	9,889.5	11,175.9	-11.5	Thailand	204.1	228.5	-10.7
FSU-Others	2,751.1	2,927.7	-6.0	Vietnam	193.0	223.1	-13.5
Hungary	16.5	18.0	-8.3	Others	25.0	27.4	-8.8
Poland	18.7	20.4	-8.3	<b>South Pacific</b>	<b>425.2</b>	<b>463.6</b>	<b>-8.3</b>
Romania	68.2	70.5	-3.3	Australia	351.7	361.0	-2.6
Serbia	15.2	16.2	-6.2	East Timor	14.0	27.9	-49.8
Others	0.2	0.2	0.0	New Zealand	18.8	24.1	-22.0
<b>Africa</b>	<b>6,415.9</b>	<b>7,854.3</b>	<b>-18.3</b>	Papua New Guinea	40.7	50.6	-19.6
Algeria	1,127.7	1,283.9	-12.2	<b>World Total</b>	<b>76,530.1</b>	<b>82,091.8</b>	<b>-7.0</b>

\*Some countries are estimated. None contain NGLs or refinery gains. \*\*Revised <sup>1</sup>Includes bitumen and synthetic oil output.  
Sources: *World Oil's* surveys of governments and companies, plus some third-party data.