Oil price outlook survey 2020-2024 Expectations firmly anchored around \$65-70

John Kemp Reuters 14 January 2020

Summary: Oil price outlook survey 2020-2024

Survey sent to 9000+ recipients on daily best in energy circulation list Full or partial responses from 950 Survey conducted between Jan 7 and Jan 10, 2020

Expected annual average Brent price in:

| * | | • | | • | |
|------|--|---|--|---|--|
| 2020 | 2021 | 2022 | 2023 | 2024 | |
| 67 | 67 | 67 | 68 | 69 | |
| 65 | 65 | 70 | 70 | 60 | |
| 55 | 50 | 50 | 45 | 45 | |
| 60 | 55 | 55 | 50 | 50 | |
| 65 | 60 | 60 | 60 | 60 | |
| 65 | 65 | 65 | 65 | 65 | |
| 70 | 70 | 75 | 75 | 75 | |
| 75 | 80 | 80 | 85 | 90 | |
| 80 | 80 | 85 | 90 | 95 | |
| 9.07 | 10.40 | 13.19 | 15.30 | 19.23 | |
| 1.32 | 0.09 | 2.06 | 1.55 | 2.38 | |
| | 67 65 55 60 65 65 70 75 80 | 67 67 65 65 55 50 60 55 65 60 65 65 70 70 75 80 80 80 9.07 10.40 | 2020 2021 2022 67 67 67 65 65 70 55 50 50 60 55 55 65 60 60 65 65 65 70 70 75 75 80 80 80 80 85 9.07 10.40 13.19 | 67 67 67 68 65 65 70 70 55 50 50 45 60 55 55 50 65 60 60 60 65 65 65 65 70 70 75 75 75 80 80 85 80 80 85 90 9.07 10.40 13.19 15.30 | 2020 2021 2022 2023 2024 67 67 67 68 69 65 65 70 70 60 55 50 50 45 45 60 55 55 50 50 65 60 60 60 60 65 65 65 65 65 70 70 75 75 75 75 80 80 85 90 80 80 85 90 95 9.07 10.40 13.19 15.30 19.23 |

Oil price outlook surveys 2016 through 2020

Summary of forecasts and realised values

Participants asked to forecast average price in current year and four subsequent years

Expected average Brent crude price in calendar year Mean (\$U.S./bbl)

| Survey | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|----------------|------|------|------|------|------|------|------|------|------|
| 2016 (Mar) | 40 | 50 | 58 | 63 | 67 | | | | |
| 2017 (Jan) | | 57 | 62 | 66 | 68 | 68 | | | |
| 2018 (Jan) | | | 65 | 68 | 70 | 71 | 71 | | |
| 2019 (Jan) | | | | 63 | 66 | 68 | 69 | 70 | |
| 2020 (Jan) | | | | | 67 | 67 | 67 | 68 | 69 |
| Realised value | 45 | 55 | 72 | 64 | | | | | |

Oil price outlook survey 2020-2024

Survey sent to 9000 recipients on daily best in energy circulation list Full or partial responses from 950

Forecast Number of respondents expecting avg. price of Brent in US\$/bbl to be

1.32 0.09 2.06 1.55 2.38

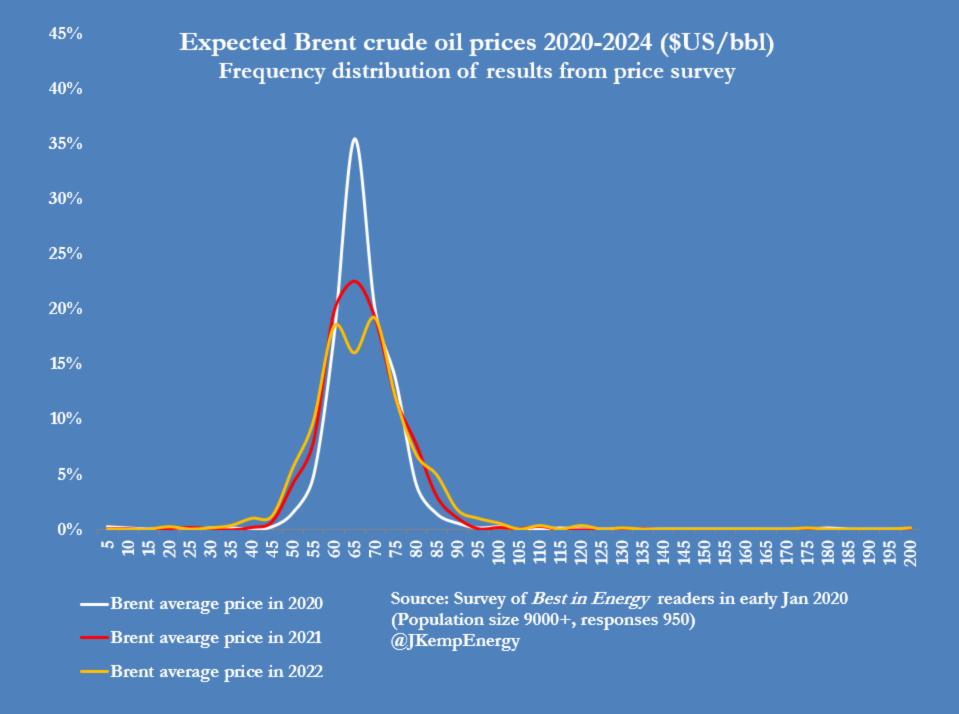
Survey conducted between Jan 7 and Jan 10, 2020

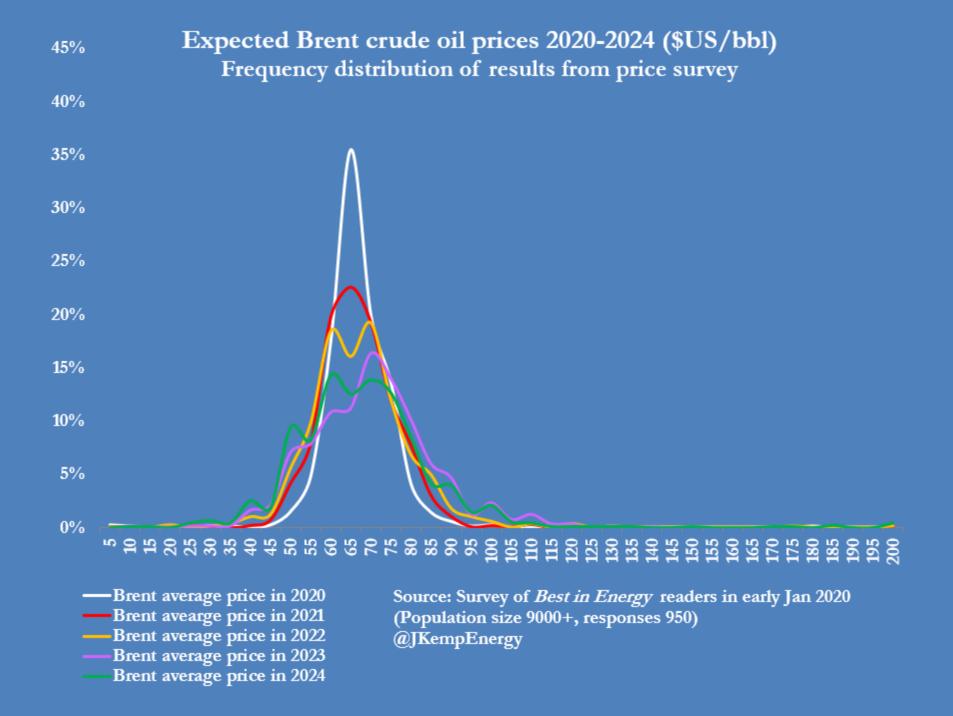
| | | | | | _ | | | | | | | | | | | | | | | |
|------------|-----------|----------|-------|---------|--------|---------|---------|--------|-------|-------|---------|--------|--------|------|-------|--------|--------|---------|-------|-----|
| Year | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2020 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 14 | 45 | 165 | 335 | 188 | 128 | 38 | 13 | 5 | 1 | 2 |
| 2021 | 1 | 1 | 0 | 1 | 2 | 1 | 0 | 2 | 7 | 39 | 74 | 184 | 210 | 179 | 111 | 72 | 28 | 10 | 1 | 2 |
| 2022 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 9 | 11 | 51 | 90 | 169 | 147 | 176 | 109 | 62 | 45 | 16 | 9 | 5 |
| 2023 | 1 | 0 | 0 | 1 | 3 | 3 | 3 | 12 | 24 | 53 | 85 | 144 | 134 | 151 | 112 | 78 | 35 | 32 | 13 | 11 |
| 2024 | 0 | 1 | 1 | 0 | 4 | 6 | 4 | 23 | 17 | 85 | 74 | 129 | 113 | 125 | 114 | 76 | 37 | 36 | 13 | 19 |
| Forecast | Numbe | er of re | spone | dents (| expec | ting av | vg. pri | ice of | Brent | in US | \$\$/bb | l to b | e | | | | | | | |
| Year | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 |
| 2020 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 2021 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2022 | 0 | 3 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 2023 | 1 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 2024 | 5 | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 4 |
| | | | | Dispe | ersion | meas | ures (| US\$/ | bbl) | | | | | | Centi | al ten | dency | (US\$ | /bbl) |) |
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | 2020 | 2021 | 2022 | 2023 | 2024 | |
| 5th percen | itile | | | 55 | 50 | 50 | 45 | 45 | | | | | Mode | | 65 | 65 | 70 | 70 | 60 | |
| 10th perce | ntile | | | 60 | 55 | 55 | 50 | 50 | | | | | Media | an | 65 | 65 | 65 | 65 | 65 | |
| 25th perce | ntile | | | 65 | 60 | 60 | 60 | 60 | | | | | Mean | | 66.7 | 66.6 | 67.3 | 67.9 | 68.5 | |
| 75th perce | ntile | | | 70 | 70 | 75 | 75 | 75 | | | | | | | | | | | | |
| 90th perce | ntile | | | 75 | 80 | 80 | 85 | 90 | | | | | | | Futur | es pri | ces (l | J.S.\$/ | bbl) | |
| 95th perce | ntile | | | 80 | 80 | 85 | 90 | 95 | | | | | | | 2020 | 2021 | 2022 | 2023 | 2024 | |
| Chandard d | leviation | | | 9.1 | 10.4 | 13.2 | 15.3 | 19.2 | | | | | Fut. s | tein | | 60.1 | 57.9 | 57.2 | 58.3 | |

(7 Jan 2020)

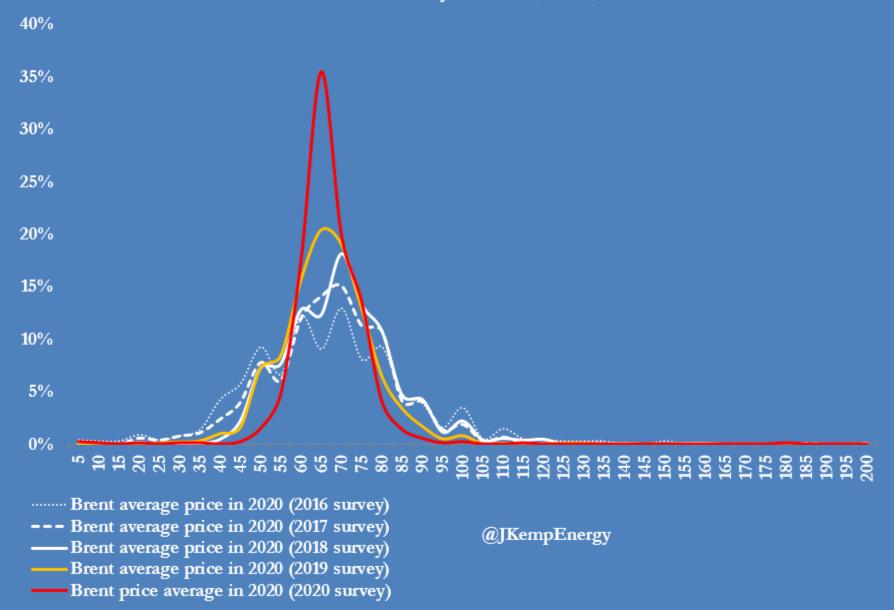
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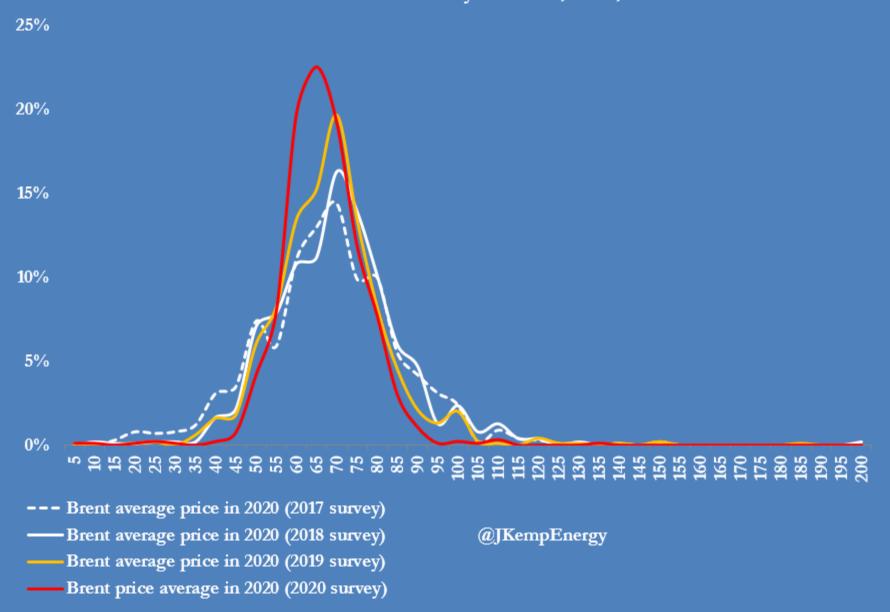




Expected Brent crude oil prices in 2020 (\$US/bbl) Distribution of results from surveys in 2016, 2017, 2018, 2019 and 2020

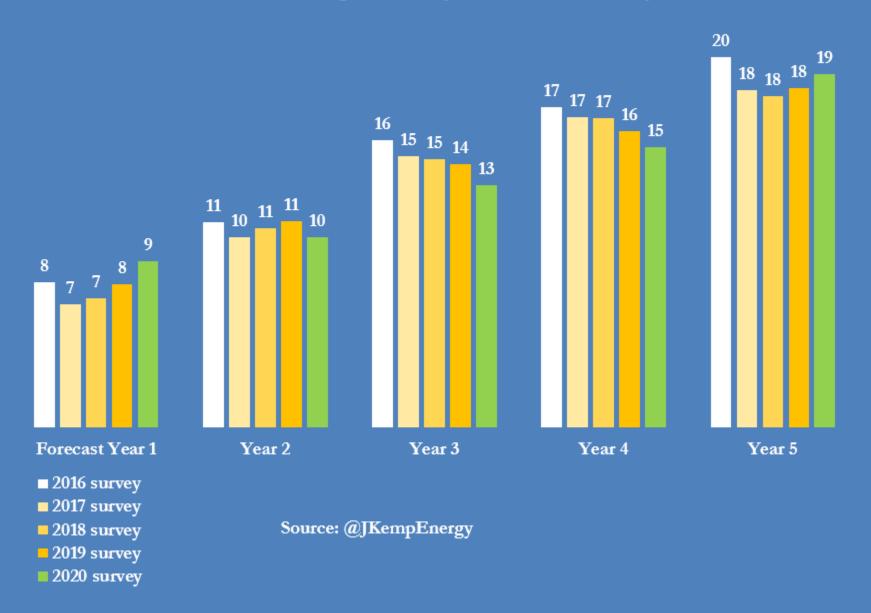


Expected Brent crude oil prices in 2021 (\$US/bbl) Distribution of results from surveys in 2017, 2018, 2019 and 2020



Oil price forecast uncertainty

Standard deviation of price forecasts from Year 1 to Year 5 U.S.\$/bbl, successive oil price surveys conducted annually 2016-2020



Oil price outlook survey 2020-2024

Distribution of survey respondents (n=950)

| Oil and gas (exploration, drilling, production, refining, distribution, marketing, oilfield services) | 26% |
|---|-----|
| Banking and finance | 19% |
| Research | 11% |
| Other | 8% |
| Professional services | 7% |
| Hedge fund | 7% |
| Other energy (coal, electricity, gas, carbon markets) | 5% |
| Physical commodity trading | 5% |
| Government | 3% |
| Other corporate (transport, manufacturing, construction, mining, services) | 3% |
| Media | 3% |
| Education | 1% |

Results of previous surveys

Oil outlook survey 2019-2023

Survey sent to 7000 recipients on daily best in energy circulation list Full or partial responses from 1026 Survey conducted between Jan 8 and Jan 11, 2019

| , | | | , | | , | | | | | | | | | | | | | | | |
|--------------|-------|----------|-------|---------|--------|---------|---------|--------|-------|-------|---------|---------|--------|------|-------|---------|--------|---------|--------|-----|
| Forecast | Numbe | er of re | spone | dents e | expect | ting av | vg. pri | ice of | Brent | in US | \$/bb | l to be | e | | | | | | | |
| Year | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2018 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 9 | 11 | 55 | 121 | 228 | 320 | 170 | 77 | 16 | 4 | 3 | 2 | 0 |
| 2019 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 10 | 16 | 73 | 85 | 158 | 206 | 192 | 130 | 65 | 34 | 17 | 5 | 8 |
| 2020 | 0 | 0 | 0 | 1 | 2 | 0 | 6 | 16 | 18 | 60 | 82 | 134 | 152 | 196 | 134 | 82 | 45 | 21 | 13 | 20 |
| 2021 | 0 | 0 | 0 | 0 | 3 | 5 | 4 | 21 | 17 | 58 | 79 | 127 | 135 | 164 | 117 | 105 | 57 | 34 | 8 | 13 |
| 2022 | 0 | 0 | 1 | 0 | 3 | 9 | 7 | 21 | 18 | 74 | 69 | 127 | 104 | 156 | 112 | 102 | 48 | 44 | 14 | 19 |
| Forecast | Numbe | er of re | spon | dents e | expect | ting av | vg. pri | ice of | Brent | in US | \$\$/bb | l to be | ŧ | | | | | | | |
| Year | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 2 | 1 | 0 | 4 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 2021 | 5 | 4 | 1 | 5 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2022 | 6 | 5 | 5 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 |
| | | | | Dispe | rsion | meas | ures (| US\$/ | bbl) | | | | | | Centi | ral ten | dency | (US\$ | s/bbl) | |
| | | | | 2019 | 2020 | 2021 | 2022 | 2023 | | | | | | | | 2020 | 2021 | | | |
| 5th percer | ıtile | | | 50 | 50 | 50 | 45 | 45 | | | | | Mode | , | 65 | 65 | 70 | 70 | 70 | |
| 10th perce | | | | 55 | 50 | 50 | 50 | 50 | | | | | Medi | an | 65 | 65 | 70 | 70 | 70 | |
| 25th perce | | | | 60 | 60 | 60 | 60 | 60 | | | | | Mean | 1 | 63 | 66 | 68 | 69 | 70 | |
| 75th perce | | | | 70 | 75 | 75 | 75 | 80 | | | | | | | | | | | | |
| 90th perce | | | | 71 | 80 | 85 | 85 | 90 | | | | | | | Futur | res pri | ces (I | J.S.\$/ | bbl) | |
| 95th perce | | | | 75 | 85 | 90 | 90 | 100 | | | | | | | | 2020 | | | | |
| Standard of | | | | 7.8 | 11.2 | 14.3 | 16.2 | 18.5 | | | | | Fut. s | trin | | | 60.4 | | | |
| - Innidata (| | | | | | | | 20.0 | | | | | | т.Г | | | | | | |

(8 Jan 2019)

Oil outlook survey 2018-2022

Survey sent to 7000 recipients on daily best in energy circulation list Full or partial responses from 1052 Survey conducted between Jan 9 and Jan 11, 2018

| Forecast | Numbe | er of re | spone | dents | expec | ting a | vg. pr | ice of | Brent | in US | \$/bb | l to be | , | | | | | | | |
|----------|-------|----------|-------|-------|-------|--------|--------|--------|-------|-------|-------|---------|-----|-----|-----|-----|-----|-----|-----|-----|
| Year | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2018 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 4 | 14 | 97 | 233 | 325 | 217 | 116 | 34 | 4 | 3 | 0 | 0 |
| 2019 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 11 | 46 | 91 | 164 | 209 | 216 | 121 | 91 | 43 | 19 | 9 | 8 |
| 2020 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 5 | 23 | 75 | 79 | 132 | 127 | 187 | 137 | 111 | 48 | 44 | 12 | 23 |
| 2021 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 17 | 22 | 72 | 80 | 110 | 114 | 166 | 142 | 103 | 61 | 48 | 13 | 24 |
| 2022 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 18 | 34 | 88 | 68 | 107 | 117 | 127 | 129 | 107 | 64 | 45 | 25 | 26 |
| | | | | | | | | | | | | | | | | | | | | |
| Forecast | Numbe | er of re | spon | dents | expec | ting a | vg. pr | ice of | Brent | in US | \$/bb | 1 to be | : | | | | | | | |
| Year | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 4 | 6 | 4 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2021 | | 13 | | | | | | | | | | | | | | | | | 0 | |

| | Dispe | rsion | meas | ures (| US\$/bb1) | | | Cent | ral ten | dency | (US | s/bb1 |
|--------------------|-------|-------|------|--------|-----------|----|-------------|------|---------|---------|------------------|-------|
| | 2018 | 2019 | 2020 | 2021 | 2022 | | | 2018 | 2019 | 2020 | 2021 | 2022 |
| 5th percentile | 55 | 50 | 50 | 50 | 45 | M | lođe | 65 | 70 | 70 | 70 | 75 |
| 10th percentile | 55 | 55 | 50 | 50 | 50 | M | ledian | 65 | 65 | 70 | 70 | 70 |
| 25th percentile | 60 | 60 | 60 | 60 | 60 | M | lean | 65.4 | 67.8 | 69.8 | 70.5 | 70.8 |
| 75th percentile | 70 | 75 | 80 | 80 | 80 | | | | | | | |
| 90th percentile | 75 | 80 | 85 | 90 | 90 | | | Futu | res pri | ices (I | J .S.\$ / | bbl) |
| 95th percentile | 75 | 85 | 95 | 100 | 100 | | | 2018 | 2019 | 2020 | 2021 | 2022 |
| Standard deviation | 7.1 | 10.9 | 14.6 | 16.9 | 18.1 | | ut. strip | | 62.8 | 60.3 | 59.1 | |
| | | | | | | (9 |) Jan 2018) |) | | | | |

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2022

10

Oil outlook survey 2017-2021

Survey sent to 5000 recipients on daily best in energy circulation list Full or partial responses from 1033 Survey conducted between Jan 9 and Jan 11, 2017

| Forecast | Numbe | er of re | spon | dents | expec | ting a | wg. pr | ice of | Brent | t in US | s\$/bb | l to be | • | | | | | | | |
|------------|-------|----------|------|-------|--------|--------|---------|--------|-------|---------|---------|---------|------|-----|-------|---------|------|-------|--------|-----|
| Year | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| 2017 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 19 | 41 | 131 | 330 | 312 | 148 | 29 | 7 | 1 | 2 | 0 | 0 | 1 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 19 | 43 | 83 | 134 | 220 | 226 | 159 | 70 | 23 | 13 | 5 | 5 | 2 |
| 2019 | 1 | 0 | 1 | 1 | 3 | 3 | 10 | 21 | 42 | 77 | 78 | 159 | 175 | 168 | 109 | 79 | 34 | 18 | 7 | 10 |
| 2020 | 1 | 1 | 0 | 6 | 4 | 8 | 11 | 24 | 40 | 78 | 61 | 119 | 140 | 150 | 112 | 107 | 41 | 41 | 14 | 19 |
| 2021 | 1 | 0 | 3 | 8 | 7 | 8 | 12 | 31 | 35 | 73 | 58 | 109 | 128 | 142 | 98 | 99 | 54 | 41 | 31 | 24 |
| Forecast | Numbe | er of re | spon | dents | expec | ting a | wg. pr | ice of | Brent | t in US | \$\$/bb | l to be | | | | | | | | |
| Year | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2018 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2019 | 0 | 2 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 2020 | 3 | 7 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 2021 | 2 | 9 | 4 | 3 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | | | | Disp | ersion | meas | sures (| (US\$/ | bbl) | | | | | | Centi | ral ten | denc | y (US | s/bb1) | |
| | | | | 2017 | 2018 | 2019 | 2020 | 2021 | | | | | | | 2017 | 2018 | 2019 | 2020 | 2021 | |
| 5th percen | ntile | | | 45 | 45 | 45 | 40 | 40 | | | | | Mode | : | 55 | 65 | 65 | 70 | 70 | |
| 40.4 | | | | | | | | | | | | | | | | | | | | |

| | Dish | CISIOII | Incas | oures (| (US\$/DL |
|--------------------|------|---------|-------|---------|----------|
| | 2017 | 2018 | 2019 | 2020 | 2021 |
| 5th percentile | 45 | 45 | 45 | 40 | 40 |
| 10th percentile | 50 | 50 | 50 | 50 | 45 |
| 25th percentile | 55 | 55 | 60 | 60 | 60 |
| 75th percentile | 60 | 70 | 75 | 75 | 80 |
| 90th percentile | 65 | 75 | 80 | 85 | 90 |
| 95th percentile | 65 | 77 | 85 | 92 | 95 |
| Standard deviation | 6.7 | 10.4 | 14.8 | 16.9 | 18.4 |
| | | | | | |

Oil outlook survey 2016-2020

Survey sent to 2500+ recipients on daily best in energy circulation list Full or partial responses from 830 Survey conducted between Mar 1 and Mar 6, 2016

| Forecast | Numb | er of re | spon | dents | expec | ting a | wg. pr | ice of | Brent | in US | \$/bb | 1 to be | | | | | | | | | |
|----------|------|----------|------|-------|-------|--------|--------|--------|-------|-------|-------|---------|----|-----|----|----|----|----|----|-----|--|
| Year | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | |
| 2016 | 2 | 0 | 1 | 3 | 14 | 44 | 202 | 303 | 162 | 63 | 18 | 9 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 2017 | 2 | 0 | 0 | 4 | 7 | 18 | 43 | 112 | 170 | 151 | 119 | 89 | 48 | 18 | 12 | 7 | 1 | 3 | 0 | 1 | |
| 2018 | 2 | 1 | 1 | 2 | 4 | 15 | 19 | 62 | 76 | 115 | 89 | 136 | 88 | 79 | 41 | 37 | 14 | 8 | 1 | 7 | |
| 2019 | 2 | 1 | 2 | 3 | 4 | 8 | 22 | 34 | 54 | 95 | 65 | 110 | 93 | 103 | 55 | 63 | 26 | 24 | 9 | 16 | |
| 2020 | 3 | 2 | 2 | 7 | 3 | 6 | 11 | 34 | 46 | 74 | 53 | 98 | 72 | 103 | 64 | 74 | 38 | 31 | 13 | 28 | |

| Forecast | Numbe | er of re | spon | dents | expec | ting a | vg. pr | ice of | Brent | in US | \$/bb | l to be | Response rate |
|----------|-------|----------|------|-------|-------|--------|--------|--------|-------|-------|-------|---------|----------------------------|
| Year | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | Total Response No Response |
| 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 827 3 |
| 2017 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 806 24 |
| 2018 | 2 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 806 24 |
| 2019 | 3 | 2 | 1 | 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 802 28 |
| 2020 | 4 | 12 | 4 | 3 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 1 | 794 36 |

| | Dispe | rsion | meas | ures (| US\$/bb1) | Central tendency (US\$/bb |
|--------------------|-------|-------|------|--------|-----------|--------------------------------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 2017 2018 2019 2020 |
| 5th percentile | 30 | 35 | 35 | 35 | 40 | Mode 40 45 60 60 7 |
| 10th percentile | 35 | 40 | 40 | 45 | 45 | Median 40 50 60 65 6 |
| 25th percentile | 35 | 45 | 50 | 50 | 55 | Mean 40.4 50 58.4 63.3 6 |
| 75th percentile | 45 | 55 | 65 | 75 | 80 | |
| 90th percentile | 50 | 65 | 75 | 85 | 90 | Futures prices (U.S.\$/bbl) |
| 95th percentile | 50 | 70 | 80 | 90 | 100 | 2016 2017 2018 2019 2020 |
| Standard deviation | 7.9 | 11.2 | 15.7 | 17.4 | 20.2 | Fut. strip 43.9 46.6 48.5 50.2 |
| | | | | | | (1 Mar 2016) |