

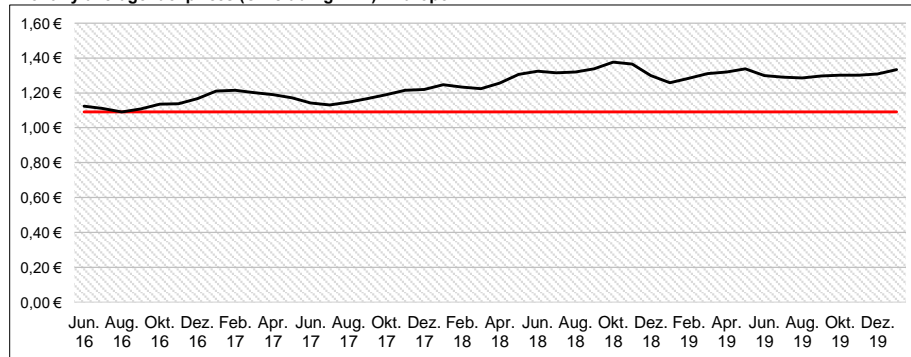
fr8control Fuel Floater for Europe

based on the European Commission Energy⁴

| Departure CTRY | Feb. 20 | Jan. 20 | Dez. 19 | Nov. 19 | Okt. 19 | Sep. 19 | Aug. 19 | Jul. 19 | Jun. 19 | Mai. 19 | Apr. 19 | Mrz. 19 | Feb. 19 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| AT | 3% | 4% | 4% | 4% | 4% | 4% | 4% | 4% | 5% | 5% | 4% | 4% | 4% |
| BE | 7% | 9% | 7% | 8% | 7% | 8% | 7% | 7% | 9% | 8% | 8% | 7% | 6% |
| BG | 4% | 4% | 4% | 4% | 4% | 4% | 4% | 4% | 5% | 5% | 4% | 3% | 3% |
| CZ | 6% | 6% | 6% | 6% | 6% | 5% | 5% | 5% | 6% | 5% | 5% | 5% | 5% |
| DE | 4% | 5% | 4% | 4% | 4% | 4% | 3% | 4% | 5% | 4% | 4% | 4% | 3% |
| DK | 4% | 6% | 5% | 5% | 5% | 6% | 4% | 5% | 5% | 5% | 5% | 5% | 4% |
| EE | 8% | 9% | 8% | 7% | 7% | 7% | 7% | 7% | 8% | 8% | 7% | 7% | 6% |
| ES | 5% | 6% | 5% | 5% | 5% | 5% | 5% | 5% | 6% | 6% | 5% | 5% | 4% |
| FI | 4% | 5% | 5% | 5% | 5% | 4% | 4% | 4% | 5% | 5% | 5% | 4% | 4% |
| FR | 7% | 7% | 8% | 8% | 8% | 7% | 7% | 7% | 9% | 8% | 8% | 7% | 7% |
| GR | 6% | 8% | 7% | 7% | 7% | 7% | 7% | 7% | 8% | 8% | 7% | 7% | 6% |
| HR | 5% | 7% | 6% | 6% | 6% | 6% | 6% | 6% | 7% | 6% | 6% | 5% | 4% |
| HU | 2% | 4% | 4% | 4% | 4% | 4% | 3% | 4% | 5% | 4% | 4% | 3% | 3% |
| IE | 4% | 5% | 4% | 4% | 4% | 4% | 4% | 3% | 4% | 4% | 4% | 3% | 3% |
| IT | 3% | 4% | 4% | 4% | 4% | 4% | 4% | 4% | 5% | 4% | 4% | 3% | 3% |
| LT | 5% | 6% | 5% | 5% | 5% | 5% | 5% | 10% | 6% | 6% | 5% | 4% | 4% |
| LU | 5% | 6% | 5% | 5% | 5% | 5% | 5% | 5% | 6% | 5% | 5% | 4% | 4% |
| LV | 7% | 8% | 6% | 6% | 7% | 6% | 6% | 6% | 8% | 7% | 7% | 6% | 6% |
| NL | 5% | 6% | 5% | 5% | 5% | 5% | 4% | 5% | 6% | 5% | 5% | 5% | 4% |
| PL | 6% | 7% | 6% | 6% | 5% | 5% | 6% | 7% | 7% | 7% | 6% | 6% | 6% |
| PT | 5% | 6% | 5% | 5% | 5% | 5% | 5% | 5% | 6% | 6% | 6% | 5% | 4% |
| RO | 1% | 1% | 3% | 3% | 3% | 3% | 3% | 3% | 4% | 4% | 3% | 3% | 2% |
| SE | 3% | 4% | 4% | 3% | 3% | 3% | 3% | 3% | 4% | 4% | 3% | 3% | 3% |
| SI | 4% | 5% | 4% | 4% | 4% | 4% | 4% | 4% | 5% | 4% | 4% | 4% | 3% |
| SK | 4% | 5% | 5% | 5% | 5% | 4% | 4% | 5% | 6% | 5% | 5% | 4% | 4% |
| UK | 3% | 4% | 4% | 3% | 3% | 2% | 2% | 2% | 4% | 4% | 3% | 2% | 2% |
| EU Average | 4% | 5% | 5% | 5% | 5% | 4% | 5% | 6% | 5% | 5% | 4% | 4% | 5% |

Usage based on average fuel prices of the previous month (current month -1)
e.g. = shipment month Aug. 2018 has the FSC value from Jul. 2018

monthly average fuel prices (€ including VAT) - Europe



notes

- ¹current index = average fuel price from previous month
- ²base index = average fuel price of 2016
- ³ratio = share of diesel cost: 25% for road transport
- ⁴source: <https://ec.europa.eu/energy/en/data-analysis/weekly-oil-bulletin>
-> history from 2005 onwards: "Prices with taxes, per CTRY"

formula

$$fuel\ floater\ (\%) = \frac{(current\ index^1 - base\ index^2)}{base\ index} \times ratio^3$$

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| actual average fuel prices | Departure CTRY | Feb. 20 | Jan. 20 | Dez. 19 | Nov. 19 | Okt. 19 | Sep. 19 | Aug. 19 | Jul. 19 | Jun. 19 | Mai. 19 | Apr. 19 | Mrz. 19 | Feb. 19 |
|----------------------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | AT | 1,17 € | 1,21 € | 1,20 € | 1,20 € | 1,21 € | 1,21 € | 1,18 € | 1,20 € | 1,25 € | 1,23 € | 1,21 € | 1,19 € | 1,19 € |
| | BE | 1,40 € | 1,49 € | 1,44 € | 1,44 € | 1,43 € | 1,44 € | 1,42 € | 1,43 € | 1,49 € | 1,45 € | 1,45 € | 1,42 € | 1,39 € |
| | BG | 1,11 € | 1,12 € | 1,11 € | 1,11 € | 1,11 € | 1,10 € | 1,11 € | 1,11 € | 1,14 € | 1,13 € | 1,12 € | 1,09 € | 1,07 € |
| | CZ | 1,25 € | 1,27 € | 1,24 € | 1,24 € | 1,24 € | 1,23 € | 1,23 € | 1,22 € | 1,26 € | 1,24 € | 1,22 € | 1,20 € | 1,22 € |
| | DE | 1,24 € | 1,30 € | 1,25 € | 1,25 € | 1,26 € | 1,25 € | 1,24 € | 1,24 € | 1,30 € | 1,27 € | 1,26 € | 1,25 € | 1,23 € |
| | DK | 1,36 € | 1,44 € | 1,40 € | 1,39 € | 1,39 € | 1,43 € | 1,37 € | 1,38 € | 1,42 € | 1,42 € | 1,42 € | 1,38 € | 1,35 € |
| | EE | 1,35 € | 1,40 € | 1,36 € | 1,34 € | 1,34 € | 1,31 € | 1,32 € | 1,33 € | 1,37 € | 1,35 € | 1,32 € | 1,31 € | 1,27 € |
| | ES | 1,21 € | 1,25 € | 1,22 € | 1,21 € | 1,21 € | 1,21 € | 1,21 € | 1,21 € | 1,26 € | 1,24 € | 1,23 € | 1,20 € | 1,16 € |
| | FI | 1,40 € | 1,46 € | 1,43 € | 1,42 € | 1,42 € | 1,40 € | 1,38 € | 1,37 € | 1,43 € | 1,42 € | 1,43 € | 1,40 € | 1,40 € |
| | FR | 1,41 € | 1,41 € | 1,45 € | 1,44 € | 1,44 € | 1,43 € | 1,42 € | 1,42 € | 1,48 € | 1,47 € | 1,46 € | 1,43 € | 1,40 € |
| | GR | 1,35 € | 1,39 € | 1,38 € | 1,38 € | 1,39 € | 1,38 € | 1,38 € | 1,38 € | 1,41 € | 1,40 € | 1,39 € | 1,36 € | 1,33 € |
| | HR | 1,28 € | 1,36 € | 1,33 € | 1,33 € | 1,33 € | 1,33 € | 1,32 € | 1,31 € | 1,36 € | 1,33 € | 1,33 € | 1,30 € | 1,25 € |
| | HU | 1,17 € | 1,25 € | 1,23 € | 1,22 € | 1,23 € | 1,22 € | 1,21 € | 1,22 € | 1,27 € | 1,24 € | 1,25 € | 1,21 € | 1,19 € |
| | IE | 1,35 € | 1,36 € | 1,33 € | 1,32 € | 1,32 € | 1,31 € | 1,32 € | 1,31 € | 1,35 € | 1,34 € | 1,33 € | 1,30 € | 1,29 € |
| IT | 1,45 € | 1,49 € | 1,48 € | 1,47 € | 1,47 € | 1,47 € | 1,47 € | 1,48 € | 1,52 € | 1,51 € | 1,49 € | 1,46 € | 1,43 € | |
| LT | 1,15 € | 1,18 € | 1,14 € | 1,14 € | 1,14 € | 1,15 € | 1,15 € | 1,32 € | 1,19 € | 1,16 € | 1,14 € | 1,10 € | 1,09 € | |
| LU | 1,11 € | 1,16 € | 1,11 € | 1,11 € | 1,12 € | 1,12 € | 1,10 € | 1,10 € | 1,14 € | 1,10 € | 1,10 € | 1,08 € | 1,05 € | |
| LV | 1,21 € | 1,26 € | 1,20 € | 1,20 € | 1,20 € | 1,19 € | 1,19 € | 1,19 € | 1,25 € | 1,21 € | 1,20 € | 1,17 € | 1,17 € | |
| NL | 1,36 € | 1,42 € | 1,38 € | 1,37 € | 1,37 € | 1,36 € | 1,33 € | 1,35 € | 1,39 € | 1,37 € | 1,36 € | 1,35 € | 1,31 € | |
| PL | 1,19 € | 1,22 € | 1,18 € | 1,16 € | 1,15 € | 1,14 € | 1,16 € | 1,19 € | 1,20 € | 1,20 € | 1,18 € | 1,16 € | 1,17 € | |
| PT | 1,37 € | 1,41 € | 1,37 € | 1,37 € | 1,37 € | 1,36 € | 1,34 € | 1,35 € | 1,40 € | 1,38 € | 1,39 € | 1,36 € | 1,33 € | |
| RO | 1,10 € | 1,13 € | 1,19 € | 1,20 € | 1,20 € | 1,20 € | 1,18 € | 1,19 € | 1,25 € | 1,23 € | 1,22 € | 1,19 € | 1,15 € | |
| SE | 1,51 € | 1,57 € | 1,53 € | 1,51 € | 1,51 € | 1,52 € | 1,49 € | 1,49 € | 1,53 € | 1,54 € | 1,52 € | 1,50 € | 1,49 € | |
| SI | 1,23 € | 1,28 € | 1,25 € | 1,25 € | 1,26 € | 1,25 € | 1,25 € | 1,23 € | 1,29 € | 1,26 € | 1,26 € | 1,23 € | 1,21 € | |
| SK | 1,20 € | 1,24 € | 1,23 € | 1,24 € | 1,24 € | 1,22 € | 1,21 € | 1,22 € | 1,27 € | 1,25 € | 1,25 € | 1,22 € | 1,18 € | |
| UK | 1,54 € | 1,56 € | 1,54 € | 1,52 € | 1,50 € | 1,48 € | 1,45 € | 1,47 € | 1,56 € | 1,54 € | 1,52 € | 1,48 € | 1,46 € | |
| EU Average | 1,29 € | 1,31 € | 1,30 € | 1,30 € | 1,30 € | 1,28 € | 1,30 € | 1,34 € | 1,32 € | 1,31 € | 1,28 € | 1,26 € | 1,30 € | |

| Departure CTRY | base index | ratio |
|----------------|------------|-------|
| AT | 1,03 € | 25% |
| BE | 1,11 € | 25% |
| BG | 0,95 € | 25% |
| CZ | 1,01 € | 25% |
| DE | 1,08 € | 25% |
| DK | 1,17 € | 25% |
| EE | 1,03 € | 25% |
| ES | 1,01 € | 25% |
| FI | 1,20 € | 25% |
| FR | 1,10 € | 25% |
| GR | 1,07 € | 25% |
| HR | 1,07 € | 25% |
| HU | 1,07 € | 25% |
| IE | 1,15 € | 25% |
| IT | 1,28 € | 25% |
| LT | 0,95 € | 25% |
| LU | 0,92 € | 25% |
| LV | 0,95 € | 25% |
| NL | 1,13 € | 25% |
| PL | 0,95 € | 25% |
| PT | 1,13 € | 25% |
| RO | 1,07 € | 25% |
| SE | 1,34 € | 25% |
| SI | 1,08 € | 25% |
| SK | 1,04 € | 25% |
| UK | 1,35 € | 25% |
| EU Average | 1,09 € | 25% |