

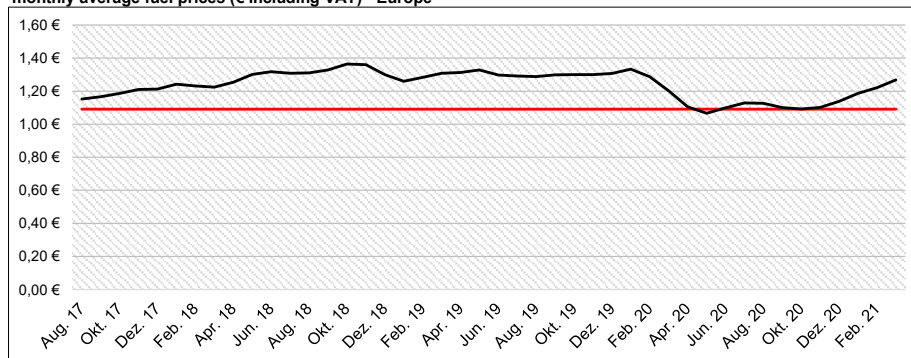
fr8control Fuel Floater for Europe

based on the European Commission Energy⁴

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

| Departure CTRY | Apr. 21 | Mrz. 21 | Feb. 21 | Jan. 21 | Dez. 20 | Nov. 20 | Okt. 20 | Sep. 20 | Aug. 20 | Jul. 20 | Jun. 20 | Mai. 20 | Apr. 20 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| AT | 3% | 3% | 2% | 1% | 0% | -1% | -1% | 0% | 0% | 0% | -1% | -1% | 0% |
| BE | 7% | 7% | 6% | 5% | 5% | 4% | 3% | 4% | 4% | 4% | 3% | 2% | 2% |
| BG | 1% | 0% | 0% | -1% | -2% | -2% | -2% | -2% | -2% | -2% | -3% | -3% | -2% |
| CZ | 3% | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 1% | 1% | -1% | -2% | -1% |
| DE | 5% | 5% | 4% | 3% | 0% | -1% | -1% | -1% | 0% | 0% | 0% | -1% | 0% |
| DK | 3% | 4% | 3% | 2% | 1% | 0% | 0% | 0% | 1% | 1% | 0% | -1% | -1% |
| EE | 4% | 5% | 3% | 2% | 0% | -2% | -2% | -1% | -1% | -1% | -1% | -1% | 5% |
| ES | 4% | 4% | 3% | 2% | 1% | 0% | 0% | 1% | 1% | 1% | 0% | -1% | 0% |
| FI | 6% | 6% | 5% | 4% | 1% | 1% | 0% | 1% | 1% | 0% | -1% | -1% | 0% |
| FR | 6% | 6% | 5% | 5% | 3% | 2% | 2% | 2% | 3% | 3% | 2% | 1% | 2% |
| GR | 6% | 6% | 4% | 3% | 2% | 1% | 1% | 2% | 2% | 2% | 1% | 1% | 2% |
| HR | 5% | 5% | 4% | 3% | 2% | 1% | 1% | 1% | 2% | 2% | 1% | -1% | 0% |
| HU | 2% | 3% | 2% | 1% | 0% | -1% | -1% | -1% | 0% | 1% | -1% | -3% | -3% |
| IE | 5% | 4% | 2% | 1% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| IT | 3% | 3% | 2% | 1% | 0% | -1% | 0% | 0% | 0% | 0% | 0% | -1% | 0% |
| LT | 4% | 5% | 3% | 2% | 1% | 0% | 0% | 0% | 1% | 1% | -1% | -1% | 0% |
| LU | 6% | 6% | 5% | 4% | 1% | 0% | 0% | 0% | 1% | 1% | 0% | -2% | -1% |
| LV | 6% | 6% | 5% | 3% | 2% | 1% | 1% | 2% | 2% | 3% | 2% | -1% | -1% |
| NL | 6% | 6% | 5% | 4% | 2% | 1% | 1% | 1% | 2% | 2% | 1% | 1% | 2% |
| PL | 5% | 4% | 3% | 2% | 2% | 1% | 0% | 1% | 1% | 0% | 0% | -1% | -1% |
| PT | 5% | 5% | 4% | 4% | 3% | 2% | 2% | 2% | 2% | 2% | 1% | 0% | 2% |
| RO | 0% | 1% | -1% | -1% | -2% | -4% | -4% | -4% | -3% | -3% | -3% | -4% | -3% |
| SE | 4% | 4% | 4% | 3% | 1% | 0% | 0% | 0% | 1% | 1% | 0% | -1% | -1% |
| SI | 3% | 3% | 1% | 1% | 0% | -2% | -2% | -2% | -2% | -2% | -2% | -2% | -2% |
| SK | 0% | 0% | 0% | 0% | 0% | -1% | -1% | -1% | 0% | 0% | 0% | -1% | 0% |
| UK | | | | | | | | | | | | -25% | -25% |
| EU Average | 4% | 4% | 3% | 2% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | -1% | 0% |

monthly average fuel prices (€ including VAT) - Europe



notes

- current 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

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

based on the European Commission Energy⁴

| actual average fuel prices | Departure CTRY | Apr. 21 | Mrz. 21 | Feb. 21 | Jan. 21 | Dez. 20 | Nov. 20 | Okt. 20 | Sep. 20 | Aug. 20 | Jul. 20 | Jun. 20 | Mai. 20 | Apr. 20 |
|----------------------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | AT | 1,17 € | 1,16 € | 1,11 € | 1,08 € | 1,04 € | 1,00 € | 1,00 € | 1,02 € | 1,03 € | 1,03 € | 1,00 € | 0,99 € | 1,03 € |
| | BE | 1,42 € | 1,42 € | 1,38 € | 1,34 € | 1,31 € | 1,26 € | 1,26 € | 1,26 € | 1,30 € | 1,29 € | 1,24 € | 1,18 € | 1,20 € |
| | BG | 1,00 € | 0,97 € | 0,94 € | 0,93 € | 0,88 € | 0,87 € | 0,86 € | 0,87 € | 0,88 € | 0,88 € | 0,85 € | 0,82 € | 0,88 € |
| | CZ | 1,14 € | 1,11 € | 1,07 € | 1,05 € | 1,04 € | 1,02 € | 1,00 € | 1,01 € | 1,05 € | 1,04 € | 0,98 € | 0,94 € | 0,98 € |
| | DE | 1,31 € | 1,31 € | 1,26 € | 1,23 € | 1,10 € | 1,05 € | 1,05 € | 1,05 € | 1,08 € | 1,09 € | 1,09 € | 1,05 € | 1,08 € |
| | DK | 1,33 € | 1,34 € | 1,31 € | 1,26 € | 1,23 € | 1,17 € | 1,16 € | 1,15 € | 1,20 € | 1,20 € | 1,16 € | 1,10 € | 1,13 € |
| | EE | 1,20 € | 1,22 € | 1,16 € | 1,11 € | 1,04 € | 0,97 € | 0,95 € | 1,00 € | 1,00 € | 1,00 € | 1,00 € | 1,00 € | 1,24 € |
| | ES | 1,18 € | 1,18 € | 1,13 € | 1,10 € | 1,06 € | 1,02 € | 1,03 € | 1,04 € | 1,06 € | 1,06 € | 1,02 € | 0,99 € | 1,02 € |
| | FI | 1,48 € | 1,47 € | 1,42 € | 1,41 € | 1,26 € | 1,23 € | 1,22 € | 1,23 € | 1,26 € | 1,19 € | 1,15 € | 1,15 € | 1,21 € |
| | FR | 1,37 € | 1,38 € | 1,34 € | 1,30 € | 1,25 € | 1,21 € | 1,20 € | 1,20 € | 1,23 € | 1,24 € | 1,21 € | 1,17 € | 1,21 € |
| | GR | 1,32 € | 1,31 € | 1,25 € | 1,21 € | 1,15 € | 1,13 € | 1,13 € | 1,14 € | 1,16 € | 1,16 € | 1,13 € | 1,10 € | 1,15 € |
| | HR | 1,29 € | 1,30 € | 1,24 € | 1,21 € | 1,18 € | 1,12 € | 1,12 € | 1,13 € | 1,16 € | 1,16 € | 1,11 € | 1,02 € | 1,07 € |
| | HU | 1,17 € | 1,20 € | 1,15 € | 1,12 € | 1,08 € | 1,02 € | 1,02 € | 1,01 € | 1,08 € | 1,09 € | 1,02 € | 0,94 € | 0,92 € |
| | IE | 1,36 € | 1,33 € | 1,25 € | 1,22 € | 1,18 € | 1,15 € | 1,14 € | 1,15 € | 1,17 € | 1,16 € | 1,14 € | 1,14 € | 1,16 € |
| IT | 1,44 € | 1,43 € | 1,37 € | 1,34 € | 1,29 € | 1,26 € | 1,26 € | 1,27 € | 1,29 € | 1,29 € | 1,27 € | 1,26 € | 1,31 € | |
| LT | 1,09 € | 1,13 € | 1,08 € | 1,04 € | 1,00 € | 0,95 € | 0,94 € | 0,96 € | 0,98 € | 0,98 € | 0,92 € | 0,89 € | 0,95 € | |
| LU | 1,14 € | 1,15 € | 1,11 € | 1,06 € | 0,98 € | 0,94 € | 0,93 € | 0,93 € | 0,97 € | 0,97 € | 0,93 € | 0,86 € | 0,87 € | |
| LV | 1,18 € | 1,17 € | 1,13 € | 1,07 € | 1,02 € | 0,98 € | 1,00 € | 1,03 € | 1,04 € | 1,05 € | 1,01 € | 0,91 € | 0,93 € | |
| NL | 1,39 € | 1,39 € | 1,34 € | 1,30 € | 1,23 € | 1,18 € | 1,18 € | 1,17 € | 1,21 € | 1,22 € | 1,20 € | 1,20 € | 1,22 € | |
| PL | 1,15 € | 1,11 € | 1,06 € | 1,03 € | 1,01 € | 0,97 € | 0,95 € | 0,98 € | 0,99 € | 0,95 € | 0,94 € | 0,89 € | 0,92 € | |
| PT | 1,36 € | 1,36 € | 1,32 € | 1,29 € | 1,25 € | 1,21 € | 1,20 € | 1,21 € | 1,24 € | 1,23 € | 1,18 € | 1,14 € | 1,20 € | |
| RO | 1,09 € | 1,09 € | 1,05 € | 1,01 € | 0,97 € | 0,91 € | 0,90 € | 0,89 € | 0,93 € | 0,94 € | 0,92 € | 0,91 € | 0,96 € | |
| SE | 1,55 € | 1,56 € | 1,53 € | 1,49 € | 1,40 € | 1,34 € | 1,33 € | 1,32 € | 1,37 € | 1,39 € | 1,34 € | 1,26 € | 1,27 € | |
| SI | 1,19 € | 1,19 € | 1,13 € | 1,10 € | 1,05 € | 1,00 € | 1,00 € | 1,00 € | 1,01 € | 1,00 € | 1,00 € | 1,00 € | 1,00 € | |
| SK | 1,05 € | 1,05 € | 1,05 € | 1,05 € | 1,05 € | 0,99 € | 1,00 € | 1,01 € | 1,04 € | 1,04 € | 1,02 € | 1,01 € | 1,06 € | |
| UK | - € | - € | - € | - € | - € | - € | - € | - € | - € | - € | - € | - € | - € | |
| EU Average | 1,26 € | 1,26 € | 1,21 € | 1,18 € | 1,12 € | 1,08 € | 1,08 € | 1,09 € | 1,11 € | 1,11 € | 1,07 € | 1,04 € | 1,08 € | |

| 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% |