

average fuel prices (€) per month³ (incl. VAT) / 2018 - 2019

[model 1 = month - 1]

[model 2 = month - 2]

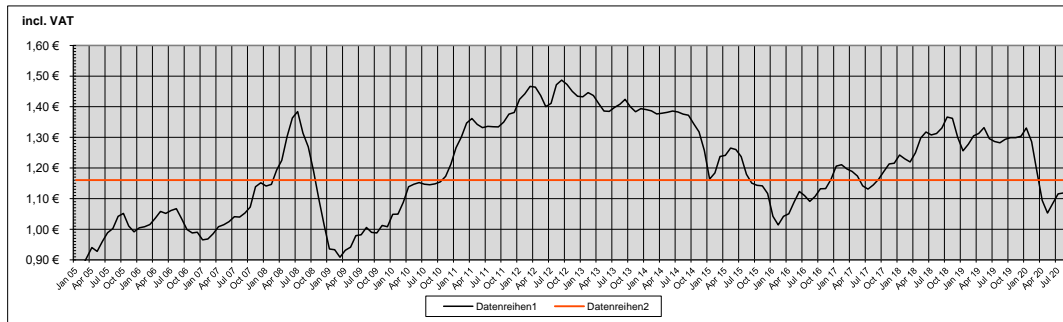
applicable ROAD fuel floater per month / 2018 - 2019² - based on the average of the 2nd half of 2010

applicable ROAD fuel floater per month / 2018 - 2019² - based on the average of the 2nd half of 2010

Calculation based on avg. fuel prices of the previous month	Departure CTRY	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
	AT	2%	2%	2%	2%	2%	1%	-1%	-2%	-3%	-3%	-2%	-2%
	BE	6%	5%	5%	5%	6%	5%	2%	0%	0%	1%	2%	2%
	BG	3%	3%	3%	3%	3%	3%	1%	-3%	-4%	-4%	-3%	-3%
	CZ	-1%	0%	0%	0%	0%	0%	-3%	-6%	-6%	-5%	-4%	-4%
	DE	1%	1%	1%	1%	2%	1%	-1%	-3%	-3%	-3%	-2%	-2%
	DK	4%	3%	3%	3%	4%	3%	1%	-2%	-3%	-1%	-1%	-1%
	ES	2%	2%	2%	2%	3%	2%	0%	-3%	-3%	-2%	-2%	-2%
	FI	5%	5%	5%	5%	6%	5%	3%	1%	0%	0%	0%	2%
	FR	6%	6%	6%	6%	7%	5%	3%	1%	0%	1%	2%	2%
	GR	1%	1%	1%	1%	2%	1%	-1%	-3%	-4%	-4%	-3%	-3%
	HR	1%	1%	1%	1%	1%	0%	-2%	-4%	-5%	-3%	-2%	-2%
	HU	1%	1%	0%	1%	1%	-1%	-3%	-6%	-5%	-4%	-2%	-2%
IT	4%	4%	4%	4%	5%	4%	3%	1%	0%	0%	1%	1%	
LU	2%	2%	2%	2%	3%	2%	-1%	-4%	-4%	-2%	-1%	-1%	
NL	4%	4%	4%	4%	5%	4%	2%	0%	0%	0%	1%	0%	
PL	1%	1%	1%	2%	3%	2%	-1%	-4%	-5%	-4%	-3%	-2%	
SE	5%	4%	5%	5%	6%	4%	2%	0%	0%	1%	2%	2%	
SI	1%	1%	1%	1%	2%	1%	-1%	-4%	-4%	-4%	-4%	-4%	
SK	1%	2%	2%	2%	2%	1%	0%	-2%	-3%	-3%	-2%	-2%	
UK	1%	1%	2%	2%	2%	2%	1%	-2%	-2%	-3%	-2%	-2%	
EU CE average	3%	3%	3%	3%	3%	2%	1%	-2%	-3%	-2%	-1%	-1%	

Calculation based on avg. fuel prices of the penultimate month	Departure CTRY	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20
	AT	2%	2%	2%	2%	2%	1%	-1%	-2%	-3%	-3%	-2%	-2%
	BE	6%	5%	5%	5%	6%	5%	2%	0%	0%	1%	2%	2%
	BG	3%	3%	3%	3%	3%	3%	1%	-3%	-4%	-4%	-3%	-3%
	CZ	-1%	0%	0%	0%	0%	0%	-3%	-6%	-6%	-5%	-4%	-4%
	DE	1%	1%	1%	1%	2%	1%	-1%	-3%	-3%	-3%	-2%	-2%
	DK	4%	3%	3%	3%	4%	3%	1%	-2%	-3%	-1%	-1%	-1%
	ES	2%	2%	2%	2%	3%	2%	0%	-3%	-3%	-2%	-2%	-2%
	FI	5%	5%	5%	5%	6%	5%	3%	1%	0%	0%	0%	2%
	FR	6%	6%	6%	6%	7%	5%	3%	1%	0%	1%	2%	2%
	GR	1%	1%	1%	1%	2%	1%	-1%	-3%	-4%	-4%	-3%	-3%
	HR	1%	1%	1%	1%	1%	0%	-2%	-4%	-5%	-3%	-2%	-2%
	HU	1%	1%	0%	1%	1%	-1%	-3%	-6%	-5%	-4%	-2%	-2%
IT	4%	4%	4%	4%	5%	4%	3%	1%	0%	0%	1%	1%	
LU	2%	2%	2%	2%	3%	2%	-1%	-4%	-4%	-2%	-1%	-1%	
NL	4%	4%	4%	4%	5%	4%	2%	0%	0%	0%	1%	0%	
PL	1%	1%	1%	2%	3%	2%	-1%	-4%	-5%	-4%	-3%	-2%	
SE	5%	4%	5%	5%	6%	4%	2%	0%	0%	1%	2%	2%	
SI	1%	1%	1%	1%	2%	1%	-1%	-4%	-4%	-4%	-4%	-4%	
SK	1%	2%	2%	2%	2%	1%	0%	-2%	-3%	-3%	-2%	-2%	
UK	1%	1%	2%	2%	2%	2%	1%	-2%	-2%	-3%	-2%	-2%	
EU CE average	3%	3%	3%	3%	3%	2%	1%	-2%	-3%	-2%	-1%	-1%	

monthly average fuel prices (€ incl. VAT) - Europe



formula⁴

$$\text{fuel floater (\%)} = \frac{(\text{current index}^3 - \text{base index}^4)}{\text{base index}} \times \text{ratio}^5$$

notes

- CH: for transportation from Switzerland we refer to ASTAG: <http://www.astag.ch>
- ¹source: http://ec.europa.eu/energy/observatory/oil/bulletin_en.htm - "history from 2005 onwards" Sheet: "Prices with taxes, per CTRY"
- ²also negatively applicable
- ³current index = average fuel price from previous month
- ⁴base index = average fuel price 2nd half year 2010
- ⁵ratio = share of diesel costs (road transport = 25%, combined transport = 10%)
--> above fuel floater figures only applicable for road shipments
--> for fuel floater of combined transports the ROAD fuel floater figure has to be multiplied with 0,4 (10%/25%)
- ⁶HR base rate from July 2013
- ⁷for the calculation the whole EU data is used, which means that the numbers used include more decimal positions than shown

average fuel prices (€) per month³ (incl. VAT) / 2018 - 2019

actual average fuel prices	Departure CTRY	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20
	AT	1,2050	1,2058	1,2045	1,2047	1,2133	1,1733	1,0862	1,0190	0,9888	1,0006	1,0258	1,0278	
	BE	1,4436	1,4278	1,4410	1,4367	1,4906	1,4041	1,2901	1,1936	1,1784	1,2395	1,2878	1,3005	
	BG	1,1045	1,1122	1,1131	1,1113	1,1194	1,1052	1,0366	0,8713	0,8219	0,8458	0,8764	0,8802	
	CZ	1,2157	1,2318	1,2328	1,2300	1,2550	1,2423	1,1077	0,9619	0,9324	0,9768	1,0271	1,0430	
	DE	1,2488	1,2568	1,2510	1,2513	1,2968	1,2415	1,1516	1,0625	1,0473	1,0852	1,1197	1,1108	
	DK	1,4318	1,3923	1,3852	1,3967	1,4392	1,3592	1,2652	1,1061	1,1028	1,1563	1,2018	1,1972	
	ES	1,1825	1,1843	1,1847	1,1893	1,2150	1,1774	1,0983	0,9859	0,9618	0,9942	1,0303	1,0342	
	FI	1,3901	1,4078	1,4110	1,4152	1,4487	1,3922	1,2933	1,1834	1,1444	1,1419	1,1807	1,2457	
	FR	1,4277	1,4366	1,4362	1,4458	1,4745	1,4046	1,3056	1,1997	1,1616	1,2024	1,2363	1,2304	
	GR	1,3695	1,3748	1,3718	1,3735	1,3835	1,3406	1,2526	1,1263	1,0877	1,1167	1,1459	1,1479	
	HR	1,3300	1,3281	1,3270	1,3308	1,3551	1,2764	1,1879	1,0635	1,0247	1,1099	1,1620	1,1630	
	HU	1,2040	1,2115	1,1965	1,2127	1,2263	1,1500	1,0269	0,9108	0,9237	1,0072	1,0750	1,0639	
	IT	1,4443	1,4483	1,4458	1,4514	1,4640	1,4263	1,3675	1,2755	1,2353	1,2485	1,2685	1,2645	
	LU	1,1003	1,0964	1,0920	1,0920	1,1389	1,0908	0,9750	0,8419	0,8495	0,9161	0,9497	0,9507	
	NL	1,3420	1,3471	1,3469	1,3578	1,3953	1,3419	1,2547	1,1944	1,1789	1,1823	1,2008	1,1886	
	PL	1,1311	1,1388	1,1480	1,1713	1,2091	1,1808	1,0461	0,9012	0,8812	0,9331	0,9459	0,9843	
	SE	1,5192	1,5068	1,5148	1,5316	1,5724	1,5085	1,3883	1,2633	1,2613	1,3438	1,3911	1,3685	
	SI	1,2256	1,2442	1,2315	1,2308	1,2622	1,2067	1,1367	0,9794	0,9807	0,9839	0,9859	0,9889	
	SK	1,2080	1,2294	1,2302	1,2221	1,2299	1,1858	1,1220	1,0403	1,0036	1,0105	1,0328	1,0286	
UK	1,4790	1,5046	1,5198	1,5393	1,5557	1,5367	1,4594	1,3243	1,2883	1,2742	1,2888	1,3004		
EU CE average	1,2860	1,2917	1,2915	1,2964	1,3230	1,2784	1,1907	1,0796	1,0465	1,0781	1,1096	1,1127		

framework - based on the average of the 2nd half of 2010

	base index ⁴	ratio ⁵ [road;(comb.trp.)]
AT	1,13	25% (10%)
BE	1,18	25% (10%)
BG	1,00	25% (10%)
CZ	1,25	25% (10%)
DE	1,22	25% (10%)
DK	1,23	25% (10%)
ES	1,10	25% (10%)
FI	1,16	25% (10%)
FR	1,16	25% (10%)
GR	1,30	25% (10%)
HR ⁶	1,28	25% (10%)
HU	1,18	25% (10%)
IT	1,23	25% (10%)
LU	1,01	25% (10%)
NL	1,18	25% (10%)
PL	1,09	25% (10%)
SE	1,28	25% (10%)
SI	1,18	25% (10%)
SK	1,14	25% (10%)
UK	1,43	25% (10%)
EU CE average	1,16	25% (10%)

development of fuel prices

	Aug 20 vs Aug 19	Aug 20 vs Jul 20
AT	-13%	0%
BE	-9%	1%
BG	-21%	0%
CZ	-14%	2%
DE	-10%	-1%
DK	-13%	0%
ES	-12%	0%
FI	-9%	6%
FR	-13%	0%
GR	-16%	0%
HR	-12%	0%
HU	-11%	-1%
IT	-12%	0%
LU	-12%	0%
NL	-9%	-1%
PL	-14%	4%
SE	-8%	-2%
SI	-20%	0%
SK	-14%	0%
UK	-10%	1%
EU CE average	-13%	0%