

Rounding example to determine the amount of toll shown on the itemised journey list

Example vehicle: vehicle or vehicle combination subject to toll with a gross vehicle weight of more than **18 tonnes** (corresponds to weight class = 4) and **4 axles** (corresponds to axle class = 3) and emission class **category D** (corresponds to emission class 3)
Toll rate: €0.174 for infrastructure costs + €0.064 for air pollution costs + €0.002 for noise pollution costs = €0.240/km

Determination of toll amount per journey

- 1 Own calculation -> 45.7 km (total distance you travelled) * €0.240/km (toll rate) = 10.968 ~ 10.97
- 2 Calculation and rounding of toll per section
- 3 Sum of all sections (toll to be paid)
- 4 Toll amount to be paid
- 5 Including total external costs (rounded)

Determination of toll amount

From	To	km according to BAST*	Unrounded amount	Toll to be paid (rounded)	Difference	Including total external costs
AS Bad Hersfeld - West	AD Kirchheimer Dreieck	9.7	2.328	2.33	0.002	0.64020
AD Kirchheimer Dreieck	AS Kirchheim	0.8	0.192	0.19	-0.002	0.05280
AS Kirchheim	AD Hattenbacher Dreieck	4.0	0.960	0.96	0.000	0.26400
AD Hattenbacher Dreieck	AS Niederaula	5.8	1.392	1.39	-0.002	0.38280
AS Niederaula	AS Hünfeld/Schlitz	15.8	3.792	3.79	-0.002	1.04280
AS Hünfeld/Schlitz	AS Fulda-Nord	9.6	2.304	2.30	-0.004	0.63360
Total		45.7	10.968	10.96	-0.008	3.01620

*) BAST: German Federal Highway Research Institute, see www.mauttabelle.de

Rounding after each section travelled results in a deviation of **-€0.008** in this example. The itemised journey list specifies the rounded amount.

Information printed on the itemised journey list

Licence plate number	Date	Start	Log-on number	Type	Entry point / via / exit point	Cost centre	Toll-rate designation ¹	Method ²	km	EUR
DX-Y-01	01.10.2015	16:40	1000000xxx	Mau	AS Bad Hersfeld-West/A7/AS Fulda Nord	1234	VVVVV030403001	AV	45.7	10.96

¹ Toll-rate designation (VVVVVAKGKSKBBB): Toll-rate version VVVVV, Axle class AK, Weight class GK, Emission class SK, Road operator BBB

² Method: AV = automatic log-on, MVM = manual log-on at toll station, MVI = manual log-on online, MVA = manual log-on with app

Printout of toll statement**

Country	Licence plate number	Method ¹	km	Proportion of external costs in EUR ²	Total amount in EUR
D	DX-Y-01	AV	45.7	3.02	10.96

¹ Automatic method AV, manual log-on MV

² Partial toll rates for resulting external costs
 More information at www.toll-collect.de

**) Toll statement only contains the one journey for the licence plate number.