

11.2.b Final energy consumption in passenger transport

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Final energy consumption, in billion megajoules										
Total (value of the energy balance)	9,309.7	8,881.4	8,918.5	9,178.5	8,698.8	8,898.1	9,071.2	9,207.8	8,924.1	8,973.4	8,399.9
including:											
Transport (value of the energy balance)	2,559.3	2,567.8	2,558.6	2,611.6	2,615.5	2,620.8	2,689.7	2,765.3	2,704.3	2,721.9	2,287.7
Passenger transport, total	1,732.3	1,744.0	1,731.2	1,730.0	1,745.4	1,732.4	1,747.3	1,752.9	1,747.4	1,755.3	1,493.2
of which:											
Road traffic	1,657.8	1,669.7	1,658.4	1,658.8	1,677.3	1,663.2	1,677.1	1,684.2	1,678.0	1,686.2	1,441.1
Rail transport	43.6	43.1	43.2	44.2	40.8	40.8	41.9	41.2	41.6	40.8	38.7
Air transport	30.9	31.2	29.7	27.0	27.3	28.4	28.3	27.5	27.7	28.4	13.4
	Passenger transport performance, in billion passenger-kilometre										
Total	1,099.3	1,106.3	1,111.7	1,113.7	1,113.3	1,121.3	1,132.1	1,137.0	1,138.5	1,141.4	915.9
of which:											
Road traffic	988.3	993.9	996.1	996.5	997.0	1,004.3	1,010.6	1,013.6	1,012.4	1,013.6	844.1
of which:											
Public road traffic	94.5	97.5	96.9	94.8	92.6	97.2	100.9	101.2	99.1	96.6	55.7
Private motorised transport	893.8	896.5	899.1	901.8	904.4	907.1	909.7	912.4	913.3	917.0	788.4
Rail transport	100.2	101.6	105.2	107.1	106.2	106.8	111.1	113.1	115.8	117.7	68.7
Air transport	10.8	10.8	10.4	10.0	10.1	10.3	10.4	10.3	10.3	10.1	3.1
	Final energy consumption, in megajoule per passenger-kilometre										
Total	1.58	1.58	1.56	1.55	1.57	1.54	1.54	1.54	1.53	1.54	1.63
of which:											
Road traffic	1.68	1.68	1.66	1.66	1.68	1.66	1.66	1.66	1.66	1.66	1.71
Rail transport	0.44	0.42	0.41	0.41	0.38	0.38	0.38	0.36	0.36	0.35	0.56
Air transport	2.86	2.89	2.85	2.69	2.71	2.76	2.73	2.67	2.70	2.80	4.37
	Private motorised transport by purposes, in billion passenger-kilometre										
Total	893.8	896.5	899.1	901.8	904.4	907.1	909.7	912.4	913.3	917.0	788.4
Work-related transport	303.2	308.5	311.2	313.5	320.3	326.3	335.9	335.3	335.2	336.1	...
Commuting	175.9	179.0	180.8	182.5	186.6	189.5	195.1	165.1	164.6	164.7	...
Business	127.3	129.4	130.4	131.0	133.7	136.8	140.8	170.3	170.5	171.4	...
Education	17.5	18.0	18.0	18.4	18.9	19.0	19.2	18.0	17.9	18.0	...
Shopping	160.8	161.9	161.4	162.6	164.3	165.3	166.8	161.4	161.1	160.7	...
Recreation	319.2	323.8	323.7	327.6	332.0	334.5	340.4	279.9	281.4	283.6	...
Conveyance of others	55.4	55.3	54.8	55.0	55.4	55.7	56.7	51.2	50.8	51.1	...
Holiday	46.3	45.0	45.6	44.3	44.1	44.8	46.3	66.5	66.9	67.9	...

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	Proportion of private motorised transport, in %										
Work-related transport	33.9	34.4	34.6	34.8	35.4	36.0	36.9	36.8	36.7	36.6	...
Commuting	19.7	20.0	20.1	20.2	20.6	20.9	21.4	18.1	18.0	18.0	...
Business	33.9	34.4	34.6	34.8	35.4	36.0	36.9	36.8	36.7	36.6	...
Education	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	...
Shopping	18.0	18.1	17.9	18.0	18.2	18.2	18.3	17.7	17.6	17.5	...
Recreation	35.7	36.1	36.0	36.3	36.7	36.9	37.4	30.7	30.8	30.9	...
Conveyance of others	6.2	6.2	6.1	6.1	6.1	6.1	6.2	5.6	5.6	5.6	...
Holiday	5.2	5.0	5.1	4.9	4.9	4.9	5.1	7.3	7.3	7.4	...
	Development of private motorised transport by purposes since 2005, in %										
Work-related transport	7.4	9.2	10.2	11.0	13.4	15.6	19.0	18.8	18.7	19.0	...
Education	-0.5	2.4	2.5	5.0	7.7	8.2	9.3	2.6	1.9	2.7	...
Shopping	-2.1	-1.4	-1.7	-1.0	0.0	0.7	1.5	-1.7	-1.9	-2.1	...
Recreation	2.6	4.0	4.0	5.2	6.7	7.5	9.3	-10.1	-9.6	-8.9	...
Conveyance of others	1.3	1.0	0.1	0.6	1.3	1.9	3.6	-6.4	-7.2	-6.6	...
Holiday	1.7	-1.2	0.0	-2.8	-3.3	-1.6	1.6	45.9	46.9	49.0	...
	Proportion of total passenger transport performance, in %										
Private motorised transport	81.3	81.0	80.9	81.0	81.2	80.9	80.4	80.2	80.2	80.3	86.1

Notes:

- Passenger transport performance within the territory of the Federal Republic of Germany (including carriage by air).
- Air transport: Domestic flights.
- Private motorised transport: Passenger cars, motorized two-wheelers, etc.
- The data on traffic performance, also broken down by purpose, is estimated using passenger traffic accounts from the German Center for Air and Space Research and the German Institute for Economic Research. The basis is the nationwide survey „Mobility in Germany 2017“.

Explanation of symbols:

... = data will be available later.

Data Sources:

Institute for Energy and Environmental Research, AG Energiebilanzen e.V., Federal Statistical Office, Federal Ministry for Digital and Transport

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