

SC71_V-25-MNM-L3_50_HixEV

EU28

2005

2010

2015

2020

2025

2030

2035

2040

2045

2050

Additional reference lookup categories (TBC for scenario comparison file use)

Ton Category

Category2

Mode

Segment

Powertrain

Fuel

Utoth

Ref

Out of scope

Total stock per category and per fuel (in thousand vehicles)										
	1000s vehicles									
Private cars	221608	240842	263530	276842	284488	279824	291663	301039	309589	318278
Diesel Conventional	60954	92182	111685	122459	110112	90074	74694	63462	59122	59738
Diesel Hybrid		62	386	4314	10639	11988	13401	13815	14918	16607
Diesel plug-in hybrid			68	844	5506	6500	9040	10832	12546	15024
Gasoline Conventional	154229	141182	140505	129264	112626	80427	59149	44499	37889	35733
Gasoline Hybrid	25	188	1391	7167	18155	19021	21163	22139	23999	26202
Gasoline plug-in hybrid			96	872	4553	4853	5517	5364	5562	6347
LPG	5552	5822	7340	8360	8892	6633	5187	4144	3796	4225
CNG	848	1341	1793	2646	3747	3492	3527	3235	3326	3439
E85		64	123	236	442	368	378	385	458	543
Electric			143	674	8526	46344	86771	117771	130810	128764
Fuel Cell			0	6	1088	10124	12841	15393	17163	21734

Out of scope

Stock of new vehicles1										
	1000s vehicles									
Private cars	13248	13825	13582	16537	19194	18973	20923	21193	21720	22341
Diesel Conventional	5999	6777	5521	6269	5161	4370	3872	3973	4059	4223
Diesel Hybrid		9	156	885	1030	680	1020	1098	1181	1226
Diesel plug-in hybrid			28	403	672	468	821	919	1045	1152
Gasoline Conventional	6954	6513	6476	5722	4547	2779	2650	2470	2383	2365
Gasoline Hybrid	4	25	575	1426	1698	992	1646	1754	1800	1848
Gasoline plug-in hybrid			30	342	496	241	393	404	436	469
LPG	221	383	602	508	394	139	280	260	270	294
CNG	71	108	112	285	300	120	238	236	252	247
E85		10	13	34	35	14	32	36	40	44
Electric			70	591	4003	7842	9116	8899	8589	8373
Fuel Cell			0	73	857	1327	856	1145	1665	2100

Tailpipe CO2 emissions		in kt CO2								
All transport	1074967	1033375	1028467	1002964	942792	855534	728810	609760	510016	425474
Road transport	853841	859010	845230	810258	744420	659876	546659	445623	369059	312826
Passenger Transport	651919	633178	616148	576734	511710	435586	342749	270825	224149	193094
Private cars	543228	525328	509286	472827	414175	346791	268607	210534	173921	150334

Out of scope

Air Quality pollutant emissions										
in ktonnes										
CO EMISSIONS (in tons CO)										
Road transport	13155	7311	5452	3095	2269	1799	1351	1060	911	839
NOX EMISSIONS (in ktone NOX)										
Road transport	4674	3102	2117	1420	976	738	504	362	284	248
VOC EMISSIONS (in ktone VOC)										
Road transport										
PM EMISSIONS (in ktone PM2.5)										
Road transport	268	199	161	125	92	67	45	32	26	23
SO2 EMISSIONS (in ktone SO2)										
Road transport	23	6	6	5	5	4	4	4	4	4
Costs										
in Million Euro'13										

Out of scope

Out of scope

Annual average payments for infrastructure		in Million Euro*13						
Total		396	1801	6171	13091	17612	17991	15403
Electricity		396	1760	5747	11903	16072	16250	13798
Hydrogen		0	41	424	1188	1540	1741	1605

* new stock includes actual new registrations on the specified year

Source PRIMES-TREMOVE Transport Model