

Non-GSE - Non-GSE Information provided by Operators

Table 1: AAHK Vehicles and Operation Information in 2011

Source	Vehicle Type	Vehicles Weight (tonnes) ^[1]	Fuel Type ^[2]	Euro Emission Standard ^[1]	Fuel Used in Year 2011 (L)	Mileage in Year 2011 (km) ^[1]
AA00001	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	363	N/A
AA00004	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	4582	19806
AA00134	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	3414	6967
AA00144	Other Mobile Machinery	13.5	Diesel Oil	EURO II	1744	2040
AA00154	Light Goods Vehicle	3.9	Diesel Oil	EURO II	1591	4798
AA00176	Light Goods Vehicle	5.5	Diesel Oil	EURO II	998	1369
AA00251	Light Goods Vehicle	3.9	Diesel Oil	EURO II	61	N/A
AA00552	Passenger Car / Private Car	N/A	LPG in litre	N/A	6128	N/A
AA00553	Passenger Car / Private Car	N/A	LPG in litre	N/A	9240	N/A
AA00577	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	EURO III	3349	8098
AA00592	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	6085	N/A
AA00594	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	4351	N/A
AA00620	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	EURO IV	6727	22364
AA00694	Medium Goods Vehicle	16.0	Diesel Oil	EURO IV	4852	N/A
AA00700	Light Goods Vehicle	2.8	Diesel Oil	EURO IV	4198	N/A
AA00704	Light Goods Vehicle	2.8	Diesel Oil	EURO IV	2408	N/A
AA00732	Heavy Goods Vehicle	7.5	Diesel Oil	N/A	1958	3853
AA00754	Heavy Goods Vehicle	N/A	Diesel Oil	N/A	9297	N/A
AA00760	Other Mobile Machinery	18.0	Diesel Oil	EURO IV	22734	16334
AA00768	Other Mobile Machinery	16.0	Diesel Oil	N/A	17087	10899
AA00776	Other Mobile Machinery	24.0	Diesel Oil	EURO IV	1188	N/A
AA00804	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	1840	N/A
AA00805	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	EURO IV	5113	25400
AA00806	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	2969	24588
AA00810	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	1397	N/A
AA00842	Light or Public Light Bus	4.8	Diesel Oil	EURO II	3439	N/A
AA00843	Light or Public Light Bus	4.8	Diesel Oil	EURO II	2985	N/A
AA00871	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	8293	32782
AA00873	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	2631	N/A
AA00878	Light Goods Vehicle	2.9	Diesel Oil	EURO IV	2716	N/A
AA00900	Passenger Car / Private Car	N/A	LPG in litre	N/A	7904	N/A
AA00904	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	2500	N/A
AA00915	Other Mobile Machinery	24.0	Diesel Oil	EURO II	18869	N/A
AA00916	Other Mobile Machinery	N/A	Diesel Oil	N/A	15815	N/A
AA00927	Medium Goods Vehicle	12.0	Diesel Oil	N/A	1606	N/A
AA00928	Medium Goods Vehicle	12.0	Diesel Oil	N/A	2176	N/A
AA00929	Other Mobile Machinery	24.0	Diesel Oil	EURO II	21201	N/A
AA00930	Other Mobile Machinery	24.0	Diesel Oil	EURO II	21445	N/A
AA00931	Other Mobile Machinery	24.0	Diesel Oil	EURO II	14631	N/A
AA00932	Other Mobile Machinery	24.0	Diesel Oil	EURO II	21112	N/A
AA00933	Other Mobile Machinery	N/A	Diesel Oil	N/A	0	N/A
AA00934	Other Mobile Machinery	24.0	Diesel Oil	EURO II	20877	N/A
AA00935	Other Mobile Machinery	N/A	Diesel Oil	N/A	5398	N/A
AA00936	Other Mobile Machinery	24.0	Diesel Oil	EURO II	16388	N/A
AA00937	Other Mobile Machinery	24.0	Diesel Oil	EURO II	21314	N/A
AA00938	Other Mobile Machinery	24.0	Diesel Oil	N/A	20511	N/A
AA00940	Other Mobile Machinery	24.0	Diesel Oil	EURO II	15259	N/A
AA00941	Other Mobile Machinery	24.0	Diesel Oil	N/A	17115	N/A
AA00942	Other Mobile Machinery	24.0	Diesel Oil	EURO II	16514	N/A
AA00943	Other Mobile Machinery	24.0	Diesel Oil	N/A	15148	N/A
AA00944	Other Mobile Machinery	24.0	Diesel Oil	N/A	10349	N/A
AA00945	Other Mobile Machinery	N/A	Diesel Oil	N/A	22543	N/A
AA00946	Other Mobile Machinery	24.0	Diesel Oil	EURO II	25551	N/A
AA00947	Other Mobile Machinery	24.0	Diesel Oil	N/A	19963	N/A
AA00948	Other Mobile Machinery	13.4	Diesel Oil	EURO II	11679	N/A
AA00949	Other Mobile Machinery	13.4	Diesel Oil	EURO II	7443	N/A
AA00951	Other Mobile Machinery	13.4	Diesel Oil	N/A	14431	N/A
AA00952	Other Mobile Machinery	13.4	Diesel Oil	EURO II	13010	N/A
AA00971	Other Mobile Machinery	24.0	Diesel Oil	EURO II	18485	N/A
AA00972	Other Mobile Machinery	24.0	Diesel Oil	EURO II	15348	N/A
AA00989	Passenger Car / Private Car	N/A	Unleaded Petrol (ULP)	N/A	6575	N/A
AA01037	Medium Goods Vehicle	12.0	Diesel Oil	N/A	3632	N/A
AA01045	Other Mobile Machinery	18.0	Diesel Oil	EURO V	32160	15900

Note:

[1] N/A = No information available

[2] According to AAHK policy, by 2017 all saloon vehicles on the airside will be electric. Hence there will be no saloon vehicles emission during the assessment year of 2031.

[3] "Other Mobile Machinery" consists of passenger bus, road sweeper, runway sweeper and etc.

Table 2: Number and Type of Non-GSE Vehicles (Except AAHK) in 2011 ^{[4][5]}

Fuel Type	Vehicle Class	Vehicle Gross Weight	Number of Vehicles
Diesel	Light Goods Vehicles	2.5 - 3.5 t	351
Diesel	Light Goods Vehicles	> 3.5 t	122
Diesel	Heavy Goods Vehicles	<= 15 t	35
Diesel	Heavy Goods Vehicles	> 15 t	33
Diesel	Private Light Bus	> 3.5t	83
Diesel	Non-franchised Bus	6.4 - 15 t	10
Diesel	Non-franchised Bus	> 15 t	20

Petrol	Light Goods Vehicles	2.5 - 3.5 t	39
Petrol	Private Light Bus	> 3.5 t	11
LPG	Private Light Bus	> 3.5 t	13

Note:

[4] Vehicles for construction and for emergency uses are not included.

[5] Since the information provided by operator are confidential, only summary is provided in this EIA.

Table 3: Operation Information of Non-GSE Vehicles (Except AAHK) in 2011

Company ^[6]	Vehicles type	Number of Vehicles in AA Registration ^[7]	Fuel Type	Total Mileage (km) ^[8]	Annual Fuel Consumption (L) ^[8]
Company A	Van	18	Diesel	521,301	N/A
Company A	Light Bus	19	Diesel	894,125	N/A
Company A	Crew Bus	15	Diesel	601,943	N/A
Company A	Medium & Heavy Goods Vehicle	4	Diesel	N/A	2,124,208
Company B	Light Bus	5	Diesel & LPG	N/A	84,350
Company B	Light Goods Vehicles	1	Diesel	N/A	4,265
Company C	Light or Public Light Bus	3	LPG	N/A	11,741
Company D	Light Goods Vehicles	105	Diesel	N/A	2,892,146

Note:

[6] No company names are given in the EIA report for confidential information.

[7] The number for vehicles are based on the AAHK Vehicles Registration Record

[8] N/A = No information available

[9] For Non-GSE Vehicles without operation information, the mileage and fuel consumption is assumed as the average value of the vehicles under the same category of AAHK Vehicles Registration Record.