EEA geospatial data catalogue

Monitoring of CO2 emissions from heavy-duty vehicles, Reporting Period 2024-2025

Regulation (EU) 2019/1242 requires EU Member States and manufacturers to report data related to heavy-duty vehicles. The data presented here covers the relevant M and N vehicle categories.

The reporting periods are annual and run from 1st July to 30 June the following year.

Revision 31/08/2026 includes the columns WMI (world manufacturer identifier), Pk_vehicle & Pk_for_CO2 (Primary key).

Revision 09/09/2026 includes the columns TPMLM_EHC (technical permissible maximum laden mass extra heavy combinations), design for public services and registered for public services.

Revision 23/09/2026 includes data that were inadvertently omitted during the previous dataset revision.

Simple

Identification info

Date (Creation)	2025-07-18T11:43:44+00:00
Date (Publication)	2026-07-29T11:43:44+00:00
Date (Revision)	2026-08-31
Date (Revision)	2026-09-09
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Edition	01.00
Citation identifier	eea_t_co2-emission-hdv_p_2024-2025_v01_r00
Citation identifier	DAT-251-en
Citation identifier	co2-emission-hdv

Identifier

Code	10.2909/1e44df1d-6a56-41e4-9d67-aeae0ab909c9
Codespace	doi.org
Description	Digital Object Identifier (DOI)

Point of contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency			http://www.eea.europa.eu	Publisher
European Environment Agency			http://www.eea.europa.eu	Processor

Topic category

- Environment

Extent

Temporal extent

Time period	2024-07-01 2025-06-30
Maintenance and update frequency	Annually
Reporting obligations	• Reporting of registrations of new heavy-duty vehicles in the Member States • Reporting of data on new heavy-duty vehicles by manufacturers
EEA topics	• Transport and mobility • Climate change mitigation: reducing emissions
Continents, countries, sea regions of the world.	• Portugal • Germany • Greece • Latvia • Poland • France • Malta • Italy • Croatia • Hungary • Netherlands • Cyprus • Belgium • Ireland • Slovakia • Luxembourg • Estonia • Romania • Finland • Austria • Norway • Spain • Lithuania • Bulgaria • Slovenia • Czechia • Denmark • Sweden

Resource constraints

Use limitation	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: Directorate-General for Climate Action (DG-CLIMA), European Environment Agency (EEA).

Resource constraints

Access constraints	Other restrictions
Other constraints	No limitations to public access
Language	English
Additional Information	Europe

Distribution Information

Distribution format	• ascii (.csv, .txt, .sql)
OnLine resource	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_co2-emission-hdv_p_2024-2025_v01_r00
OnLine resource	Direct download

OnLine resource	CO2 from heavy duty vehicles - Statistical metadata (2024)
OnLine resource	Online data viewer Trucks and Buses
OnLine resource	Digital Object Identifier (DOI)

Resource lineage

Statement	Data reported by national authorities and vehicle manufacturers.
Hierarchy level	Dataset

Metadata

Metadata identifier	1e44df1d-6a56-41e4-9d67-aeae0ab909c9
Language	English
Character encoding	UTF8

Contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu		Point of contact

Type of resource

Resource type	Non geographic dataset
Name	Tabular dataset

Metadata linkage	https://doi.org/10.2909/1e44df1d-6a56-41e4-9d67-aeae0ab909c9
Date info (Creation)	2026-07-14T08:42:04.685014Z
Date info (Revision)	2026-09-23T08:46:47.967322Z

Metadata standard

Title	ISO 19115-3:2018
Edition	1.0

Overviews

Vehicle_id	Model	Make	Manufacturer	ManufacturerAddress	Manufacturer_2	ManufacturerAddress_2	VehicleTypeApprovalNumber	VehicleCategory	VehicleGroup	VehicleGroupCO2	CorrectedActualMass	TechnicalPermTechnicalPermissZeroEmissionVehicle	HybridElectricHDV	DualFuelVehicle	ExemptedVehicle	AxleConfiguration	VocationalVehicle	SleeperCab
0x02826722D5B	Mercedes-Benz	Mercedes Benz	Daimler AG	D-70546 Stuttgart Deutschland	NULL	NULL	NULL	N3	5	NULL	8297	26 t	0	0	0	0	NULL	6x2	0	0
0x02928BFA39 TGX 18.480 4x2 BL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	5	NULL	7096	18 t	0	0	0	0	NULL	4x2	NULL	1
0x02836F9DFF11F 480 FAN	DAF Trucks N.V.	DAF Trucks N.V.	Hugo van der Goeslaan 1, 5643TW Eindhoven	NULL	NULL	NULL	N3	9	NULL	9134	28 t	0	0	0	0	NULL	6x2	0	1
0x02839DCD0E Eurocargo 2019	IVECO	IVECO S.p.A.	10156 Torino	NULL	NULL	NULL	N3	4	NULL	5536	18 t	0	0	0	0	NULL	4x2	0	0
0x0284CDD1376E5D4296349BFB9B82	Mercedes Benz	Daimler Truck AG	Mercedesstr. 120, D-70372 Stuttgart	NULL	NULL	NULL	N3	9	NULL	8735	26 t	0	0	0	0	NULL	6x2	0	0
0x02852726397 Actros	Mercedes Benz	Daimler Truck AG	DE-Stuttgart / 70771 Leinfelden-Echterdingen	NULL	NULL	NULL	N3	9	NULL	8297	28 t	0	0	0	0	NULL	6x2	0	0
0x02838275 5XLID 42R6MLAIR	Renault	RENAULT TRUCK	99 ROUTE DE LYON, 69 802 SAINT-PRIES, FRANCE	NULL	NULL	NULL	N2	2	NULL	4554	12 t	0	0	0	0	NULL	4x2	0	0
0x02857AD4C2 R 450 A4x2NA	Scania	Scania CV AB	SE-151 87 Södertälje Sweden	NULL	NULL	NULL	N3	5	NULL	8047	19 t	0	NULL	NULL	NULL	NULL	4x2	0	1
0x02838787E91Canter	MITSUBISHI FUSC	Mitsubishi Fuso Truck	10,Oiwa-cho, Nakahara-ku, Kawasaki-shi, Ka	e4*2007/46*0785*15	N2	1s	N/A	2585	7490 kg	false	false	false	false	false	4x2	false	false	
0x02865374A1 1050T	Ford	Ford Otomotiv Sanayi	Akpinar Mah, Hasan Basri Cad. No:2 34885 Istar	NULL	NULL	NULL	N3	5	NULL	8303	19 t	0	0	0	0	NULL	4x2	0	1
0x02874B2B4E XG 530 FTP	DAF Trucks N.V.	DAF Trucks N.V.	Hugo van der Goeslaan 1, 5643TW Eindhoven	NULL	NULL	NULL	N3	10	NULL	8585	23.9 t	0	0	0	0	NULL	6x2	0	1
0x02877D53B5 FH 62R 13A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	9	NULL	9068	26.5 t	0	0	0	0	NULL	6x2	0	1
0x02870037B5 FH 42 13NA	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	5	NULL	8093	19 t	0	0	0	0	NULL	4x2	0	1
0x02846678 2C Daily MY 2024	IVECO	IVECO S.p.A.	10156 Torino	e3*2007/46*0115*24	N2	53	N/A	2606	7200 kg	false	false	false	false	false	4x2	false	false	
0x02827490 2E Atego	Mercedes Benz	Daimler Truck AG	Mercedesstr. 120, D-70372 Stuttgart	NULL	NULL	NULL	N3	3	NULL	4801	13.5 t	0	0	0	0	NULL	4x2	0	0
0x02867C9B88 LD 42R6LAIR	Renault	RENAULT TRUCKS	99 ROUTE DE LYON, 69 802 SAINT-PRIEST, FRANC	NULL	NULL	NULL	N2	2	NULL	4962	12 t	0	0	0	0	NULL	4x2	0	0
0x0284ABBAE7 S 500 A6x2NA	Scania	Scania CV AB	SE-151 87 Södertälje Sweden	NULL	NULL	NULL	N3	5	NULL	8197	19 t	0	NULL	NULL	NULL	NULL	4x2	0	1
0x028A2B9C7D TGX 18.510 4x2 LL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	5	NULL	7965	19 t	0	0	0	0	NULL	4x2	0	1
0x028ADFE107 FH 84R P6A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	16	N/A	11983	40000 kg	false	false	false	false	false	8x4	false	true
0x028BE81339 TGM 15.250 4x2 BL CH	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	3	NULL	5119	13.5 t	0	0	0	0	NULL	4x2	0	0
0x028BBD9C98 X-Way	IVECO	IVECO S.p.A.	10156 Torino	e3*2007/46*0133*20	N3	11	N/A	10074	29300 kg	false	false	false	false	false	6x4	false	true	
0x02907372F7 Mercedes-Benz	Mercedes Benz	Daimler AG	D-70546 Stuttgart Deutschland	NULL	NULL	NULL	N3	5	NULL	7924	18 t	NULL	NULL	NULL	NULL	4x2	NULL	NULL	
0x028CA203D2 R 410 A4x2NA	Scania	Scania CV AB	SE-151 87 Södertälje Sweden	NULL	NULL	NULL	N3	5	NULL	8527	19 t	0	NULL	NULL	NULL	NULL	4x2	0	1
0x028CA867D2 R 500 A6x2LB	Scania	Scania CV AB	SE-151 87 Södertälje Sweden	NULL	NULL	NULL	N3	5	NULL	8132	19.5 t	0	NULL	NULL	NULL	NULL	4x2	0	1
0x028CA9D9B1 R 540 A6x4NA	Scania	Scania CV AB	SE-151 87 Södertälje Sweden	NULL	NULL	NULL	N3	12	NULL	10205	31 t	0	NULL	NULL	NULL	NULL	6x4	0	1
0x028CB650C3 Actros	Mercedes Benz	Daimler Truck AG	Mercedesstr. 120, D-70372 Stuttgart	NULL	NULL	NULL	N3	5	NULL	6980	19 t	0	0	0	0	NULL	4x2	0	1
0x028CE74AE4 Actros	Mercedes Benz	Daimler Truck AG	DE-Stuttgart / 70771 Leinfelden-Echterdingen	e1*2018/858*00045*06	N3	9	9-RD	8659	26000 kg	false	false	false	false	false	6x2	false	false	
0x028CF284BB FL 42 R 814L	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	3	NULL	5083	14 t	0	0	0	0	NULL	4x2	0	0
0x028D80B34B Actros	Mercedes Benz	Daimler Truck AG	DE-Stuttgart / 70771 Leinfelden-Echterdingen	e1*2018/858*00040*08	N3	5	5-LH	7887	18000 kg	false	false	false	false	false	4x2	false	true	
0x028D7B439B TGX 18.520 4x2 BL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich		N3	5	5-LH	7621	18000 kg	false	false	false	false	false	4x2	false	true	
0x028DAA8234 THD K 450C B6x2*4NI S	Scania	Scania CV AB	SE-151 87 Södertälje Sweden		M3	P3S/34	N/A	NULL	26500 kg	false	false	false	false	false	6x2			
0x028E4CAB2C TGL 12.190 4x2 BL CH	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N2	2	NULL	4110	12 t	0	0	0	0	NULL	4x2	0	0
0x028E6B4230 FL 42 R 814A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	3	NULL	5134	14 t	0	0	0	0	NULL	4x2	0	0
0x028E569FCC TGX 18.470 4x2 BL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	5	NULL	7419	19.5 t	0	0	0	0	NULL	4x2	0	1
0x028EC2F52A FH 42 13NA	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	5	NULL	7838	20.5 t	0	0	0	0	NULL	4x2	0	1
0x028F2558 7D FH 42T 3A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN		e1*2007/46*0967	N3	5	5-LH	7952	20500 kg	false	false	false	false	false	4x2	false	true
0x028F9B6968 FH 42T 3A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN		e1*2007/46*0967	N3	5	5-LH	8011	20500 kg	false	false	false	false	false	4x2	false	true
0x029027D4FAE FMX 8 6R T3A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN	NULL	NULL	NULL	N3	16	NULL	10321	36 t	0	0	0	0	NULL	8x4	0	0
0x029043F7C7 TGX 18.480 4x2 BL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	5	NULL	7466	18 t	0	0	0	0	NULL	4x2	NULL	1
0x02905E7E5D TGX 18.520 4x2 BL SA	MAN	MAN Truck & Bus SE	Dachauer Straße 667, 80995 Munich	NULL	NULL	NULL	N3	5	NULL	7621	20.5 t	0	0	0	0	NULL	4x2	0	1
0x0918408B0E Daily MY 2021	IVECO	IVECO S.p.A.	10156 Torino	e3*2007/46*0115*23	N2	53	N/A	2360	7200 kg	false	false	false	false	false	4x2	false	false	
0x0918D962BE XG 480 FAR	DAF Trucks N.V.	DAF Trucks N.V.	Hugo van der Goeslaan 1, 5643TW Eindhoven	NULL	NULL	NULL	N3	9	NULL	9415	27 t	0	0	0	0	NULL	6x2	0	1
0x0917F7A5E0 S 460 A4x2NA	Scania	Scania CV AB	SE-151 87 Södertälje Sweden		N3	5	5-LH	7926	19000 kg	false	false	false	false	false	4x2	false	true	
0x0920778495 FL 42 R 512A	Volvo	VOLVO TRUCK CORPO	SE 405 08 GOTEBORG, SWEDEN		e2*2007/46*0161	N2	2	2	4617	12000 kg	false	false	false	false	false	4x2	false	false
0x0920D5E1F9 S-Way	IVECO	IVECO Magirus AG	D-89070 Ulm	NULL	NULL	NULL	N3	5	NULL	7995	20 t	0	0	0	0	NULL	4x2	0	1
0x092329D0FA Arocs	Mercedes Benz	Daimler Truck AG	DE-Stuttgart / 70771 Leinfelden-Echterdingen	NULL	NULL	NULL	N3	5	NULL	8276	18 t	0	0	0	0	NULL	4x2	0	1
0x092BF3F39A P 460 B6x2*4NB	Scania	Scania CV AB	SE-151 87 Södertälje Sweden		N3	9	9-RD	8387	27000 kg	false	false	false	false	false	6x2	false	false	

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