

ASPHALT IN FIGURES 2019





EAPA is the European industry association which represents the manufacturers of bituminous mixtures, companies engaged in asphalt road construction and maintenance as well as the additive and equipment producers. It has the mission to ensure that the use of asphalt, as the optimum choice for the construction and maintenance of the vital European road infrastructure, is fully appreciated, promoted and implemented. Conscious of the importance of providing information to the public, EAPA is pleased to present to you the data of 'Asphalt in Figures' for the year 2019.

*François Chaignon
President EAPA*



**EUROPEAN ASPHALT
PAVEMENT ASSOCIATION**

KEY FIGURES OF THE EUROPEAN ASPHALT INDUSTRY IN 2019

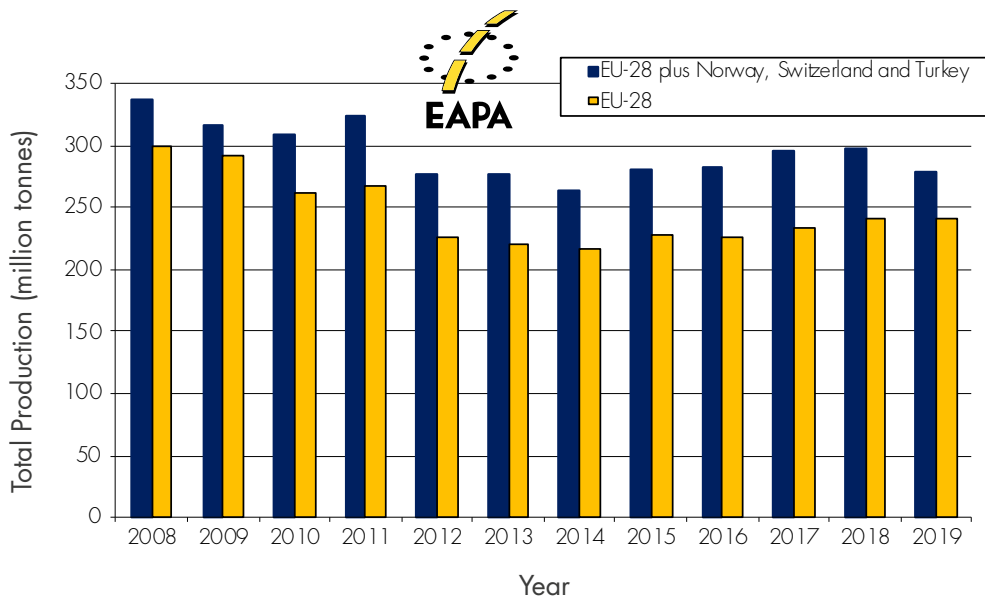
This document provides an overview of the figures of the European asphalt sector until the year 2019. The data refers to production, types of asphalt, applications, binders, re-use/recycling rates, number of companies and production sites. These figures have been established e.g. with the assistance of the members of the European Asphalt Pavement Association, being at the moment the best available and most reliable data for the asphalt industry.

In some cases, data from some countries were not available, which was marked in the tables as "no data" and accounting zero for the calculation of total figures. In other cases, some countries did not provide the data of a certain year, but this could be estimated based on the historic series of data they did provide over the previous years. This is marked with "*" next to the estimated value.

FIGURE 1. GRAPH OF TOTAL PRODUCTION

TOTAL PRODUCTION OF ASPHALT IN EU-28 AND EU-28 PLUS NORWAY, SWITZERLAND AND TURKEY, FROM 2008 TO 2019

(in million tonnes)



ASPHALT IN FIGURES 2019

TABLE 1. TOTAL PRODUCTION

TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT IN THE PERIOD 2009 - 2019
(in million tonnes)

Country	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	9,0	8,2	8,0	7,2	7,0	7,2	7,2	7,4	7,4	7,5	7,5
Belgium	4,7	4,8	5,9	5,6	5,3	5,2	5,0	5,1	5,6	5,8	5,2
Bulgaria	no data	no data	no data	no data	no data	no data	2,0*	2,0*	2,0*	2,0*	2,0*
Croatia	3,2	2,7	2,6	2,5	2,8	2,3	2,2	2,2	2,2	2,5	2,6
Cyprus	no data	no data	no data	no data	no data	no data	no data	0,2*	0,2*	0,2*	0,2*
Czech Republic	7,0	6,2	5,8	5,6	5,4	6,4	8,0	6,7	7,4	7,9	6,8
Denmark	2,7	3,2	4,0	3,6	3,7	3,7	3,7	3,8	4,0	3,9	3,5
Estonia	1,2	1,1	1,3	1,1	1,2	1,3	1,5	1,5	1,7	1,6	1,6
Finland	5,2	4,9	5,0	4,5	4,5	4,7	5,4	5,9	6,4	6,1	5,5
France	40,1	38,8	39,2	35,3	35,4	31,9	31,5	33,6	33,7	35,0	35,8
Germany	55,0	45,0	50,0	41,0	41,0	39,0	39,0	41,0	42,0	41,0	40,0
Great Britain	20,5	21,5	22,4	18,5	19,2	20,6	21,9	22,0	22,7	22,9	25,2†
Greece	8,7	5,2	2,3	1,6	2,7	2,7*	2,5*	2,3*	2,3*	2,3*	2,3*
Hungary	1,6	3,4	2,3	2,5	2,7	3,8	3,9	2,8	2,6	4,7	5,0
Iceland	0,3	0,2	0,2	0,2	0,2	0,3	0,3	0,3*	0,3*	0,3*	0,3*
Ireland	3,3	2,3	1,8	1,9	1,8	1,8	1,9	1,9	2,0	1,9	2
Italy	34,9	29,0	28,0	23,2	22,3	22,3	23,1	23,1	23,7	26,0	30,1
Latvia	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*
Lithuania	1,5	1,6	1,6	1,3	1,3*	1,3*	1,6	1,6	1,6*	1,6*	1,6*
Luxembourg	0,6	0,7	0,65	0,61	0,7	0,7*	0,7	0,7*	0,9	0,9*	0,9*
Malta	no data	no data	no data	no data	no data	no data	no data	0,1*	0,1*	0,1*	0,1*
Netherlands	9,8	9,5	9,6	9,2	9,7	9,0	8,0	8,2	8,1	7,9	7,7
Norway	6,5	5,9	6,7	6,3	6,4	7,0	6,9	7,2	7,8	7,5	7,7
Poland	18,0	18,0	26,5	21,1	18,2	16,5	18,5	19,0*	19,0*	19,0*	19,0*
Portugal	9,0*	6,7	6,4	6,4*	6,4*	6,4*	6,4*	6,2*	6,2*	6,2*	3,1
Romania	3,6	3,2	3,6	3,2	4,1	4,5	4,5*	4,5*	4,5*	4,5*	1,7‡
Serbia	no data	no data	no data	no data	no data	1,3	1,3	1,3*	1,3*	1,3*	1,3*
Slovakia	2,2	1,9	2,2	1,9	1,6	1,5	2,7	1,9	2,0	2,3	2,4
Slovenia	2,3	1,8	1,3	1,1	1,2	1,4	1,6	1,6	1,8	2,0	1,9
Spain	39,0	34,4	29,3	19,5	13,2	14,5	16,4	13,1	15,2	16,0	18,8
Sweden	8,1	7,9	8,1	7,7	7,6	8,5	8,2	8,2*	8,2*	8,2*	8,2*
Switzerland	5,4	5,3	5,4	4,8	4,8	6,5	6,5*	6,5*	6,5*	6,5*	5,5
Turkey	23,1	35,3	43,5	38,4	46,2	30,9	37,9	40,4	46,9	41,7	23,5
EU-28	291,6	262,6	268,5	226,7	219,7	217,7	228,1	226,8	233,9	240,5	241,4
Europe	326,9	309,3	324,3	276,4	277,3	263,7	280,9	282,5	296,7	297,9	279,7
Ontario - Canada	13,2*	14,0	13,5	13,0	no data	13,8	14,2	13,3	no data	no data	no data
USA	324,0	326,0	332,0	326,9	318,1	319,0	331,0	340,0	344,0	353,0	382,0
South Africa	no data	no data	5,7	5,7	5,5	5,4	4,8	4,8	4,1	4,2	4,1

† The figures of Great Britain until 2018 refer only to Members of the Mineral Products Association. The value of 2019 is an extrapolation for the whole country.
For MPA Members only, the value of 2019 is 22,7Mt

‡ The figures of Romania refer only to the network of 16,000 km of national roads and 690 km of highways and do not contain data on regional and local roads

TABLE 2. SURFACE, BINDER AND BASE COURSE

APPLICATION IN SURFACE-, BINDER-, AND BASE COURSES OF TOTAL ANNUAL HOT AND WARM MIX PRODUCTION IN 2019 (in %)

Country	Surface course	Binder course	Base course
Austria	55	20	25
Belgium	52	48	0
Croatia	64	4	32
Czech Republic	54	25	21
Denmark	51	7	42
Estonia	60	4	36
Finland	87	0	13
Germany	32	20	48
Hungary	60	34	6
Italy	55	30	15
Norway	80	10	10
Portugal	63	27	10
Romania	73	14	13
Slovakia	66	18	16
Slovenia	51	10	39
Spain	69	20	11
Switzerland	25	30	45
Turkey	44	30	26

TABLE 3A. SURFACE COURSES

USE OF DIFFERENT TYPES OF ASPHALT MIXES IN SURFACE COURSES (in %)

Country	Asphalt concrete EN 13108-1	Asphalt concrete for very thin layers EN13108-2	Soft Asphalt EN 13108-3	Hot Rolled Asphalt EN 13108-4	Stone Mastic Asphalt EN 13108-5	Mastic Asphalt EN 13108-6	Porous Asphalt EN 13108-7
Austria	90,0	-	-	-	9,0	1,0	-
Belgium	73,6	0,6	-	-	23,8	0,7	1,3
Croatia	94,2	0,9	-	-	4,9	-	-
Czech Republic	83,3	0,4	-	-	14,8	1,3	0,2
Denmark	70,3	-	-	-	29,3	-	0,4
Estonia	96,7	-	-	-	3,0	-	0,3
Finland	83,4	-	4,4	-	11,7	0,5	-
France	-	-	-	-	-	0,4	-
Germany	59,4	-	-	-	28,1	6,3	6,3
Hungary	89,0	-	-	-	9,0	1,0	1,0
Portugal	92,1	-	-	-	6,3	-	1,6
Romania	62,3	-	-	-	37,7	-	-
Slovakia	92,0	-	-	-	7,0	1,0	0,0
Slovenia	87,0	-	-	-	11,5	-	1,5
Spain	81,2	13,1	-	-	4,7	-	1,0
Turkey	97,7	-	-	-	2,3	-	-

TABLE 3B. SURFACE COURSES

APPLIED AREA OF DIFFERENT TYPES OF ASPHALT MIXES IN SURFACE COURSES (in million m²)

Country	Asphalt concrete EN 13108-1	Asphalt concrete for very thin layers EN13108-2	Soft Asphalt EN 13108-3	Hot Rolled Asphalt - EN 13108-4	Stone Mastic Asphalt EN 13108-5	Mastic Asphalt EN 13108-6	Porous Asphalt EN 13108-7
Belgium	22,61	0,35	0,00	0,00	8,51	0,42	0,52
Croatia	16,70	0,20	0,00	0,00	0,90	0,00	0,00
Czech Republic	20,30	0,20	0,00	0,00	4,70	0,30	0,04
Denmark	17,00	0,00	0,00	0,00	6,50	0,00	0,20
France	-	-	-	-	-	3,80	-
Hungary	3,58	0,00	0,00	0,00	0,44	0,04	0,04
Portugal	14,60	0,00	0,00	0,00	1,40	0,00	0,50
Romania	6,46	0,00	0,00	0,00	4,65	0,00	0,00
Slovenia	11,80	0,00	0,00	0,00	1,10	0,00	0,20

TABLE 4A. WARM MIX ASPHALT (WMA)

PRODUCTION OF WARM MIX ASPHALT IN THE PERIOD 2013 - 2019 (in million tonnes)

For this table Warm Mix Asphalt is defined as mixtures produced by using special techniques and/or additives to reduce the production temperature.

The production temperature is between 100°C and 150°C

Country	2013	2014	2015	2016	2017	2018	2019
Austria	0,000	0,000	0,000	0,000	no data	no data	no data
Belgium	no data	no data	<0,05	no data	<0,050	0,100	0,200
Croatia	0,000	0,040	0,060	0,060	no data	no data	no data
Czech Republic	0,030	0,001	0,020	0,007	0,070	0,080	0,001
Denmark	0,120	0,200	0,200	0,250	0,340	0,330	0,320
Estonia	no data	no data	0,008	no data	no data	no data	no data
Finland	0,000	0,120	0,240	0,310	0,430	0,310	0,200
France	3,550	4,023	4,552	4,324	3,824	3,728	4,305
Great Britain	<1,000	<1,000	no data	<0,300	<1,000	<1,000	>1,000
Hungary	0,020	0,038	0,070	0,208	0,210	0,000	0,180
Luxemburg	0,000	0,007	0,007	0,007*	no data	no data	no data
Netherlands	0,060	0,133	0,100	0,100*	0,060	0,790	0,790*
Norway	0,380	0,540	0,592	0,502	0,869	1,339	1,740
Portugal	no data	no data	no data	no data	no data	no data	0,100
Slovakia	no data	no data	0,014	0,035	0,050	0,030	0,035
Slovenia	0,000	0,000	0,000	0,000	0,050	0,002	no data
Spain	0,086	0,140	0,140	0,060	0,200	0,180	0,380
Sweden	0,500	0,700	0,700	0,700*	no data	no data	no data
Switzerland	0,870	0,388	no data	no data	no data	no data	0,500
Turkey	no data	no data	0,080	0,151	0,077	0,000	0,000

USA	69,000	103,000	109,000	106,000	133,000	143,000†	72,000
Ontario-Canada	no data	0,750	0,900	0,750	no data	no data	no data
South Africa	0,150	0,150	0,200	0,200	no data	no data	no data

†Of which 72,1 Mt were produced at reduced temperature and 70,9 Mt at HMA temperature but with WMA technology

TABLE 4B. HALF WARM MIX

PRODUCTION OF HALF WARM MIX ASPHALT (50-100°C) IN THE PERIOD 2014 - 2019 (in tonnes)

Country	2014	2015	2016	2017	2018	2019
Hungary	30.000	10.000	28.000	0	0	no data
Netherlands	no data	no data	100.000	0	no data	no data
Slovakia	no data	no data	1.200	2.000	2.000	2.000
Spain	5.000	9.000	30.000	10.000	20.000	16.000

TABLE 4C. COLD BITUMINOUS MIXTURES/ COLD MIX ASPHALT

PRODUCTION OF COLD BITUMINOUS MIXTURES (BELOW 50°C) IN THE PERIOD 2011 - 2019 (in tonnes)

Country	2011	2012	2013	2014	2015	2016	2017	2018	2019
Austria	20.000	20.000	30.000	no data	no data	no data	no data	no data	no data
Belgium	33.000	27.000	30.000	no data	20.000	20.000	10.000	5.000	no data
Croatia	21.000	23.000	32.000	no data	no data	no data	no data	no data	no data
Czech Rep.	9.907	4.421	9.570	40.000	5.400	5.000	4.000	4.000	6.000
France	1.600.000	1.460.000	1.550.000	1.418.000	1.808.000	1.858.000	1.977.000	1.975.000	1.622.000
Great Britain	no data	no data	no data	no data	<200.000	no data	no data	no data	no data
Hungary	40.000	15.400	58.800	40.000	60.000	30.000	50.000	50.000	60.000
Iceland	no data	no data	no data	10.000	10.000	no data	no data	no data	no data
Lithuania	no data	no data	no data	no data	no data	50.000	no data	no data	no data
Luxembourg	0	2.000	10.000,00	no data	10.000	no data	no data	no data	no data
Netherlands	no data	20.000	0	no data	no data	26.000	23.000	no data	no data
Norway	37.000	6.000	20.000	30.000	no data	no data	no data	no data	no data
Portugal	no data	no data	no data	no data	no data	no data	no data	no data	30.000
Romania	13.000	2.000	2.625	no data	no data	no data	no data	no data	8.000
Slovakia	3.000	0	no data	0	1.000	2.400	1.000	1.000	3.000
Slovenia	no data	no data	26.000	no data	no data	no data	no data	no data	no data
Spain	200.000	92.400	86.700	150.000	94.000	190.000	80.000	100.000	110.000
Sweden	60.000	90.000	90.000	100.000	100.000	no data	no data	no data	no data
Switzerland	740.000	710.000	830.000	25.000	no data	no data	no data	no data	no data
Turkey	1.020.000	1.818.000	1.050.000	938.000	783.000	543.446	1.048.000	707.000	905.000

TABLE 4D. SURFACE APPLICATIONS

APPLICATION OF SLURRY SEAL (SS) & MICRO-SURFACING (MS) / SURFACE DRESSING (SD) IN 2019 (in million m²)

Country	Slurry Seal & Micro-Surfacing	Trend 2018/2019	Surface Dressing
Croatia	0,11	-	-
Czech Republic	1,90	>	0,70
Denmark	0,00	<	3,30
Estonia	no data	no data	12,89
Finland	no data	no data	0,41
France	66,00	>	139,00
Hungary	no data	no data	no data
Portugal	0,60	no data	0,95
Romania	1,12	>	4,80
Slovakia	0,63	>	0,40
Spain	14,00	<	3,10
Turkey	no data	no data	141,00

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TABLE 5. BITUMEN

CONSUMPTION OF BITUMEN IN THE ROAD INDUSTRY IN THE PERIOD 2015 - 2019 (in million tonnes)

Country	Total bitumen consumption					% Modified bitumen (of total)					Emulsions				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
Austria	0,35	0,38	0,40	0,40	0,50	29,0	20,0	8,0	15,0	25,0	0,005	0,008	0,007	0,006	0,006
Belgium	0,19	0,20	0,22	0,22	0,21	25,9	25	37,5	31,9	31,8	no data	no data	no data	no data	no data
Croatia	0,12	0,11	no data	no data	no data	4,00	15,00	no data	no data	no data	0,00	0,00	no data	no data	no data
Czech Republic	0,41	0,34	0,37	0,42	0,40	21,5	27,7	26,6	27	28	0,020	0,020	0,020	0,014	0,012
Denmark	0,19	0,19	0,20	0,19	0,18	5,0	5,0	5,0	5,0	5,0	0,020	0,020	0,020	0,014	0,010
Estonia	0,08	0,08	0,09	0,09	0,10	2,9	2,9	2,1	1	1,7	0,015	no data	0,015	0,015	no data
Finland	0,27	0,27	0,30	0,30	0,30	0	0	0,7	0,7	0,7	0,001	0,004	0,003	0,003	0,003
France	2,40	2,50	2,62	2,72	2,69	7,5	8,2	8,2	8,3	8,1	0,767	0,731	0,724	0,725	0,740
Germany	1,57	1,62	1,71	1,70	1,54	>27,0	>29,7	>29,3	>26,4	>25,8	no data	no data	no data	no data	no data
Great Britain	1,33	1,295	no data	no data	no data	8,0	8,0	no data	no data	no data	0,100	0,100	no data	no data	no data
Hungary	0,19	0,14	0,13	0,23	0,26	28,0	22,0	26,0	20,0	27,0	0,015	0,007	0,010	0,013	0,013
Ireland	0,12	0,13	0,14	0,14	0,14	no data	no data	no data	no data	no data	0,0350	0,0370	no data	0,035	0,040
Italy	1,15	1,16	1,12	1,17	1,37	18,0	17,0	16,5	17,1	18,5	0,070	0,070	0,070	0,070	0,050
Lithuania	0,08	0,09	no data	no data	no data	18,0	19,0	no data	no data	no data	0,0	0,079	no data	no data	no data
Luxembourg	0,05	no data	0,05	0,05*	no data	25,0	no data	15,0	no data	no data	no data	no data	no data	no data	no data
Netherlands	0,30	0,29	0,27	0,27*	no data	3,0	3,3	no data	no data	no data	no data	0,000	no data	no data	no data
Norway	0,36	0,38	0,41	0,41	0,42	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
Portugal	no data	no data	no data	no data	0,18	no data	no data	no data	no data	7,0	no data	no data	no data	no data	0,010
Romania	no data	no data	no data	no data	0,08	no data	no data	no data	no data	4,5	no data	no data	no data	no data	0,003
Slovakia	0,14	0,10	0,10	0,10	0,13	42,0	24,5	25,0	33,0	26,0	0,007	0,006	0,006	0,005	0,006
Slovenia	0,08	0,08	0,09	0,11	0,09	14,7	16,7	20,0	21,0	21,0	no data	no data	no data	no data	no data
Spain	0,75	0,60	0,69	0,68	0,79	14,8	12,2	16,0	10,5	8,7	0,100	0,080	0,070	0,070	0,067
Switzerland	no data	no data	no data	no data	0,28	no data	no data	no data	no data	27,5	no data	no data	no data	no data	no data
Turkey	2,73	2,93	3,62	2,90	1,50	3,9	4,9	2,8	1,0	1,4	0,064	0,059	0,374	0,068	0,039
South Africa	no data	0,39	0,37	0,34	0,35	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data

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TABLE 6. RE-USE AND RECYCLING

RE-USE AND RECYCLING OF RECLAIMED ASPHALT IN 2019

Country	All available Reclaimed Asphalt in 2019 in tonnes	% of available reclaimed asphalt used in							Applied area in m2 of hot reuse of existing asphalt pavement material in-situ / on the road (Remixing, Repaving, Reshaping, Road Train etc.)	The amount of "only" reheated (reused) asphalt material in-situ / on the road (Remixing, Repaving, Reshaping, Road Train etc.) in metric tonnes	
		Hot and Warm Mix Asphalt Production	Half Warm Mix Asphalt Production	On-Site Cold Re-use**	Plant Cold Re-use**	Unbound Road Layers	Other Civil Engineering Applications	Put to Landfill / Other Applications/ Unknown			
Austria	1.800.000	70	30							no data	no data
Belgium	1.637.000	79	0	0	0	no data	no data	no data	no data	no data	
Croatia	210.000	35	no data	2,5	no data	no data	no data	no data	no data	no data	
Czech Republic	2.800.000	14	0	25	0	25	10	26	>400.000	>420.000	
Denmark	1.255.000	70	no data	no data	no data	6	no data	24	no data	no data	
Finland	1.500.000	100	0	0	0	0	0	0	9.700.000	no data	
France	8.074.000	75	10	no data	no data	no data	no data	0	1.750.000	318200	
Germany	13.400.000	82	0	0	0	18	0	0	no data	no data	
Great Britain	6.050.000	30	70							Increasing	no data
Hungary	105.000	98	0	1	1	0	0	0	no data	no data	
Italy	9.500.000	25	75							no data	no data
Norway	1.173.000	28	0	0	1	70	0	0	no data	no data	
Romania	612.500	0	0	5	0	20	0	75	285.000	30.625	
Slovakia	165.600	40	0	48	0	12	0	0	no data	no data	
Slovenia	150.000	23	0	10	0	5	47	15	no data	no data	
Spain	1.486.000	59,6	0,1	8,7	1,0	6,3	0,0	24,3	no data	no data	
Switzerland	1.650.000	90	<1	<1	<1	7	<1	1	no data	no data	
Turkey	1.038.000	9	0	0	0	91	0	0	no data	no data	
USA	88.000.000	94,1	0	0,0	0,3	4,0	1,5	0	no data	no data	

** Cold recycling includes stabilisation with bitumen emulsion, foamed bitumen and/or cement.

ASPHALT IN FIGURES 2019

TABLE 7. COMPANIES

COMPANIES IN THE ASPHALT INDUSTRY IN THE PERIOD 2017 - 2019

Country	Production only			Production & Laying			Laying only		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Austria	0	0	0	68	68	67	0	0	0
Belgium	3	3	3	18	17	17	no data	no data	no data
Croatia	no data	no data	no data	no data	52	no data	no data	9	no data
Czech Republic	26	28	28	23	24	25	>40	>40	>40
Denmark	1	1	1	6	6	6	~10	~10	~10
Estonia	2	2	2	8	8	8	18	14	16
Finland	0	no data	0	10	10	10	15	15	15
France	0	0	0	30	30	30	1.353	1.342	1.383
Germany	260	260	260	150	150	150	3.000	3.000	3.000
Great Britain	23	23	38†	18	18	17	>200	>200	>200
Hungary	2	2	2	33	33	33	32	35	45
Ireland	3	1	1	17	18	18	27	32	30
Italy	400	400*	400	390	390	380	>2.500	>2.500*	>2500
Netherlands	0	0*	no data	17	17*	no data	15	15*	no data
Norway	3	3	3	13	12	12	40	40	no data
Portugal	no data	no data	64	no data	no data	no data	no data	no data	no data
Romania	no data	no data	no data	no data	no data	45	no data	no data	no data
Slovakia	50	20	0	50	20	21	3	15	15
Slovenia	2	2	3	13	13	13	50	55	45
Spain	6	6	6	125	125	125	150	150	150
Switzerland	no data	no data	45	no data	no data	25	no data	no data	>400
Turkey	11	11	11	312	312	349	>100	>100	>100
South Africa	30	no data	no data	26	no data	no data	37	no data	no data

† The figures of Great Britain in 2017 and 2018 refer only to Members of Mineral Products Association. The value of 2019 is an extrapolation for the whole country. For MPA Members only, the number of production-only companies of 2019 is 21

TABLE 8. PRODUCTION SITES

NUMBER OF PRODUCTION SITES IN THE PERIOD 2017 – 2019

Country	Stationary Plants			Mobile plants			All plants that are fit for hot and warm recycling****		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Austria	115	115	114	no data	no data	no data	no data	no data	85
Belgium	38	36	36	0	0	0	32	15	15
Croatia ***	53*	53	53*	2*	1	1*	14*	14	14*
Czech Republic	104	103	102	2	2	2	75	76	77
Denmark	39	37	37	0*	no data	no data	37	35	36
Estonia	5	9	9	16	12	13	12	16	16
France ***	423	423	423	46	37	39	>350	>350	>370
Germany	589	585	553	no data	no data	no data	580	580	549
Great Britain ***	250	245	256	no data	no data	no data	no data	>165	Increasing
Hungary ***	83	84	87	2	2	3	50	50	50
Ireland	39	39	39	1	1	1	4	5	7
Italy	400	400*	380	10	10*	20	360	380	No data
Luxembourg	4	4*	4*	0	0*	0*	3	3*	3*
Netherlands	36	36*	36*	0	0*	0*	36	36*	36*
Norway	84	85	85	8	8	8	25	30	64
Portugal	25*	no data	103	25*	no data	14	15*	no data	48
Romania	50*	no data	80	10*	no data	10	10*	no data	0
Slovakia	44	44	50	4	4	4	21	21	21
Slovenia	17	17	16	1	1	2	1	1	6
Spain	220	220	220	70	70	70	25	25	25
Switzerland **	142*	142*	144	5*	5*	6	80*	80*	80
Turkey ***	119	214	136	535	556	527	15*	15*	15*
South Africa	30	30	30	26	26	26	37	37	37

* Figure not provided but estimated

** One or more plants are operated and owned by the road administration

*** One or more plants are operated and owned by the road administration and/or municipalities

**** Total of stationary and mobile plants

***** This can be all types, e.g. batch plants and/or drum mixer plants and/or plants with parallel drum.

INTERESTING SITES ON THE INTERNET

www.eapa.org	European Asphalt Pavement Association
www.sdruzeni-silnice.cz	Road Contractors Association Prague
www.asfaltindustrien.dk	Danish Asphalt Pavement Association
www.vbwafalt.nl	Dutch Asphalt Pavement Association
www.asfaldiliit.ee	Estonian Asphalt Pavement Association
www.infra.fi	Infra Contractors' Association, Finland
www.routesdefrance.com	Routes de France
www.asphalt.de	German Asphalt Association
www.gestrata.at	Gestrata, Austria
www.hapa.hu	Hungarian Asphalt Pavement Association
www.siteb.it	Italian Asphalt Association
www.eba.no	EBA - Norwegian Contractors Association
www.pswana.pl	Polish Asphalt Pavement Association
www.apdp.ro	Professional Association of Roads and Bridges of Romania
www.mischgut-industrie.ch	Schweizerische Mischgut-Industrie
www.saav.sk	Slovakian Asphalt Pavement Association
www.zdruzenje-zas.si	Slovenian Asphalt Pavement Association
www.asefma.es	Spanish Asphalt Association
www.asmud.org.tr	Turkish Asphalt Contractors Association
www.mineralproducts.org	UK Minerals Products Association
www.vegagerdin.is	Icelandic Road Administration
www.pch.public.lu	L'administration des Ponts et Chaussées Luxembourg
www.lra.lt	Lithuanian Road Administration
www.h-a-d.hr	Croatian Asphalt Association
www.highway.rs	Highway Institute Serbia
www.asphaltpavement.org	US National Asphalt Pavement Association
www.aapa.asn.au	Australian Asphalt Pavement Association
www.ohmpa.org	Ontario Hot Mix Producers Association
www.sabita.org	South African Asphalt and Bitumen Association
www.dohkenkyo.or.jp	Japan Road Contractors Association
www.eurobitume.eu	European Bitumen Association

ASPHALT IN FIGURES 2019

MEMBERS

 Asefma - Spanish Association of Asphalt Producers	 Asfaltindustrien - Danish Asphalt Pavement Association	 ASMUD - Turkish Asphalt Contractors Association	 HAD - Croatian Asphalt Association	 German Asphalt Pavement Association	 EBA - Norwegian Contractors Association
 Eesti Asfaldilid - Estonian Asphalt Association	 HAPA - Hungarian Asphalt Pavement Association	 IAPA - Irish Asphalt Pavement Association	 Infra Contractors' Association, Finland	 MPA - Mineral Products Association, UK	 NCC AB, Sweden
 Peab Asphalt AB, Sweden	 Czech Road Contractors Association	 Routes de France - French Contractors Association	 ZAS - Slovenian Asphalt Pavement Association		

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EUROPEAN ASPHALT PAVEMENT ASSOCIATION

Rue du Commerce 77
B-1040 Brussels, Belgium

Phone +32 2 502 5888
E-mail info@eapa.org
Web www.eapa.org



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