

ASPHALT IN FIGURES 2017




EAPA



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 promote the good use of asphalt in the creation and maintenance of a sustainable European road network. 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 2017.

*John Kruse Larsen
President EAPA*



**EUROPEAN ASPHALT
PAVEMENT ASSOCIATION**

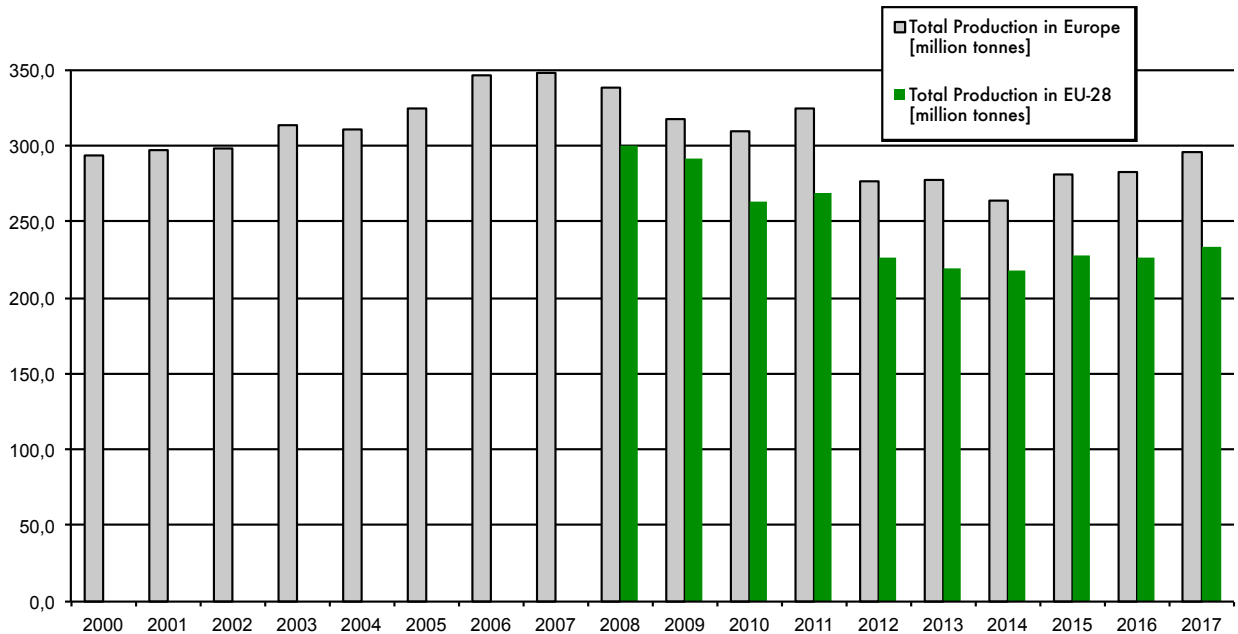
KEY FIGURES OF THE EUROPEAN ASPHALT INDUSTRY IN 2017

In this overview, between a number of European countries, data refer to asphalt production, application and the use of binders. Furthermore several reference data on the road in general are given. The data have been established with the assistance of the members of the European Asphalt Pavement Association, and are at the moment the best available and reliable for the asphalt industry.

'No data' means no data are supplied or available, "...*" figure not provided but estimated. All mass figures are in metric tonnes. EU-28 means all member states of the European Union (EU).

GRAPH TOTAL PRODUCTION

TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT IN EUROPE FROM 2000 TO 2017 (in million tonnes)



ASPHALT IN FIGURES 2017

TOTAL PRODUCTION

TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT FROM 2008 TO 2017
(in million tonnes)

Country	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Austria	9,5	9,0	8,2	8,0	7,2	7,0	7,2	7,2	7,4	7,4
Belgium	4,9	4,7	4,8	5,9	5,6	5,3	5,2	5,0	5,1	5,6
Bulgaria	no data	no data	no data	no data	no data	no data	no data	2,0*	2,0*	2,0*
Croatia	4,2	3,2	2,7	2,6	2,5	2,8	2,3	2,2	2,2	2,2
Cyprus	no data	no data	no data	no data	no data	no data	no data	no data	0,2*	0,2*
Czech Republic	7,3	7,0	6,2	5,8	5,6	5,4	6,4	8,0	6,7	7,4
Denmark	3,1	2,7	3,2	4,0	3,6	3,7	3,7	3,7	3,8	4,0
Estonia	1,5	1,2	1,1	1,3	1,1	1,2	1,3	1,5	1,5	1,7
Finland	6,0	5,2	4,9	5,0	4,5	4,5	4,7	5,4	5,9	6,4
France	41,8	40,1	38,8	39,2	35,3	35,4	31,9	31,5	33,6	33,7
Germany	51,0	55,0	45,0	50	41	41,0	39,0	39,0	41,0	42,0
Great Britain	25,0	20,5	21,5	22,4	18,5	19,2	20,6	21,9	22,0	22,7
Greece	8,1	8,7	5,2	2,3	1,6	2,7	2,7*	2,5*	2,3*	2,3*
Hungary	2,5	1,6	3,4	2,3	2,5	2,7	3,8	3,9	2,8	2,6
Iceland	0,4	0,3	0,2	0,2	0,2	0,2	0,3	0,3	0,3*	0,3*
Ireland	2,8	3,3	2,3	1,8	1,9	1,8	1,8	1,9	1,9	2,0
Italy	36,5	34,9	29,0	28	23,2	22,3	22,3	23,1	23,1	23,7
Latvia	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*	0,6*
Lithuania	2,2	1,5	1,6	1,6	1,3	1,3*	1,3*	1,6	1,6	1,6*
Luxembourg	0,6*	0,6	0,7	0,65	0,61	0,7	0,7*	0,7	0,7*	0,9
Malta	no data	no data	no data	no data	no data	no data	no data	no data	0,1*	0,1*
Netherlands	9,3	9,8	9,5	9,6	9,2	9,7	9,0	8,0	8,2	8,1
Norway	5,7	6,5	5,9	6,7	6,3	6,4	7,0	6,9	7,2	7,8
Poland	15,0	18,0	18,0	26,5	21,1	18,2	16,5	18,5	19,0*	19,0*
Portugal	9,0*	9,0*	6,7	6,4	6,4*	6,4*	6,4*	6,4*	6,2*	6,2*
Romania	3,3	3,6	3,2	3,6	3,2	4,1	4,5	4,5*	4,5*	4,5*
Serbia	no data	no data	no data	no data	no data	no data	1,3	1,3	1,3*	1,3*
Slovakia	2,2*	2,2	1,9	2,2	1,9	1,6	1,5	2,7	1,9	2,0
Slovenia	2,6	2,3	1,8	1,3	1,1	1,2	1,4	1,6	1,6	1,8
Spain	42,3	39,0	34,4	29,3	19,5	13,2	14,5	16,4	13,1	15,2
Sweden	8,7	8,1	7,9	8,1	7,7	7,6	8,5	8,2	8,2*	8,2*
Switzerland	5,3	5,4	5,3	5,4	4,8	4,8	6,5	6,5*	6,5*	6,5*
Turkey	26,6	23,1	35,3	43,5	38,4	46,2	30,9	37,9	40,4	46,9

EU-28	300,0	291,6	262,6	268,5	226,7	219,7	217,7	228,1	226,8	233,9
Europe	338,0	326,9	309,3	324,3	276,4	277,3	263,7	280,9	282,5	296,7

Ontario - Canada	13,2*	13,2*	14	13,5	13,0	no data	13,8	14,2	13,3	no data
USA	440,0	324,0	326,0	332,0	326,9	318,1	319,0	331,0	340,0	344,0
South Africa	no data	no data	no data	5,7	5,7	5,5	5,4	4,8	4,8	4,1

SURFACE, BINDER AND BASE COURSE

APPLICATION IN SURFACE-, BINDER- AND BASE COURSES OF TOTAL ANNUAL HOT AND WARM MIX PRODUCTION IN 2017 (in %)

Country	Surface course	Binder course	Base course
Austria	55	25	20
Belgium	53	47	0
Croatia	65	3	33
Czech Republic	54	25	21
Denmark	51	7	42
Estonia	66	29	5
Finland	89	0	11
Germany	30	19	51
Hungary	70	24	6
Italy	50	30	20
Luxembourg	57	38	5
Netherlands	38	9	53
Norway	80	10	10
Slovakia	67	19	14
Slovenia	55	7	38
Spain	75	19	6
Turkey	35	48	17

SURFACE COURSES

SURFACE COURSES WITH ASPHALT CONCRETE EN 13108-1

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Austria	80,0	no data
Belgium	37,4	26,4
Croatia	94,8	no data
Czech Republic	46,7	25,6
Denmark	34,0	18,2
Estonia	63,4	no data
Finland	69,7	no data
Germany	20,0	no data
Hungary	61,0	22,0
Luxembourg	44,0	no data
Netherlands	19,0	no data
Slovakia	80,0	no data
Slovenia	50,5	12,7
Spain	60,6	no data
Turkey	33,0	no data

SURFACE COURSES WITH STONE MASTIC ASPHALT EN 13108-5

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Austria	18,0	no data
Belgium	13,9	11,5
Croatia	4,2	no data
Czech Republic	6,5	4,1
Denmark	16,0	7,9
Estonia	2,7	no data
Finland	12,0	no data
Germany	9,0	no data
Hungary	6,4	2,1
Luxembourg	12,0	no data
Netherlands	10,0	no data
Slovakia	20,0	no data
Slovenia	4,0	0,7
Spain	1,6	no data
Turkey	2,0	no data

SURFACE COURSES WITH BBTM EN 13108-2

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Belgium	0,7	0,90
Croatia	1,0	no data
Czech Republic	0,3	0,10
Hungary	2,0	0,20
Spain	10,8	no data

SURFACE COURSES WITH MASTIC ASPHALT EN 13108-6

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Austria	1,00	no data
Belgium	0,900	0,50
Czech Republic	0,60	0,30
Estonia	0,00	no data
Finland	0,41	no data
France	0,39	no data
Hungary	0,60	0,10
Italy	no data	no data
Netherlands	0,00	no data

SURFACE COURSES WITH SOFT ASPHALT EN 13108-3

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Finland	6,9	no data

SURFACE COURSES WITH POROUS ASPHALT EN 13108-7

Country	% of total annual hot and warm mix asphalt production in 2017	In 2017 applied area in million m ²
Austria	1	no data
Belgium	0,400	0,60
Czech Republic	0,10	0,04
Denmark	0,30	0,20
Estonia	0,20	no data
Luxembourg	1,00	no data
Netherlands	9,00	no data
Slovenia	0,50	0,05
Spain	10,50	no data

WARM MIX ASPHALT (WMA)

PRODUCTION OF WARM MIX ASPHALT FROM 2013 TO 2017 (100-150°C)

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. (in million tonnes)

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

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

SURFACE APPLICATIONS

APPLICATION OF SLURRY SEAL (SS) & MICRO-SURFACING (MS) / SURFACE DRESSING (SD) IN 2017 (in million m²)

Country	Slurry Seal & Micro-Surfacing	Trend '16/'17	Surface Dressing
Czech Republic	1,30	> more	1,00
Denmark	0,00	<	4,40
Estonia	no data	no data	14,80
Finland	no data	no data	0,20
France	46,0	=	171,0
Slovakia	0,65	=	0,40
Spain	18,70	<	1,30
Turkey	no data	no data	268,40

HALF WARM MIX

HALF WARM MIX ASPHALT (50-100°C) FROM 2014 TO 2017 (in tonnes)

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

COLD BITUMINOUS MIXTURES

COLD BITUMINOUS MIXTURES (BELOW 50°C) FROM 2011 TO 2017 (in tonnes)

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

ASPHALT IN FIGURES 2017

BITUMEN

CONSUMPTION OF BITUMEN IN THE ROAD INDUSTRY 2014 TO 2017 (in million tonnes)

Country	Total bitumen consumption				% Modified bitumen (of total)				Emulsions			
	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017
Austria	0,37	0,35	0,38	0,40	18,9	29,0	20,0	8,0	0,005	0,005	0,008	0,007
Belgium	0,21	0,19	0,20	0,22	26,5	25,9	25	37,5	no data	no data	no data	no data
Croatia	0,13	0,12	0,11	no data	no data	4,00	15,00	no data	no data	0,00	0,00	no data
Czech Republic	0,33	0,41	0,34	0,37	21,5	21,5	27,7	26,6	0,008	0,020	0,020	0,020
Denmark	0,19	0,19	0,19	0,20	5,0	5,0	5,0	5,0	0,020	0,020	0,020	0,020
Estonia	0,08	0,08	0,08	0,09	3,3	2,9	2,9	2,1	0,016	0,015	no data	0,015
Finland	0,27	0,27	0,27	0,30	0	0	0	0,7	0,001	0,001	0,004	0,003
France	2,47	2,40	2,50	2,62	6,9	7,5	8,2	8,2	0,792	0,767	0,731	0,724
Germany	1,63	1,57	1,62	1,71	26,5	27,0	29,7	29,3	no data	no data	no data	no data
Great Britain	1,28	1,33	1,295	no data	8,0	8,0	8,0	no data	0,100	0,100	0,100	no data
Hungary	0,19	0,19	0,14	0,13	25,0	28,0	22,0	26,0	0,0	0,015	0,007	0,010
Iceland	no data	no data	no data	no data	0,010	0,001	no data	no data	0,0	0,005	no data	no data
Ireland	0,13	0,12	0,13	0,14	no data	no data	no data	no data	0,0350	0,0350	0,0370	no data
Italy	no data	1,16	no data	1,12	no data	18,0	no data	16,50	no data	0,040	no data	0,04
Lithuania	no data	0,08	0,09	n	no data	18,0	19,0	no data	no data	0,0	0,079	no data
Luxembourg	0,05	0,05	no data	0,05	15,0	25,0	no data	15,00	no data	no data	no data	no data
Netherlands	0,30	0,30	0,29	0,27	no data	3,0	3,3	no data	no data	no data	0,0	no data
Norway	0,35	0,36	0,38	0,41	no data	no data	no data	no data	no data	no data	no data	no data
Romania	0,20	no data	no data	no data	75,0	no data	no data	no data	0,0	no data	no data	no data
Serbia	0,26	0,33	no data	no data	4,4	7,4	no data	no data	no data	no data	no data	no data
Slovakia	0,08	0,14	0,10	0,10	29,1	42,0	24,5	25,0	0,0	0,007	0,006	0,006
Slovenia	0,07	0,08	0,08	0,09	10,0	14,7	16,7	20,0	no data	no data	no data	no data
Spain	0,56	0,75	0,60	0,69	15,0	14,8	12,2	16,0	0,1	0,1	0,080	0,070
Sweden	0,45	0,42	no data	no data	7,0	7,0	no data	no data	0,04	0,04	no data	no data
Switzerland	0,28	no data	no data	no data	12,0	no data	no data	no data	0,0	no data	no data	no data
Turkey	2,39	2,73	2,93	3,62	3,2	3,9	4,9	2,8	0,0	0,064	0,059	0,374
Ontario-Canada	0,70	no data	0,65	no data	15,0	no data	no data	no data	0,0	no data	no data	no data
South Africa	no data	no data	0,39	0,37	no data	no data	no data	no data	no data	no data	no data	no data

RECYCLING

REUSE AND RECYCLING OF RECLAIMED ASPHALT IN 2017

Country	All available Reclaimed Asphalt in 2017 in tonnes	% of available reclaimed asphalt used in						Applied area in m ² 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	Cold Recycling**	Unbound Road Layers	Other Civil Engineering Applications	Put to Landfill /Other Applications/ Unknown		
Austria	1.650.000	60	no data	no data	no data	no data	no data	no data	no data
Belgium	1.030	95	no data	no data	no data	no data	no data	no data	no data
Czech Republic	2.600.000	14	0	30	20	10	26	381.280	418.000
Denmark	1.165.000	66	0	0	8	0	26	no data	no data
Finland	1.200.000	100	0	0	0	0	0	12.000.000	no data
France	6.400.000	70	no data	no data	no data	no data	no data	1.097.614	197.478
Germany	13.000.000	84	0	0	16	0	0	no data	no data
Great Britain	3.400.000		90		0	0	0	no data	no data
Hungary	120.000	95	0	0	0	4	1	no data	no data
Italy	9.000.000	23	no data	no data	no data	no data	no data	no data	no data
Netherlands	4.500.000	71	0	11	0	0	18	no data	no data
Norway	1.101.000	30	0	1	69	0	0	no data	no data
Slovakia	50.000	96	0	2	1	1	0	130.000	16.000
Slovenia	84.000	24	0	6	10	0	60	no data	no data
Spain	494.000	83	0	0	14	0	3	no data	no data
Turkey	2.570.589	9	0	6	85	0	0	no data	no data
USA	72.500.000	96	0	0	4	0	0	no data	no data

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

ASPHALT IN FIGURES 2017

COMPANIES

COMPANIES IN THE ASPHALT
INDUSTRY FROM 2016 & 2017

Country	Production only		Production & Laying		Laying Only	
	2016	2017	2016	2017	2016	2017
Austria	no data	0	66	68	no data	0
Belgium	5	3	18	18	no data	no data
Croatia	1	no data	52	no data	10	no data
Czech Republic	22	26	29	23	>50	>40
Denmark	1	1	6	6	10	~10
Estonia	1	2	8	8	10	18
Finland	no data	0	10	10	15	15
France	0	0	30	30	1.353	1.353
Germany	260	260	150	150	3.000	3.000
Great Britain	24	23	19	18	>200	>200
Greece	no data	no data	200*	no data	3*	no data
Hungary	2	2	34	33	29	32
Iceland	no data	no data	4	no data	10	no data
Ireland	2	3	18	17	24	27
Italy	30*	400	400*	390	>2.500*	>2.500
Latvia	no data	no data	no data	no data	no data	no data
Lithuania	0	no data	21	no data	no data	no data
Luxembourg	0	no data	4	no data	0	no data
Netherlands	0	0	17	17	15	15
Norway	3	3	13	13	40	40
Poland	4*	no data	260*	no data	155*	no data
Portugal	10*	no data	16*	no data	60*	no data
Romania	12*	no data	16*	no data	8*	no data
Serbia	33	no data	33	no data	33	no data
Slovakia	no data	50	2	50	no data	3
Slovenia	4	2	13	13	50	50
Spain	6	6	125	125	150	150
Sweden	0	no data	11	no data	80	no data
Switzerland	40*	no data	40*	no data	>400*	no data
Turkey	11	no data	312	no data	>100	no data

ASPHALT IN FIGURES 2017

PRODUCTION SITES

NUMBER OF PRODUCTION SITES FROM 2012 TO 2017

Country	Stationary Plants						Mobile plants						All plants that are fit for hot and warm recycling****					
	2012	2013	2014	2015	2016	2017	2012	2013	2014	2015	2016	2017	2012	2013	2014	2015	2016	2017
Austria	112	113	114	113	114	115	1	1	1*	1*	1*	no data	80*	75	90	90*	90*	no data
Belgium	38	38	58	38	43	38	0	0	0	0	0	0	28	28	28	34	40	32
Croatia	52	55	55	52	53	53*	3	3	2	2	2	2*	5	6	10	13	14	14*
Czech Republic	105	101	101	103	105	104	2	2	2	2	2	2	70	70	70	72	75	75
Denmark	40	38	38	38	39	39	3	no data	no data	no data	0	0*	38	36	36	36	37	37
Estonia	10	9	9	10	10	5	13	11	10	10	11	16	11	13	13	14	14	12
Finland	52	59	50	35	47	no data	20	22	23	27	21	no data	55	62	62	42	54	no data
France **	438	434	430	423	423	423	67	62	57	46	46	46	>300	>300	>300	>300	>300	>350
Germany	635	630	615	612	597	589	no data	no data	no data	no data	no data	no data	610	605	600	610	590	580
Great Britain ***	250	240	245	245	250	250	no data	no data	no data	no data	no data	no data	no data	no data	130	150	165	no data
Greece ***	155	195	195*	195*	190*	190*	5	3	3*	3*	3*	3*	1	1	1*	1*	1*	no data
Hungary	84	85	87	86	86	83	5	5	6	6	5	2	40	42	48	50	52	50
Iceland ***	4	4	4	4	4*	4*	4	4	4	4	4*	4*	2	2	2	2	2*	2*
Ireland	37	37	37	38	38	39	no data	0	no data	0	1	1	3	2	no data	2	2	4
Italy	640	640	640*	640	640*	400	10	10	10*	10	10*	10	300	300	300*	350	350*	350*
Latvia	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
Lithuania	38	38*	38*	38	38	38*	3	3*	3*	1	1	1*	24	24*	24*	9	9	9*
Luxembourg	4	4	4	5	5*	4	0	0	0	0	0	0	2	4	4	3	3*	3
Netherlands	41	41	38	38	37	36	1	0	2	2	0	0	40	40	38	38	37	36
Norway	85	85	85	84	84	84	10	10	10	8	8	8	25	40	3	25	25	25
Poland	300	300	300*	300*	300*	300*	35	35	35*	35*	35*	35*	4	4	4*	4*	4*	4*
Portugal	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	15*	15*	15*	15*	15*	15*
Romania	8	49	50	50*	50*	50*	2	9	10	10*	10*	10*	8	8	10	10*	10*	10*
Serbia	no data	no data	31	31	31*	31*	no data	no data	2	2	2*	2*	no data	no data	15	15	15*	15*
Slovakia	54	51	46	49	47	44	0	0	0	1	1	4	22	no data	32	35	33	21
Slovenia	13	18	16	16	16	17	1	1	no data	no data	1	1	8	8	no data	1	1	1
Spain	295	243	243	220	220	220	80	75	75	70	70	70	87	37	16	25	25	25
Sweden	87	87	87	87	87*	87*	10	8	8	10	10*	10*	80	90	90	90	90*	90*
Switzerland	142	147	142	142*	142*	142*	2	2	5	5*	5*	5*	78	83	80	80*	80*	80*
Turkey ***	225	176	104	117	112	119	437	462	449	449	535	535	10	10	12	12	15	15*
EU-28	>3.513	>3.530	>3.521	>3.456	> 3.460	3.149	>286	>275	>271	>261	> 255	238	> 1.751	> 1.770	> 1.921	>1.964	> 2.011	1.718
Europe	>3.969	>3.942	>3.887	>3.828	> 3.833	3.529	>739	>753	>741	>729	> 809	732	> 1.946	> 1.905	> 2.033	>2.098	> 2.148	1.855
Ontario - Canada	140	No data	114	132	145	145*	22	No data	5	3	5	5*	135	No data	100	125	100	100*
South Africa	28	33	29	29	29	30	23	25	24	25	26	26	32	31	34	35	36	37

** 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.eurobitume.eu	European Bitumen Association
www.oecd.org/cem	World Economic Organisation
www.piarc.org/en	World Road Congress
www.lra.lt	Lithuanian Road Administration
www.h-a-d.hr	Croatian Asphalt Association
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.highway.rs	Highway Institute Serbia

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 Eesti Asfaldiliit Eesti Asfaldiliit	 HAPA - Hungarian Asphalt Pavement Association HAPA - Hungarian Asphalt Pavement Association	 IAPA - Irish Asphalt Pavement Association IAPA - Irish Asphalt Pavement Association	 INFRA Infra Contractors' Association	 mpa MPA - Mineral Products Association	 NCC AB NCC AB
 PEAB Peab Asphalt AB	 SDRUŽENÍ PRO VÝSTAVBU SILNIC Sdružení pro výstavbu silnic Praha	 ROUTES DE FRANCE USIRF - Routes de France	 ZAS ZAS - Združenje asfalterjev Slovenije		

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