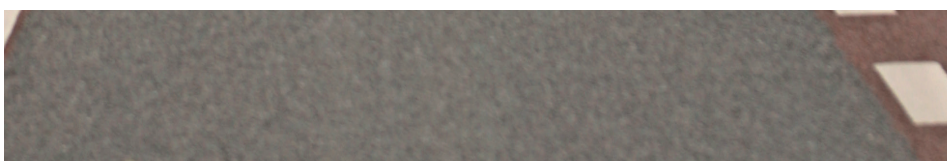




ASPHALT IN FIGURES 2016

VERSION 22-01-2018





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 2016.

*John Kruse Larsen
President EAPA*

**EUROPEAN ASPHALT
PAVEMENT ASSOCIATION**



KEY FIGURES OF THE EUROPEAN ASPHALT INDUSTRY IN 2016

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).

TOTAL PRODUCTION TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT FROM 2008 TO 2016 (in million tonnes)

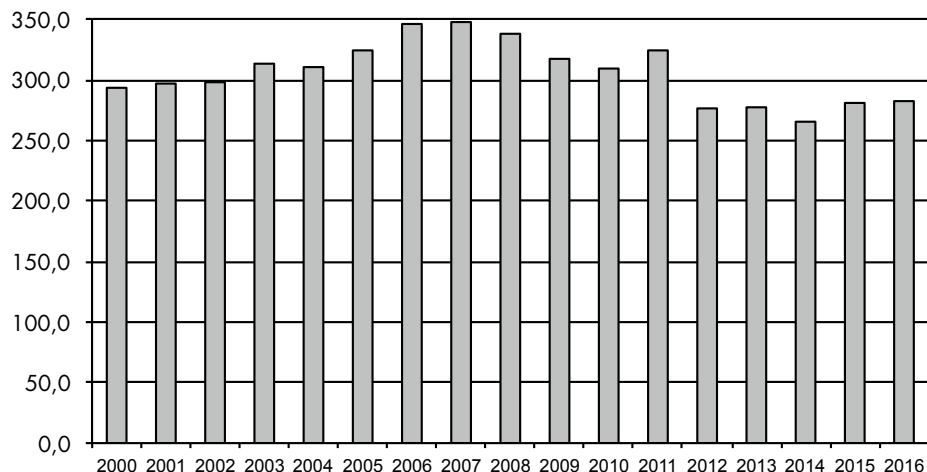
Country	2008	2009	2010	2011	2012	2013	2014	2015	2016
Austria	9,5	9,0	8,2	8,0	7,2	7,0	7,2	7,2	7,4
Belgium	4,9	4,7	4,8	5,9	5,6	5,3	5,2	5,0	5,1
Bulgaria	no data	no data	no data	no data	no data	no data	no data	2,0*	2,0*
Croatia	4,2	3,2	2,7	2,6	2,5	2,8	2,3	2,2	2,2
Cyprus	no data	no data	no data	no data	no data	no data	no data	0,15*	0,15*
Czech Republic	7,3	7,0	6,2	5,8	5,6	5,4	6,4	8,0	6,7
Denmark	3,1	2,7	3,2	4,0	3,6	3,7	3,7	3,7	3,8
Estonia	1,5	1,2	1,1	1,3	1,1	1,2	1,3	1,5	1,5
Finland	6,0	5,2	4,9	5,0	4,5	4,5	4,7	5,4	5,9
France	41,8	40,1	38,8	39,2	35,3	35,4	31,9	31,5	33,6
Germany	51,0	55,0	45,0	50	41	41,0	39,0	39,0	41,0
Great Britain	25,0	20,5	21,5	22,4	18,5	19,2	20,6	21,9	22,0
Greece	8,1	8,7	5,2	2,3	1,6	2,7	2,7*	2,5*	2,3*
Hungary	2,5	1,6	3,4	2,3	2,5	2,7	3,8	3,9	2,8
Iceland	0,4	0,3	0,2	0,2	0,2	0,2	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
Italy	36,5	34,9	29,0	28	23,2	22,3	22,3	23,1	23,1
Latvia	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
Luxembourg	0,6*	0,6	0,7	0,65	0,61	0,7	0,7*	0,7	0,7*
Malta	no data	no data	no data	no data	no data	no data	no data	0,03*	0,03*
Netherlands	9,3	9,8	9,5	9,6	9,2	9,7	9,0	8,0	8,2
Norway	5,7	6,5	5,9	6,7	6,3	6,4	7,0	6,9	7,2
Poland	15,0	18,0	18,0	26,5	21,1	18,2	16,5	18,5	19,0*
Portugal	9,0*	9,0*	6,7	6,4	6,4*	6,4*	6,4*	6,4*	6,2*
Romania	3,3	3,6	3,2	3,6	3,2	4,1	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*
Slovakia	2,2*	2,2	1,9	2,2	1,9	1,6	1,5	2,7	1,9
Slovenia	2,6	2,3	1,8	1,3	1,1	1,2	1,4	1,6	1,6
Spain	42,3	39,0	34,4	29,3	19,5	13,2	14,5	16,4	13,1
Sweden	8,7	8,1	7,9	8,1	7,7	7,6	8,5	8,2	8,2*
Switzerland	5,3	5,4	5,3	5,4	4,8	4,8	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
EU-28	300,0	291,6	262,6	268,5	226,7	219,7	217,7	228,1	226,8
Europe	338,0	326,9	309,3	324,3	276,4	277,3	263,7	280,9	282,5

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

Australia	9,5	9,5*	7,5	no data	8,8	no data	9,1	no data	no data
Japan	49,6	49,6	44,7	45,6	47,3	49,9	45,0	41,9	no data
Ontario - Canada	13,2*	13,2*	14	13,5	13,0	no data	13,8	14,2	13,3
USA	440	324	326	332	327	318	319	331	340
South Africa	no data	no data	no data	5,7	5,7	5,5	5,4	4,8	4,8
South Korea	no data	35,6	20,7	no data	23,2	26,2	no data	no data	no data

GRAPH TOTAL PRODUCTION

TOTAL PRODUCTION OF HOT AND WARM MIX ASPHALT IN EUROPE FROM 2000 TO 2016 (in million tonnes)



SURFACE, BINDER AND BASE COURSE

APPLICATION IN SURFACE-, BINDER- AND BASE COURSES OF TOTAL ANNUAL HOT AND WARM MIX PRODUCTION IN 2016 (in %)

Country	Surface course	Binder course	Base course
Belgium	54,6	0,0	45,4
Croatia	63,0	1,5	35,5
Czech Republic	55,9	24,2	19,9
Denmark	50,0	5,0	45,0
Estonia	63,3	27,9	8,8
Finland	91,0	0,0	9,0
Hungary	69,0	23,0	8,0
Lithuania	47,0	24,0	29,0
Netherlands	37,0	9,0	54,0
Norway	80,0	10,0	10,0
Slovakia	72,0	16,0	12,0
Slovenia	55,0	7,0	38,0
Spain	72,8	19,3	7,8
Turkey	30,0	40,5	28,9
Ontario - Canada	60,0	10,0	30,0

WARM MIX ASPHALT (WMA)

PRODUCTION OF WARM MIX ASPHALT FROM 2013 TO 2016 (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
Austria	0,000	0,000	0,000	0,000
Belgium	no data	no data	<0,05	no data
Croatia	0,000	0,040	0,060	0,060
Czech Republic	0,030	0,001	0,020	0,007
Denmark	0,120	0,200	0,200	0,250
Estonia	no data	no data	0,008	no data
Finland	0,000	0,120	0,240	0,310
France	3,550	4,023	4,552	4,324
Great Britain	<1,000	<1,000	no data	<0,3
Hungary	0,020	0,038	0,070	0,208
Luxemburg	0,000	0,007	0,007	0,007*
Netherlands	0,060	0,133	0,100	0,100*
Norway	0,380	0,540	0,592	0,502
Slovakia	no data	no data	0,014	0,035
Slovenia	0,000	0,000	0,000	0,000
Spain	0,086	0,140	0,140	0,060
Sweden	0,500	0,700	0,700	0,700*
Switzerland	0,870	0,388	no data	no data
Turkey	no data	no data	0,080	0,151
USA	69,000	103,000	109,000	106,000
Japan	0,152	0,231	0,274	0,274*
Ontario-Canada	No Data	0,750	0,900	0,750
South Africa	0,150	0,150	0,200	0,200

SURFACE COURSES

SURFACE COURSES WITH ASPHALT CONCRETE EN 13108-1

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied area in million m ²
Austria	33,2	no data
Belgium	37,8	25,3
Croatia	58,8	13,9
Czech Republic	48,6	22,8
Denmark	36,0	18,6
Estonia	60,7	no data
Finland	73,3	no data
Germany	20,0	no data
Hungary	60,7	24,4
Lithuania	40,00	no data
Netherlands	18,0	no data
Slovakia	67,5	12,0
Slovenia	48,7	7,3
Spain	62,4	no data
Turkey	26,6	no data

SURFACE COURSES WITH BBTM EN 13108-2

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied area in million m ²
Belgium	1,6	1,00
Croatia	0,9	0,44
Czech Republic	0,4	0,30
Hungary	2,0	0,12
Spain	8,8	no data

SURFACE COURSES WITH SOFT ASPHALT EN 13108-3

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied area in million m ²
Finland	5,5	no data
Lithuania	2,0	no data

SURFACE COURSES WITH HOT ROLLED ASPHALT EN 13108-4

no data available

SURFACE COURSES WITH STONE MASTIC ASPHALT EN 13108-5

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied area in million m ²
Austria	6,0	no data
Belgium	14,2	9,3
Croatia	3,2	1,2
Czech Republic	6,2	4,1
Denmark	13,0	6,1
Estonia	2,3	no data
Finland	11,8	no data
Germany	9,0	no data
Hungary	5,5	2,0
Lithuania	5,0	no data
Netherlands	10,0	no data
Slovakia	4,5	1,2
Slovenia	6,0	0,7
Spain	1,2	no data
Turkey	4,0	no data

SURFACE COURSES WITH MASTIC ASPHALT EN 13108-6

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied area in million m ²
Austria	0,40	no data
Belgium	0,50	0,40
Czech Republic	0,70	0,30
Estonia	0,03	no data
Finland	0,40	no data
France	0,50	no data
Germany	1,00	no data
Hungary	0,70	0,10

SURFACE COURSES WITH POROUS ASPHALT EN 13108-7

Country	% of total annual hot and warm mix asphalt production in 2016	In 2016 applied
Austria	0,40	no data
Belgium	0,50	0,50
Croatia	10,10	0,02
Czech Republic	0,05	0,03
Denmark	0,30	0,30
Estonia	0,27	no data
France	0,00	no data
Netherlands	9,00	no data
Slovenia	0,30	0,05
Spain	0,40	no data

COMPANIES

COMPANIES IN THE ASPHALT INDUSTRY IN 2016

Country	Production only	Production & Laying	Laying only
Austria	no data	66	no data
Belgium	5	18	no data
Croatia	1	52	10
Czech Republic	22	29	>50
Denmark	1	6	10
Estonia	1	8	10
Finland	0	10	15
France	0	30	1353
Germany	260	150	3000
Great Britain	24	19	>200
Greece	no data	200*	3*
Hungary	2	34	29
Iceland	no data	4	10
Ireland	2	18	24
Italy	30*	400*	>2.500*
Latvia	no data	no data	no data
Lithuania	0	21	no data
Luxembourg	0	4	0
Netherlands	0	17	15
Norway	3	13	40
Poland	4*	260*	155*
Portugal	10*	16*	60*
Romania	12*	16*	8*
Serbia	33	33	33
Slovakia	no data	2	no data
Slovenia	4	13	50
Spain	6	125	150
Sweden	0	11	80
Switzerland	40*	40*	>400*
Turkey	11	312	>100

EU-28	384	> 1.525	> 7.722
Europe	471	> 1.927	> 8.305

Ontario-Canada	0	45	no data
South Africa	8	9	18

HALF WARM MIX, COLD BITUMINOUS MIXTURES AND SURFACE APPLICATIONS

HALF WARM MIX ASPHALT
(50-100°C)
(in tonnes)

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

COLD BITUMINOUS MIXTURES (BELOW 50°C)
(in tonnes)

Country	2011	2012	2013	2014	2015	2016
Austria	20.000	20.000	30.000	no data	no data	no data
Belgium	33.000	27.000	30.000	no data	20.000	20.000
Croatia	21.000	23.000	32.000	no data	no data	no data
Czech Republic	9.907	4.421	9.570	40.000	5.400	5.000
France	1.600.000	1.460.000	1.550.000	1.418.000	1.808.000	1.858.000
Great Britain	no data	no data	no data	no data	<200.000	no data
Hungary	40.000	15.400	58.800	40.000	60.000	30.000
Iceland	no data	no data	no data	10.000	10.000	no data
Lithuania	no data	no data	no data	no data	no data	50.000
Luxembourg	0	2.000	10.000,00	no data	10.000	no data
Netherlands	no data	20.000	0	no data	no data	26.000
Norway	37.000	6.000	20.000	30.000	no data	no data
Romania	13.000	2.000	2.625	No data	no data	no data
Slovakia	3.000	0	no data	0	1.000	2.400
Slovenia	no data	no data	26.000	no data	no data	no data
Spain	200.000	92.400	86.700	150.000	94.000	190.000
Sweden	60.000	90.000	90.000	100.000	100.000	no data
Switzerland	740.000	710.000	830.000	25.000	no data	no data
Turkey	1.020.000	1.818.000	1.050.000	938.000	783.000	543.446
Japan	95.000	105.000	114.000	124.000	113.000	no data

APPLICATION OF SLURRY SEAL (SS) & MICRO-SURFACING (MS) / SURFACE DRESSING (SD) IN 2016
(in million m²)

Country	Slurry Seal & Micro-Surfacing	Trend '15/'16	Surface Dressing
Croatia	0,10	no data	0,00
Czech Republic	1,20	=	1,20
Denmark	0,00	<	5,40
Estonia	0,00	no data	13,82
Finland	no data	no data	0,70
France	34,00	<	190,00
Lithuania	0,18	<	1,06
Netherland	no data	no data	7,50
Slovakia	0,02	<	no data
Spain	20,12	>	3,27
Turkey	0,00	no data	306,40

REUSE AND RECYCLING

REUSE AND RECYCLING OF RECLAIMED ASPHALT IN 2016

Country	All available Reclaimed Asphalt in 2016 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	1.400.000	40	no data	no data	no data	no data	no data	no data	no data
Belgium	1.240.000	81	no data	no data	no data	no data	no data	no data	no data
Croatia	80.000	50	0	50	0	0	0	0	0
Czech Republic	1.800.000	17	0	30	20	10	23	515.400	no data
Denmark	1.150.000	65	0	0	9	0	26	no data	no data
Finland	1.150.000	100	0	0	0	0	0	12.514.000	no data
France	6.370.000	70	no data	no data	no data	no data	no data	654.500	117.755
Germany	12.000.000	87	0	0	13	0	0	no data	no data
Great Britain	3.250.000	80	no data	no data	no data	5	no data	no data	no data
Hungary	109.000	90	0	0	0	0	10	no data	no data
Italy	9.000.000*	20*	0	30*	20*	0	30*	no data	no data
Lithuania	no data***	no data	no data	no data	no data	no data	no data	no data	no data
Netherlands	4.431.000	71	0	11	0	0	18	no data	no data
Norway	1.112.000	37	0	0	63	0	0	no data	no data
Slovakia	54.000	98	0	0	1	0	1	96.000	12.000
Slovenia	56.000	43	0	0	37	0	20	no data	no data
Spain	490.000	67	1	0	8	25	0	no data	no data
Sweden	1.600.000*	84*	6*	5*	5*	0	0	no data	no data
Turkey	3.551.167	2	0	2	96	0	0	no data	no data
USA	74.200.000	94	0	0	4	1	1	no data	no data

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

*** no data, but all recycled

ASPHALT IN FIGURES 2016

Country	Total bitumen consumption			% Modified bitumen (of total)			Emulsions		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
Austria	0,37	0,35	0,38	18,9	29,0	0,2	0,005	0,005	0,080
Belgium	0,21	0,19	0,20	26,5	25,9	25	no data	no data	no data
Croatia	0,13	0,12	0,11	no data	4,00	15,00	no data	0,00	0,00
Czech Republic	0,33	0,41	0,34	21,5	21,5	27,7	0,008	0,020	0,020
Denmark	0,19	0,19	0,19	5,0	5,0	5,0	0,020	0,020	0,020
Estonia	0,08	0,08	0,08	3,3	2,9	2,9	0,016	0,015	no data
Finland	0,27	0,27	0,27	0	0	0	0,001	0,001	0,004
France	2,47	2,40	2,50	6,9	7,5	8,2	0,792	0,767	0,731
Germany	1,60	1,60	1,70	no data	no data	no data	no data	no data	no data
Great Britain	1,28	1,33	1,295	8,0	8,0	8,0	0,100	0,100	0,100
Hungary	0,19	0,19	0,14	25,0	28,0	22,0	0,0	0,015	0,007
Iceland	no data	no data	no data	0,010	0,001	no data	0,0	0,005	no data
Ireland	0,13	0,12	0,13	no data	no data	no data	0,0350	0,0350	0,0370
Italy	1,14	1,16	1,16	17,0	18,0	17,0	0,040	0,040	0,040
Lithuania	no data	0,08	0,09	no data	18,0	19,0	no data	0,0	0,079
Luxembourg	0,05	0,05	no data	15,0	25,0	no data	no data	no data	no data
Netherlands	0,30	0,30	0,29	no data	3,0	3,3	no data	no data	0,0
Norway	0,35	0,36	0,38	no data	no data	no data	no data	no data	no data
Romania	0,20	no data	no data	75,0	no data	no data	0,0	no data	no data
Serbia	0,26	0,33	no data	4,4	7,4	no data	no data	no data	no data
Slovakia	0,08	0,14	0,10	29,1	42,0	24,5	0,0	0,007	0,006
Slovenia	0,07	0,08	0,08	10,0	14,7	16,7	no data	no data	no data
Spain	0,56	0,75	0,60	15,0	14,8	12,2	0,1	0,1	0,080
Sweden	0,45	0,42	no data	7,0	7,0	no data	0,04	0,04	no data
Switzerland	0,28	no data	no data	12,0	no data	no data	0,0	no data	no data
Turkey	2,39	2,73	2,93	3,2	3,9	4,9	0,0	0,064	0,059

Japan	1,65	1,50	no data	22,8	20,9	no data	0,1	0,1	no data
Ontario-Canada	0,70	no data	0,65	15,0	no data	no data	0,0	no data	no data
South Africa	no data	no data	0,39	no data	no data	no data	no data	no data	no data

BITUMEN

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

PRODUCTION SITES

NUMBER OF
PRODUCTION SITES

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

* 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

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.vbwasfalt.nl	Dutch Asphalt Pavement Association
www.asfaldiliit.ee	Estonian Asphalt Pavement Association
www.infra.fi	Infra Contractors' Association
www.usirf.com	L'Union des Syndicats de l'industrie Routière Française
www.asphalt.de	German Asphalt Association
www.gestrata.at	Gestrata
www.hapa.hu	Hungarian Asphalt Pavement Association
www.siteb.it	Italian Asphalt Association
www.ebanett.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.asnud.org.tr	Turkish Asphalt Contractors Association
www.mineralsproducts.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.civilcontractors.co.nz	Civil Contractors New Zealand Inc.
www.highway.rs	Highway Institute Serbia

ASPHALT IN FIGURES 2016

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 Asefma	 Asfaltindustrien	 ASMUD - Turkish Asphalt Contractors Association	 DAV - Deutscher Asphalt Verband e.V.	 EBA	 Eesti Asfaldiiit
 HAPA - Hungarian Asphalt Pavement Association	 IAPA - Irish Asphalt Pavement Association	 Infra Contractors' Association	 MPA - Mineral Products Association	 NCC AB	 Peab Asphalt AB
 Sdružení pro výstavbu silnic Praha	 Routes de France	 ZAS - Združenje asfalterjev Slovenije			

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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

