

A nighttime photograph of a cityscape featuring a river in the foreground. A bright blue, glowing line curves across the water's surface. In the background, there are several buildings, including a prominent tower with a red and white spire. The scene is illuminated by city lights, creating a vibrant and modern atmosphere.

argus consulting services

Argus Asphalt Annual 2017

illuminating the markets

Market reporting
Consulting
Events

This copy is licensed to: Argus Media

Contents

Table of Contents

Executive Summary	29
Section 1: Introduction	33
Section 2: World	37
2.1.1. Main consumers	37
2.1.2. Main producers— 2015 and 2016	39
2.1.3. Main importers – 2015 and 2016	40
2.1.4. Main exporters – 2015 and 2016	41
Section 3: North America — 2012-2021	47
Chapter 3.1: Regional overview — 2012-2021	47
Chapter 3.2: Canada — 2012-2021	51
3.2.1. Canada asphalt production	51
3.2.2. Canada asphalt consumption	52
3.2.3. Canada asphalt imports	53
3.2.4. Canada asphalt exports	54
Chapter 3.3: Mexico — 2012-2021	57
3.3.1. Mexico asphalt production	57
3.3.2. Mexico asphalt consumption	58
3.3.3. Mexico asphalt imports	59
3.3.4. Mexico asphalt exports	60
Chapter 3.4: United States — 2012-2021	62
3.4.1. US asphalt production	62
3.4.2. US asphalt consumption	63
3.4.3. US asphalt imports	66
3.4.4. US asphalt exports	67
3.4.5. US regional supply/demand balances, 2015 vs 2016	71
Section 4: Central and South America — 2012-2021	75
Chapter 4.1: Regional overview — 2012-2021	75
Chapter 4.2: Argentina — 2012-2021	78
4.2.1. Argentina asphalt production	78
4.2.2. Argentina asphalt consumption	79
4.2.3. Argentina asphalt imports	80
4.2.4. Argentina asphalt exports	80
Chapter 4.3: Bolivia — 2012-2021	83
4.3.1. Bolivia asphalt production	83

4.3.2. Bolivia asphalt consumption	83
4.3.3. Bolivia asphalt imports	84
4.3.4. Bolivia asphalt exports	84
Chapter 4.4: Brazil — 2012-2021	87
4.4.1. Brazil asphalt production	87
4.4.2. Brazil asphalt consumption	88
4.4.3. Brazil asphalt imports	90
4.4.4. Brazil asphalt exports	90
Chapter 4.5: Chile — 2012-2021	94
4.5.1. Chile asphalt production	94
4.5.2. Chile asphalt consumption	95
4.5.3. Chile asphalt imports	96
4.5.4. Chile asphalt exports	97
Chapter 4.6: Colombia — 2012-2021	100
4.6.1. Colombia asphalt production	100
4.6.2. Colombia asphalt consumption	101
4.6.3. Colombia asphalt imports	102
4.6.4. Colombia asphalt exports	103
Chapter 4.7: Costa Rica — 2012-2021	106
4.7.1. Costa Rica asphalt production	106
4.7.2. Costa Rica asphalt consumption	106
4.7.3. Costa Rica asphalt imports	107
4.7.4. Costa Rica asphalt exports	108
Chapter 4.8: Curaçao — 2012-2021	110
4.8.1. Curaçao asphalt production	110
4.8.2. Curaçao asphalt consumption	110
4.8.3. Curaçao asphalt imports	111
4.8.4. Curaçao asphalt exports	111
Chapter 4.9: Ecuador — 2012-2021	114
4.9.1. Ecuador asphalt production	114
4.9.2. Ecuador asphalt consumption	114
4.9.3. Ecuador asphalt imports	115
4.9.4. Ecuador asphalt exports	116
Chapter 4.10: El Salvador — 2012-2021	119
4.10.1. El Salvador asphalt production	119
4.10.2. El Salvador asphalt consumption	119
4.10.3. El Salvador asphalt imports	120
4.10.4. El Salvador asphalt exports	121

Chapter 4.11: Guatemala — 2012-2021	124
4.11.1. Guatemala asphalt production	124
4.11.2. Guatemala asphalt consumption	124
4.11.3. Guatemala asphalt imports	125
4.11.4. Guatemala asphalt exports	126
Chapter 4.12: Honduras — 2012-2021	129
4.12.1. Honduras asphalt production	129
4.12.2. Honduras asphalt consumption	129
4.12.3. Honduras asphalt imports	130
4.12.4. Honduras asphalt exports	131
Chapter 4.13: Nicaragua — 2012-2021	133
4.13.1. Nicaragua asphalt production	133
4.13.2. Nicaragua asphalt consumption	133
4.13.3. Nicaragua asphalt imports	134
4.13.4. Nicaragua asphalt exports	135
Chapter 4.14: Panama — 2012-2021	138
4.14.1. Panama asphalt production	138
4.14.2. Panama asphalt consumption	138
4.14.3. Panama asphalt imports	139
4.14.4. Panama asphalt exports	139
Chapter 4.15: Paraguay — 2012-2021	142
4.15.1. Paraguay asphalt production	142
4.15.2. Paraguay asphalt consumption	142
4.15.3. Paraguay asphalt imports	143
4.15.4. Paraguay asphalt exports	143
Chapter 4.16: Peru — 2012-2021	146
4.16.1. Peru asphalt production	146
4.16.2. Peru asphalt consumption	146
4.16.3. Peru asphalt imports	147
4.16.4. Peru asphalt exports	147
Chapter 4.17: Uruguay — 2012-2021	150
4.17.1. Uruguay asphalt production	150
4.17.2. Uruguay asphalt consumption	150
4.17.3. Uruguay asphalt imports	151
4.17.4. Uruguay asphalt exports	151
Chapter 4.18: Venezuela — 2012-2021	154
4.18.1. Venezuela asphalt production	154
4.18.2. Venezuela asphalt consumption	154

4.18.3. Venezuela asphalt imports	155
4.18.4. Venezuela asphalt exports	155
Section 5: Western Europe — 2012-2021	159
Chapter 5.1: Regional overview — 2012-2021	159
Chapter 5.2: Austria — 2012-2021	163
5.2.1. Austria bitumen production	163
5.2.2. Austria bitumen consumption	164
5.2.3. Austria bitumen imports	164
5.2.4. Austria bitumen exports	165
Chapter 5.3: Belgium — 2012-2021	169
5.3.1. Belgium bitumen production	169
5.3.2. Belgium bitumen consumption	170
5.3.3. Belgium bitumen imports	171
5.3.4. Belgium bitumen exports	172
Chapter 5.4: Denmark — 2012-2021	176
5.4.1. Denmark bitumen production	176
5.4.2. Denmark bitumen consumption	176
5.4.3. Denmark bitumen imports	176
5.4.4. Denmark bitumen exports	177
Chapter 5.5: Finland — 2012-2021	180
5.5.1. Finland bitumen production	180
5.5.2. Finland bitumen consumption	181
5.5.3. Finland bitumen imports	181
5.5.4. Finland bitumen exports	182
Chapter 5.6: France — 2012-2021	185
5.6.1. France bitumen production	185
5.6.2. France bitumen consumption	186
5.6.3. France bitumen imports	187
5.6.4. France bitumen exports	188
Chapter 5.7: Germany — 2012-2021	192
5.7.1. Germany bitumen production	192
5.7.2. Germany bitumen consumption	193
5.7.3. Germany bitumen imports	194
5.7.4. Germany bitumen exports	195
Chapter 5.8: Greece — 2012-2021	199
5.8.1. Greece bitumen production	199
5.8.2. Greece bitumen consumption	200
5.8.3. Greece bitumen imports	200

5.8.4. Greece bitumen exports	201
Chapter 5.9: Ireland — 2012-2021	205
5.9.1. Ireland bitumen production	205
5.9.2. Ireland bitumen consumption	205
5.9.3. Ireland bitumen imports	206
5.9.4. Ireland bitumen exports	206
Chapter 5.10: Italy — 2012-2021	209
5.10.1. Italy bitumen production	209
5.10.2. Italy bitumen consumption	210
5.10.3. Italy bitumen imports	211
5.10.4. Italy bitumen exports	212
Chapter 5.11: Luxembourg — 2012-2021	216
5.11.1. Luxembourg bitumen production	216
5.11.2. Luxembourg bitumen consumption	216
5.11.3. Luxembourg bitumen imports	216
5.11.4. Luxembourg bitumen exports	217
Chapter 5.12: The Netherlands — 2012-2021	220
5.12.1. The Netherlands bitumen production	220
5.12.2. The Netherlands bitumen consumption	221
5.12.3. The Netherlands bitumen imports	221
5.12.4. The Netherlands bitumen exports	222
Chapter 5.13: Norway — 2012-2021	226
5.13.1. Norway bitumen production	226
5.13.2. Norway bitumen consumption	226
5.13.3. Norway bitumen imports	227
5.13.4. Norway bitumen exports	228
Chapter 5.14: Portugal — 2012-2021	231
5.14.1. Portugal bitumen production	231
5.14.2. Portugal bitumen consumption	232
5.14.3. Portugal bitumen imports	232
5.14.4. Portugal bitumen exports	233
Chapter 5.15: Spain — 2012-2021	237
5.15.1. Spain bitumen production	237
5.15.2. Spain bitumen consumption	238
5.15.3. Spain bitumen imports	240
5.15.4. Spain bitumen exports	240
Chapter 5.16: Sweden — 2012-2021	244
5.16.1. Sweden bitumen production	244

5.16.2. Sweden bitumen consumption	245
5.16.3. Sweden bitumen imports	246
5.16.4. Sweden bitumen exports	247
Chapter 5.17: United Kingdom — 2012-2021	251
5.17.1. UK bitumen production	251
5.17.2. UK bitumen consumption	252
5.17.3. UK bitumen imports	253
5.17.4. UK bitumen exports	254
Section 6: Eastern Europe — 2012-2021	259
Chapter 6.1: Regional overview — 2012-2021	259
Chapter 6.2: Bulgaria — 2012-2021	263
6.2.1. Bulgaria bitumen production	263
6.2.2. Bulgaria bitumen consumption	264
6.2.3. Bulgaria bitumen imports	265
6.2.4. Bulgaria bitumen exports	265
Chapter 6.3: Croatia — 2012-2021	269
6.3.1. Croatia bitumen production	269
6.3.2. Croatia bitumen consumption	269
6.3.3. Croatia bitumen imports	270
6.3.4. Croatia bitumen exports	271
Chapter 6.4: Cyprus — 2012-2021	274
6.4.1. Cyprus bitumen production	274
6.4.2. Cyprus bitumen consumption	274
6.4.3. Cyprus bitumen imports	275
6.4.4. Cyprus bitumen exports	275
Chapter 6.5: Czech Republic — 2012-2021	278
6.5.1. Czech Republic bitumen production	278
6.5.2. Czech Republic bitumen consumption	278
6.5.3. Czech Republic bitumen imports	279
6.5.4. Czech Republic bitumen exports	280
Chapter 6.6: Estonia — 2012-2021	284
6.6.1. Estonia bitumen production	284
6.6.2. Estonia bitumen consumption	284
6.6.3. Estonia bitumen imports	285
6.6.4. Estonia bitumen exports	286
Chapter 6.7: Hungary — 2012-2021	289
6.7.1. Hungary bitumen production	289
6.7.2. Hungary bitumen consumption	289

6.7.3. Hungary bitumen imports	290
6.7.4. Hungary bitumen exports	291
Chapter 6.8: Poland — 2012-2021	295
6.8.1. Poland bitumen production	295
6.8.2. Poland bitumen consumption	296
6.8.3. Poland bitumen imports	296
6.8.4. Poland bitumen exports	297
Chapter 6.9: Romania — 2012-2021	301
6.9.1. Romania bitumen production	301
6.9.2. Romania bitumen consumption	301
6.9.3. Romania bitumen imports	302
6.9.4. Romania bitumen exports	303
Chapter 6.10: Russia — 2012-2021	306
6.10.1. Russia bitumen production	306
6.10.2. Russia bitumen consumption	307
6.10.3. Russia bitumen imports	308
6.10.4. Russia bitumen exports	309
Chapter 6.11: Slovak Republic — 2012-2021	313
6.11.1. Slovak Republic bitumen production	313
6.11.2. Slovak Republic bitumen consumption	313
6.11.3. Slovak Republic bitumen imports	314
6.11.4. Slovak Republic bitumen exports	315
Section 7: Middle East and Africa — 2012-2021	319
Chapter 7.1: Regional overview — 2012-2021	319
Chapter 7.2: Algeria — 2012-2021	323
7.2.1. Algeria bitumen production	323
7.2.2. Algeria bitumen consumption	324
7.2.3. Algeria bitumen imports	325
7.2.4. Algeria bitumen exports	326
Chapter 7.3: Bahrain — 2012-2021	329
7.3.1. Bahrain bitumen production	329
7.3.2. Bahrain bitumen consumption	329
7.3.3. Bahrain bitumen imports	330
7.3.4. Bahrain bitumen exports	330
Chapter 7.4: Egypt — 2012-2021	334
7.4.1. Egypt bitumen production	334
7.4.2. Egypt bitumen consumption	334
7.4.3. Egypt bitumen imports	335

7.4.4. Egypt bitumen exports	336
Chapter 7.5: Iran — 2012-2021	339
7.5.1. Iran bitumen production	339
7.5.2. Iran bitumen consumption	340
7.5.3. Iran bitumen imports	341
7.5.4. Iran bitumen exports	342
Chapter 7.6: Iraq — 2012-2021	346
7.6.1. Iraq bitumen production	346
7.6.2. Iraq bitumen consumption	347
7.6.3. Iraq bitumen imports	347
7.6.4. Iraq bitumen exports	348
Chapter 7.7: Israel — 2012-2021	351
7.7.1. Israel bitumen production	351
7.7.2. Israel bitumen consumption	352
7.7.3. Israel bitumen imports	352
7.7.4. Israel bitumen exports	353
Chapter 7.8: Kuwait — 2012-2021	355
7.8.1. Kuwait bitumen production	355
7.8.2. Kuwait bitumen consumption	355
7.8.3. Kuwait bitumen imports	356
7.8.4. Kuwait bitumen exports	356
Chapter 7.9: Libya — 2012-2021	359
7.9.1. Libya bitumen production	359
7.9.2. Libya bitumen consumption	359
7.9.3. Libya bitumen imports	360
7.9.4. Libya bitumen exports	361
Chapter 7.10: Morocco — 2012-2021	364
7.10.1. Morocco bitumen production	364
7.10.2. Morocco bitumen consumption	365
7.10.3. Morocco bitumen imports	366
7.10.4. Morocco bitumen exports	367
Chapter 7.11: Oman — 2012-2021	370
7.11.1. Oman bitumen production	370
7.11.2. Oman bitumen consumption	370
7.11.3. Oman bitumen imports	371
7.11.4. Oman bitumen exports	372
Chapter 7.12: Qatar — 2012-2021	374
7.12.1. Qatar bitumen production	374

7.12.2. Qatar bitumen consumption	374
7.12.3. Qatar bitumen imports	375
7.12.4. Qatar bitumen exports	375
Chapter 7.13: Saudi Arabia — 2012-2021	378
7.13.1. Saudi Arabia bitumen production	378
7.13.2. Saudi Arabia bitumen consumption	378
7.13.3. Saudi Arabia bitumen imports	379
7.13.4. Saudi Arabia bitumen exports	380
Chapter 7.14: Syria — 2012-2021	383
7.14.1. Syria bitumen production	383
7.14.2. Syria bitumen consumption	384
7.14.3. Syria bitumen imports	384
7.14.4. Syria bitumen exports	384
Chapter 7.15: Tunisia — 2012-2021	386
7.15.1. Tunisia bitumen production	386
7.15.2. Tunisia bitumen consumption	386
7.15.3. Tunisia bitumen imports	386
7.15.4. Tunisia bitumen exports	387
Chapter 7.16: Turkey — 2012-2021	389
7.16.1. Turkey bitumen production	389
7.16.2. Turkey bitumen consumption	390
7.16.3. Turkey bitumen imports	391
7.16.4. Turkey bitumen exports	392
Chapter 7.17: UAE — 2012-2021	395
7.17.1. United Arab Emirates bitumen production	395
7.17.2. UAE bitumen consumption	395
7.17.3. UAE bitumen imports	395
7.17.4. UAE bitumen exports	396
Chapter 7.18: Sub-Saharan Africa — 2012-2021	400
7.18.1. Sub-Saharan bitumen production	400
7.18.2. Sub-Saharan bitumen consumption	401
7.18.3. Sub-Saharan bitumen imports	402
7.18.4. Sub-Saharan bitumen exports	402
Chapter 7.19: Nigeria — 2012-2021	405
7.19.1. Nigeria bitumen production	405
7.19.2. Nigeria bitumen consumption	405
7.19.3. Nigeria bitumen imports	406
7.19.4. Nigeria bitumen exports	407

Chapter 7.20: South Africa — 2012-2021	410
7.20.1. South Africa bitumen production	410
7.20.2. South Africa bitumen consumption	410
7.20.3. South Africa bitumen imports	411
7.20.4. South Africa bitumen exports	412
Section 8: Asia — 2012-2021	417
Chapter 8.1: Regional overview — 2012-2021	417
Chapter 8.2: Bangladesh — 2012-2021	421
8.2.1. Bangladesh bitumen production	421
8.2.2. Bangladesh bitumen consumption	422
8.2.3. Bangladesh bitumen imports	423
8.2.4. Bangladesh bitumen exports	424
Chapter 8.3: China — 2012-2021	427
8.3.1. China bitumen production	427
8.3.2. China bitumen consumption	429
8.3.3. China bitumen imports	430
8.3.4. China bitumen exports	431
Chapter 8.4: India — 2012-2021	435
8.4.1. India bitumen production	435
8.4.2. India bitumen consumption	437
8.4.3. India bitumen imports	440
8.4.4. India bitumen exports	441
Chapter 8.5: Indonesia — 2012-2021	445
8.5.1. Indonesia bitumen production	445
8.5.2. Indonesia bitumen consumption	446
8.5.3. Indonesia bitumen imports	447
8.5.4. Indonesia bitumen exports	448
Chapter 8.6: Japan — 2012-2021	451
8.6.1. Japan bitumen production	451
8.6.2. Japan bitumen consumption	452
8.6.3. Japan bitumen imports	452
8.6.4. Japan bitumen exports	453
Chapter 8.7: Laos — 2012-2021	456
8.7.1. Laos bitumen production	456
8.7.2. Laos bitumen consumption	456
8.7.3. Laos bitumen imports	456
8.7.4. Laos bitumen exports	457
Chapter 8.8: Malaysia — 2012-2021	459

8.8.1. Malaysia bitumen production	459
8.8.2. Malaysia bitumen consumption	460
8.8.3. Malaysia bitumen imports	461
8.8.4. Malaysia bitumen exports	462
Chapter 8.9: Myanmar — 2012-2021	466
8.9.1. Myanmar bitumen production	466
8.9.2. Myanmar bitumen consumption	466
8.9.3. Myanmar bitumen imports	467
8.9.4. Myanmar bitumen exports	467
Chapter 8.10: Pakistan — 2012-2021	470
8.10.1. Pakistan bitumen production	470
8.10.2. Pakistan bitumen consumption	471
8.10.3. Pakistan bitumen imports	472
8.10.4. Pakistan bitumen exports	473
Chapter 8.11: The Philippines bitumen — 2012-2021	475
8.11.1. The Philippines bitumen production	475
8.11.2. The Philippines bitumen consumption	475
8.11.3. The Philippines bitumen imports	476
8.11.4. The Philippines bitumen exports	477
Chapter 8.12: Singapore — 2012-2021	479
8.12.1. Singapore bitumen production	479
8.12.2. Singapore bitumen consumption	480
8.12.3. Singapore bitumen imports	481
8.12.4. Singapore bitumen exports	482
Chapter 8.13: South Korea — 2012-2021	485
8.13.1. South Korea bitumen production	485
8.13.2. South Korea bitumen consumption	486
8.13.3. South Korea bitumen imports	487
8.13.4. South Korea bitumen exports	488
Chapter 8.14: Sri Lanka — 2012-2021	492
8.14.1. Sri Lanka bitumen production	492
8.14.2. Sri Lanka bitumen consumption	492
8.14.3. Sri Lanka bitumen imports	493
8.14.4. Sri Lanka bitumen exports	494
Chapter 8.15: Taiwan — 2012-2021	497
8.15.1. Taiwan bitumen production	497
8.15.2. Taiwan bitumen consumption	498
8.15.3. Taiwan bitumen imports	499

8.15.4. Taiwan bitumen exports	500
Chapter 8.16: Thailand — 2012-2021	503
8.16.1. Thailand bitumen production	503
8.16.2. Thailand bitumen consumption	504
8.16.3. Thailand bitumen imports	505
8.16.4. Thailand bitumen exports	505
Chapter 8.17: Vietnam — 2012-2021	509
8.17.1. Vietnam bitumen production	509
8.17.2. Vietnam bitumen consumption	509
8.17.3. Vietnam bitumen imports	510
8.17.4. Vietnam bitumen exports	511
Section 9: Oceania — 2012-2021	515
Chapter 9.1: Regional overview — 2012-2021	515
Chapter 9.2: Australia — 2012-2021	519
9.2.1. Australia bitumen production	519
9.2.2. Australia bitumen consumption	520
9.2.3. Australia bitumen imports	521
9.2.4. Australia bitumen exports	522
Chapter 9.3: New Zealand — 2012-2021	525
9.3.1. New Zealand bitumen production	525
9.3.2. New Zealand bitumen consumption	525
9.3.3. New Zealand bitumen imports	527
9.3.4. New Zealand bitumen exports	527
Appendix A: International Maritime Organization's Marpol VI regulation	531
Appendix B: Argus acronyms	533
Appendix C: Argus Asphalt/Bitumen Consulting Services	536
Appendix D: Argus Asphalt/Bitumen expert	538

Argus Asphalt Annual 2017

About Argus Consulting Services

Argus Consulting Services has a wealth of knowledge and experience, having undertaken research for a wide range of clients, including some of the biggest names in the energy industry. Clients include governments, national oil and energy companies, multinationals, energy traders, upstream, mid and downstream independents, as well as organizations in the finance and professional services sectors. Argus has been reporting on the international asphalt market and pricing since 1998. These prices are used in contracts by several market participants across the globe.

Given Argus' pedigree in reporting on prices in the market reports Argus Americas Asphalt and Argus Bitumen, our asphalt research is firmly focused on markets — their structure, outlook, logistics and economics — where Argus' understanding, knowledge and insight provide clients with a real competitive advantage.

Contact us

Houston office:

2929 Allen Parkway, Suite 700
Houston, Texas 77019
Tel: +1 713 968 0000

Rio de Janeiro office:

Av. Atlantica, 1130; 10th Floor - Frente - A
Copacabana, Rio de Janeiro, RJ Brazil -22.021-000
Tel: +55 21 2548 0817

London office:

175 St John Street
London, EC1V 4LW
Tel: +44 20 7780 4200

Singapore office:

50 Raffles Place, 10-01 Singapore
Land Tower Singapore, 048623
Tel: + 65 6496 9966

Web: argusmedia.com | **Email:** consulting@argusmedia.com | **Twitter:** [@argusmedia](https://twitter.com/argusmedia)