

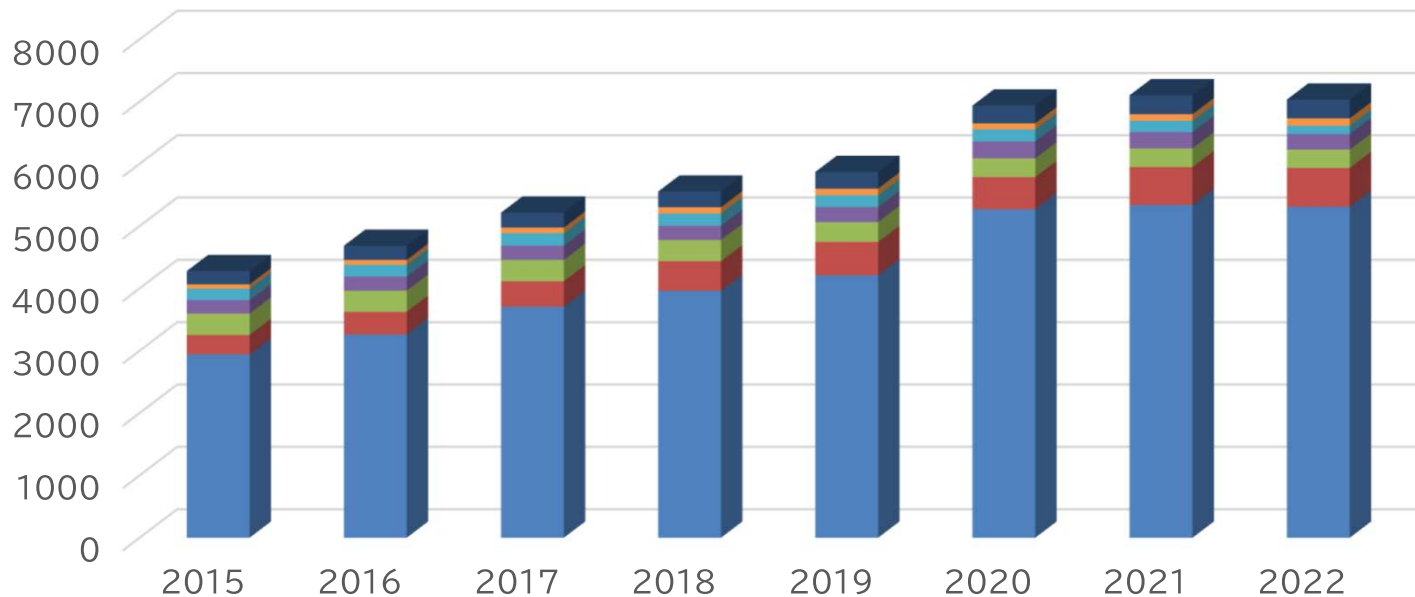
Nonwovens Production in Asia (2015-2022)

(1,000 tons)

Source : ANFA

	2015	2016	2017	2018	2019	2020	2021	2022	'22/'21 %
China	2,941	3,260	3,705	3,960	4,210	5,273	5,340	5,310	-0.6
India	312	365	410	475	536	514	608	625	2.8
Japan	342	340	343	341	321	301	300	293	-2.3
Korea	216	226	228	227	239	271	263	252	-4.2
Taiwan	184	188	200	197	191	194	182	151	-17.0
Indonesia	69	78	91	100	106	98	104	119	13.9
Others	214	228	240	253	267	283	305	301	-1.3
Total	4,278	4,685	5,217	5,553	5,870	6,934	7,102	7,051	-0.7

■ China ■ India ■ Japan ■ Korea ■ Taiwan ■ Indonesia ■ Others



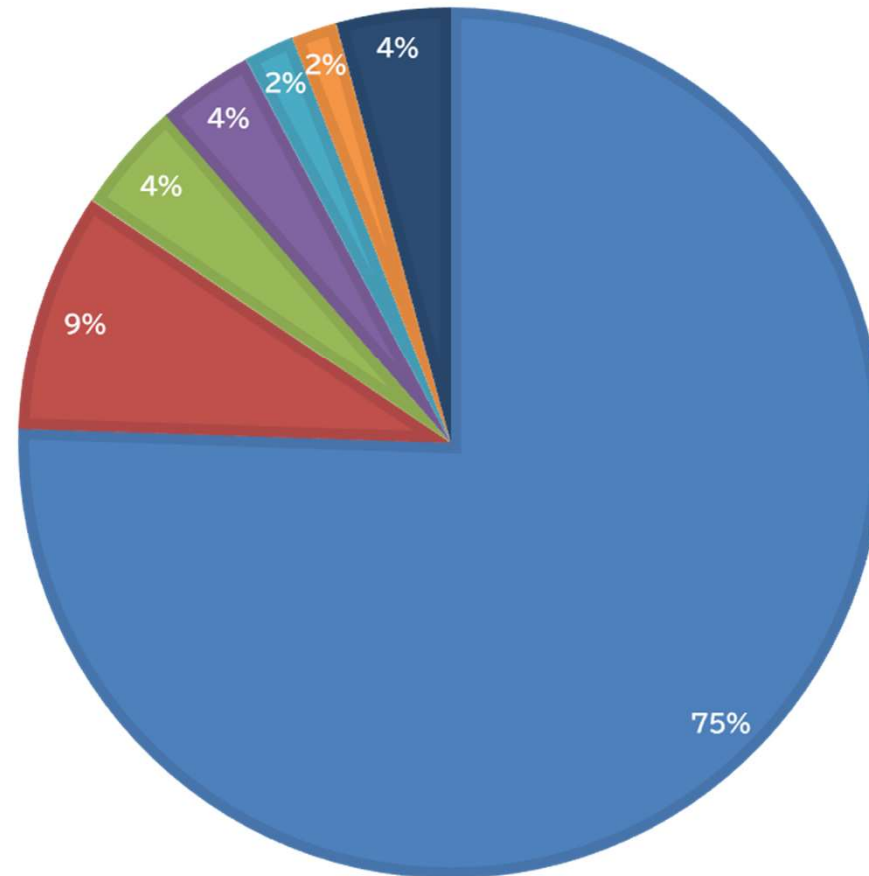
Nonwovens Production in Asia by Region (2022)

Source : ANFA

(1,000 tons)

■ China ■ India ■ Japan ■ Korea ■ Taiwan ■ Indonesia ■ Others

China	5,310
India	625
Japan	293
Korea	252
Taiwan	151
Indonesia	19
Others	301
Total	7,051



Nonwovens Production in Asia by Technology in Major 6 regions (2022)

Source : ANFA
(1,000 tons)

	China	India	Japan	Korea	Taiwan	Indonesia	Total
Chemicalbonded	143	-	17	19	5	-	184
Thermalbonded	229	-	39	26	11	14	319
Needlepunched	988	205	58	83	16	49	1,399
Spunlaced	1,040	29	45	9	61	6	1,190
Spunbonded/MB	2,704	366	78	113	52	50	3,363
Other/Dry-laid	112	25	19	3	4	0	163
Wet-laid	94	-	37	0	2	-	133
Total	5,310	625	293	253	151	119	6,751

