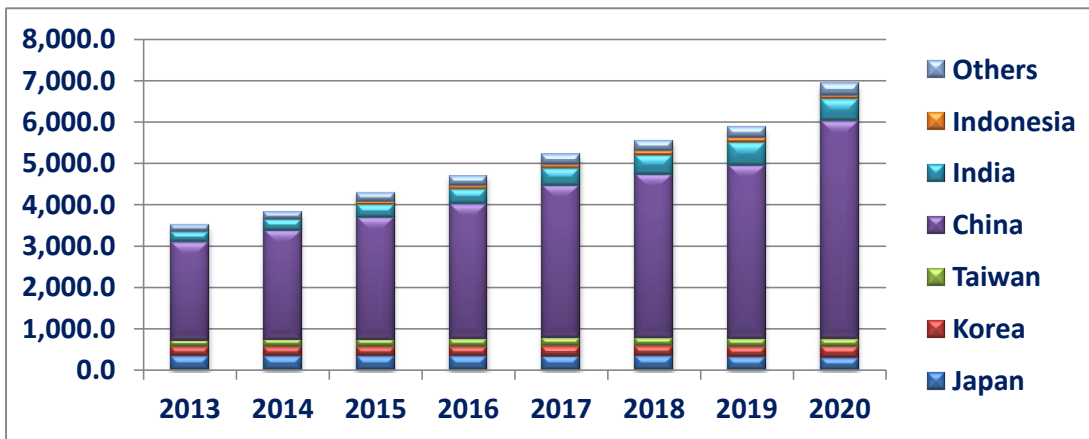


Nonwovens Production in Asia (2020)

METI, KNIC, TNFIA, CNTA, BCH, ANNA

1. Production Trend ('000 tonnes)

	2013	2014	2015	2016	2017	2018	2019	2020	20/'19 %
Japan	332.0	336.3	342.1	339.6	342.1	342.8	320.4	301.6	94.1
Korea	217	221	216	226	228	227	239	271	113.4
Taiwan	153	182	184	188	200	197	191	194	101.6
China	2,387	2,635	2,941	3,260	3,705	3,960	4,210	5,273	125.2
India	253	277	312	365	410	475	536	514	95.9
Indonesia	-	-	69	78	91	100	106	98	92.7
Others	168	183	214	228	240	253	267	283	106.0
Total	3,510	3,834	4,278	4,684	5,216	5,555	5,869	6,935	118.2



2. Production Process ('000 tonnes)

	Japan	Korea	Taiwan	China	India	Indonesia	Total
Chemicalbonded	16	20	4	143	-	0	183
Thermalbonded	39	28	13	225	-	10	316
Needlepunched	59	89	29	920	138	48.924	1,283
Spunlaced	50	9	80	1,155	33	5.568	1,333
Spunmelt	81	121	62	2,636	320	33.192	3,253
Other/Dry-laid	21	1	6	111	24	0.36	163
Wet-laid	34	3	0	83	-	-	120
Total	301	271	194	5,273	514	98	6,651

