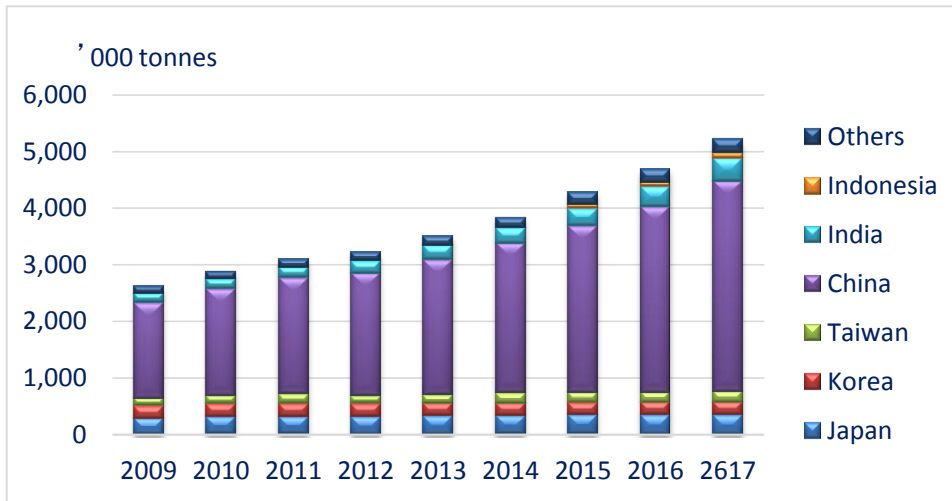


## Nonwovens Production in Asia (2017)

METI, KNIC, TNFIA, CNTA, BCH, ANNA, INWA, Others

### 1. Production Trend ('000 tonnes)

	2009	2010	2011	2012	2013	2014	2015	2016	2017	'17/'16 %
Japan	283	313	313	321	332	336	342	340	342	100.7
Korea	220	225	233	226	217	221	216	225	228	101.2
Taiwan	140	150	165	131	153	182	184	189	200	106.0
China	1,685	1,879	2,055	2,163	2,387	2,635	2,941	3,261	3,705	113.6
India	162	175	186	223	253	277	312	365	400	109.6
Indonesia	-	-	-	-	-	-	69	81	91	112.5
Others	130	140	145	152	168	183	214	228	240	105.3
<b>Total</b>	<b>2,621</b>	<b>2,882</b>	<b>3,097</b>	<b>3,216</b>	<b>3,509</b>	<b>3,834</b>	<b>4,278</b>	<b>4,689</b>	<b>5,206.4</b>	<b>111.0</b>



### 2. Production Process ('000 tonnes)

	Japan	Korea	Taiwan	China	India	Indonesia	Total
Chemicalbonded	20	19	7	130		-	176
Thermalbonded	40	21	14	185		5	265
Needlepunched	73	85	34	800		51	1,043
Spunlaced	48	9	80	750		6	893
Spunmelt	103	91	57	1,695		28	1,975
Other/Dry-laid	25	3	6	105		0	140
Wet-laid	34	0	1	40		-	75
<b>Total</b>	<b>342</b>	<b>228</b>	<b>200</b>	<b>3,705</b>	<b>400</b>	<b>91</b>	<b>4,967</b>

