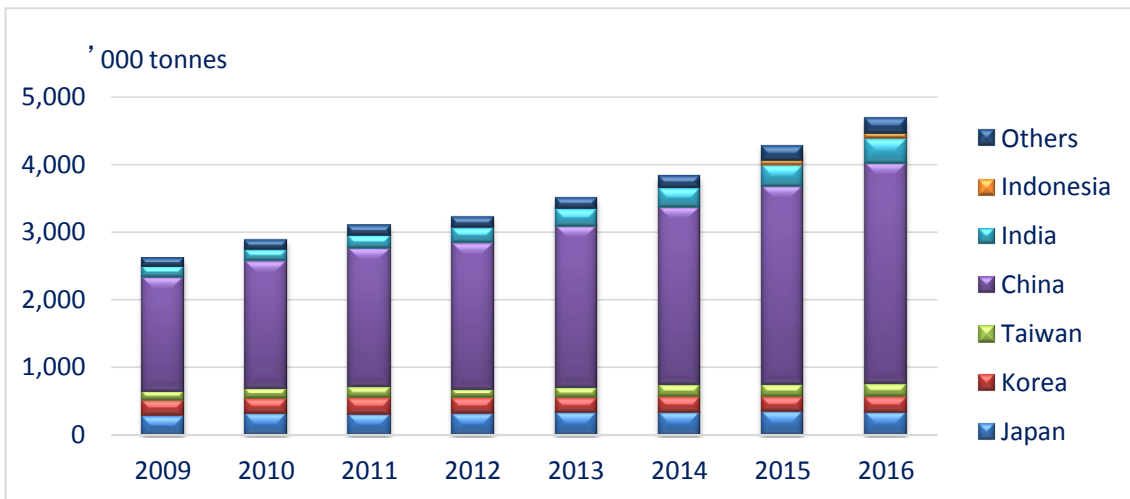


Nonwovens Production in Asia (2016)

METI, KNIC, TNFIA, CNTA, BCH, ANNA

1. Production Trend ('000 tonnes)

	2009	2010	2011	2012	2013	2014	2015	2016	'16/'15 %
Japan	283	313	313	321	332	336	342	340	99.3
Korea	220	225	233	226	217	221	216	225	104.1
Taiwan	140	150	165	131	153	182	184	189	102.9
China	1,685	1,879	2,055	2,163	2,387	2,635	2,941	3,261	110.9
India	162	175	186	223	253	277	312	365	117.0
Indonesia	-	-	-	-	-	-	69	81	117.9
Others	130	140	145	152	168	183	214	228	106.3
Total	2,621	2,882	3,097	3,216	3,509	3,834	4,278	4,689	109.6



2. Production Process ('000 tonnes)

	Japan	Korea	Taiwan	China	India	Indonesia	Total
Chemicalbonded	19	19	7	125	-	-	170
Thermalbonded	39	20	11	151	-	4	225
Needlepunched	72	84	38	747	114	41	1,096
Spunlaced	44	9	67	599	31	6	756
Spunmelt	107	90	57	1,500	202	28	1,984
Other/Dry-laid	26	3	8	103	18	4	162
Wet-laid	33	0	1	36	-	-	70
Total	340	225	189	3,261	365	81	4,462

