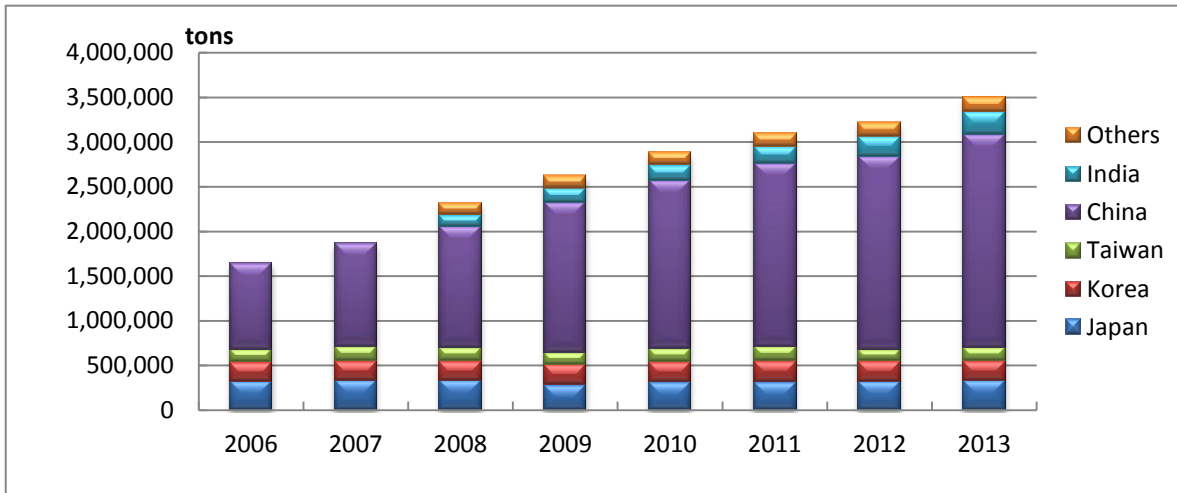


## Nonwovens Production in Asia (2013)

METI, KNIC, TNFIA, CNTA, BCH, ANNA

### 1. Production Trend (tons)

	2006	2007	2008	2009	2010	2011	2012	2013	'13/'12%
Japan	329,752	338,281	338,436	283,378	313,417	313,020	320,926	331,491	103.3
Korea	210,795	213,065	214,836	220,160	224,854	233,161	226,223	217,174	96.0
Taiwan	144,000	160,038	150,033	140,075	149,954	164,797	130,492	153,147	117.4
China	966,000	1,150,600	1,347,000	1,685,000	1,879,000	2,054,700	2,163,000	2,387,000	110.4
India	-	-	135,000	162,000	175,000	186,250	222,640	252,494	113.4
Others			132,000	130,000	140,000	145,000	152,250	168,000	110.3
<b>Total</b>	<b>1,650,547</b>	<b>1,861,984</b>	<b>2,317,305</b>	<b>2,620,613</b>	<b>2,882,225</b>	<b>3,096,928</b>	<b>3,215,531</b>	<b>3,509,306</b>	<b>109.1</b>



### 2. Production Process (tons)

	Japan	Korea	Taiwan	China	India	Total
Chemicalbonded	18,674	18,430	9,132	110,000	-	156,236
Thermalbonded	36,879	20,100	9,781	133,000	-	199,760
Needlepunched	72,665	81,650	36,237	575,000	85,300	850,852
Spunlaced	39,294	7,831	48,250	315,000	19,700	430,075
Spunbonded/MB	107,612	85,826	35,184	1,140,000	138,694	1,507,316
Other/Dry-laid	25,554	3,337	13,730	96,000	8,800	147,421
Wet-laid	30,816	0	833	18,000	-	49,649
<b>Total</b>	<b>331,491</b>	<b>217,174</b>	<b>153,147</b>	<b>2,387,000</b>	<b>252,494</b>	<b>3,341,306</b>

