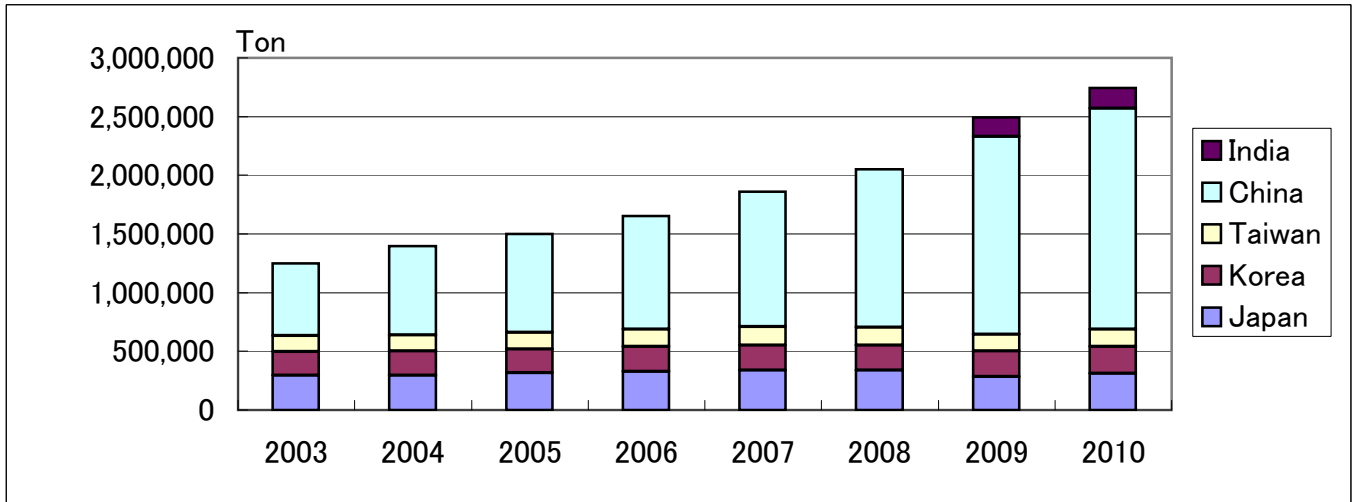


Nonwovens Production in Asia (2010)

METI, KNIC, TNFIA, CNTA, BCH

1. Production Trend (ton)

	2003	2004	2005	2006	2007	2008	2009	2010	'10/'09%
Japan	296,753	296,913	313,941	329,752	338,281	338,436	283,378	313,417	110.6
Korea	199,298	203,921	205,960	210,795	213,065	214,836	220,160	224,854	102.1
Taiwan	135,702	139,141	140,551	144,000	160,038	150,033	140,075	149,954	107.1
China	615,000	755,000	838,000	966,000	1,150,600	1,347,000	1,685,000	1,879,000	111.5
India	-	-	-	-	-	-	162,000	175,000	108.0
Total	1,246,753	1,394,975	1,498,452	1,650,547	1,861,984	2,050,305	2,490,613	2,742,225	110.1



2. Production Process (ton)

	Japan	Korea	Taiwan	China	India	Total
Chemicalbonded	19,883	30,173	2,569	98,000	-	150,625
Thermalbonded	36,105	27,943	6,100	94,000	-	164,148
Needlepunched	75,776	79,479	43,761	480,000	75,250	754,266
Spunlaced	32,955	8,086	50,810	162,000	17,500	271,351
Spunbonded/MB	86,690	75,089	26,939	953,000	71,750	1,213,468
Other/Dry-laid	24,176	1,580	19,775	76,000	10,500	132,031
Wet-laid	37,835	2,504	-	16,000	-	56,339
Total	313,417	224,854	149,954	1,879,000	175,000	2,742,225

