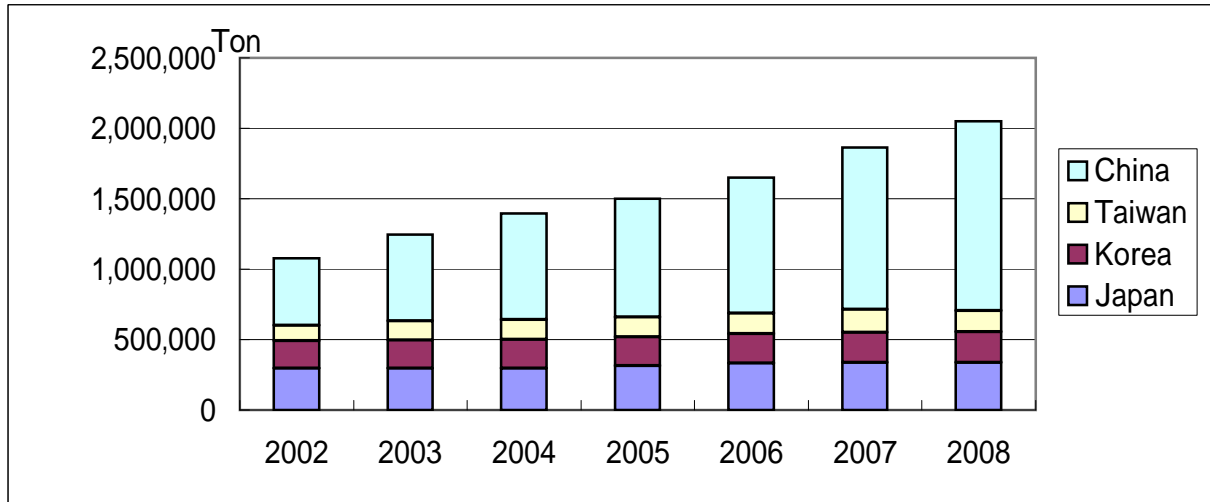


Nonwovens Production in Asia (2008)

ANNA, KNIC, TNFIA, CNTA

1. Production Trend (ton)

	2002	2003	2004	2005	2006	2007	2008	'08/ '07%
Japan	295,883	296,753	296,913	313,941	329,752	338,281	338,436	100.0
Korea	195,820	199,298	203,921	205,960	210,795	213,065	214,836	100.8
Taiwan	107,739	135,702	139,141	140,551	144,000	160,038	150,033	93.7
China	477,700	615,000	755,000	838,000	966,000	1,150,600	1,347,000	117.1
Total	1,077,142	1,246,753	1,394,975	1,498,452	1,650,547	1,861,984	2,050,305	110.1



2. Production Process (ton)

	Japan	Korea	Taiwan	China	Total
Chemicalbonded	26,678	30,138	6,200	89,000	152,016
Thermalbonded	37,534	27,133	14,460	68,000	147,127
Needlepunched	91,241	76,525	47,493	325,000	540,259
Spunlaced	30,810	7,322	28,900	112,000	179,032
Spunbonded/MB	92,633	69,773	12,318	678,000	852,724
Other Dry - laid	21,476	3,945	40,197	63,000	128,618
Wet - laid	38,066	-	465	12,000	50,531
Total	338,436	214,836	150,033	1,347,000	2,050,307

