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Trends in high technology merchandise trade: Where do India stand¹

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Abstract

By and large, India's performance on the high technology manufacturing trade front is not too impressive. India is a small player in most of the product categories barring pharmacy sector. In the last ten years period of observation, India has not able increase her presence significantly in most of the segment. By contrast, China, starting from the similar base like India in some of the segments, has exhibited marked improvement.

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1. Introduction

The process of major economic reforms undertaken in the Indian economy has now completed two decades. The economy is now more integrated with the world.

One of the objective of the launching of the economic reforms was it would facilitate access to new technology. As a result, India would be able to move up the technology ladder in all spheres of activities. It should be manifested in the growth of high-technology manufacturing industries. It should be accompanied with the growth of India's trade in the above segments in the global marketplace. This paper attempts to analyse India's performance of same over time and vis-à-vis other major economies.

In order to analyse the competitive and trade performance of high technology products, one need to define what constitute high technology segments. The standard approach that is commonly used to identify technology-intensive industries and products is the product approach. The product list is based on the calculations of R&D intensity by groups of products (R&D expenditure/total sales). Exports and imports of these products comprise high technology trade. According to European Union's definition of high technology trade, the following commodities comprise the same:²

Table A. High-Technology groups of Products

<i>List of high-technology groups of products</i>	<i>SITC Rev. 3</i>
Aerospace	7921+ 7922 + 7923 + 7924 + 7925 + 79293 + (714 – 71489 - 71499) + 87411
Computers-office machines	75113 + 75131 + 75132 + 751 34 + (752 - 7529) + 75997
Electronics-telecommunications	76381 + 76383 + (764 – 76493 - 76499) + 7722 + 77261 + 77318 + 77625 + 7763 + 7764 + 7768 + 89879
Pharmacy	5413 + 5415 + 5416 + 5421 + 5422
Scientific instruments	774 + 8711 + 8713 + 8714 + 8719 + 87211 + (874 – 87411 - 8742) + 88111 + 88121+ 88411 + 88419 + 89961 + 89963 + 89967
Electrical machinery	77862 + 77863 + 77864 + 778 65 + 7787 + 77884
Chemicals	52222 + 52223 + 52229 + 522 69 + 525 + 57433 + 591
Non-electrical machinery	71489 + 71499 + 71871 + 71877 + 72847 + 7311 + 73135 + 73144 + 73151+ 73153+ 73161 + 73165 + 73312 + 73314 + 73316 + 73733 + 73735
Armament	891

All high technology trade data are extracted from the World Bank's WITS database. In what follows, we analyse the performance of India's trade in respect of the above commodity groups in recent years. To judge India's presence in the global market, a comparison is made with respect to selected

² Meri, Thomas (2008), "Trade in High Tech Products: Statistics in focus," *Science and Technology*, July.

countries. The selected countries are basically the so-called developed (OECD) countries, and some newly industrialised countries as well as the other members of the BRICs group of countries.³

2. Aggregate Trade

Table 2-1 shows the trends of high technology exports in aggregate for selected countries between 1995 and 2006. As Table 2-1 shows, India's high technology trade has increased from US \$ 1021 million in 1995 to US \$ 4463 million in 2006. During the same period, the export of high technology trade of Brazil has increased by 8 times, while that of China has risen by 25 times! The share of high technology trade in India's GNP at 0.49 percent in 2006 is the lowest among the group of selected countries. However, the good news is that India's share of high technology exports in GNP has increased significantly in post-2006 years. It stood at 2.46 percent at the end of 2008, which compared favourably among the selected countries. The share of India in world's high technology trade is about 1.5 percent in 2008, which has increased significantly since 2007. In 2008, India's share of high technology exports in manufactured exports stood at 25 percent which is even higher than that of China.

The statistics on high technology imports are shown in Table 2-2. With the opening up of the economy and easing of the embargo on high technology imports, India seems to have improved its position between the years 1995 and 2008. India's import of high technology trade has jumped from US \$ 2621 million in 1995 to US \$ 29 billion in 2006. This corresponds to a share of 1.49 percent in world's high technology imports in 2008 as compared to a paltry share of 0.36 percent in 1995. However, its share in GNP is still small compared to other emerging / developed economies or BRIC member countries.

3. Product Trade

We have seen above that India's position in the global space of high technology export has improved remarkably since the past decade. A principal reason for the same is that in some of the product segment of high technology trade, in which India was virtually absent till 2006, its position has seen an upward trend (Table 2-3). For instance, take the case of aerospace instruments. India exported only US \$ 5 million in 2006, whereas a country like Israel exported US \$ 39 millions, Korea US \$ 547 millions, Brazil US \$3585 millions. In 2008, India's exports in aerospace instrument have increased almost 2000 percent of that in 2006. However, countries like Brazil, Korea and Israel have also improved their trade regimes but the growth ratio is lower than that of India. China's performance in the last couple of years has, relatively, not followed any trend. It captured 0.51% of the global exports in 2006, this fell to 0.38% in 2007, and then again rose to 0.65% and 0.86% in 2008 and 2009, respectively. The

³ BRIC: Brazil, Russia, India and China

four countries –USA, UK, France and Germany- control about 80 percent of the world exports in aerospace equipments.

The growth of domestic airline in India has expectedly pushed up the demand of aerospace equipments. Between 1995 and 2008, India's imports of the same increased from US \$223 million to US \$ 11 billion (Table 2-3). As a result, the share in global imports rose to 6.6 percent in 2008. Except China, its share in global imports is the highest among the developing countries.

On the other hand, India exhibits a better presence in the global market of trade in computer office equipments (Table 2-4). India exported US \$ 305 million and imported US 4136 millions of computer office equipments in 2008. Except China, India compares favourably with respect to other BRIC countries. Among the selected developing countries, India ranks high in respect of global import, with 1.02% in 2008, in this product category signifying the deepening of the IT spreads in the Indian economy.

Table 2-5 shows the stylised facts of trade in electronic telecommunication equipments. Between the period 1995 to 2006, India's exports in value terms tripled up to US \$ 1207 million whereas imports surged by eleven times to reach US \$ 10 billion. However between 2006 and 2008, India's exports have risen only by 5% and imports have fallen by 28%. India's share in global imports has fallen from 1.15 percent in 2006 to 0.88 percent in 2008, which in line with countries like Brazil, Russia, and Sweden. However, its export share in global market place is insignificant- only 0.19 percent, while the same of Korea is 8.17 percent, Israel is 0.27 percent, Brazil is 0.37 percent in 2008. The striking point is that China has been able to increase its market share in this product category from 2.6 percent in 1995 to 33 percent in 2009. In fact, it is still the major exporter in the global market followed (way behind) by USA (10 percent) and Japan (10 percent).

Among the high technology product category, pharmacy is the one where India has a marked presence among the developing countries (Table 2-6). As this table shows, India's share of exports at about 5 percent in 2006 is the highest among the developing countries (except China) and is higher than some of the OECD countries like Japan, Canada. In fact, the divide between India and China is not too wide only in this product category. However, though India's exports has risen between 2006 and 2008 its overall share in the global exports has fallen to 1.8 percent. By contrast, India's share of global import in this category, though increased between 2006 and 2008, still stands at less than 1 percent. To some extent, the low figure could be ascribed to the restriction of imports to India by developed countries due to IPR issues.

The low level of trade (imports and exports) in scientific instruments by India is a cause for concern. This probably portrays the state of scientific research in India. While the share of China in global imports of scientific instruments stood at 29 percent in 2008 after rising from 3.5 percent in 1995, the share of the same for India has risen merely from 0.83 percent in 1995 to 1.11 percent in 2008 (Table 2-7). India exported only US \$ 690 millions of instrument in 2008, whereas a country like Israel exported nearly US \$ 2 billion in 2008.

India's performance is dismal in the product category Electrical Machinery. As Table 2-8 indicates, India exported and imported good amounting to US \$ 45 million and US \$ 385 million respectively in 2008, a value relatively stagnant since 2006. Among the BRIC countries, India's position is the lowest in this category.

The similar trend is also observed in the product category Non-electrical Machinery (Table 2-9). In 2006, India exported US \$ 194 million and imported US \$ 282 million. There has not been any significant change in the shares of imports/export in the global trade over the 12 years period 1995-2008.

With regard to high technology trade in chemicals product category, India's position is relatively better and has significantly improved between the years 1995 and 2008, peaking in 2006 at 2.41 percent (Table 2-10). India has a share of 2.22 percent in global high technology exports (2008) in this category, which is higher than many of the selected countries. India exported about US \$ 1431 million in 2008 and its imports amounted to only US \$ 654 million. There has been a significant increase in export between the years under observations. In recent years, the stricter environmental regulations in the developed countries have led to a shift in the production base of the chemical industries to a developing country like India. To some extent, this has contributed to this trend.

India is late entrant in the global marketplace of armaments. Only recently, India has made a decision to be a player in this market. India has been able to increase its exports of armaments from US \$ 325 million in 1995 to US \$ 43528 million in 2008 (see Table 2-11). Its share has increased from 0.05 percent 2006 to 0.42 percent in 2008 in the global export market improving India's position in this category.

4. Concluding Remarks

By and large, India's performance on the high technology manufacturing trade front is not too impressive. India is a small player in most of the product categories barring pharmacy sector. In the last ten years period of observation, India has not able increase her presence significantly in most of the segment. By contrast, China, starting from the similar base like India in some of the segments, has exhibited marked improvement. However, India's share of high technology exports in manufactured exports has jumped to 25 percent in 2008. Time will only tell whether India would able sustain this in the coming days. Since pharmacy is one sector where India is doing well, it would make sense to nurture this sector. However the bdata in 2007 and 2008 indicate that the share of the same in global exports has declined in post 2006 period. It is also surprising that India, with a large scientific base, occupies such a small share in respect of trade in scientific instruments. The high technology exports of non-electrical machinery seem to have risen in the years succeeding 2006. This is a positive development. The data also indicates that India also started to make inroads in armaments exports. This is a good sign since the volume of this segment in world is huge.

Table 2-1 High Technology Exports

(Thousand dollars and percentage)																
Country	Values				Share in GNP				Share in World's HT Exports				Share of HT Exports in manufactured Exports			
	1995	2006	2007	2008	1995	2006	2007	2008	1995	2006	2007	2008	1995	2006	2007	2008
Austria	5073163	14715349	14003458	14696868	2.15%	4.47%	4.05%	3.84%	0.68%	0.75%	0.80%	0.75%	8.63%	13.68%	10.87%	10.53%
Belgium		23530587	23396202	26140745		5.80%	5.35%	5.48%		1.20%	1.34%	1.33%		8.27%	6.95%	7.29%
Brazil	1064786	8672636	9,11981	21992711	0.15%	0.97%	0.79%	1.57%	0.14%	0.44%	0.52%	1.12%	4.85%	12.65%	12.13%	25.38%
Canada	18120670	33183716	26855785	42482080	3.23%	2.77%	2.01%	2.92%	2.42%	1.69%	1.54%	2.17%	15.07%	16.55%	12.98%	21.38%
China	11885166	307379509	300101499	259684841	1.66%	11.73%	9.44%	6.68%	1.59%	15.64%	17.22%	13.25%	10.04%	34.33%	26.41%	19.50%
Denmark	5051999	13207372	10988756	9198222	2.81%	4.66%	3.71%	2.85%	0.68%	0.67%	0.63%	0.47%	15.20%	22.29%	16.26%	12.22%
France	43532092	85555176	77732256	69600010	2.77%	3.71%	3.13%	2.58%	5.82%	4.35%	4.46%	3.55%	18.72%	22.51%	18.22%	15.11%
Germany	61640615	176504667	148530229	133282095	2.46%	5.82%	4.60%	3.80%	8.24%	8.98%	8.52%	6.80%	12.90%	18.53%	13.54%	11.09%
India	1021961	4463637	5033591	29194081	0.29%	0.49%	0.47%	2.46%	0.14%	0.23%	0.29%	1.49%	4.31%	5.60%	5.41%	25.79%
Israel	3298579	11796918	3061927	6444591	3.80%	8.30%	1.90%	3.57%	0.44%	0.60%	0.18%	0.33%	15.83%	30.63%	7.48%	11.38%
Japan	120595526	155180995	113727927	83127314	2.30%	3.14%	2.36%	1.71%	16.12%	7.90%	6.52%	4.24%	26.13%	26.45%	17.74%	11.99%
Korea	32827608	120921668	100044869	61083156	6.37%	14.12%	9.74%	5.84%	4.39%	6.15%	5.74%	3.12%	25.87%	41.66%	30.26%	16.72%
Netherland	27835371	73997556	58432469	52871935	6.27%	10.52%	7.67%	6.52%	3.72%	3.77%	3.35%	1.25%	23.82%	30.95%	20.26%	17.56%
Russia	1125504	4505480	4034159	24483941	0.29%	0.55%	0.38%	1.79%	0.15%	0.23%	0.23%	0.44%	0.00%	8.97%	6.69%	31.11%
South Africa	722424	1949254	1813872	8647135	0.49%	0.76%	0.66%	3.05%	0.10%	0.10%	0.10%	0.44%	5.67%	0.67%	5.59%	22.70%
Sweden	14265223	25936063	17178750	14754460	5.83%	6.56%	3.92%	3.14%	1.91%	1.32%	0.99%	0.75%	16.08%	22.78%	13.16%	10.73%
Switzerland	11757680	31562257	33165709	24009942	3.62%	7.26%	7.38%	5.66%	1.57%	1.61%	1.90%	1.23%	13.91%	23.54%	21.29%	13.39%
UK	57297893	123771987	60169429	65825713	5.07%	5.04%	2.24%	2.33%	7.66%	6.30%	3.45%	3.36%	27.34%	36.03%	18.60%	20.48%
USA	162040639	293677732	221176846	265470298	2.23%	2.19%	1.58%	1.82%	21.67%	14.95%	12.69%	13.54%	32.80%	40.14%	27.48%	31.03%

Source: WITS online database, (World Bank)

Table 2-2 High Technology Imports

(Thousand dollars and percentage)

Country	Values				Share in GNP				Share in World's HT Imports			
	1995	2006	2007	2008	1995	2006	2007	2008	1995	2006	2007	2008
Austria	7315816	15163980	14347079	14696868	3.11%	4.61%	4.15%	3.84%	0.99%	0.77%	0.75%	0.75%
Belgium		25209303	24180995	26140745		6.22%	5.53%	5.48%		1.28%	1.26%	1.33%
Brazil	8038167	19564058	13585038	21992711	1.16%	2.19%	1.18%	1.57%	1.09%	0.99%	0.71%	1.12%
Canada	27738630	44666463	39906720	42482080	4.94%	3.73%	2.99%	3.84%	3.76%	2.26%	2.08%	2.17%
China	20957511	305151721	247799487	259684841	2.93%	11.64%	7.79%	6.68%	2.84%	15.44%	12.94%	13.25%
Denmark	5860983	15300705	9494128	9198222	3.26%	5.40%	3.20%	2.85%	0.79%	0.77%	0.50%	0.47%
France	37580443	75754004	64251789	69600010	2.39%	3.28%	2.59%	2.58%	5.09%	3.83%	3.36%	3.55%
Germany	62348541	159890518	128041915	133282095	2.49%	5.27%	3.96%	3.80%	8.45%	8.09%	6.69%	6.80%
India	2621543	22896681	21650987	29194081	0.75%	2.52%	2.02%	2.46%	0.36%	1.16%	1.13%	1.49%
Israel	4003268	11125532	6105386	6444591	4.62%	7.82%	3.80%	3.57%	0.54%	0.56%	0.32%	0.33%
Japan	53760397	107413775	84527015	83127314	1.02%	2.18%	1.75%	1.71%	7.29%	5.43%	4.42%	4.24%
Korea	25849512	62852223	59082239	61083156	5.02%	7.34%	5.75%	5.84%	3.50%	3.18%	3.09%	3.12%
Netherland	26494659	69906178	58962705	52871935	5.96%	9.94%	7.74%	6.52%	3.59%	3.54%	3.08%	2.70%
Russia	621339	18752798	20899989	24483941	0.16%	2.28%	1.95%	1.79%	0.08%	0.95%	1.09%	1.25%
South Africa	4347825	10400374	8148041	8647135	2.93%	4.07%	2.97%	3.05%	0.59%	0.53%	0.43%	0.44%
Sweden	11939673	19232405	15235941	14754460	4.88%	4.86%	3.47%	3.84%	1.62%	0.97%	0.80%	0.75%
Switzerland	11433303	22331038	22157487	24009942	3.52%	5.14%	4.93%	5.66%	1.55%	1.13%	1.16%	1.23%
UK	50697622	100732344	69936646	65825713	4.49%	4.10%	2.60%	2.33%	6.87%	5.10%	3.65%	3.36%
USA	159955053	304397565	268990137	265470298	2.20%	2.27%	1.92%	1.82%	21.68%	15.40%	14.05%	13.54%

Source: WITS online database, (World Bank)

Table 2-3 Trade in Aerospace Equipment: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	118087	702915	596737	362452	192178	0.19%	0.41%	0.33%	0.19%	0.17%	645591	789291	1508573	1731830	1018351	1.18%	0.58%	1.04%	1.00%	0.83%
Belgium		406585	538231	701462	1039275		0.24%	0.29%	0.36%	0.91%		563058	804189	1176933	698545		0.42%	0.55%	0.68%	0.57%
Brazil	315924	3585899	4940246	5665994	4206174	0.50%	2.09%	2.70%	2.92%	3.68%	341778	1503911	2218424	3455176	3022412	0.62%	1.11%	1.53%	1.99%	2.47%
Canada	3401773	9937340	10629250	10717606	10172210	5.37%	5.80%	5.81%	5.52%	8.89%	1987954	5463369	6992363	7448563	5858208	3.63%	4.05%	4.81%	4.28%	4.79%
China	103251	867270	702145	1266057	980073	0.16%	0.51%	0.38%	0.65%	0.86%	1209296	11633255	10677671	10559480	11399510	2.21%	8.62%	7.34%	6.07%	9.32%
Denmark	45271	433147	225389	207903	186582	0.07%	0.25%	0.12%	0.11%	0.16%	341127	478868	1084711	955925	1087309	0.62%	0.35%	0.75%	0.55%	0.89%
France	13984291	30030314	33468810	40697675	37859479	22.07%	17.54%	18.30%	20.96%	33.08%	3792904	8752670	10968295	11012659	11162080	6.93%	6.49%	7.54%	6.33%	9.13%
Germany	6750900	28607937	24426798	27321319	29739539	10.65%	16.71%	13.36%	14.07%	25.98%	6160710	23912443	16173710	20058276	21040685	11.25%	17.72%	11.12%	11.54%	17.21%
India	268	5170	11106	126811		0.00%	0.00%	0.01%	0.07%	0.00%	223449	4564999	2291047	11476591		0.41%	3.38%	1.58%	6.60%	
Israel	203608	39925	27920	153050	215734	0.32%	0.02%	0.02%	0.08%	0.19%	481455	431283	953489	485309	452979	0.88%	0.32%	0.66%	0.28%	0.37%
Japan	384066	1649882	1828728	1907897		0.61%	0.96%	1.00%	0.98%	0.00%	3187954	7321673	8410090	8344203		5.82%	5.43%	5.78%	4.80%	
Korea	716202	547191	389535	323964		1.13%	0.32%	0.21%	0.17%	0.00%	2925809	3038879	2643218	2017169		5.34%	2.25%	1.82%	1.16%	
Netherlands	2497735	1961717	1759715	2338011		3.94%	1.15%	0.96%	1.20%	0.00%	2030352	1938521	1485911	2574816		3.71%	1.44%	1.02%	1.48%	
Russia	585814	1997510	1070557	1059236	1016480	0.92%	1.17%	0.59%	0.55%	0.89%	128540	1800351	224752	251858	317723	0.23%	1.33%	0.15%	0.14%	0.26%
South Africa	104861	546180	481214	448600	142369	0.17%	0.32%	0.26%	0.23%	0.12%	520256	1394421	1552510	1839291	917106	0.95%	1.03%	1.07%	1.06%	0.75%
Sweden	1646256	1336151	759943	785680	607992	2.60%	0.78%	0.42%	0.40%	0.53%	1034979	765937	729960	871151	598038	1.89%	0.57%	0.50%	0.50%	0.49%
Switzerland	983231	2925297	1682805	2281547	1782811	1.55%	1.71%	0.92%	1.18%	1.56%	1236533	2174061	2551026	2022707	1945984	2.26%	1.61%	1.75%	1.16%	1.59%
UK	7396581	16234944	12995478	12181099	12702545	11.67%	9.48%	7.11%	6.27%	11.10%	4229449	8412487	7233909	8458317	8400251	7.72%	6.23%	4.97%	4.86%	6.87%
USA	24578320	70884592	72221308	69326417	4445223	38.78%	41.40%	39.49%	35.70%	3.88%	8450725	22573026	26902914	27369036	22448162	15.43%	16.73%	18.50%	15.74%	18.36%
World	63371566	171226232	182901909	194165574	114451601						54758872	134947663	145446483	173887335	122253460					

Source: WITS online database, (World Bank)

Table 2-4 Trade in Computer Office Machines: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	684362	1297284	1323424	1178772	934655	0.32%	0.28%	0.35%	0.31%	0.37%	1848003	2952748	2715181	2679427	2115133	0.85%	0.63%	0.67%	0.66%	0.79%
Belgium		4468038	2123911	2444801	1877700		0.95%	0.57%	0.65%	0.73%		5234844	4159403	4444007	3463452		1.11%	1.03%	1.10%	1.30%
Brazil	177396	344431	219155	182378	218243	0.08%	0.07%	0.06%	0.05%	0.09%	1344256	2333641	2289210	2906242	2556621	0.61%	0.49%	0.57%	0.72%	0.96%
Canada	5338519	3049406	2169653	2198573	1488325	2.46%	0.65%	0.58%	0.59%	0.58%	7892812	10668300	9542622	9592594	7676099	3.61%	2.26%	2.37%	2.37%	2.87%
China	-116228	102492625	139858079	149435214	134447052	-0.05%	21.78%	37.51%	39.81%	52.52%	2023475	36696766	24194190	24933232	22468546	0.93%	7.77%	6.01%	6.15%	8.41%
Denmark	753822	1168237	985676	898796	867072	0.35%	0.25%	0.26%	0.24%	0.34%	1956387	3317488	2694013	2519126	2157128	0.89%	0.70%	0.67%	0.62%	0.81%
France	7512337	6835280	4451433	4790332	3404966	3.46%	1.45%	1.19%	1.28%	1.33%	10841612	15850010	13019087	12911006	10240342	4.96%	3.36%	3.23%	3.18%	3.83%
Germany	11311722	27469541	20569418	18125976	13608933	5.21%	5.84%	5.52%	4.83%	5.32%	19478666	37536070	28461433	26875592	20598768	8.91%	7.95%	7.07%	6.63%	7.71%
India	183641	275831	276595	305290		0.08%	0.06%	0.07%	0.08%	0.00%	308515	3760289	3782340	4136372		0.14%	0.80%	0.94%	1.02%	
Israel	115132	362957	418383	467579	420788	0.05%	0.08%	0.11%	0.12%	0.16%	489452	1352063	1295110	1342336	1209938	0.22%	0.29%	0.32%	0.33%	0.45%
Japan	31581613	21881486	7790638	6964782		14.56%	4.65%	2.09%	1.86%	0.00%	14924193	22964624	17991936	18667510		6.83%	4.86%	4.47%	4.60%	
Korea	4683879	17277196	17955574	12893493		2.16%	3.67%	4.82%	3.44%	0.00%	3032086	4481394	7103971	6955809		1.39%	0.95%	1.76%	1.72%	
Netherlands	11486925	33048791	25196896	22479398		5.30%	7.02%	6.76%	5.99%	0.00%	12052750	33282149	25091258	24257803		5.51%	7.05%	6.23%	5.98%	
Russia		90998	104018	167336	162968		0.02%	0.03%	0.04%	0.06%		2523488	3829287	4849723	3374121		0.53%	0.95%	1.20%	1.26%
South Africa	70621	221003	158388	157224	134782	0.03%	0.05%	0.04%	0.04%	0.05%	1128102	2331862	1900957	1784127	1445154	0.52%	0.49%	0.47%	0.44%	0.54%
Sweden	706655	1533016	4094672	4150076	3149520	0.33%	0.33%	1.10%	1.11%	1.23%	3141112	4570746	4094672	4150076	3149520	1.44%	0.97%	1.02%	1.02%	1.18%
Switzerland	765633	471268	441539	465482	414594	0.35%	0.10%	0.12%	0.12%	0.16%	3509455	3528644	3095663	3340919	2893565	1.61%	0.75%	0.77%	0.82%	1.08%
UK	16331587	17165196	9911311	8,418,887	6493708	7.53%	3.65%	2.66%	2.24%	2.54%	16455483	24213662	21260231	19116674	14545029	7.53%	5.13%	5.28%	4.71%	5.44%
USA	36718777	40369569	21622088	21185552	15953646	16.93%	8.58%	5.80%	5.64%	6.23%	56895839	95038518	83068216	78614628	74148737	26.02%	20.13%	20.63%	19.38%	27.74%
World	216907512	470641085	372846990	375352483	255989945						218643302	472219506	402610430	405568470	267301739					

Source: WITS online database, (World Bank)

Table 2-5 Trade in Electronic Telecommunications Equipment: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	2114484	6745708	5115394	5221212	3437778	0.69%	1.62%	0.76%	0.78%	0.90%	2389739	6205776	4560505	4600816	3625710	0.78%	0.68%	0.54%	0.55%	0.64%
Belgium		5952903	4707634	4926536	3574698		1.43%	0.70%	0.73%	0.93%		7996430	5659794	5951250	5671124		0.88%	0.67%	0.71%	1.00%
Brazil	116844	3526464	2278378	2495438	1727041	0.04%	0.85%	0.34%	0.37%	0.45%	3894223	10312507	2070996	6772912	5184417	1.28%	1.14%	0.25%	0.81%	0.92%
Canada	6620538	12669279	4585431	5627315	5129044	2.17%	3.04%	0.68%	0.84%	1.34%	12190022	17184443	10647588	11750260	10071429	4.00%	1.90%	1.26%	1.40%	1.78%
China	7833558	17107836 8	114567706	132268163	125342318	2.57%	41.02%	16.95%	19.67 %	32.68%	13394686	189177689	145435852	145287616	129710086	4.40%	20.86%	17.25%	17.28%	22.90%
Denmark	1606763	4181436	2114146	1707343	1280715	0.53%	1.00%	0.31%	0.25%	0.33%	1833971	5599149	2896777	2529557	2138410	0.60%	0.62%	0.34%	0.30%	0.38%
France	12250885	24978740	13821649	12973599	10781778	4.02%	5.99%	2.04%	1.93%	2.81%	11585563	28425162	16559337	17059613	15389944	3.80%	3.13%	1.96%	2.03%	2.72%
Germany	21055935	60609190	42534409	39322554	28481353	6.91%	14.53%	6.29%	5.85%	7.43%	21960755	60103978	41768788	41005492	35156801	7.21%	6.63%	4.96%	4.88%	6.21%
India	327597	1207401	1023245	1268365		0.11%	0.29%	0.15%	0.19%		937804	10414100	10853265	7428855		0.31%	1.15%	1.29%	0.88%	
Israel	1877282	2815309	345736	1841052	4261287	0.62%	0.67%	0.05%	0.27%	1.11%	1739481	2891397	2105644	2258096	1987788	0.57%	0.32%	0.25%	0.27%	0.35%
Japan	66694895	90583148	65583053	66360664		21.87%	21.72%	9.70%	9.87%		21734786	48218296	33125622	33757677		7.13%	5.32%	3.93%	4.02%	
Korea	25704561	78276254	55315321	54903969		8.43%	18.77%	8.18%	8.17%		13181038	37001445	33652915	35264078		4.33%	4.08%	3.99%	4.19%	
Netherlands	7527159	22932585	20297347	14644338		2.47%	5.50%	3.00%	2.18%		6852810	20199336	14744653	11082372		2.25%	2.23%	1.75%	1.32%	
Russia		1166215	681384	691947	717435		0.28%	0.10%	0.10%	0.19%		8754990	8601763	9534249	5542884		0.97%	1.02%	1.13%	0.98%
South Africa	126849	442061	388870	456012	364983	0.04%	0.11%	0.06%	0.07%	0.10%	1492199	4294061	2678076	2636310	2194699	0.49%	0.47%	0.32%	0.31%	0.39%
Sweden	9306396	16824559	5468635	5589204	4331261	3.05%	4.03%	0.81%	0.83%	1.13%	5095489	9263996	4869584	4967682	4684440	1.67%	1.02%	0.58%	0.59%	0.83%
Switzerland	1960229	3108155	2401459	2845540	2283514	0.64%	0.75%	0.36%	0.42%	0.60%	3073498	5139135	3787935	4187784	3530445	1.01%	0.57%	0.45%	0.50%	0.62%
UK	18872895	65291552	11858557	11317540	9938477	6.19%	15.65%	1.75%	1.68%	2.59%	18495232	45794308	20164489	18902649	15084688	6.07%	5.05%	2.39%	2.25%	2.66%
USA	62753701	98092783	50903952	48802628	38804939	20.58%	23.52%	7.53%	7.26%	10.12%	70733016	122765768	90847510	92299607	85127558	23.22%	13.54%	10.78%	10.98%	15.03%
World	30490106 3	41708956 5	675917952	672307324	383529562						304681929	906809549	842935769	840650416	566410960					

Source: WITS online database, (World Bank)

Table 2-6 Trade in Pharmacy: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	964398	3030902	3660812	4221324	4274004	3.54%	10.45%	3.29%	3.30%	3.36%	697165	2223669	2326089	2499050	3348245	0.23%	2.35%	1.93%	2.00%	2.97%
Belgium		6976603	9761065	11029584	14827654		24.04%	8.78%	8.63%	11.65%		5193782	7125004	7212584	10511471		5.50%	5.91%	5.78%	9.32%
Brazil	86053	145468	196837	292839	411295	0.32%	0.50%	0.18%	0.23%	0.32%	568237	1457889	1939526	2485844	2644670	0.19%	1.54%	1.61%	1.99%	2.34%
Canada	249995	1009696	1244725	1311825	1595104	0.92%	3.48%	1.12%	1.03%	1.25%	637739	2151783	2683807	3471026	3840403	0.21%	2.28%	2.23%	2.78%	3.40%
China	724317	2410132	3168312	3790405	4433429	2.66%	8.31%	2.85%	2.97%	3.48%	210967	1160971	1677343	2380313	2894788	0.07%	1.23%	1.39%	1.91%	2.57%
Denmark	1501824	4411529	4765289	5182185	5313369	5.51%	15.20%	4.29%	4.06%	4.18%	345309	590296	679536	777741	933210	0.11%	0.62%	0.56%	0.62%	0.83%
France	2032257	6272540	7345412	9222612	1040076	7.46%	21.62%	6.61%	7.22%	0.82%	2135921	5868705	6522055	7229836	8849060	0.70%	6.21%	5.41%	5.79%	7.84%
Germany	2527459	10628944	13633108	17006879	18956387	9.27%	36.63%	12.26%	13.31%	14.90%	2487217	10503868	13981425	15817507	17016780	0.82%	11.12%	11.60%	12.67%	15.09%
India	290246	1298566	1879945	2384334		1.06%	4.48%	1.69%	1.87%		329498	815291	1089787	1177743		0.11%	0.86%	0.90%	0.94%	
Israel	70140	127474	157315	242661	294075	0.26%	0.44%	0.14%	0.19%	0.23%	74453	164886	154483	185524	250225	0.02%	0.17%	0.13%	0.15%	0.22%
Japan	982244	1207959	1235941	1477145		3.60%	4.16%	1.11%	1.16%		2446362	3296671	3506459	4418576		0.80%	3.49%	2.91%	3.54%	
Korea	187144	324647	420469	566112		0.69%	1.12%	0.38%	0.44%		356945	778465	1004901	1100760		0.12%	0.82%	0.83%	0.88%	
Netherlands	1139988	4136998	5238099	2271485		4.18%	14.26%	4.71%	1.78%		1185576	4415015	6743300	2729368		0.39%	4.67%	5.59%	2.19%	
Russia	68738	85719	118595	105487	104343	0.25%	0.30%	0.11%	0.08%	0.08%	218889	1769643	2050025	2743523	2566569	0.07%	1.87%	1.70%	2.20%	2.28%
South Africa	15171	19542	27735	31012	29615	0.06%	0.07%	0.02%	0.02%	0.02%	224554	322635	374623	393166	464357	0.07%	0.34%	0.31%	0.31%	0.41%
Sweden	399748	2078393	1928331	2051532	1814689	1.47%	7.16%	1.73%	1.61%	1.43%	318773	788389	979270	1099187	1255165	0.10%	0.83%	0.81%	0.88%	1.11%
Switzerland	2378040	13311231	16206752	20535428	20903440	8.72%	45.87%	14.58%	16.08%	16.43%	1077656	6959979	8145776	8945614	7917119	0.35%	7.37%	6.76%	7.17%	7.02%
UK	2329465	7402244	8427068	9012973	9450284	8.55%	25.51%	7.58%	7.06%	7.43%	1541451	6131264	7169613	6991420	7336019	0.51%	6.49%	5.95%	5.60%	6.50%
USA	3994150	12957246	15594394	18268890	20509974	14.65%	44.65%	14.03%	14.30%	16.12%	3150220	12855915	15492846	15584630	16176299	1.03%	13.61%	12.85%	12.49%	14.34%
World	27256229	29017107	111188422	127733823	127246759						304681929	94471026	120561826	124819266	112802996					

Source: WITS online database, (World Bank)

Table 2-7 Trade in Scientific Instruments: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	766080	1899630	1935102	2013095	1654566	1.12%	0.88%	0.81%	0.77%	0.99%	1085643	1946297	1941273	1960969	1602427	1.64%	0.90%	0.82%	0.76%	0.91%
Belgium		1988513	2156793	2658880	2868818		0.92%	0.91%	1.02%	1.72%		2922986	2960560	3350003	3224874		1.35%	1.25%	1.29%	1.82%
Brazil	96980	335343	348828	362,592	295367	0.14%	0.16%	0.15%	0.14%	0.18%	992851	2746276	3253448	4307645	3269018	1.50%	1.27%	1.37%	1.66%	1.85%
Canada	1286323	4051816	2928965	3178275	2596217	1.87%	1.88%	1.23%	1.22%	1.56%	3383680	6557434	5649303	6002462	5235367	5.11%	3.02%	2.38%	2.32%	2.96%
China	1320713	20508092	28617332	33286716	29402244	1.92%	9.52%	12.02%	12.81%	17.68%	2327955	53593011	52674893	59193797	51607226	3.51%	24.71%	22.22%	22.85%	29.17%
Denmark	989500	2182269	2357166	2668393	2332439	1.44%	1.01%	0.99%	1.03%	1.40%	554351	1306754	1273631	1387370	1174162	0.84%	0.60%	0.54%	0.54%	0.66%
France	4269057	10499341	9772399	10,860589	9437654	6.22%	4.87%	4.10%	4.18%	5.67%	4589730	9779866	8875209	9679451	8722995	6.93%	4.51%	3.74%	3.74%	4.93%
Germany	12861005	33159994	30823510	32,704114	28021813	18.74%	15.39%	12.94%	12.58%	16.85%	6685922	15872843	15110958	16259399	14213618	10.09%	7.32%	6.37%	6.28%	8.03%
India	47619	563407	564948	690770		0.07%	0.26%	0.24%	0.27%		546746	2282542	2382124	2876945		0.83%	1.05%	1.00%	1.11%	
Israel	492679	1707195	1328148	1844529	1477402	0.72%	0.79%	0.56%	0.71%	0.89%	472290	1165202	1023895	1032085	828647	0.71%	0.54%	0.43%	0.40%	0.47%
Japan	12480609	25475418	23205578	24039381		18.18%	11.82%	9.74%	9.25%		5733091	16489749	12096622	11783151		8.65%	7.60%	5.10%	4.55%	
Korea	948096	17112604	22446334	26569845		1.38%	7.94%	9.43%	10.22%		4414255	9973989	8197508	8565686		6.66%	4.60%	3.46%	3.31%	
Netherlands	3037103	7784830	838723	9229748		4.42%	3.61%	3.54%	3.55%		2608719	6678419	6847824	7501213		3.94%	3.08%	2.89%	2.90%	
Russia		667380	574873	760287	591611		0.31%	0.24%	0.29%	0.36%		2622074	3908248	5268630	2939346		1.21%	1.65%	2.03%	1.66%
South Africa	72266	197697	170874	221660	238362	0.11%	0.09%	0.07%	0.09%	0.14%	568805	1207848	1048387	1126433	926664	0.86%	0.56%	0.44%	0.43%	0.52%
Sweden	1562673	2472957	2600306	2740410	2634221	2.28%	1.15%	1.09%	1.05%	1.58%	1404434	2382120	2428922	2611696	2221246	2.12%	1.10%	1.02%	1.01%	1.26%
Switzerland	3157445	7581627	7357321	8579728	8012086	4.60%	3.52%	3.09%	3.30%	4.82%	1485842	2811843	2739767	3300385	2881519	2.24%	1.30%	1.16%	1.27%	1.63%
UK	6010485	10932673	10330904	10552479	9184755	8.76%	5.07%	4.34%	4.06%	5.52%	5083435	9249487	8050288	8326808	6953691	7.67%	4.27%	3.40%	3.21%	3.93%
USA	19188169	42879818	34608741	36057145	32893520	27.95%	19.90%	14.53%	13.87%	19.77%	12071941	30958873	30261072	31352630	26554560	18.22%	14.28%	12.76%	12.10%	15.01%
World	68642358	215463469	238144446	259916147	166347003						66252766	216850415	237076087	259014349	176897793					

Source: WITS online database, (World Bank)

Table 2-8 Trade in Electrical Machinery: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	183101	422831	435768	471542	396399	0.85%	0.66%	0.77%	0.80%	1.12%	224618	467734	508364	562066	459266	0.98%	0.76%	0.87%	0.93%	1.19%
Belgium		751196	771943	784926	507913		1.17%	1.36%	1.34%	1.44%		889715	733243	775521	503702		1.46%	1.25%	1.28%	1.31%
Brazil	16950	85619	74876	78462	68279	0.08%	0.13%	0.13%	0.13%	0.19%	319649	370367	313283	619077	502639	1.40%	0.61%	0.54%	1.02%	1.30%
Canada	304114	882836	826831	735855	678257	1.41%	1.37%	1.46%	1.25%	1.92%	550087	690525	826680	824428	726573	2.41%	1.13%	1.41%	1.36%	1.88%
China	689919	5145733	6681509	8513644	8081233	3.19%	7.99%	11.80%	14.48%	22.87%	690092	7676934	7646143	7503484	6435419	3.02%	12.56%	13.07%	12.41%	16.68%
Denmark	99564	171249	177798	183384	193109	0.46%	0.27%	0.31%	0.31%	0.55%	102513	213921	230649	254749	222229	0.45%	0.35%	0.39%	0.42%	0.58%
France	626776	648633	763357	771733	747673	2.90%	1.01%	1.35%	1.31%	2.12%	1000901	1469232	1483368	1746384	1265992	4.39%	2.40%	2.53%	2.89%	3.28%
Germany	2001326	5754904	4854171	5335250	4149234	9.26%	8.93%	8.58%	9.08%	11.74%	2377247	4943442	3813398	3907999	3204317	10.42%	8.09%	6.52%	6.46%	8.30%
India	5950	45669	46831	45900		0.03%	0.07%	0.08%	0.08%		51458	385742	470040	367613		0.23%	0.63%	0.80%	0.61%	
Israel	413606	5979009	435175	644706	464212	1.91%	9.28%	0.77%	1.10%	1.31%	565549	4863962	280262	247338	166966	2.48%	7.96%	0.48%	0.41%	0.43%
Japan	5396108	8267644	8522262	7949993		24.98%	12.84%	15.06%	13.52%		1851692	3325876	2891378	2837554		8.12%	5.44%	4.94%	4.69%	
Korea	413606	5979009	1597561	1962224		1.91%	9.28%	2.82%	3.34%		565549	4863962	3742054	4030507		2.48%	7.96%	6.39%	6.67%	
Netherlands	623465	918789	1352711	1693445		2.89%	1.43%	2.39%	2.88%		548275	950287	1082306	1466727		2.40%	1.55%	1.85%	2.43%	
Russia		152622	96140	225113	102850		0.24%	0.17%	0.38%	0.29%		224034	303810	446837	264854		0.37%	0.52%	0.74%	0.69%
South Africa	31421	57958	52694	50900	30846	0.15%	0.09%	0.09%	0.09%	0.09%	211005	148626	162539	153356	166434	0.92%	0.24%	0.28%	0.25%	0.43%
Sweden	109021	279468	295869	368124	319618	0.50%	0.43%	0.52%	0.63%	0.90%	268637	363902	339769	391769	318561	1.18%	0.60%	0.58%	0.65%	0.83%
Switzerland	291828	477006	465808	521606	415541	1.35%	0.74%	0.82%	0.89%	1.18%	237895	346478	398310	459031	397750	1.04%	0.57%	0.68%	0.76%	1.03%
UK	1844941	2271081	2011513	2013924	1781965	8.54%	3.53%	3.55%	3.43%	5.04%	1842991	2225913	1819716	1487932	1158668	8.08%	3.64%	3.11%	2.46%	3.00%
USA	2759945	7311178	4891577	4515198	3545841	12.77%	11.35%	8.64%	7.68%	10.03%	3963065	7378444	7010795	7029281	6184668	17.37%	12.07%	11.98%	11.63%	16.03%
World	21606024	64410826	56605310	58786893	35339397						22817676	61142098	58521046	60457061	38584702					

Source: WITS online database, (World Bank)

Table 2-9 Trade in Non-electrical Machinery: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	177514	402682	606342	749441	432848	1.06%	0.95%	1.39%	1.47%	1.20%	97931	220589	257547	310351	264417	0.64%	0.60%	0.66%	1.47%	0.92%
Belgium		1253077	1110111	1475965	1051891		2.96%	2.55%	2.90%	2.92%		430832	515224	321090	462413		1.17%	1.32%	1.52%	1.61%
Brazil	10753	10696	19887	27614	17668	0.06%	0.03%	0.05%	0.05%	0.05%	246736	242807	352850	421114	409387	1.60%	0.66%	0.90%	2.00%	1.43%
Canada	220510	453979	493792	685064	792,196	1.32%	1.07%	1.13%	1.35%	2.20%	434158	524869	1102356	354386	1039168	2.82%	1.43%	2.82%	1.68%	3.62%
China	21408	473767	542059	878320	766924	0.13%	1.12%	1.24%	1.73%	2.13%	533584	3433478	2760687	2434237	2363439	3.46%	9.36%	7.06%	11.53%	8.23%
Denmark	21408	473767	62265	70623	29861	0.13%	1.12%	0.14%	0.14%	0.08%	533584	3433478	100210	71033	49388	3.46%	9.36%	0.26%	0.34%	0.17%
France	1351711	1664504	2085007	2995576	2316497	8.08%	3.93%	4.78%	5.88%	6.43%	952858	1553940	1886367	1936412	2695268	6.18%	4.24%	4.83%	9.17%	9.38%
Germany	2361217	5508866	6254833	6981740	6400550	14.11%	13.02%	14.35%	13.72%	17.78%	1548386	3295230	3315560	1966068	2894299	10.04%	8.98%	8.48%	9.31%	10.07%
India	6089	31057	159901	194874		0.04%	0.07%	0.37%	0.38%		147409	294587	387709	282832		0.96%	0.80%	0.99%	1.34%	
Israel	13351	257404	320750	246179	149769	0.08%	0.61%	0.74%	0.48%	0.42%	75439	105292	104597	74959	186237	0.49%	0.29%	0.27%	0.36%	0.65%
Japan	2188918	4523179	3574180	4267477		13.08%	10.69%	8.20%	8.38%		994944	1566634	1172159	391050		6.45%	4.27%	3.00%	1.85%	
Korea	74	95908	352145	421603		0.00%	0.23%	0.81%	0.83%		2453	1320540	795398	517793		0.02%	3.60%	2.04%	2.45%	
Netherlands	349822	755496	942681	1101535		2.09%	1.79%	2.16%	2.16%		409209	624674	636532	368354		2.65%	1.70%	1.63%	1.75%	
Russia	610	3160	1030212	1445762	1327720	0.00%	0.01%	2.36%	2.84%	3.69%	36275	46627	754514	882299	1074452	0.24%	0.13%	1.93%	4.18%	3.74%
South Africa	4887	4991	11824	10770	13657	0.03%	0.01%	0.03%	0.02%	0.04%	73406	472280	185679	134325	88649	0.48%	1.29%	0.48%	0.64%	0.31%
Sweden	445566	1272060	1756814	1394080	1297496	2.66%	3.01%	4.03%	2.74%	3.60%	262995	459927	542471	419763	542173	1.71%	1.25%	1.39%	1.99%	1.89%
Switzerland	1412849	2661675	3324325	3750558	2971675	8.44%	6.29%	7.62%	7.37%	8.25%	417593	746818	787280	370130	1037204	2.71%	2.04%	2.01%	1.75%	3.61%
UK	1333042	2898751	2859719	3085070	3041912	7.96%	6.85%	6.56%	6.06%	8.45%	1231831	2393452	1859592	473090	2068521	7.99%	6.52%	4.76%	2.24%	7.20%
USA	4526901	11097480	9392958	10134112	8512725	27.05%	26.23%	21.54%	19.91%	23.64%	1806362	3808446	4041874	1667262	3974003	11.72%	10.38%	10.34%	7.90%	13.83%
World	16737317	42303608	43601172	50902649	36004215						15419201	36688437	39078065	21107773	28728252					

Source: WITS online database, (World Bank)

Table 2-10 Trade in Chemicals: Stylized Facts

(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports					Imports in Value					Share in Global Imports				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	32608	174872	264933	302552	272092	0.16%	0.41%	0.51%	0.47%	0.65%	298100	324118	490967	302552	426896	1.37%	0.69%	0.83%	0.83%	0.95%
Belgium		1667673	2121514	2832510	2373045		3.89%	4.05%	4.39%	5.63%		1934960	2167803	2832510	2328658		4.13%	3.66%	3.63%	5.16%
Brazil	167466	506171	834085	1002453	824899	0.81%	1.18%	1.59%	1.55%	1.96%	326500	582260	1137842	1002453	1660111	1.50%	1.24%	1.92%	2.71%	3.68%
Canada	326500	582260	3309612	2423915	1603936	1.57%	1.36%	6.32%	3.75%	3.81%	312442	921135	1889556	2423915	2080396	1.44%	1.97%	3.19%	4.94%	4.61%
China	1281946	4364805	5905633	7389694	3850218	6.18%	10.18%	11.27%	11.45%	9.14%	566280	1777543	2730637	7389694	3499429	2.61%	3.80%	4.61%	8.37%	7.75%
Denmark	24693	151187	247160	387067	343695	0.12%	0.35%	0.47%	0.60%	0.82%	176340	229880	302433	387067	299171	0.81%	0.49%	0.51%	0.63%	0.66%
France	1356769	4229369	5582871	7758544	6070587	6.54%	9.87%	10.66%	12.02%	14.41%	2570426	3909798	4751194	7758544	5871585	11.84%	8.35%	8.02%	7.66%	13.00%
Germany	2498919	4387025	4976205	7202341	6503304	12.05%	10.23%	9.50%	11.16%	15.44%	1482105	3598257	5255782	7202341	5035235	6.83%	7.68%	8.87%	10.81%	11.15%
India	160225	1032173	1066698	1431210		0.77%	2.41%	2.04%	2.22%		76165	375916	388897	654752		0.35%	0.80%	0.66%	1.01%	
Israel	110429	505904	8626	818944	575736	0.53%	1.18%	0.02%	1.27%	1.37%	105149	151447	187906	818944	150171	0.48%	0.32%	0.32%	0.29%	0.33%
Japan			1895068	2404369				3.62%	3.72%				5172832	2404369				8.73%	9.55%	
Korea	125546	1183552	1400506	2100697		0.61%	2.76%	2.67%	3.25%		411682	1083862	1525593	2100697		1.90%	2.31%	2.58%	3.22%	
Netherlands	996574	2431826	2803639	2881093		4.80%	5.67%	5.35%	4.46%		679126	1639079	2320796	2881093		3.13%	3.50%	3.92%	2.85%	
Russia	470342	309712	358379	506820	419250	2.27%	0.72%	0.68%	0.79%	1.00%	237636	999893	1227589	506820	1061586	1.09%	2.14%	2.07%	2.35%	2.35%
South Africa	291524	459821	522271	580126	397439	1.41%	1.07%	1.00%	0.90%	0.94%	129499	228641	245269	580126	310256	0.60%	0.49%	0.41%	0.48%	0.69%
Sweden	63624	82419	192219	182993	66519	0.31%	0.19%	0.37%	0.28%	0.16%	375432	603773	1201720	182993	888268	1.73%	1.29%	2.03%	1.84%	1.97%
Switzerland	740750	780384	990949	1169184	875979	3.57%	1.82%	1.89%	1.81%	2.08%	241090	365193	452932	1169184	368239	1.11%	0.78%	0.76%	0.73%	0.82%
UK	1996915	1422291	1630102	1763081	1617715	9.63%	3.32%	3.11%	2.73%	3.84%	1281597	2147771	2129328	1763081	2297060	5.90%	4.59%	3.59%	4.37%	5.09%
USA	3212498	6294093	7845255	8195815	7515598	15.49%	14.68%	14.97%	12.69%	17.84%	2161109	6727798	8304700	8195815	6881421	9.95%	14.37%	14.02%	13.80%	15.24%
World	20743063	42863482	52393776	64560336	42127342						21715194	46823614	59235538	64560336	45156560					

Source: WITS online database, (World Bank)

Table 2-11 Trade in Armaments: Stylized Facts
(Thousand dollars and percentage)

Country	Exports in Value					Share in Global Exports (in percentage)					Imports in Value					Share in Global Imports (in percentage)				
	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009	1995	2006	2007	2008	2009
Austria	32530	38525	64943	85828	58000	0.42	0.47	0.68	0.82	0.58	29025	33757	38579	49806	45800	0.62	0.49	0.43	0.50	0.54
Belgium		65999	104998	110596	101740		0.80	1.11	1.06	1.03		42696	55773.40 6	76845	77711		0.62	0.62	0.78	0.91
Brazil	76421	132544	199688	258075	334840	0.99	1.61	2.11	2.47	3.37	3937	14400	9457	22246	64478	0.08	0.21	0.10	0.23	0.75
Canada	372397	547106	667525	734221	895029	4.81	6.64	7.04	7.02	9.02	349735	504605	572444	614444	672944	7.53	7.28	6.33	6.22	7.88
China	26282	38718	58722	77321	63539	0.34	0.47	0.62	0.74	0.64	1176	2073	2070	2987	4867	0.03	0.03	0.02	0.03	0.06
Denmark	9154	34551	53864	67389	52889	0.12	0.42	0.57	0.64	0.53	17400	130871	232167	315652	53644	0.37	1.89	2.57	3.19	0.63
France	148007	396455	441317	478744	380393	1.91	4.81	4.65	4.57	3.83	110529	144620	186874	266101	175595	2.38	2.09	2.07	2.69	2.06
Germany	272133	378266	457777	524542	508924	3.51	4.59	4.83	5.01	5.13	167534	124387	160861	189421	181311	3.61	1.79	1.78	1.92	2.12
India	325	4363	4320	43528		0.00	0.05	0.05	0.42		498	3214	5776	15918		0.01	0.05	0.06	0.16	
Israel	2352	1741	19874	261508	410550	0.03	0.02	0.21	2.50	4.14						0.03	0.02			
Japan	90296	83596	92478	100320		1.17	1.01	0.97	0.96		346807	167803	159916	523222		7.46	2.42	1.77	5.29	
Korea	48499	125307	167421	241098		0.63	1.52	1.77	2.30		959695	309688	416679	530655		20.65	4.47	4.61	5.37	
Netherlands	176601	26524	2656	2169		2.28	0.32	0.03	0.02		127841	178697	10123	10186		2.75	2.58	0.11	0.10	
Russia		32164					0.39					11699					0.17			
South Africa	4822					0.06										0.06				
Sweden	25283	57040	81958	84260	134406	0.33	0.69	0.8	0.81	1.35	37821	33615	49572	60142	48079	0.81	0.48	0.55	0.61	0.56
Switzerland	67676	245614	294750	214186	527889	0.87	2.98	3.11	2.05	5.32	153741	258886	198796	214186	278107	3.31	3.73	2.20	2.17	3.25
UK	1181982	153256	144775	133569	117374	15.26	1.86	1.53	1.28	1.18	536152	164000	249479	305739	279901	11.54	2.36	2.76	3.09	3.28
USA	4308178	3790974	4096571	3938548	4291953	55.61	45.99	43.1	37.63	43.25	722776	2290776	3060209	3,357407	4155443	15.55	33.03	33.86	33.97	48.63
World	7746485	8242739	9485178	10466294	9924369						4646977	6935586	9038491	9883027	8544190					

Source: WITS online database, (World Bank)

