

***Export Competiveness of Carded Cotton Yarn HS  
520513: (85% 25.41-30.73)***



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## **Preface**

The Textiles Committee has been providing valuable databases on different facts of T&C industry to the industry stakeholders and policy makers for deriving well informed policy decision & business strategy. Due to the onslaught of RTA, FTA & Multilateral Trade Agreements under the framework of WTO, the competition among the textile exporting countries has also been growing giving rise to challenges in the form of price and quality competitiveness. To deal with the situation successfully countries, may requires comprehensive product wise database on production, export, import, cost competitiveness etc.

In order to support the trade & industry through analysis and dissemination, the Textiles committee is preparing a comprehensive database on the different facets of the textiles sector like production, demand, exports, cost of production, tariffs etc. , through Market Intelligence in Textiles (MIT).

This discussion paper “Export Competiveness of Carded Cotton Yarn HS 520513: (85% 25.41-30.73)” attempts to delineate the global players in this product through their global exports, imports vis-e-vis India. Efforts are made to present the information in user friendly format. I hope this paper will be useful to the readers and help in understanding the international trade in Cotton Yarn (HS 520513) in a better way. The valued suggestions and comments from the readers are welcome.

I appreciate the efforts put in by Shri T.K Rout, Deputy Director, Ms Deepti Lahane, Research Associate and the team of researcher who have been instrumental to bring out this data base series.

Place: Mumbai

(Dr. P. Nayak)

# Contents

| S. No | Particulars  | Page No. |
|-------|--|----------|
| I.    | Introduction   | 1        |
| II.   | Objective  | 1        |
| III.  | Methodology  | 1        |
| IV.   | Limitations  | 1        |
| V.    | Top exporters of 520513 (Value and Volume wise analysis) | 2-4      |
| VI.   | Top importers of 520513 (Value and Volume wise analysis) | 5-7      |
| VII.  | Importance in Cotton Yarn basket                         | 8-12     |
|       | Analysis for Importance                                  | 8        |
|       | Market share of top exporters in top import markets      | 9        |
|       | UVR of top exporters in top import destinations          | 9        |
|       | Top exporters CAGR in top Import markets                 | 10       |
|       | Top exporters RCA (2004-12)                              | 11       |
|       | Top exporters UVR (2004-12)                              | 11       |
| VIII. | Target countries for Export                              | 12       |
| IX.   | Findings   | 13       |

# List of tables and figures

| S. No      | Table/ Figure Particulars   | Page No. |
|------------|---|----------|
| Table 1.1  | Top exporters of 520513 value wise (2004-2012)  | 2        |
| Figure (a) | Graphical representation of top exporters of 520513 value wise (Mn USD)                             | 2        |
| Figure (b) | Performance of top exporters of 520513 from 2004-2012 (Value wise)                                  | 3        |
| Table 1.2  | Top exporters of 520513 volume wise   | 3        |
| Figure (c) | Graphical representation of top exporters of 520513 volume wise (Mn Kg)                             | 4        |
| Figure (d) | Performance of top exporters of 520513 from 2004-2012 (Volume wise)                                 | 4        |
| Table 1.3  | Top importers of 520513 value wise  | 5        |
| Figure (e) | Graphical representation of top importers of 520513 value wise (Mn USD)                             | 5        |
| Figure (f) | Performance of top importers of 520513 from 2004-2012 (Value wise)                                  | 6        |
| Table 1.4  | Top importers of 520513 volume wise   | 6        |
| Figure (g) | Graphical representation of top importers of 520513 volume wise (Mn Kg)                             | 7        |
| Figure (h) | Performance of top importers of 520513 from 2004-2012 (Volume Wise)                                 | 7        |
| Table 1.5  | Analysis for Importance of 520513 in Cotton Yarn Basket of top Importers:<br>2012 (Value in Mn USD) | 8        |
| Table 1.6  | Market Share (%) of top exporters in top Import markets :2012                                       | 9        |
| Table 1.7  | UVR of Top Exporters in top import destinations: 2012   | 9        |
| Table 1.8  | Top exporters CAGR in Top importers market (2004-2012)  | 10       |
| Table 1.9  | Top exporters RCA in 520513 in the world (2004-2012)  | 11       |
| Table 1.10 | UVR of Top exporters in 520513 in the world (2004-2012)   | 11       |
| Table 1.11 | Target countries for export in the world (Value in Mn USD)  | 12       |

## **I. Introduction**

- The product: 520513 belong to the carded cotton yarn segment having cotton content more than 85% and a count of 25.41-30.73. It has a percentage share of 3.83% in total cotton yarn imports in the world.
- The total export value of this product in the world is 611.44 Mn USD (2012) and the total import value is 458.81 Mn USD (2012). United States is the leading exporter of this product in the world with an export value of 247.40 Mn USD (2012) and a market share of 40.46%. India stands at number 2 position with an export value of 106.83 Mn USD (2012) and a market share of 17.47%.

## **II. Objective**

1. To understand the importance of 520513 in world cotton yarn trade.
2. To study the performance of top exporters and top importers of 520513 in the world.
3. To study the performance of top exporters in top import markets.
4. To find out target countries for export of 520513 in terms of volume and growth of market.

## **III. Methodology**

- To fulfil the above objectives, we will consider the parameters of CAGR, % Share, RCA and UVR. The period taken into consideration is from 2004-2012.
- The data has been collected from various secondary sources like WITS, Ministry of Textiles, and Office of Textile Commissioner etc.
- The generated tables have been illustrated through the help of graphs/pie-charts/histograms wherever required.

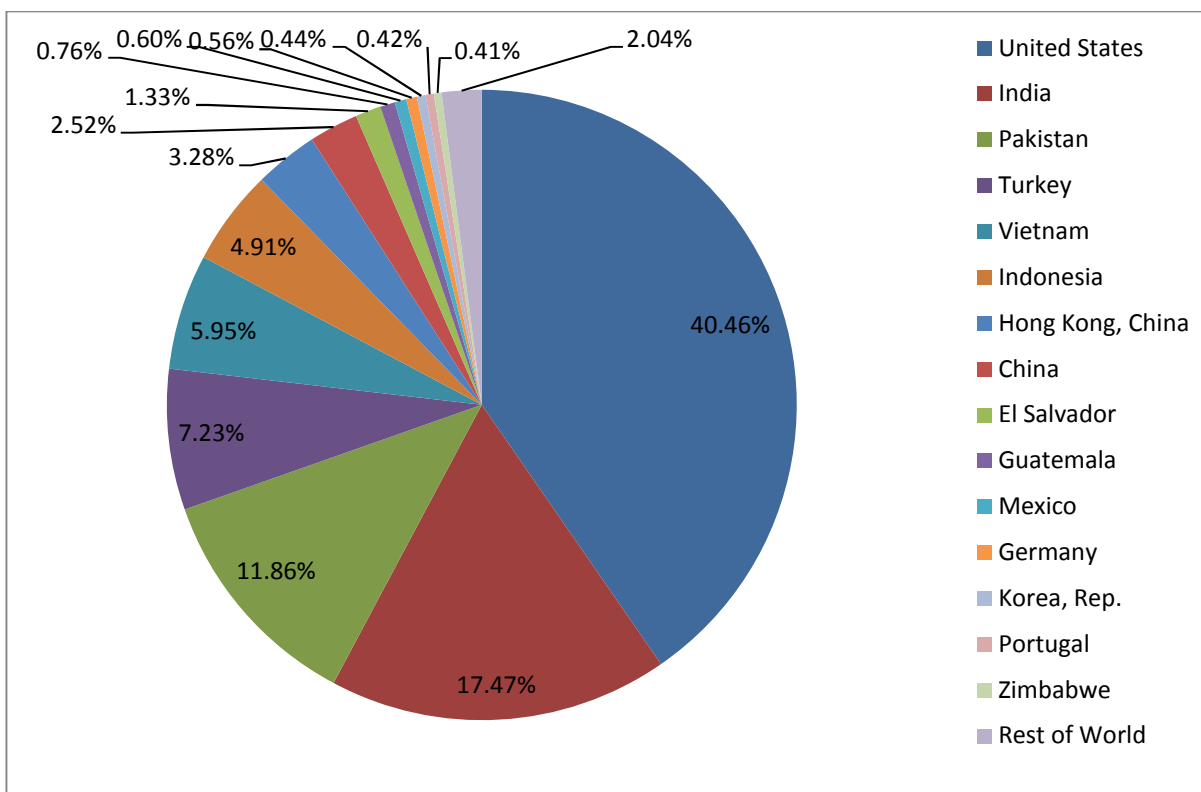
## **IV. Limitations**

- The sources of data are limited to secondary sources of collection like internet, international trade data websites, published reports etc. Therefore the accuracy of the report depends on the data collected from the secondary sources.
- There are only two sites available for export import data in international trade - WITS and ITC, Geneva. There is no other available source to validate the data collected from these sites. Hence, we have assumed that the export import figures as reported by these two websites are genuine and correct.
- The export import data collected from these websites show a significant gap, as in the export figure reported by the exporting country is not equal to the import figure reported by the importing country. Due to such differences, it is difficult to estimate the actual growth in exports/imports.
- Also, some of the data are missing for certain countries which do not allow us to present a clear trade picture.

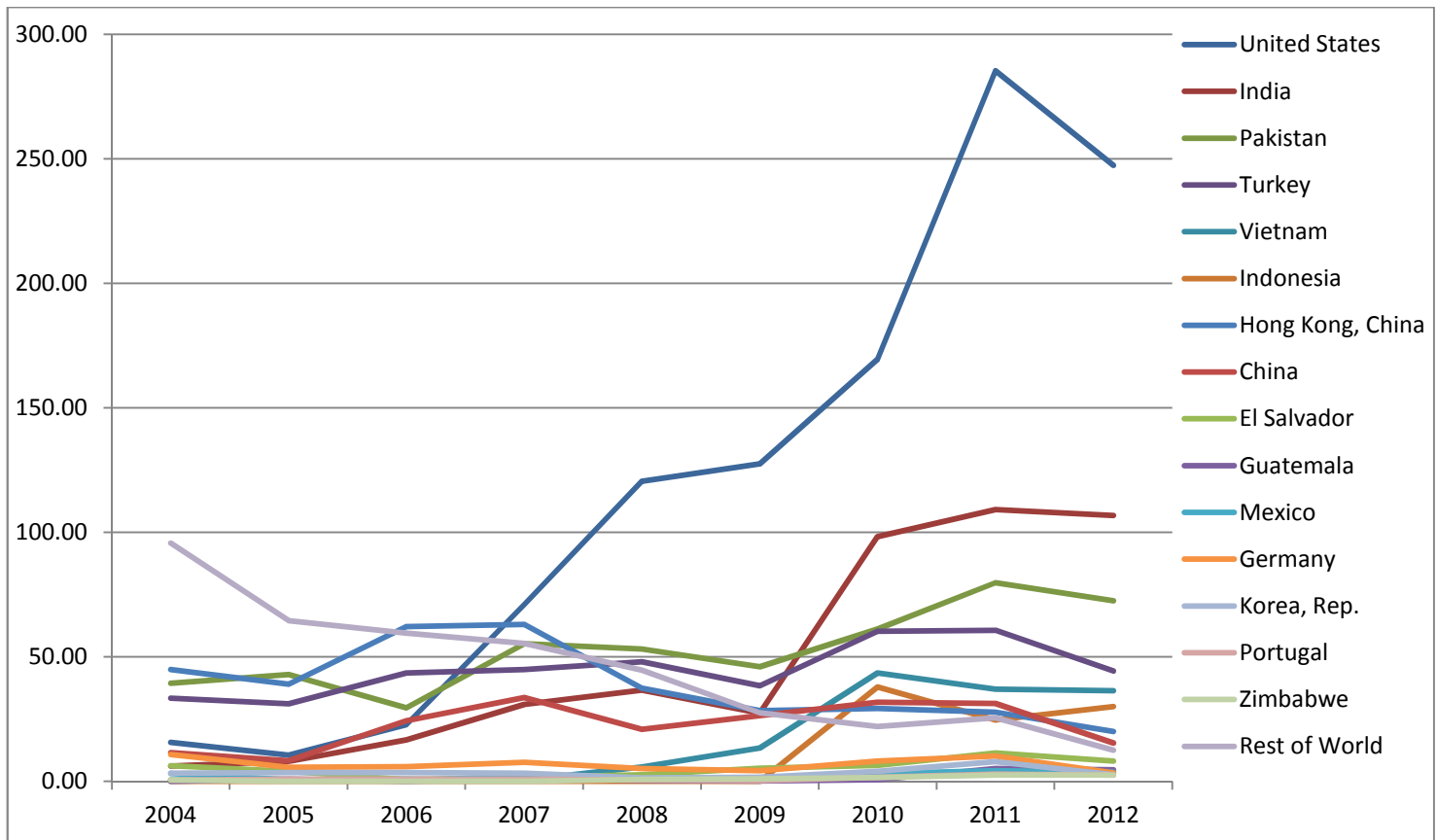
## V. Top Exporters (Value wise in Mn USD)

| Table 1.1- Top exporters of 520513 (Value wise in Mn USD) |        |        |        |        |        |        |        |        |        |         |         |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Top Exporters   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | % Share | CAGR    |
| United States   | 15.72  | 10.48  | 22.83  | 71.06  | 120.51 | 127.52 | 169.56 | 285.33 | 247.40 | 40.46%  | 41.12%  |
| India   | 6.19   | 8.06   | 16.70  | 30.86  | 36.61  | 27.47  | 98.26  | 109.18 | 106.83 | 17.47%  | 42.75%  |
| Pakistan  | 39.41  | 42.89  | 29.51  | 55.32  | 53.11  | 46.06  | 61.14  | 79.77  | 72.50  | 11.86%  | 7.92%   |
| Turkey  | 33.36  | 31.21  | 43.53  | 44.90  | 48.00  | 38.37  | 60.26  | 60.67  | 44.22  | 7.23%   | 3.59%   |
| Vietnam   | 0.54   | 0.70   | 0.88   | 0.56   | 5.80   | 13.43  | 43.52  | 36.98  | 36.37  | 5.95%   | 69.34%  |
| Indonesia   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 37.96  | 24.65  | 30.04  | 4.91%   | -11.04% |
| Hong Kong   | 44.94  | 39.02  | 62.12  | 62.99  | 37.46  | 28.42  | 29.32  | 27.85  | 20.03  | 3.28%   | -9.61%  |
| China   | 11.60  | 8.30   | 24.34  | 33.61  | 20.94  | 26.39  | 31.75  | 31.33  | 15.43  | 2.52%   | 3.63%   |
| El Salvador   | 6.29   | 4.04   | 0.69   | 1.68   | 2.67   | 5.27   | 6.42   | 11.46  | 8.13   | 1.33%   | 3.27%   |
| Guatemala   | 0.02   | 0.88   | 0.00   | 1.09   | 0.46   | 0.16   | 0.67   | 5.20   | 4.67   | 0.76%   | 104.90% |
| Mexico  | 3.15   | 0.66   | 0.39   | 1.90   | 0.88   | 0.71   | 3.13   | 4.26   | 3.68   | 0.60%   | 1.97%   |
| Germany   | 10.79  | 5.62   | 5.87   | 7.66   | 5.17   | 4.23   | 8.13   | 10.21  | 3.40   | 0.56%   | -13.43% |
| Korea, Rep.   | 3.32   | 3.53   | 3.55   | 3.24   | 1.37   | 1.69   | 4.01   | 7.94   | 2.72   | 0.44%   | -2.49%  |
| Portugal  | 0.59   | 0.91   | 0.86   | 0.98   | 0.50   | 0.34   | 1.61   | 2.88   | 2.55   | 0.42%   | 20.05%  |
| Zimbabwe  | 0.57   | 0.00   | 0.00   | 0.00   | 0.81   | 1.10   | 1.56   | 2.52   | 2.48   | 0.41%   | 20.27%  |
| Rest of World   | 95.60  | 64.59  | 59.48  | 55.41  | 44.67  | 27.51  | 22.01  | 25.57  | 12.48  | 2.04%   | -22.47% |
| Total   | 265.75 | 216.71 | 262.82 | 364.36 | 375.65 | 344.84 | 576.49 | 723.15 | 611.44 | 100.00% | 10.98%  |

Figure (a) - Graphical representation of top exporters of 520513 (Market Share Value wise)



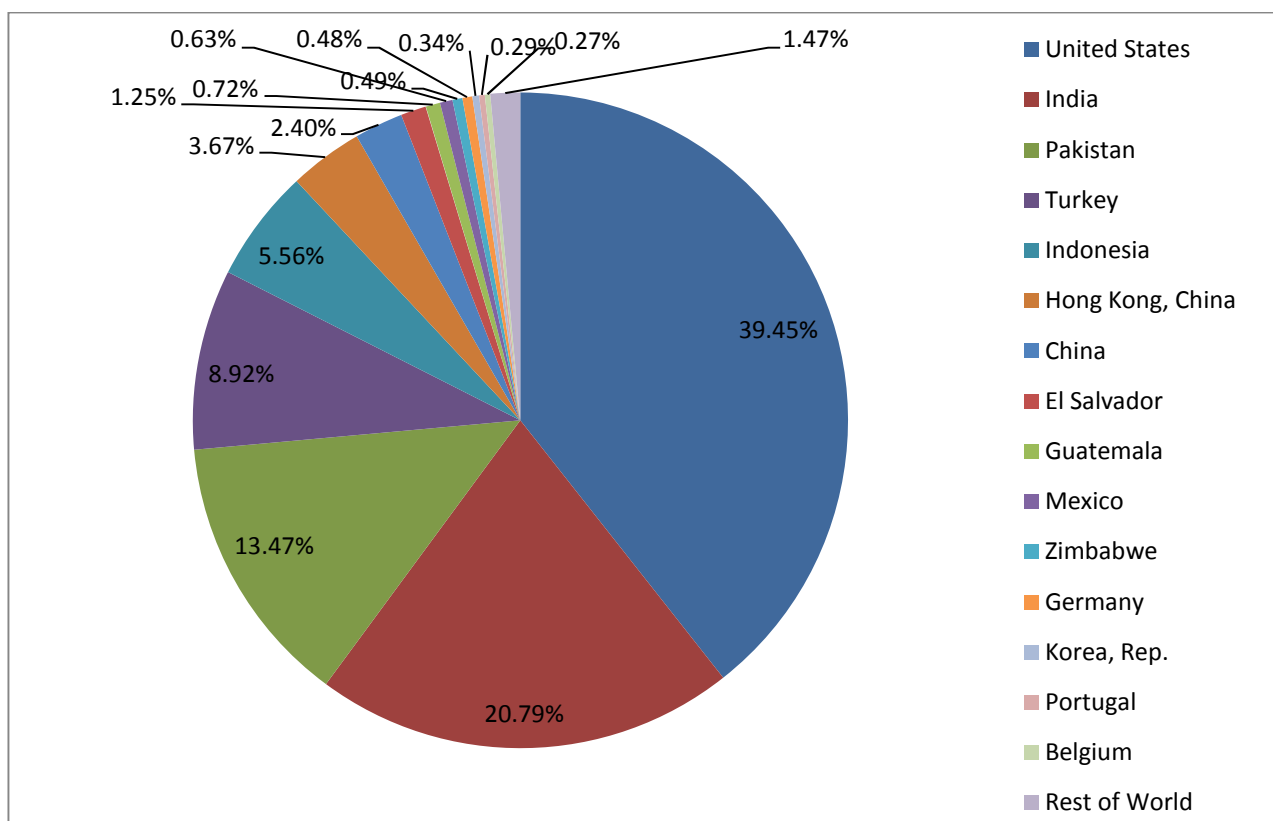
**Figure (b) – Performance of top exporters of 520513 from 2004-2012 (Value wise)**



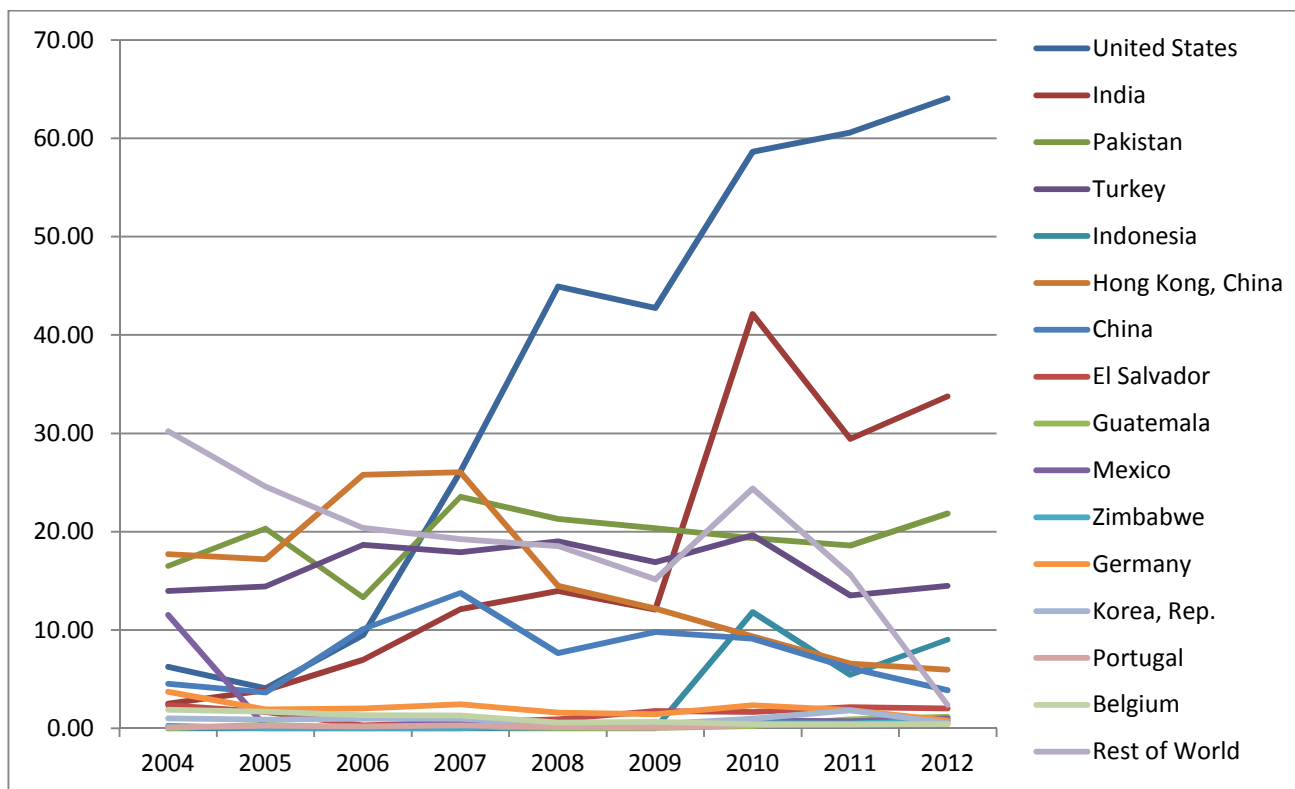
**Top Exporters (Volume Wise in Mn Kg)**

| Table 1.2- Top exporters of 520513 (Volume wise in Mn Kg) |               |              |               |               |               |               |               |               |               |               |              |
|---|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Top Exporters   | 2004          | 2005         | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | % Share       | CAGR         |
| United States   | 6.26          | 4.07         | 9.49          | 26.10         | 44.93         | 42.75         | 58.63         | 60.56         | 64.05         | 39.45         | 33.74%       |
| India   | 2.51          | 3.88         | 6.99          | 12.13         | 13.98         | 12.08         | 42.13         | 29.43         | 33.75         | 20.79         | 38.36%       |
| Pakistan  | 16.51         | 20.33        | 13.31         | 23.53         | 21.30         | 20.34         | 19.34         | 18.59         | 21.87         | 13.47         | 3.58%        |
| Turkey  | 13.98         | 14.41        | 18.66         | 17.92         | 19.02         | 16.90         | 19.64         | 13.52         | 14.49         | 8.92          | 0.44%        |
| Indonesia   | 0.00          | 0.00         | 0.00          | 0.00          | 0.00          | 0.00          | 11.83         | 5.45          | 9.04          | 5.56          | -12.62%      |
| Hong Kong   | 17.70         | 17.21        | 25.77         | 26.04         | 14.48         | 12.17         | 9.36          | 6.60          | 5.96          | 3.67          | -12.72%      |
| China   | 4.53          | 3.67         | 10.10         | 13.78         | 7.66          | 9.81          | 9.12          | 6.14          | 3.90          | 2.40          | -1.85%       |
| El Salvador   | 2.36          | 1.67         | 0.30          | 0.64          | 0.91          | 1.79          | 1.67          | 2.15          | 2.04          | 1.25          | -1.82%       |
| Guatemala   | 0.01          | 0.39         | 0.00          | 0.19          | 0.06          | 0.05          | 0.23          | 0.93          | 1.17          | 0.72          | 79.66%       |
| Mexico  | 11.53         | 0.21         | 0.12          | 0.68          | 0.35          | 0.21          | 0.83          | 0.73          | 1.02          | 0.63          | -26.17%      |
| Zimbabwe  | 0.26          | 0.00         | 0.00          | 0.00          | 0.53          | 0.52          | 0.52          | 0.51          | 0.79          | 0.49          | 14.72%       |
| Germany   | 3.73          | 1.94         | 2.03          | 2.47          | 1.60          | 1.46          | 2.34          | 1.87          | 0.78          | 0.48          | -17.73%      |
| Korea, Rep.   | 1.02          | 0.91         | 0.99          | 0.97          | 0.39          | 0.45          | 0.98          | 1.84          | 0.54          | 0.34          | -7.50%       |
| Portugal  | 0.11          | 0.29         | 0.20          | 0.31          | 0.13          | 0.08          | 0.33          | 0.41          | 0.47          | 0.29          | 19.75%       |
| Belgium   | 1.91          | 1.69         | 1.34          | 1.31          | 0.59          | 0.68          | 0.45          | 0.39          | 0.43          | 0.27          | -17.00%      |
| Rest of World   | 30.21         | 24.57        | 20.40         | 19.24         | 18.52         | 15.14         | 24.40         | 15.64         | 2.39          | 1.47          | -27.19%      |
| <b>Total</b>  | <b>111.22</b> | <b>94.13</b> | <b>107.92</b> | <b>143.57</b> | <b>143.63</b> | <b>133.46</b> | <b>201.16</b> | <b>164.22</b> | <b>162.38</b> | <b>100.00</b> | <b>4.84%</b> |

**Figure (c) - Graphical representation of top exporters of 520513 (Market Share Volume wise)**



**Figure (d) - Performance of top exporters of 520513 from 2004-2012 (Volume wise)**

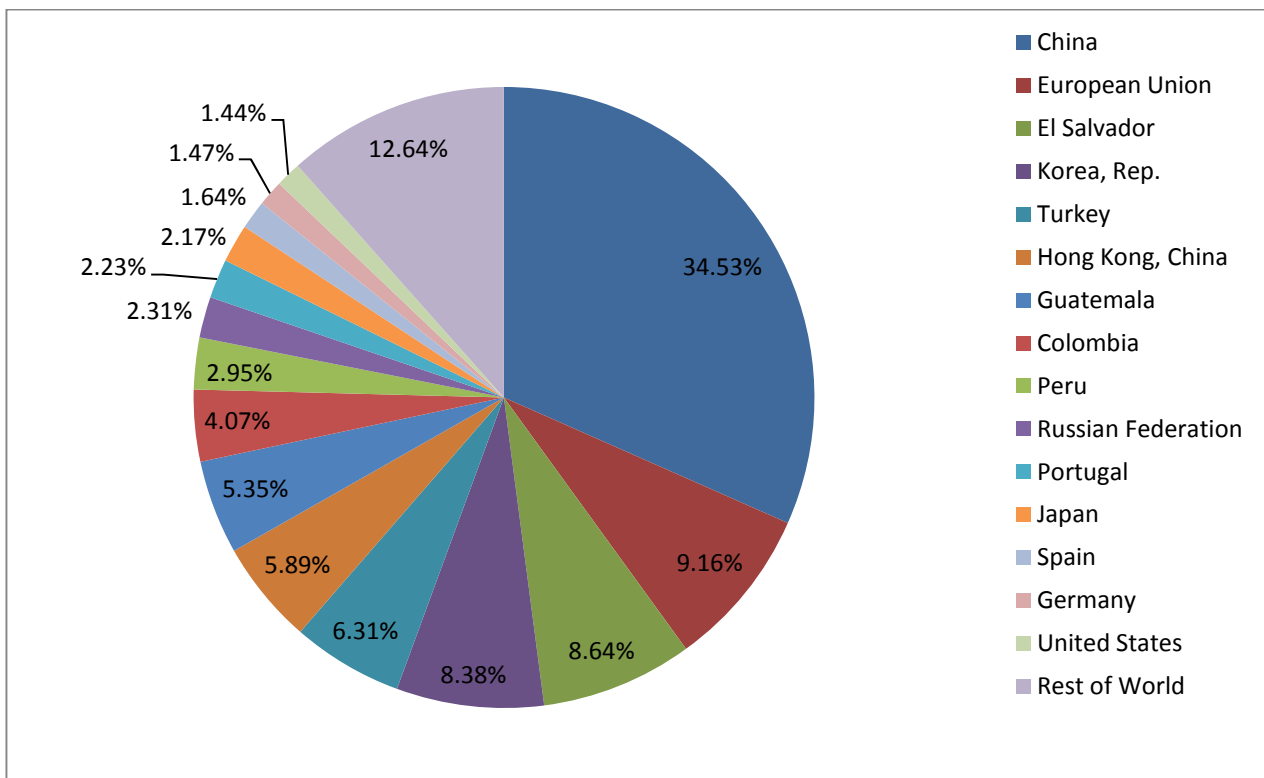




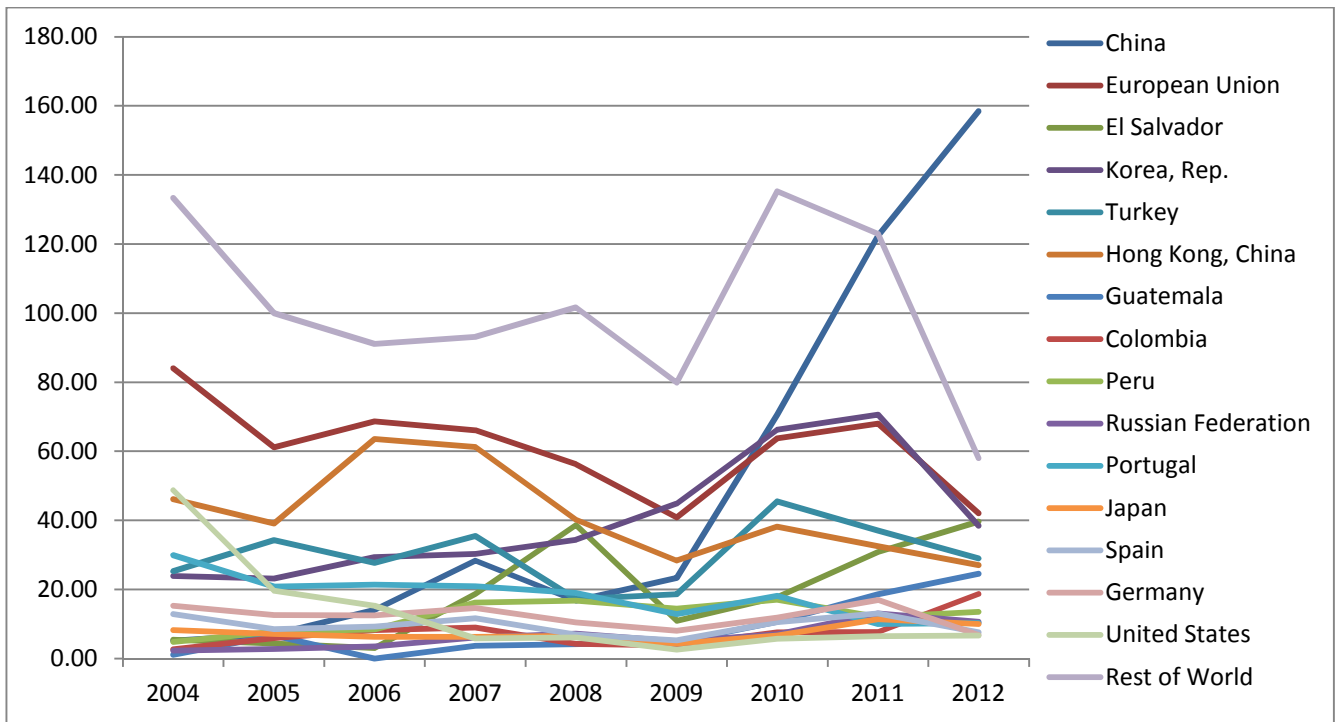
## VI. Top Importers (Value wise in Mn USD)

| Top Importers      | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | %Share | CAGR    |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| China              | 5.18   | 7.03   | 14.06  | 28.32  | 16.75  | 23.34  | 70.56  | 122.39 | 158.43 | 34.53  | 53.35%  |
| European Union     | 84.02  | 61.16  | 68.64  | 66.07  | 56.24  | 40.86  | 63.77  | 68.02  | 42.01  | 9.16   | -8.30%  |
| El Salvador        | 5.49   | 4.37   | 3.06   | 18.71  | 38.66  | 10.94  | 17.74  | 30.84  | 39.64  | 8.64   | 28.04%  |
| Korea, Rep.        | 23.89  | 23.15  | 29.32  | 30.27  | 34.32  | 44.85  | 66.24  | 70.63  | 38.43  | 8.38   | 6.12%   |
| Turkey             | 25.23  | 34.28  | 27.68  | 35.46  | 17.21  | 18.60  | 45.44  | 37.07  | 28.95  | 6.31   | 1.73%   |
| Hong Kong          | 46.15  | 39.10  | 63.52  | 61.27  | 40.18  | 28.30  | 38.19  | 32.47  | 27.00  | 5.89   | -6.48%  |
| Guatemala          | 1.07   | 6.65   | 0.01   | 3.71   | 4.11   | 4.78   | 10.64  | 18.64  | 24.54  | 5.35   | 47.93%  |
| Colombia           | 2.66   | 5.91   | 8.26   | 8.92   | 4.28   | 3.82   | 7.57   | 7.71   | 18.66  | 4.07   | 27.60%  |
| Peru               | 4.83   | 7.78   | 8.40   | 16.19  | 16.75  | 14.43  | 17.01  | 12.02  | 13.54  | 2.95   | 13.77%  |
| Russian Federation | 2.31   | 2.78   | 3.48   | 6.06   | 7.18   | 4.98   | 7.00   | 13.04  | 10.60  | 2.31   | 20.98%  |
| Portugal           | 29.94  | 20.84  | 21.34  | 20.95  | 18.99  | 12.85  | 18.17  | 10.00  | 10.22  | 2.23   | -12.57% |
| Japan              | 8.23   | 7.12   | 6.30   | 6.24   | 6.53   | 4.30   | 6.62   | 11.33  | 9.94   | 2.17   | 2.39%   |
| Spain              | 12.88  | 8.51   | 9.28   | 11.69  | 6.93   | 5.24   | 10.53  | 13.01  | 7.53   | 1.64   | -6.49%  |
| Germany            | 15.22  | 12.54  | 12.47  | 14.66  | 10.46  | 8.06   | 11.84  | 16.92  | 6.73   | 1.47   | -9.70%  |
| United States      | 48.75  | 19.64  | 15.26  | 5.84   | 6.07   | 2.53   | 5.70   | 6.46   | 6.62   | 1.44   | -22.09% |
| Rest of World      | 133.34 | 99.94  | 91.04  | 93.07  | 101.66 | 79.83  | 135.25 | 122.98 | 57.98  | 12.64  | -9.89%  |
| Total              | 365.17 | 299.65 | 313.48 | 361.36 | 330.07 | 266.85 | 468.51 | 525.52 | 458.81 | 100.00 | 2.89%   |

Figure (e) - Graphical representation of top importers of 520513 (Market Share Value wise)



**Figure (f) - Performance of top importers of 520513 from 2004-2012 (Value wise)**

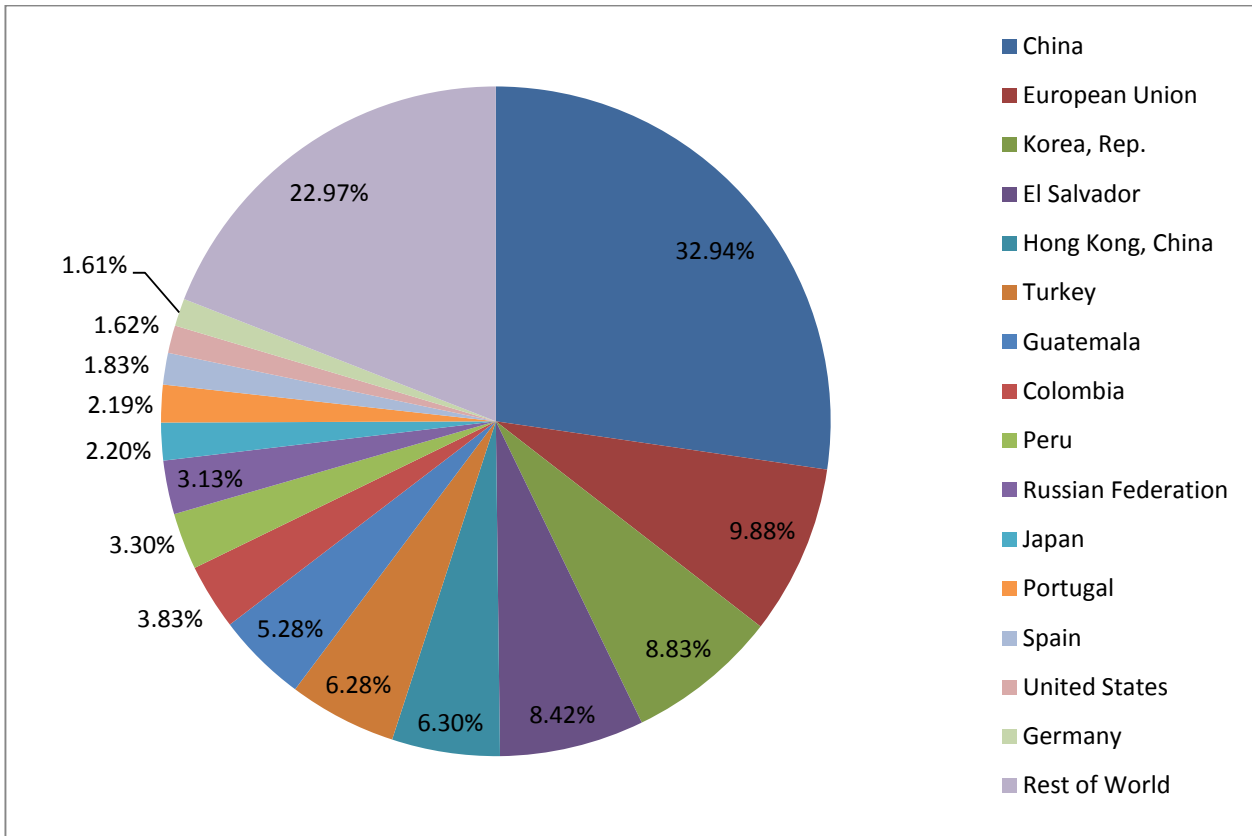


**Top Importers (Volume wise in Mn Kg)**

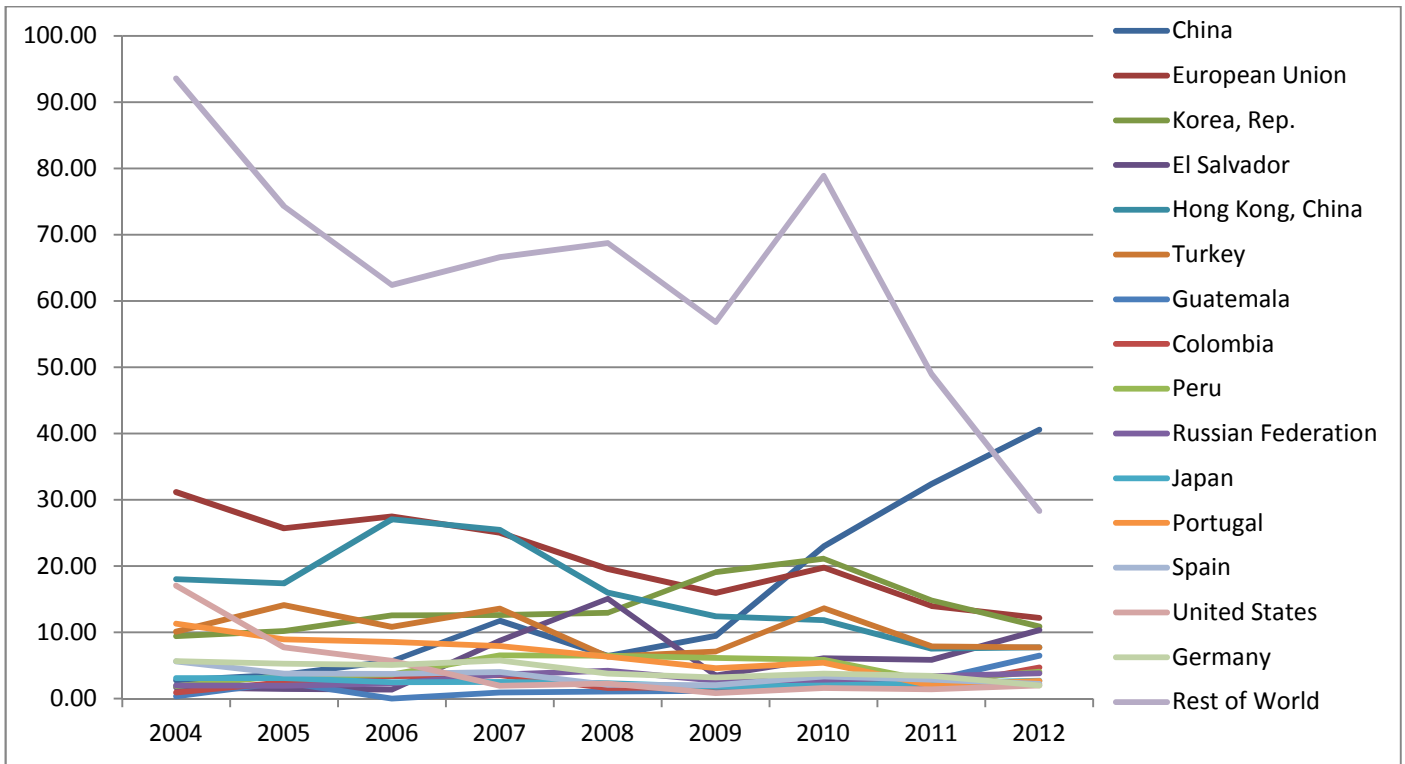
**Table 1.4- Top importers of 520513 (Volume wise in Mn Kg)**

| Top Importers      | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   | 2012   | %Share | CAGR    |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| China              | 2.75   | 3.62   | 5.64   | 11.73  | 6.44   | 9.46   | 22.98  | 32.38  | 40.57  | 32.94  | 40.01%  |
| European Union     | 31.18  | 25.69  | 27.51  | 25.05  | 19.56  | 15.97  | 19.79  | 13.99  | 12.17  | 9.88   | -11.10% |
| Korea, Rep.        | 9.42   | 10.18  | 12.59  | 12.62  | 12.95  | 19.11  | 21.13  | 14.83  | 10.88  | 8.83   | 1.82%   |
| El Salvador        | 1.72   | 1.47   | 1.36   | 8.76   | 15.09  | 3.47   | 6.12   | 5.85   | 10.37  | 8.42   | 25.14%  |
| Hong Kong          | 18.04  | 17.42  | 27.04  | 25.46  | 15.99  | 12.43  | 11.83  | 7.54   | 7.76   | 6.30   | -10.01% |
| Turkey             | 10.13  | 14.11  | 10.85  | 13.61  | 6.36   | 7.13   | 13.64  | 7.88   | 7.74   | 6.28   | -3.30%  |
| Guatemala          | 0.35   | 2.48   | 0.03   | 0.94   | 1.08   | 1.16   | 2.23   | 2.76   | 6.51   | 5.28   | 44.30%  |
| Colombia           | 0.94   | 2.47   | 3.39   | 3.54   | 1.59   | 1.74   | 2.53   | 1.71   | 4.72   | 3.83   | 22.34%  |
| Peru               | 1.92   | 3.43   | 3.63   | 6.55   | 6.48   | 6.16   | 5.84   | 2.64   | 4.06   | 3.30   | 9.81%   |
| Russian Federation | 2.01   | 1.93   | 2.30   | 3.66   | 4.22   | 2.71   | 2.73   | 3.38   | 3.85   | 3.13   | 8.44%   |
| Japan              | 3.12   | 3.10   | 2.49   | 2.52   | 2.32   | 1.83   | 1.97   | 2.33   | 2.71   | 2.20   | -1.74%  |
| Portugal           | 11.31  | 8.93   | 8.55   | 7.93   | 6.32   | 4.62   | 5.42   | 2.00   | 2.69   | 2.19   | -16.42% |
| Spain              | 5.63   | 3.78   | 3.74   | 4.04   | 2.10   | 2.03   | 3.36   | 2.85   | 2.26   | 1.83   | -10.79% |
| United States      | 17.05  | 7.74   | 5.73   | 1.95   | 2.31   | 0.85   | 1.62   | 1.41   | 1.99   | 1.62   | -23.54% |
| Germany            | 5.69   | 5.26   | 5.09   | 5.75   | 3.78   | 3.22   | 3.77   | 3.45   | 1.99   | 1.61   | -12.31% |
| Rest of World      | 93.55  | 74.31  | 62.39  | 66.62  | 68.74  | 56.81  | 78.87  | 48.97  | 28.29  | 22.97  | -13.89% |
| Total              | 137.66 | 124.04 | 124.94 | 143.73 | 122.49 | 105.53 | 146.25 | 116.87 | 123.17 | 100.00 | -1.38%  |

**Figure (g) - Graphical representation of top importers of 520513 (Market Share Volume wise)**



**Figure (h) - Performance of top importers of 520513 from 2004-2012 (Volume Wise)**



## VII. Importance in Cotton Yarn Basket and Global competitiveness

| <b>Table 1.5-Analysis for Importance of 520513 in Cotton Yarn Basket of top Importers: 2012 (Value in Mn USD)</b> |                              |                                     |  |                                    |   |
|---|------------------------------|-------------------------------------|--|------------------------------------|---|
| <b>Top 10 Cotton Yarn (CY) importers</b>  | <b>Total CY Import Value</b> | <b>Total Import value of 520513</b> | <b>% Share of 520513 in Product Basket</b> | <b>Average Imports (2010-2012)</b> | <b>CAGR for World Imports (2004-2012)</b> |
| China   | 4952.82                      | 158.43                              | 3.20%                                      | 117.13                             | 53.35%                                    |
| Hong Kong   | 1511.08                      | 27.00                               | 1.79%                                      | 32.56                              | -6.48%                                    |
| European Union  | 1116.23                      | 42.01                               | 3.76%                                      | 57.93                              | -8.30%                                    |
| Korea Republic  | 584.53                       | 38.43                               | 6.57%                                      | 58.43                              | 6.12%                                     |
| Turkey  | 344.73                       | 28.95                               | 8.40%                                      | 37.15                              | 1.73%                                     |
| Russia  | 288.75                       | 10.60                               | 3.67%                                      | 10.21                              | 20.98%                                    |
| Japan   | 271.39                       | 9.94                                | 3.66%                                      | 9.29                               | 2.39%                                     |
| Germany   | 248.67                       | 6.73                                | 2.71%                                      | 11.83                              | -9.70%                                    |
| Egypt   | 238.27                       | 4.56                                | 1.91%                                      | 2.38                               | 113.75%                                   |
| Guatemala   | 212.84                       | 24.54                               | 11.53%                                     | 17.94                              | 47.93%                                    |
| Portugal  | 211.41                       | 10.22                               | 4.83%                                      | 12.80                              | -12.57%                                   |
| US  | 164.79                       | 6.62                                | 4.02%                                      | 6.26                               | -22.09%                                   |
| El Salvador   | 151.82                       | 39.64                               | 26.11%                                     | 29.40                              | 28.04%                                    |
| Mexico  | 148.85                       | 4.17                                | 2.80%                                      | 4.82                               | 1.78%                                     |
| Sri Lanka   | 127.44                       | 0.47                                | 0.37%                                      | 0.28                               | 72.44%                                    |
| Malaysia  | 126.62                       | 6.08                                | 4.80%                                      | 5.25                               | 9.30%                                     |
| Spain   | 114.01                       | 7.53                                | 6.61%                                      | 10.36                              | -6.49%                                    |
| Czech Republic  | 112.05                       | 3.00                                | 2.68%                                      | 2.60                               | 9.47%                                     |
| France  | 100.25                       | 1.12                                | 1.12%                                      | 1.42                               | -22.74%                                   |
| World   | 11970.47                     | 458.81                              | 3.83%                                      | 484.28                             | 2.89%                                     |

| Top Importers      | Total Import (Mn USD) | Top Exporters Share |       |          |        |         |           |       |
|--------------------|-----------------------|---------------------|-------|----------|--------|---------|-----------|-------|
|                    |                       | United States       | India | Pakistan | Turkey | Vietnam | Indonesia | China |
| China              | 158.43                | 45.30               | 21.65 | 8.99     | 1.50   |         | 2.90      | 8.66  |
| Hong Kong          | 27                    |                     | 38.45 | 8.00     |        | 2.85    | 13.92     | 22.25 |
| European Union     | 42.01                 |                     | 11.40 | 11.46    | 57.56  |         |           |       |
| Korea Republic     | 38.43                 |                     | 5.56  | 19.00    |        | 24.13   | 31.28     | 7.64  |
| Turkey             | 28.95                 |                     |       |          |        | 41.09   | 3.81      |       |
| Russian Federation | 10.6                  |                     |       |          | 10.91  |         |           |       |
| Japan              | 9.94                  |                     |       | 15.24    |        |         | 80.49     | 2.21  |
| Germany            | 6.73                  |                     | 18.27 | 2.33     | 50.28  |         | 0.87      |       |
| Egypt              | 4.56                  |                     | 28.81 |          | 38.82  |         |           |       |
| Guatemala          | 24.54                 | 16.78               | 16.08 |          |        |         |           | 1.54  |
| Portugal           | 10.22                 |                     | 12.43 | 42.10    |        |         |           | 1.71  |
| United States      | 6.62                  |                     | 47.51 | 33.96    |        |         | 12.82     |       |
| El Salvador        | 39.64                 | 91.64               |       |          |        |         |           |       |
| Mexico             | 4.17                  | 99.93               |       |          |        |         |           |       |
| Sri Lanka          | 0.47                  |                     | 98.02 |          |        |         |           |       |
| Malaysia           | 6.08                  |                     | 32.45 | 37.37    |        | 15.54   | 6.61      | 6.57  |
| Spain              | 7.53                  |                     | 10.96 |          | 65.35  |         |           |       |
| Czech Republic     | 3                     |                     |       |          | 71.23  |         |           |       |
| France             | 1.12                  |                     |       | 3.05     | 35.12  |         |           |       |

| Top Importers      | Top Exporters UVR |       |          |        |         |           |       |
|--------------------|-------------------|-------|----------|--------|---------|-----------|-------|
|                    | United States     | India | Pakistan | Turkey | Vietnam | Indonesia | China |
| China              | 4.17              | 3.65  | 4.23     | 3.09   | 3.29    | 4.03      | 4.61  |
| Hong Kong          |                   | 3.34  | 3.43     |        | 3.6     | 3.25      | 3.73  |
| European Union     |                   | 3.5   | 4.3      | 3.3    |         |           |       |
| Korea Republic     |                   | 3.25  | 4        |        | 3.43    | 3.34      | 4.62  |
| Turkey             |                   |       |          |        | 4.66    | 4.49      |       |
| Russian Federation |                   |       |          | 2.70   |         |           |       |
| Japan              |                   |       | 3.43     |        |         | 3.66      | 4.66  |
| Germany            |                   | 3.44  | 3.24     | 3.19   |         | 3.84      |       |
| Egypt              |                   | 4.86  |          | 4.86   |         |           |       |
| Guatemala          | 3.37              | 3.54  |          |        |         |           | 5.20  |
| Portugal           |                   | 3.55  | 4.44     |        |         |           | 3.91  |
| United States      |                   | 2.87  | 3.86     |        |         | 3.58      |       |
| El Salvador        | 3.82              |       |          |        |         |           |       |
| Mexico             | 3.45              |       |          |        |         |           |       |
| Sri Lanka          |                   | 3.62  |          |        |         |           |       |
| Malaysia           |                   | 4.18  | 2.81     |        | 3.81    | 3.08      | 5.88  |
| Spain              |                   | 2.94  |          | 3.22   |         |           |       |
| Czech Republic     |                   |       |          | 3.19   |         |           |       |
| France             |                   |       | 3.58     | 3.62   |         |           |       |

**Table 1.8- Top exporters CAGR in Top importers market (2004-2012)**

| Top Importer       | Top Exporters  |                |               |               |               |           |               |               |                |                |              |                |               |
|--------------------|----------------|----------------|---------------|---------------|---------------|-----------|---------------|---------------|----------------|----------------|--------------|----------------|---------------|
|                    | United States  | India          | Pakistan      | Turkey        | Indonesia     | Hong Kong | China         | El Salvador   | Guatemala      | Mexico         | Germany      | Korea          | Portugal      |
| China              | <b>287.08%</b> | <b>98.10%</b>  | <b>33.89%</b> | <b>79.89%</b> | -7.13%        | -12.71%   | -             | -             | -              | -              | -100.00%     | -15.67%        | -             |
| European Union     | -              | -              | -             | -             | -             | -         | -             | -             | -              | -              | -            | -              | -             |
| Korea, Rep.        | -100.00%       | <b>20.16%</b>  | <b>18.85%</b> | -             | -24.24%       | -15.57%   | <b>5.54%</b>  | -             | -              | -              | -            | -              | -             |
| El Salvador        | <b>43.55%</b>  | -              | -100.00%      | -             | -             | -         | -             | -             | <b>162.13%</b> | <b>48.20%</b>  | -            | -              | -             |
| Hong Kong, China   | -              | <b>44.95%</b>  | -6.66%        | -             | <b>32.72%</b> | -         | -12.79%       | -             | -              | -              | -            | -100.00%       | -             |
| Turkey             | -              | <b>1.86%</b>   | -16.23%       | -             | -             | -         | -             | -             | -              | -              | <b>7.01%</b> | -              | -100.00%      |
| Guatemala          | -20.85%        | <b>101.38%</b> | <b>12.30%</b> | -             | -             | -         | -             | <b>10.58%</b> | -              | -              | -            | -59.16%        | -             |
| Colombia           | <b>77.92%</b>  | <b>80.09%</b>  | -7.96%        | -             | -             | -         | -             | -             | -              | <b>306.26%</b> | -            | -              | -             |
| Peru               | -              | <b>53.72%</b>  | -17.08%       | -100.00%      | -             | -         | -             | -             | -              | -              | -            | -              | -             |
| Russian Federation | -              | -              | -             | <b>2.27%</b>  | -             | -         | -             | -             | -              | -              | -            | -              | -             |
| Japan              | -              | -              | 11.70%        | -100.00%      | <b>19.60%</b> | -         | <b>20.54%</b> | -             | -              | -              | -            | <b>206.75%</b> | -             |
| Portugal           | -              | <b>32.36%</b>  | -10.76%       | -5.47%        | -             | -         | -             | -             | -              | -              | -16.72%      | -              | -             |
| Spain              | -              | <b>23.41%</b>  | -2.42%        | <b>15.53%</b> | -             | -         | -             | -             | -              | -              | -22.35%      | -              | <b>12.64%</b> |
| United States      | -              | <b>130.70%</b> | -23.92%       | -100.00%      | -100.00%      | -         | -43.94%       | -46.85%       | <b>7.68%</b>   | -69.92%        | -100.00%     | -5.13%         | -             |
| Germany            | -              | <b>24.92%</b>  | -             | 0.40%         | -70.48%       | -         | -             | -             | -              | -              | -            | -              | <b>34.28%</b> |

*Note: The data for exporters Vietnam and Zimbabwe is not available for 2004-2012.*

**Table 1.9-Top exporters RCA in 520513 in the world (2004-2012)**

| Exporter         | 2004  | 2005  | 2006 | 2007 | 2008  | 2009  | 2010  | 2011  | 2012  | Analysis            |
|------------------|-------|-------|------|------|-------|-------|-------|-------|-------|---------------------|
| United States    | 0.41  | 0.36  | 0.64 | 1.49 | 2.41  | 3.03  | 2.17  | 2.42  | 2.90  | RCD to RCA (2007)   |
| India            | 0.42  | 0.63  | 0.86 | 0.93 | 1.07  | 1.01  | 1.38  | 1.32  | 1.21  | RCD to RCA (2008)   |
| Pakistan         | 2.21  | 2.53  | 1.48 | 2.14 | 1.97  | 1.68  | 1.47  | 1.47  | 1.35  | All time RCA        |
| Turkey           | 4.56  | 5.36  | 5.88 | 3.72 | 3.91  | 3.51  | 4.01  | 2.97  | 2.41  | All time RCA        |
| Vietnam          | 1.74  | 2.78  | 2.04 | 0.76 | 3.00  | 4.27  | 6.22  | 4.44  | NA    | Cyclical            |
| Indonesia        | NA    | NA    | NA   | NA   | NA    | NA    | 4.89  | 2.86  | 4.11  | All time RCA (2010) |
| Hong Kong, China | 1.41  | 1.56  | 2.20 | 1.71 | 1.16  | 0.93  | 0.71  | 0.73  | 0.59  | RCA to RCD (2009)   |
| China            | 0.29  | 0.23  | 0.50 | 0.48 | 0.26  | 0.32  | 0.23  | 0.19  | 0.10  | All time RCD        |
| El Salvador      | 48.54 | 31.85 | 5.65 | 8.29 | 10.59 | 19.59 | 13.33 | 17.25 | 17.22 | All time RCA        |
| Guatemala        | 0.19  | 3.31  | 0.00 | 2.28 | 0.84  | 0.35  | 1.05  | 8.50  | 10.53 | Cyclical            |
| Mexico           | 2.41  | 0.60  | 0.41 | 1.19 | 0.54  | 0.50  | 1.20  | 1.03  | 0.86  | RCA to RCD (2005)   |
| Germany          | 1.16  | 0.78  | 0.72 | 0.69 | 0.48  | 0.46  | 0.65  | 0.64  | 0.27  | RCA to RCD (2005)   |
| Korea, Rep.      | 0.68  | 0.92  | 0.91 | 0.63 | 0.31  | 0.40  | 0.54  | 0.90  | 0.34  | All time RCD        |
| Portugal         | 0.45  | 0.91  | 0.71 | 0.60 | 0.35  | 0.26  | 0.83  | 1.17  | 1.32  | RCD to RCA (2011)   |
| Zimbabwe         | 0.36  | 0.00  | 0.00 | 0.00 | 0.74  | 1.12  | 0.93  | 0.88  | NA    | Cyclical            |

- Pakistan, Turkey and El Salvador have enjoyed an all time RCA since 2004 in this product.
- United States, India, Portugal and Indonesia have moved to RCA position in between a period of 2004-2012.
- However, Hong Kong, Mexico and Germany have moved to RCD.

**Table 1.10-UVR of Top exporters in 520513 in the world (2004-2012)**

| Exporter         | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|------------------|------|------|------|------|------|------|------|------|------|
| United States    | 2.51 | 2.58 | 2.41 | 2.72 | 2.68 | 2.98 | 2.89 | 4.71 | 3.86 |
| India            | 2.47 | 2.08 | 2.39 | 2.54 | 2.62 | 2.27 | 2.33 | 3.71 | 3.17 |
| Pakistan         | 2.39 | 2.11 | 2.22 | 2.35 | 2.49 | 2.26 | 3.16 | 4.29 | 3.32 |
| Turkey           | 2.39 | 2.17 | 2.33 | 2.50 | 2.52 | 2.27 | 3.07 | 4.49 | 3.05 |
| Indonesia        | NA   | NA   | NA   | NA   | NA   | NA   | 3.21 | 4.52 | 3.32 |
| Hong Kong, China | 2.54 | 2.27 | 2.41 | 2.42 | 2.59 | 2.34 | 3.13 | 4.22 | 3.36 |
| China            | 2.56 | 2.26 | 2.41 | 2.44 | 2.73 | 2.69 | 3.48 | 5.10 | 3.95 |
| El Salvador      | 2.66 | 2.42 | 2.32 | 2.62 | 2.93 | 2.95 | 3.84 | 5.33 | 3.99 |
| Guatemala        | 1.39 | 2.27 | NA   | 5.83 | 8.14 | 3.44 | 2.95 | 5.57 | 3.98 |
| Mexico           | 0.27 | 3.14 | 3.21 | 2.79 | 2.52 | 3.30 | 3.76 | 5.83 | 3.61 |
| Germany          | 2.90 | 2.89 | 2.89 | 3.10 | 3.23 | 2.90 | 3.47 | 5.45 | 4.35 |
| Korea, Rep.      | 3.27 | 3.90 | 3.60 | 3.33 | 3.50 | 3.76 | 4.11 | 4.32 | 5.00 |
| Portugal         | 5.29 | 3.16 | 4.23 | 3.14 | 3.72 | 4.15 | 4.88 | 7.04 | 5.40 |
| Zimbabwe         | 2.16 | NA   | NA   | NA   | 1.54 | 2.13 | 2.98 | 4.93 | 3.15 |

## VIII. Target countries for Export

| <b>Table 1.11- Target countries for export in the world (Value in Mn USD)</b> |             |             |             |             |             |             |             |             |             |             |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Importing Countries</b>  | <b>2004</b> | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>CAGR</b> |
| China   | 5.18        | 7.03        | 14.06       | 28.32       | 16.75       | 23.34       | 70.56       | 122.39      | 158.43      | 53.35%      |
| El Salvador   | 5.49        | 4.37        | 3.06        | 18.71       | 38.66       | 10.94       | 17.74       | 30.84       | 39.64       | 28.04%      |
| Korea, Rep.   | 23.89       | 23.15       | 29.32       | 30.27       | 34.32       | 44.85       | 66.24       | 70.63       | 38.43       | 6.12%       |
| Turkey  | 25.23       | 34.28       | 27.68       | 35.46       | 17.21       | 18.60       | 45.44       | 37.07       | 28.95       | 1.73%       |
| Guatemala   | 1.07        | 6.65        | 0.01        | 3.71        | 4.11        | 4.78        | 10.64       | 18.64       | 24.54       | 47.93%      |
| Colombia  | 2.66        | 5.91        | 8.26        | 8.92        | 4.28        | 3.82        | 7.57        | 7.71        | 18.66       | 27.60%      |
| Peru  | 4.83        | 7.78        | 8.40        | 16.19       | 16.75       | 14.43       | 17.01       | 12.02       | 13.54       | 13.77%      |
| Russian Federation  | 2.31        | 2.78        | 3.48        | 6.06        | 7.18        | 4.98        | 7.00        | 13.04       | 10.60       | 20.98%      |
| Japan   | 8.23        | 7.12        | 6.30        | 6.24        | 6.53        | 4.30        | 6.62        | 11.33       | 9.94        | 2.39%       |
| Malaysia  | 2.98        | 3.11        | 3.06        | 1.99        | 2.23        | 2.88        | 4.43        | 5.23        | 6.08        | 9.30%       |
| Poland  | 4.03        | 4.41        | 6.12        | 6.60        | 5.72        | 5.52        | 10.10       | 12.49       | 5.79        | 4.61%       |
| Mexico  | 3.62        | 1.91        | 2.11        | 3.35        | 3.25        | 3.70        | 3.32        | 6.99        | 4.17        | 1.78%       |
| Slovak Republic   | 0.85        | 1.82        | 3.58        | 4.76        | 4.59        | 5.09        | 4.19        | 3.27        | 3.50        | 19.41%      |
| Morocco   | 0.34        | 0.58        | 1.38        | 3.90        | 3.47        | 4.67        | 2.24        | 6.05        | 3.20        | 32.32%      |
| Czech Republic  | 1.46        | 1.65        | 1.71        | 2.26        | 2.72        | 1.62        | 1.76        | 3.04        | 3.00        | 9.47%       |
| South Africa  | 1.78        | 0.78        | 0.17        | 0.00        | 1.01        | 1.36        | 1.58        | 2.61        | 2.83        | 5.96%       |
| India   | 0.05        | 0.34        | 0.48        | 0.56        | 0.59        | 0.65        | 3.63        | 1.15        | 2.59        | 63.54%      |
| Netherlands   | 0.85        | 0.73        | 0.67        | 0.61        | 0.56        | 0.34        | 0.34        | 0.41        | 1.01        | 2.22%       |
| Pakistan  | 0.07        | 0.00        | 0.00        | 0.07        | 0.03        | 0.00        | 0.69        | 0.61        | 0.89        | 36.36%      |
| Thailand  | 0.12        | 0.00        | 0.14        | 0.33        | 0.32        | 0.81        | 2.04        | 2.24        | 0.79        | 26.61%      |
| Sri Lanka   | 0.01        | 0.03        | 0.05        | 0.10        | 0.02        | 0.08        | 0.04        | 0.34        | 0.47        | 72.44%      |
| Madagascar  | 0.04        | 0.00        | 0.07        | 0.25        | 0.50        | 0.61        | 0.02        | 0.20        | 0.39        | 31.68%      |
| Norway  | 0.01        | 0.01        | 0.07        | 0.02        | 0.01        | 0.00        | 0.00        | 0.00        | 0.04        | 22.64%      |



## **IX. Findings**

- 520513 is a carded yarn product, having cotton content more than 85% and a count in the range of 25.41-30.73.
- The world exports in this product amount to 611.44 Mn USD and the world imports amount to 458.81 Mn USD.
- Major exporters in this product category are United States, India, Pakistan, Turkey, Indonesia and El Salvador. Major Importers include China, European Union, El Salvador, Korea Rep., Turkey, Hong Kong, Guatemala etc.
- The target market for chosen on the basis of their volume of import and growth rate are: China, El Salvador, Korea Rep., Turkey, Guatemala, Columbia, Peru and Russian Federation.
- Amongst the top exporters of this product is Zimbabwe but surprisingly all its exports go to only one country i.e. South Africa.