

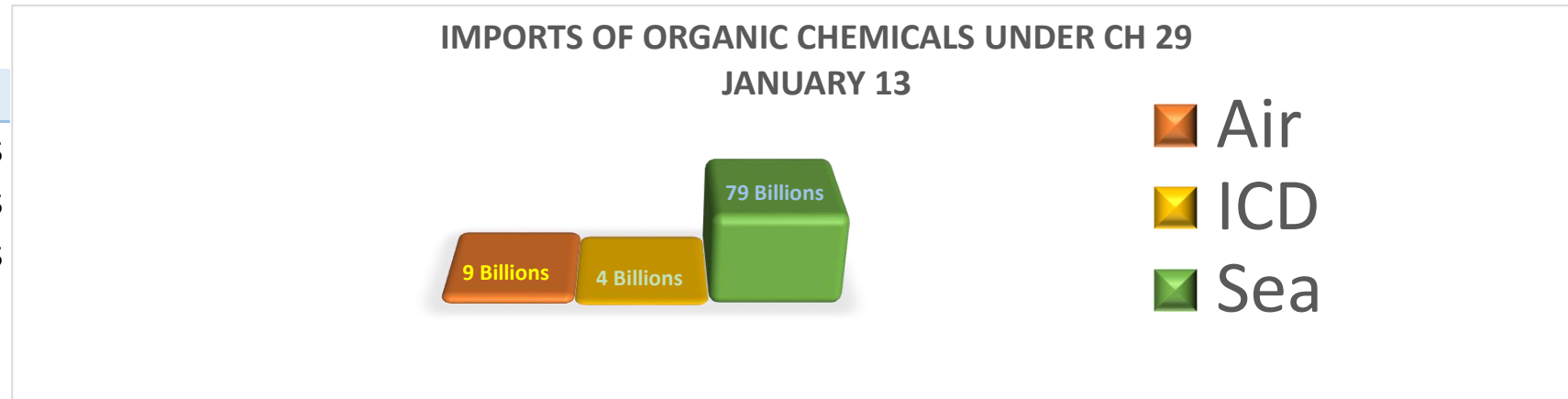
Indian Organic Chemicals Import Overview - Analysis -January 2013



Graphical Overview of imports in India under ch. 29 during January 2013 from around the Globe.

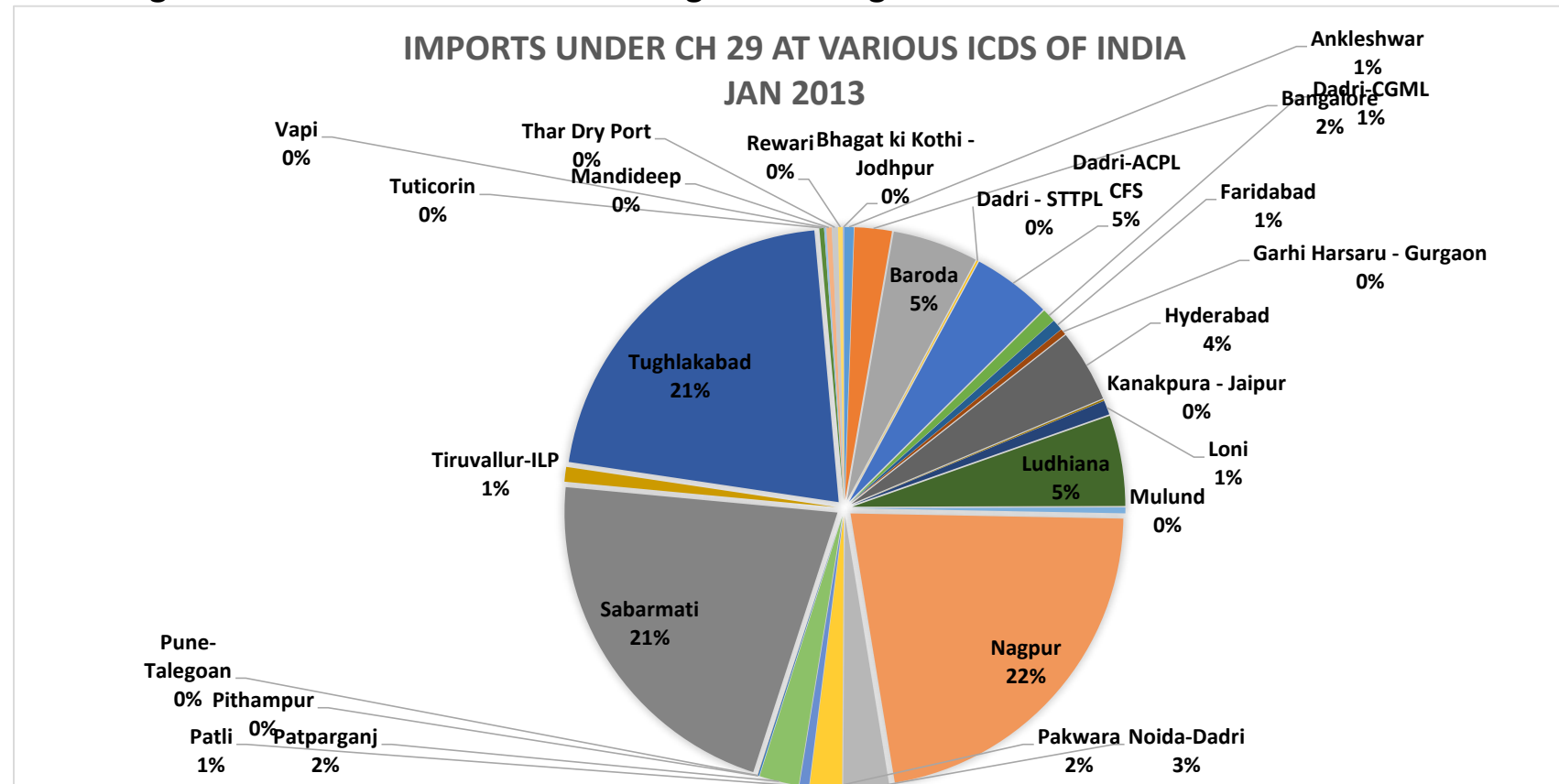
India imported more than 92 billion worth of products under Ch. 29.

Port	Value
Air	9 Billions
ICD	4 Billions
Sea	79 Billions



29 ICD fragmented the clearance of 4 Billion goods during the month.

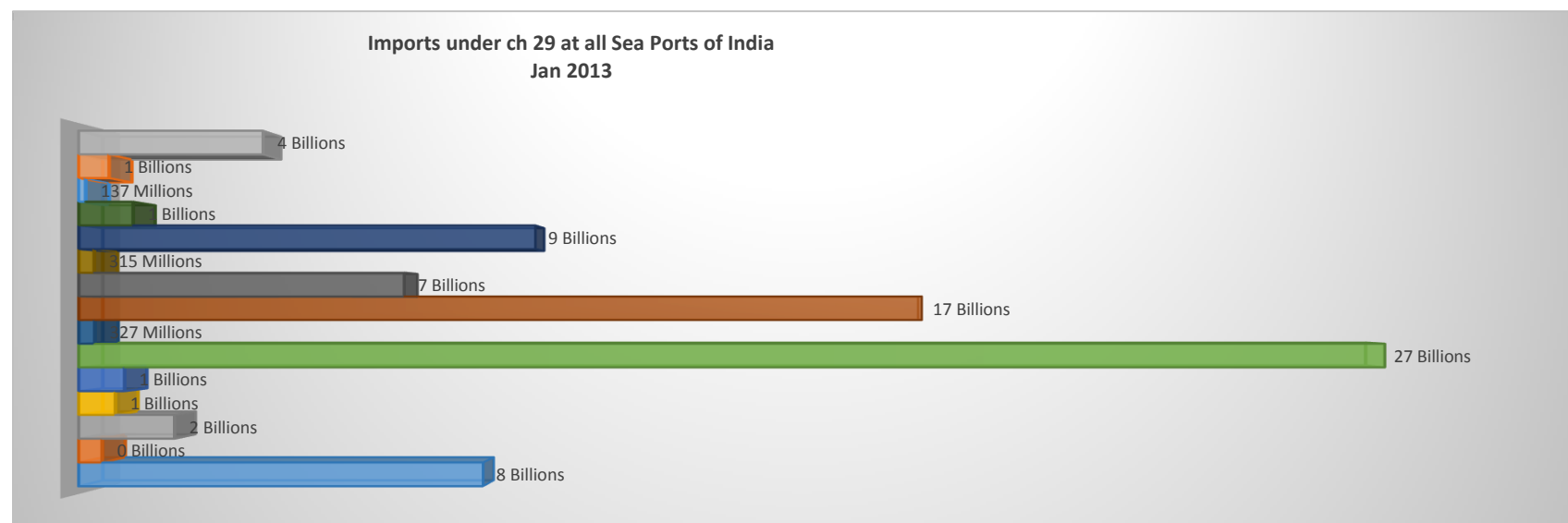
Port - ICDs	Value
Ankleshwar	20 Millions
Bangalore	78 Millions
Baroda	181 Millions
Dadri - STTPL	3 Millions
Dadri-ACPL CFS	167 Millions
Dadri-CGML	28 Millions
Faridabad	23 Millions
Garhi Harsaru - Gurgaon	12 Millions
Hyderabad	153 Millions
Kanakpura - Jaipur	3 Millions
Loni	30 Millions
Ludhiana	191 Millions
Mulund	12 Millions
Nagpur	1 Billions
Noida-Dadri	96 Millions
Pakwara	68 Millions
Patli	20 Millions
Patparganj	83 Millions
Pithampur	3 Millions
Pune-Talegoan	0 Millions
Sabarmati	766 Millions
Tiruvallur-ILP	31 Millions
Tughlakabad	756 Millions
Tuticorin	10 Millions
Vapi	5 Millions
Mandideep	11 Millions
Thar Dry Port	12 Millions
Rewari	10 Millions
Bhagat ki Kothi - Jodhpur	3 Millions



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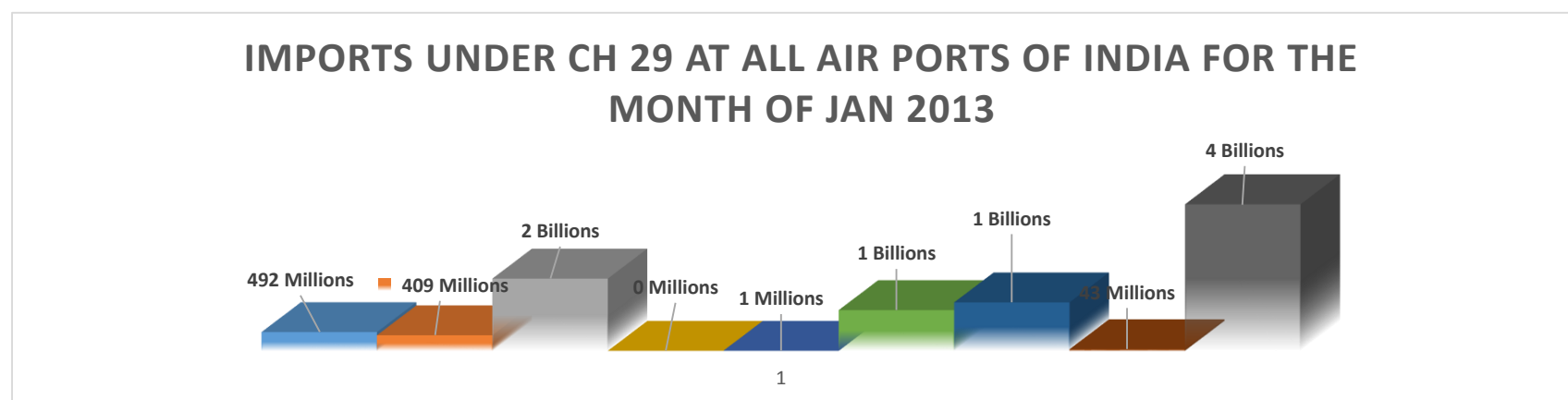
Nava Sheva / JNPT showed the highest share of import of organic Chemicals among all the seaports of India accounting for more than 26 billion of imports under Ch. 29.

Sea Ports	Value
Chennai	8 Billions
Cochin	0 Billions
Dahej	2 Billions
Ennore	1 Billions
Goa	1 Billions
JNPT	27 Billions
Kakinada	327 Millions
Kandla	17 Billions
Kolkata	7 Billions
Mangalore	315 Millions
Mumbai	9 Billions
Mundra	1 Billions
Pipavav	137 Millions
Tuticorin	1 Billions
Vizag	4 Billions



9 Billions of goods are imported via 9 different airports of India

Air Ports	Value
Amhedabad	492 Millions
Bangalore	409 Millions
Chennai	2 Billions
Cochin	0 Millions
Dabolim	1 Millions
Delhi	1 Billions
Hyderabad	1 Billions
Kolkata	43 Millions
Mumbai	4 Billions

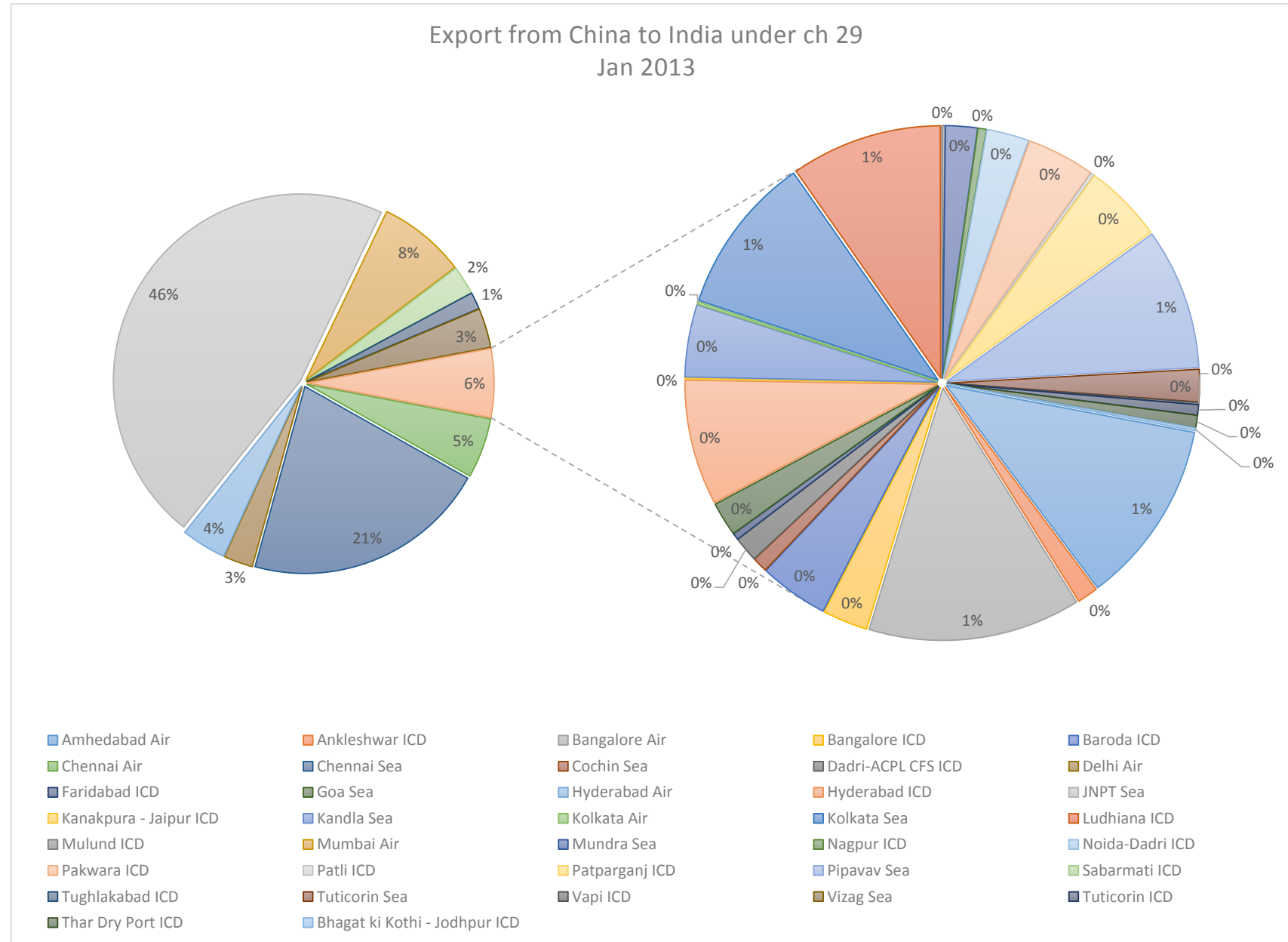


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69 countries supplied goods to India among which China was the highest one accounting for 26% of the trade.

Among the 37 point of contact JNPT and Chennai Sea show the maximum trade.

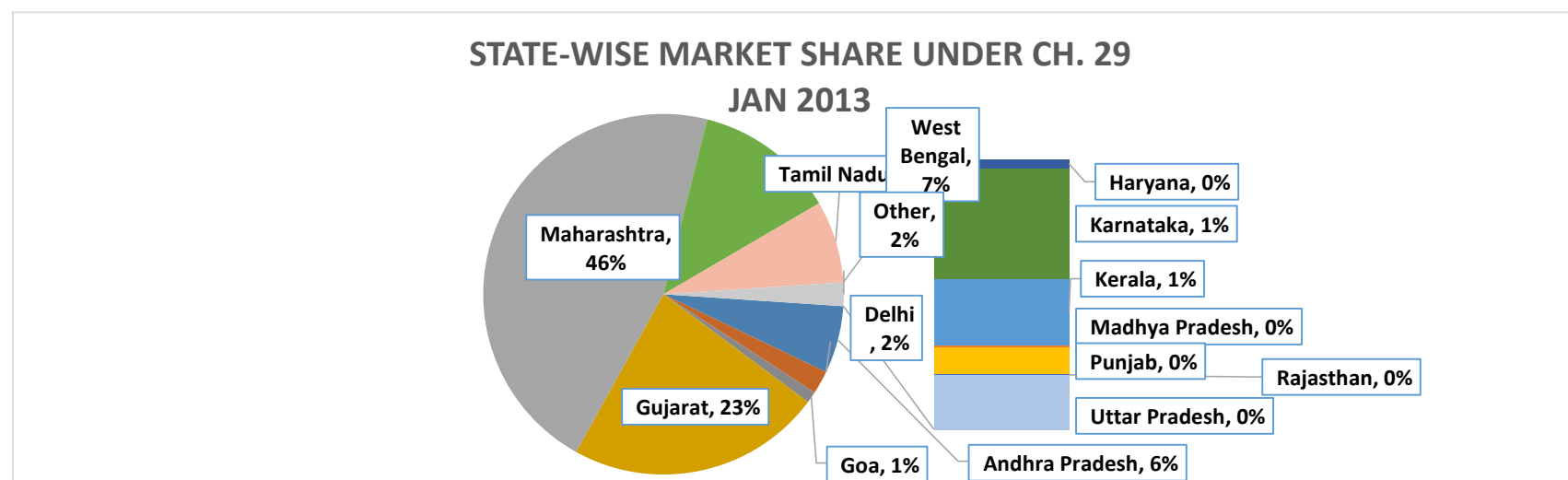
Port	Value
Amhedabad Air	173 Millions
Ankleshwar ICD	20 Millions
Bangalore Air	200 Millions
Bangalore ICD	43 Millions
Baroda ICD	65 Millions
Chennai Air	1285 Millions
Chennai Sea	5228 Millions
Cochin Sea	14 Millions
Dadri-ACPL CFS ICD	24 Millions
Delhi Air	627 Millions
Faridabad ICD	6 Millions
Goa Sea	32 Millions
Hyderabad Air	963 Millions
Hyderabad ICD	118 Millions
JNPT Sea	11475 Millions
Kanakpura - Jaipur ICD	1 Millions
Kandla Sea	68 Millions
Kolkata Air	2 Millions
Kolkata Sea	150 Millions
Ludhiana ICD	142 Millions
Mulund ICD	3 Millions
Mumbai Air	1874 Millions
Mundra Sea	30 Millions
Nagpur ICD	8 Millions
Noida-Dadri ICD	40 Millions
Pakwara ICD	64 Millions
Patli ICD	3 Millions
Patparganj ICD	74 Millions
Pipavav Sea	133 Millions
Sabarmati ICD	609 Millions
Tughlakabad ICD	362 Millions
Tuticorin Sea	30 Millions
Vapi ICD	2 Millions
Vizag Sea	841 Millions
Tuticorin ICD	10 Millions
Thar Dry Port ICD	12 Millions
Bhagat ki Kothi - Jodhpur ICD	3 Millions



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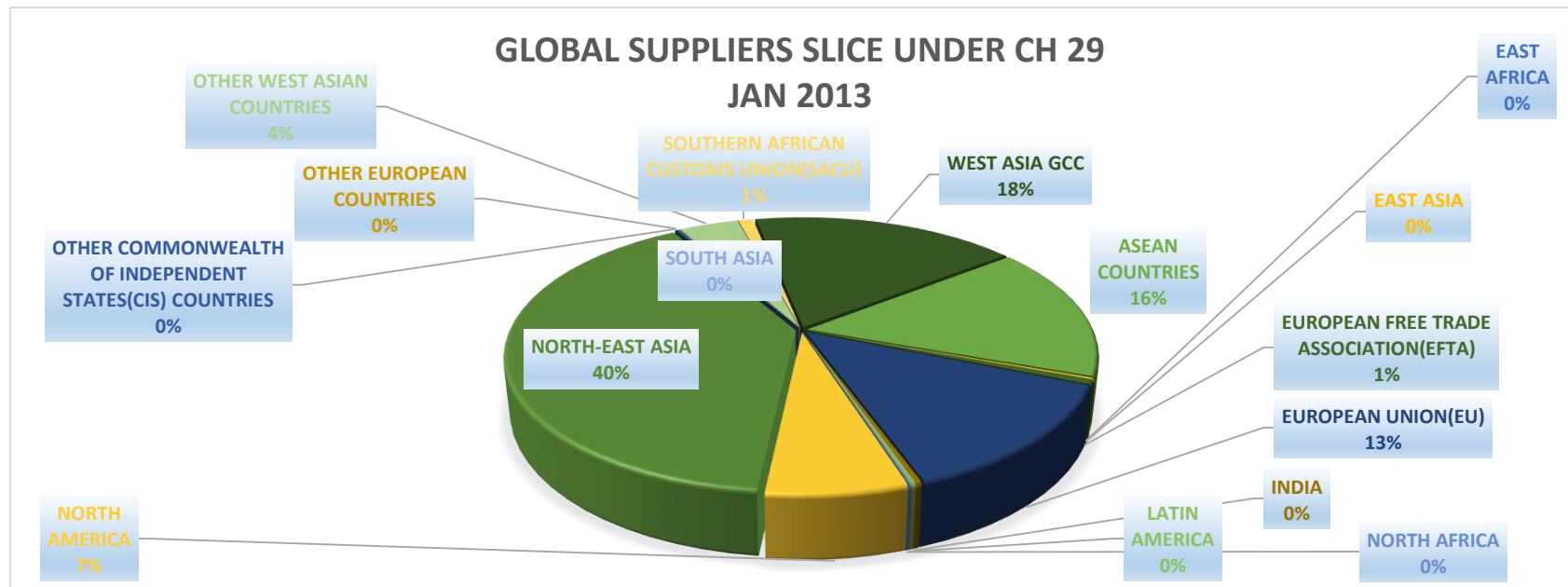
Maharashtra is the highest importer with 46% share while Gujarat is at no. two position with 23% share.

State	Value
Andhra Pradesh	5558 Millions
Delhi	1908 Millions
Goa	943 Millions
Gujarat	21010 Millions
Haryana	66 Millions
Karnataka	802 Millions
Kerala	479 Millions
Madhya Pradesh	14 Millions
Maharashtra	42178 Millions
Punjab	191 Millions
Rajasthan	6 Millions
Tamil Nadu	11663 Millions
Uttar Pradesh	392 Millions
West Bengal	6765 Millions



More than 78% of imports are from Asia & Asian countries with EUROPEAN UNION (EU) has a little over 14 % share

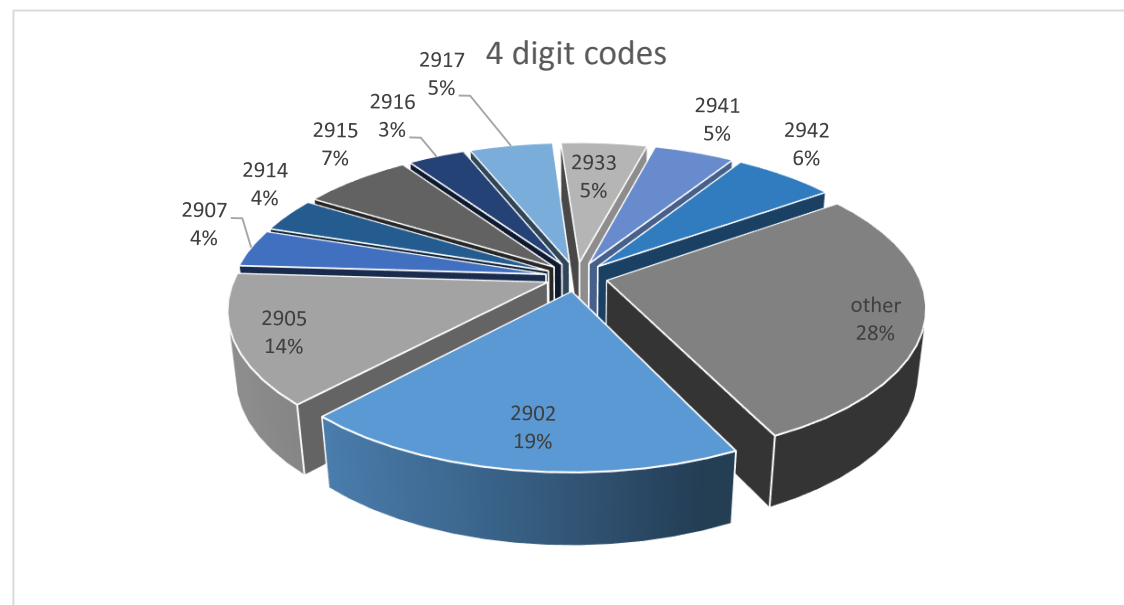
Row Labels	Sum of Value
ASEAN COUNTRIES	15 Billions
EAST AFRICA	7 Millions
EAST ASIA	160 Millions
EUROPEAN FREE TRADE ASS	1 Billions
EUROPEAN UNION(EU)	12 Billions
INDIA	271 Millions
LATIN AMERICA	177 Millions
NORTH AFRICA	107 Millions
NORTH AMERICA	6 Billions
NORTH-EAST ASIA	37 Billions
OTHER COMMONWEALTH (C	191 Millions
OTHER EUROPEAN COUNTR	15 Millions
OTHER WEST ASIAN COUNT	4 Billions
SOUTH ASIA	2824.07
SOUTHERN AFRICAN CUSTO	1 Billions
WEST ASIA GCC	16 Billions



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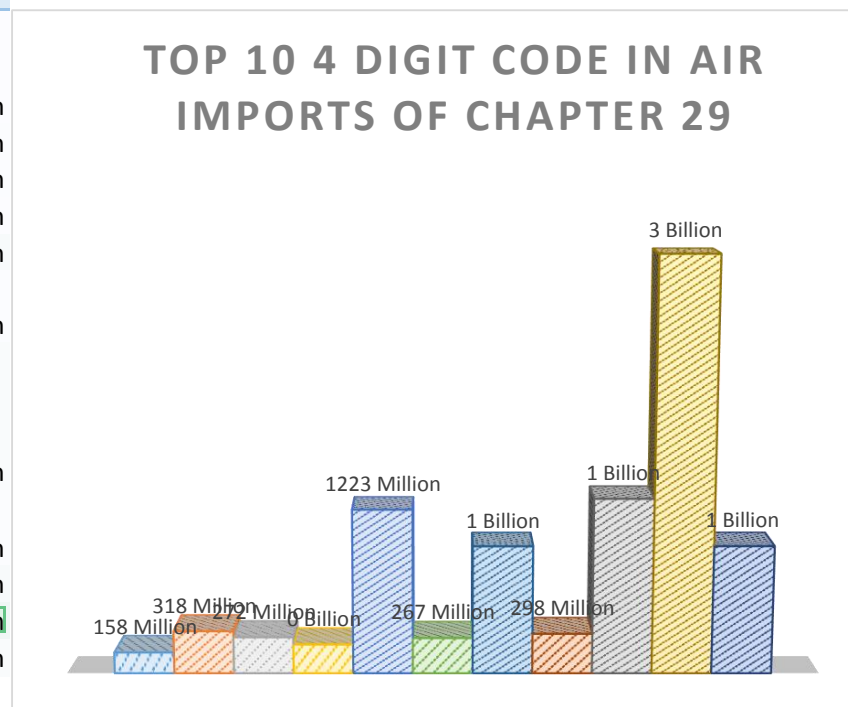
More than 72% of imports are from from top ten 4 digit Hs - codes

Code Discription	HS code	Value
2902: Cyclic hydrocarbons; Cyclanes, cyclenes and cycloterpenes:	2902	18 Billion
2905: Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives Saturated monohydric alcohols:	2905	13 Billion
2907: Phenols; phenol-alcohols Monophenols:	2907	4 Billion
2914: Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives	2914	3 Billion
2915: Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	2915	6 Billion
2916: Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives, Unsaturated acyclic monocarboxylic acids, their anhydrides, halides, peroxides, peroxyacids - their derivatives:	2916	3 Billion
2917: Acylic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	2917	5 Billion
2933: Heterocyclic compounds with nitrogen hetero-atom(s) only	2933	5 Billion
2941: Antibiotics	2941	5 Billion
2942: Other organic compounds	2942	6 Billion
other	other	25 Billion

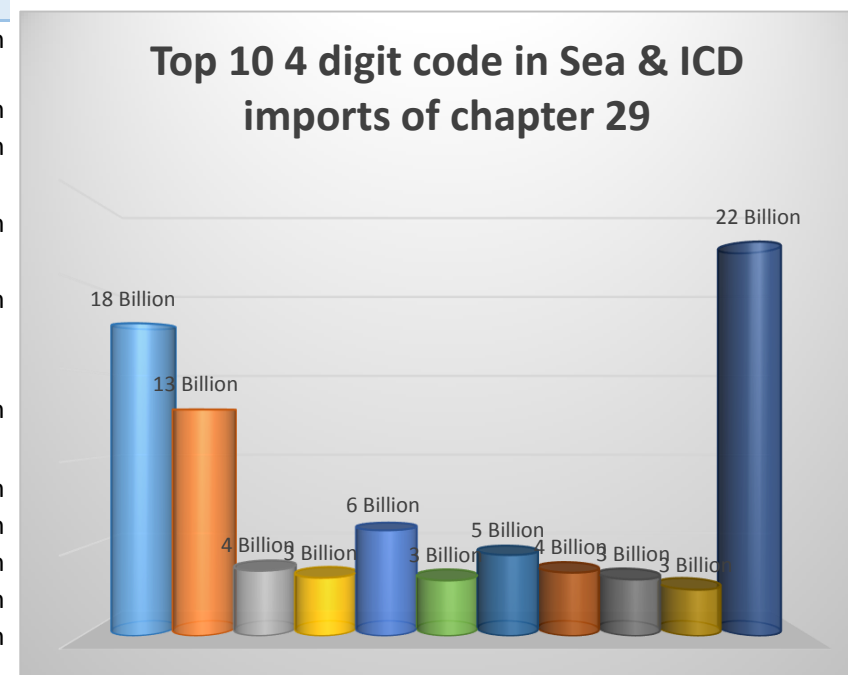


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Code Discription	Value
2909: Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, ketone peroxides (whether or not chemically defined), and their halogenated, sulphonated, nitrated or nitrosated derivatives, Acyclic ethers and their halogenated, sulphonated, nitrated or nitrosated derivatives:	158 Million
2918: Carboxylic acids with additional oxygen function and their anhydrides, halides, peroxides and peroxyacids;	318 Million
2922: Oxygen-function amino-compounds	272 Million
2932: Heterocyclic compounds with oxygen hetero-atom(s) only	0 Billion
2933: Heterocyclic compounds with nitrogen hetero-atom(s) only	1223 Million
2934: Nucleic acids and their salts;whether or not chemically defined; other heterocyclic compounds”;	267 Million
2937: Hormones, prostaglandins, thromboxanes and leukotrienes, natural or reproduced by synthesis; derivatives and structural analogues thereof, including chain modified polypeptides, used primarily as hormones Polypeptide hormones, protein hormones and glycoprotein hormones, their dervatives and structural analogues	1 Billion
2939: Vegetable alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives	298 Million
2941: Antibiotics	1 Billion
2942: Other organic compounds	3 Billion
other	1 Billion



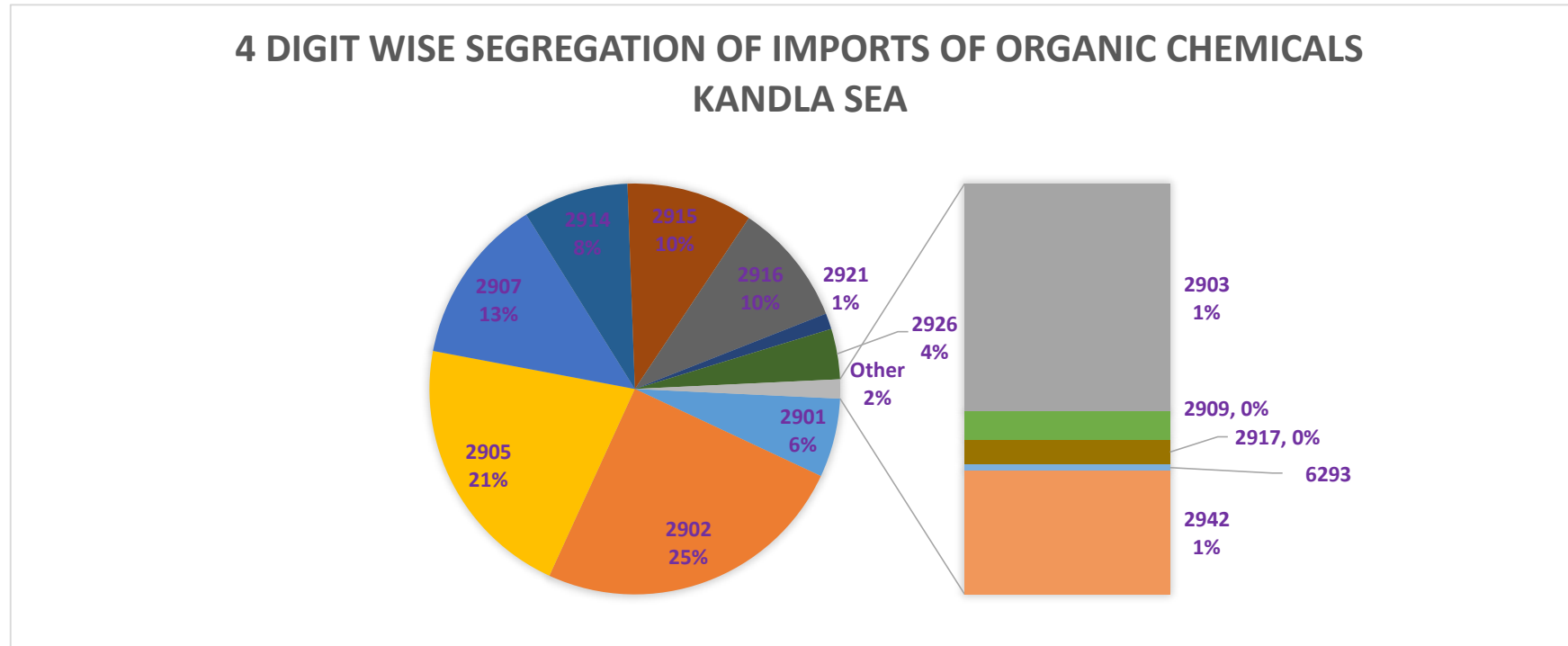
Code Discription	Value
2902: Cyclic hydrocarbons; Cyclanes, cyclenes and cycloterpenes:	18 Billion
2905: Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives Saturated monohydric alcohols:	13 Billion
2907: Phenols; phenol-alcohols Monophenols:	4 Billion
2914: Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives	3 Billion
2915: Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	6 Billion
2916: Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives, Unsaturated acyclic monocarboxylic acids, their anhydrides, halides, peroxides, peroxyacids - their derivatives: derivatives:Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	5 Billion
2933: Heterocyclic compounds with nitrogen hetero-atom(s) only	4 Billion
2941: Antibiotics	3 Billion
2942: Other organic compounds	3 Billion
other	22 Billion



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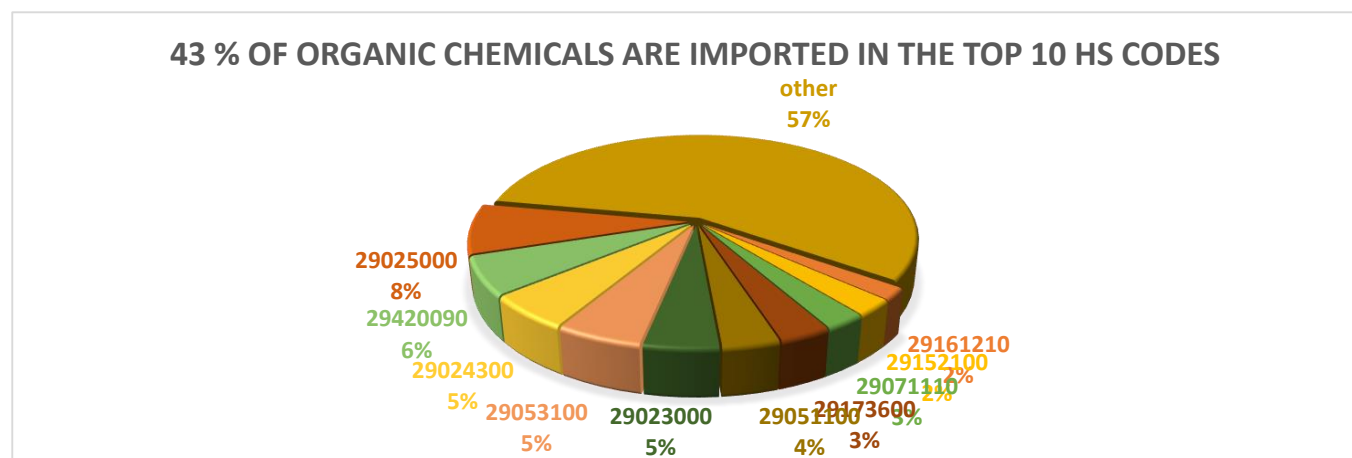
Import of Organic Chemicals under various Four Digit Codes in Kandla

Code Discription	Value
2901:- Acyclic hydrocarbons	1 Billion
2902:- Cyclic hydrocarbons; Cyclanes, cyclenes and cycloterpenes:	4 Billion
2903:- Halogenated derivatives of hydrocarbons Saturated chlorinated derivatives of acyclic hydrocarbons:	145 Million
2905:- Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives Saturated monohydric alcohols:	4 Billion
2907:- Phenols; phenol-alcohols Monophenols:	2 Billion
2909:- Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohol peroxides, ether peroxides, ketone peroxides (whether or not chemically defined), and their	18 Million
2914:- Ketones and Quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives	1 Billion
2915:- Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	2 Billion
2916:- Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or	2 Billion
2917:- Acylic polycarboxylic acids, their anhydrides, halides, peroxides, peroxyacids and their derivatives:Polycarboxylic acids, their anhydrides, halides, peroxides and	16 Million
2921:- Amine function compounds	219 Million
2926:- Nitrile-function compounds	1 Billion
2931:- Other organo-inorganic compounds	4 Million
2942:- Other organic compounds	79 Million

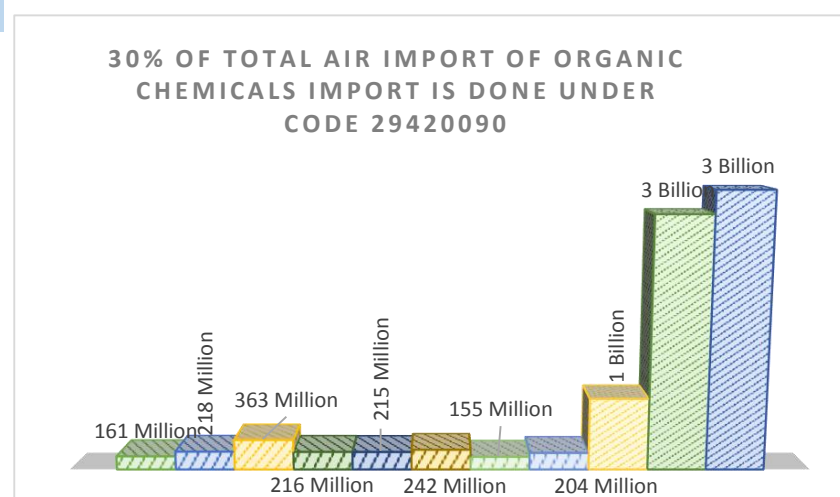


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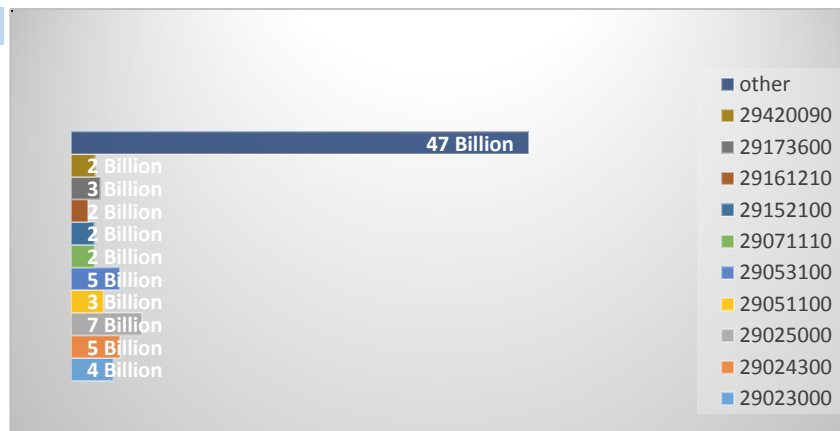
Code Discription	Import
29161210:- Butyl acrylate	2 Billion
29152100:- Acetic acid	2 Billion
29071110:- Phenol, as pure carbolic acid	2 Billion
29173600:- Terephthalic acid and its salts	3 Billion
29051100:- Methanol (methyl alcohol)	3 Billion
29023000:- Toluene Xylenes:	4 Billion
29053100:- Ethylene glycol(ethanediol)	5 Billion
29024300:- p-Xylene	5 Billion
29420090:- Diloxanide furoate, Cimetidine, Oxyclozanide, Famotidine: Other	5 Billion
29025000:- Styrene	7 Billion
others	52 Billion



Code Discription for Air	Import Value
29331990:- Other Compounds containing an unfused imidazole ring (whether or not hydrogenated) in the structure:	161 Million
29333990:- Other Compounds containing in the structure a quinoline or isoquinoline ring-system (whether or not hydrogenated) in the structure:	218 Million
29335990:- Other Compounds containing an unfused triazine ring (whether or not hydrogenated) in the structure:	363 Million
29339900:- Heterocyclic compounds with nitrogen heteroatom(s) only Other	216 Million
29349900:- Nucleic acids and their salts; whether or not chemically defined; other heterocyclic compounds - Other	215 Million
29371200:- Insulin and its salts	242 Million
29372900:- Other Catecholamine hormones, their derivatives and structural analogues	155 Million
29391100:- Concentrates of poppy straw; buprenorphine (INN), codeine, dihydrocodeine (INN), ethylmorphine, etorphine (INN), heroin, hydrocodone (INN), hydromorphone (INN), morphine, nicomorphine (INN), oxycodone (INN), oxymorphone (INN), pholcodine (INN), thebacon	204 Million
29419090:- Rifampicin and its salts: Other	1 Billion
29420090:- Diloxanide furoate, Cimetidine, Oxyclozanide, Famotidine: Other	3 Billion
other	3 Billion



Code Discription for Sea and ICD	Import Value
29023000:- Toluene Xylenes:	4 Billion
29024300:- p-Xylene	5 Billion
29025000:- Styrene	7 Billion
29051100:- Methanol (methyl alcohol)	3 Billion
29053100:- Ethylene glycol(ethanediol)	5 Billion
29071110:- Phenol, as pure carbolic acid	2 Billion
29152100:- Acetic acid	2 Billion
29161210:- Butyl acrylate	2 Billion
29173600:- Terephthalic acid and its salts	3 Billion
29420090:- Diloxanide furoate, Cimetidine, Oxyclozanide, Famotidine: Other	2 Billion
other	47 Billion

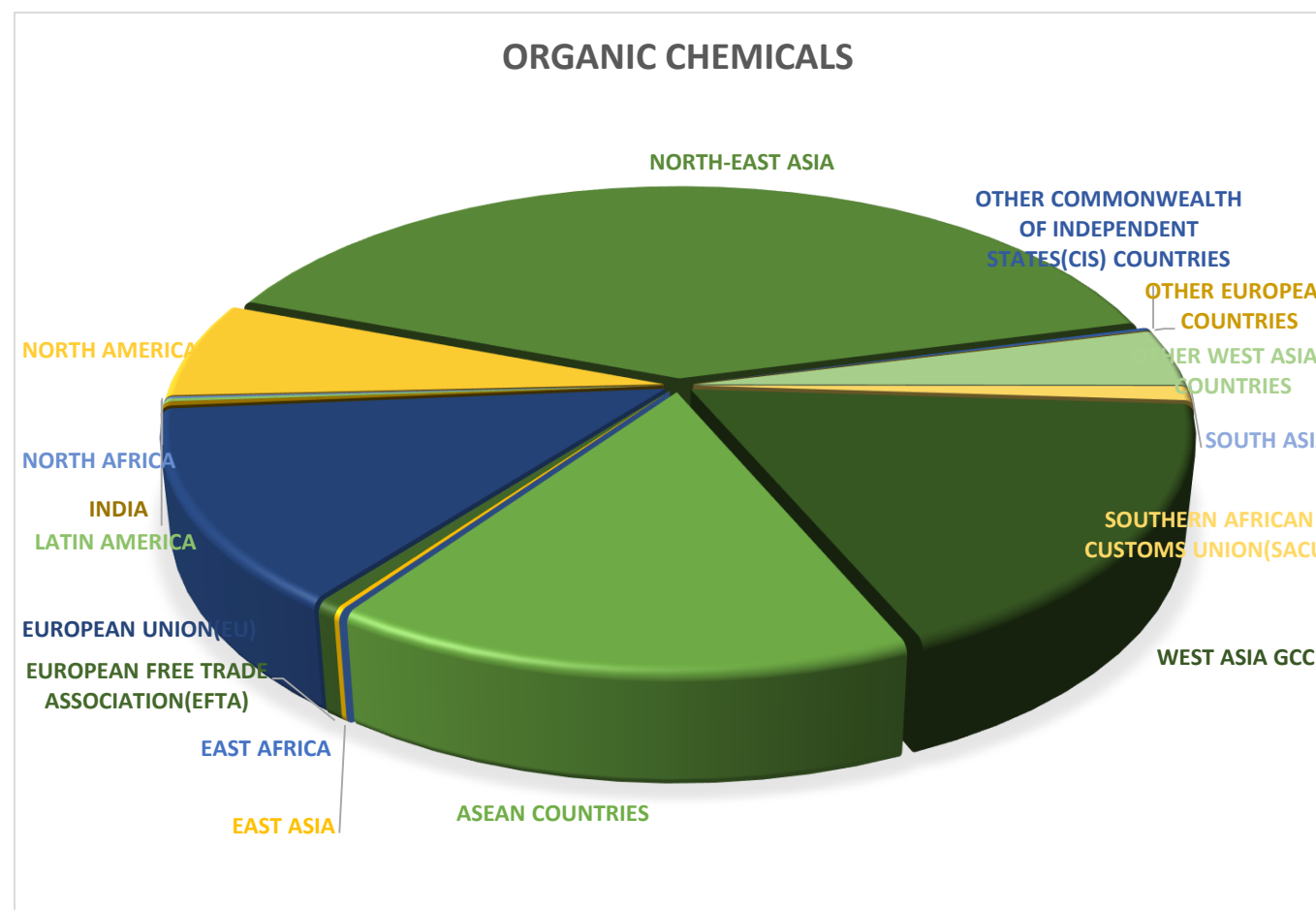


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Region wise Import Analysis of Organic Chemicals

North-East Asia is the highest supplier of organic Chemicals with 40% share to India

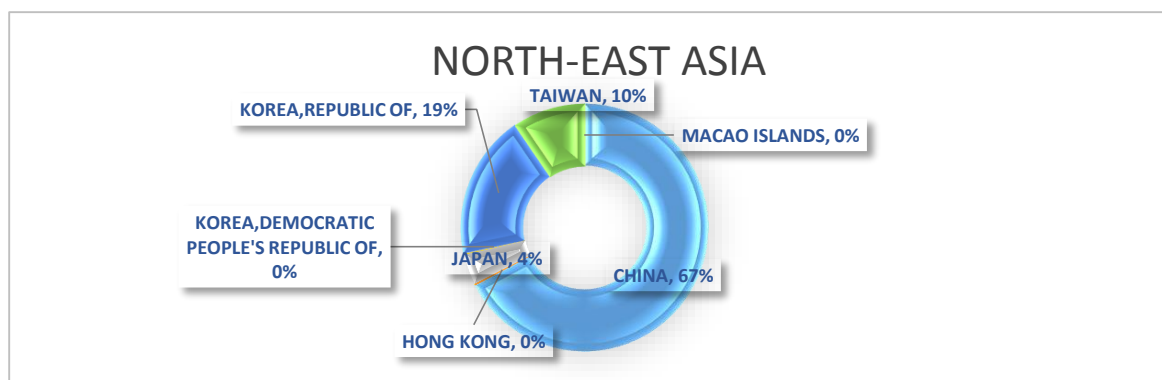
Region	Value
ASEAN COUNTRIES	15 Billion
EAST AFRICA	7 Million
EAST ASIA	160 Million
EUROPEAN FREE TRADE ASSOCIATION(EFTA)	1 Billion
EUROPEAN UNION(EU)	12 Billion
INDIA	271 Million
LATIN AMERICA	177 Million
NORTH AFRICA	107 Million
NORTH AMERICA	6 Billion
NORTH-EAST ASIA	37 Billion
OTHER COMMONWEALTH OF INDEPENDENT STATES(CIS) COUNTRIES	191 Million
OTHER EUROPEAN COUNTRIES	15 Million
OTHER WEST ASIAN COUNTRIES	4 Billion
SOUTH ASIA	2824.07
SOUTHERN AFRICAN CUSTOMS UNION(SACU)	1 Billion
WEST ASIA GCC	16 Billion



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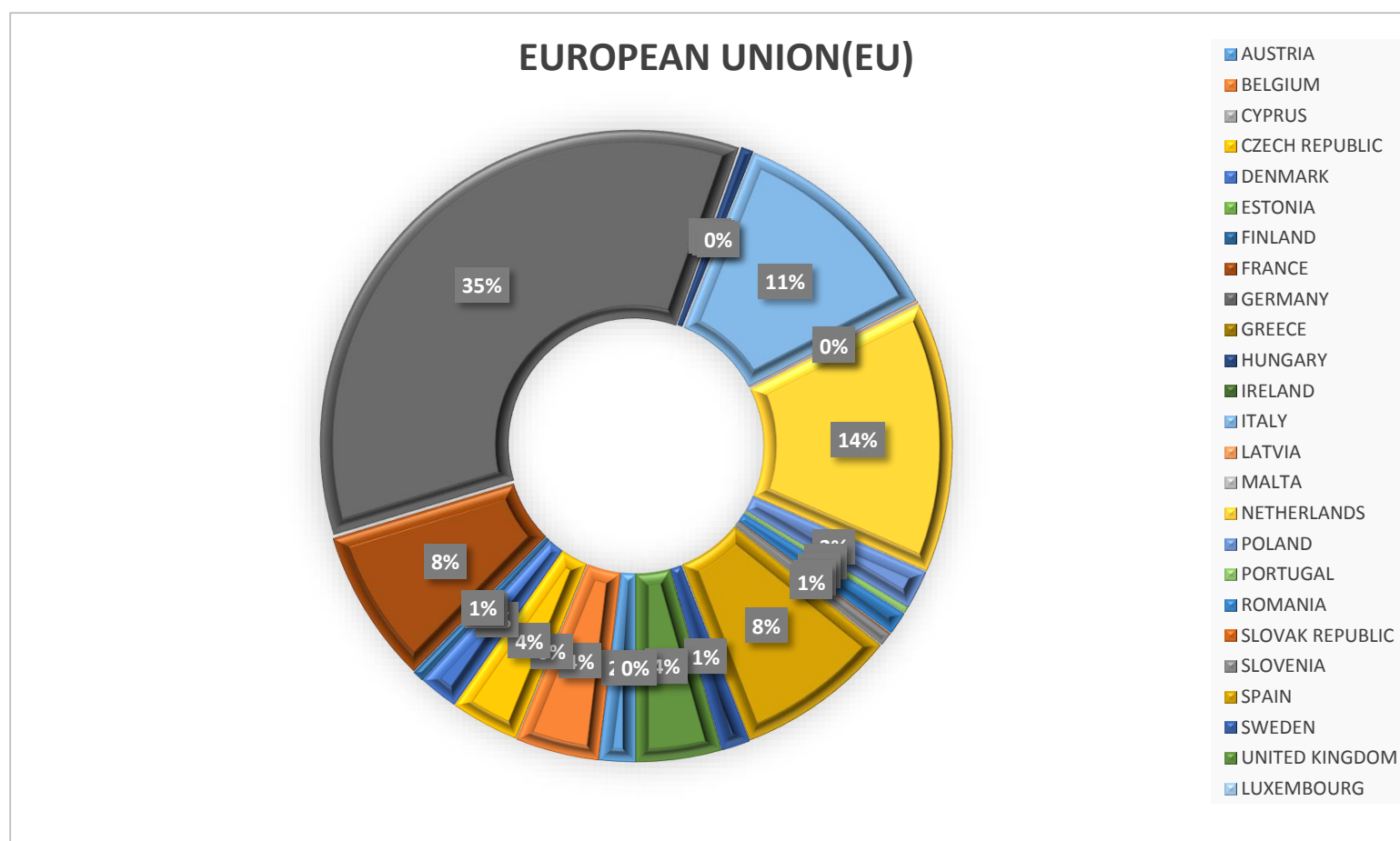
China supplies 65% of organic chemicals among North East Asian countries

North East Asian countries	Value
CHINA	25 Billion
HONG KONG	94 Million
JAPAN	1 Billion
KOREA, DEMOCRATIC PEOP	34 Million
KOREA, REPUBLIC OF	7 Billion
TAIWAN	4 Billion
MACAO ISLANDS	2 Million



Twenty Five Countries supply organic chemicals from the EUROPEAN UNION(EU)

EU	Value
AUSTRIA	227 Million
BELGIUM	521 Million
CYPRUS	1 Million
CZECH REPUBLIC	431 Million
DENMARK	247 Million
ESTONIA	0 Million
FINLAND	72 Million
FRANCE	1 Billion
GERMANY	4 Billion
GREECE	0 Million
HUNGARY	78 Million
IRELAND	1 Million
ITALY	1 Billion
LATVIA	12 Million
MALTA	6 Million
NETHERLANDS	2 Billion
POLAND	246 Million
PORTUGAL	42 Million
ROMANIA	145 Million
SLOVAK REPUBLIC	10 Million
SLOVENIA	83 Million
SPAIN	1 Billion
SWEDEN	180 Million
UNITED KINGDOM	533 Million
LUXEMBOURG	159538.59

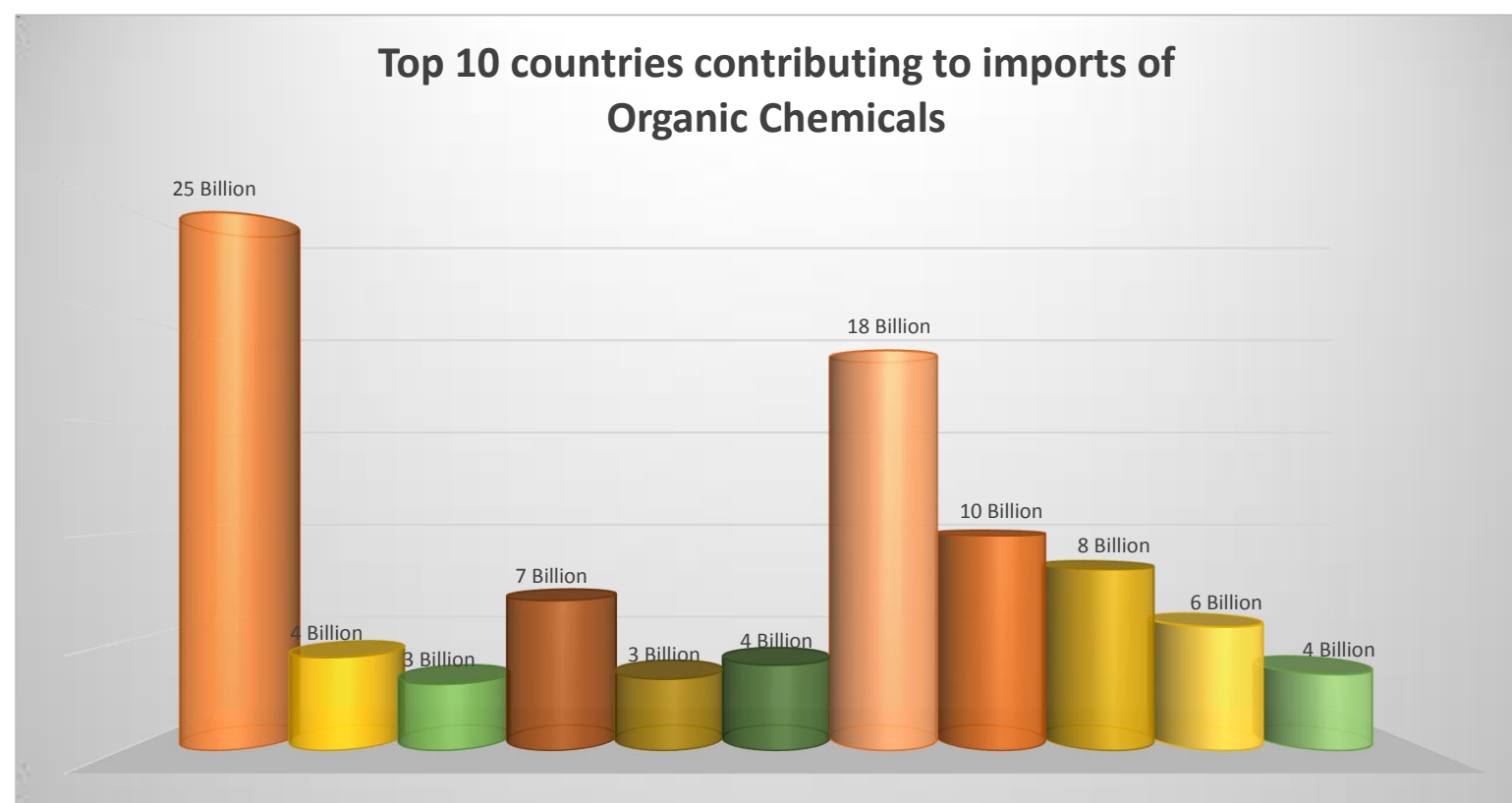


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Country wise Import Analysis of Organic Chemicals

Approx 79% of organic chemicals are supplied by the top 10 countries

Country	Value(INR)
CHINA	25 Billion
GERMANY	4 Billion
IRAN	3 Billion
KOREA,REPUBLIC OF	7 Billion
KUWAIT	3 Billion
MALAYSIA	4 Billion
others	18 Billion
SAUDI ARABIA	10 Billion
SINGAPORE	8 Billion
UNITED STATES	6 Billion
TAIWAN	4 Billion

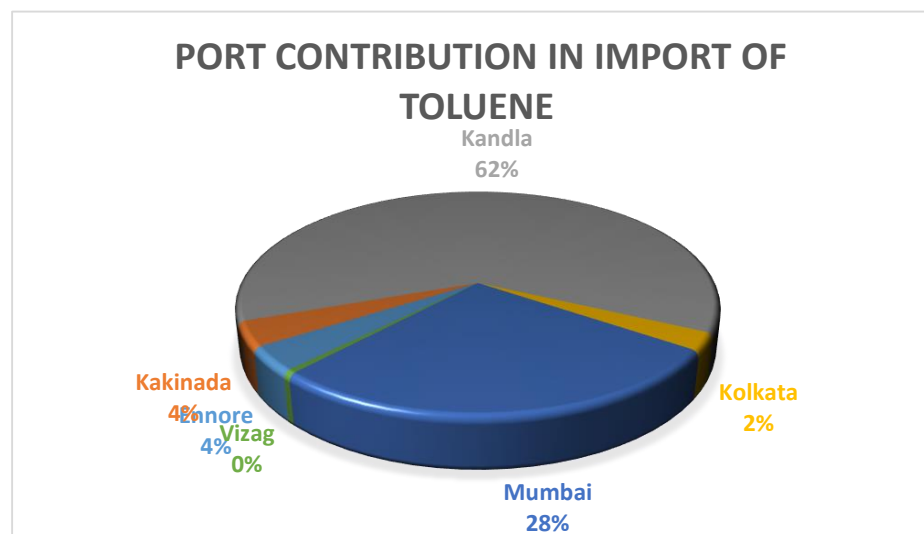


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Analysis of Organic Chemical - Toluene

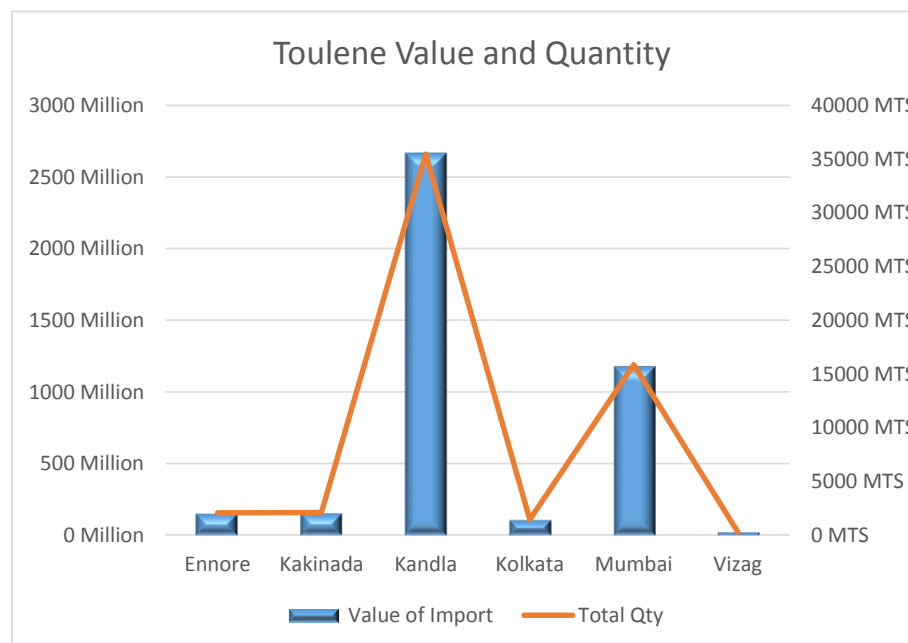
Toluene is imported in only six ports of India with Kandla having the highest share

Ports	Value of Import
Ennore	151 Million
Kakinada	153 Million
Kandla	3 Billion
Kolkata	106 Million
Mumbai	1 Billion
Vizag	21 Million



Approx 57 thousand MTS of Toluene was imported in India in January 2013

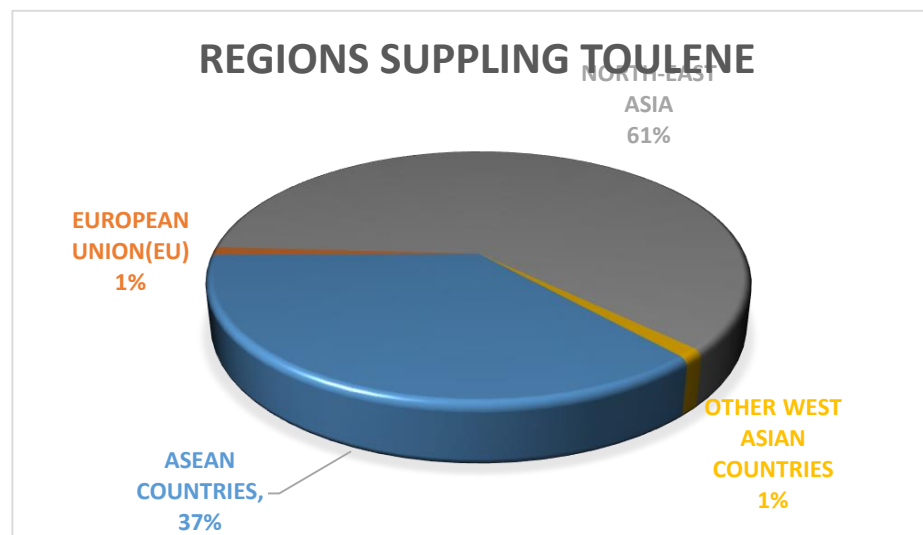
Ports	Value of Import	Total Qty
Ennore	151 Million	2056 MTS
Kakinada	153 Million	2086 MTS
Kandla	2665 Million	35474 MTS
Kolkata	106 Million	1428 MTS
Mumbai	1178 Million	15859 MTS
Vizag	21 Million	270 MTS



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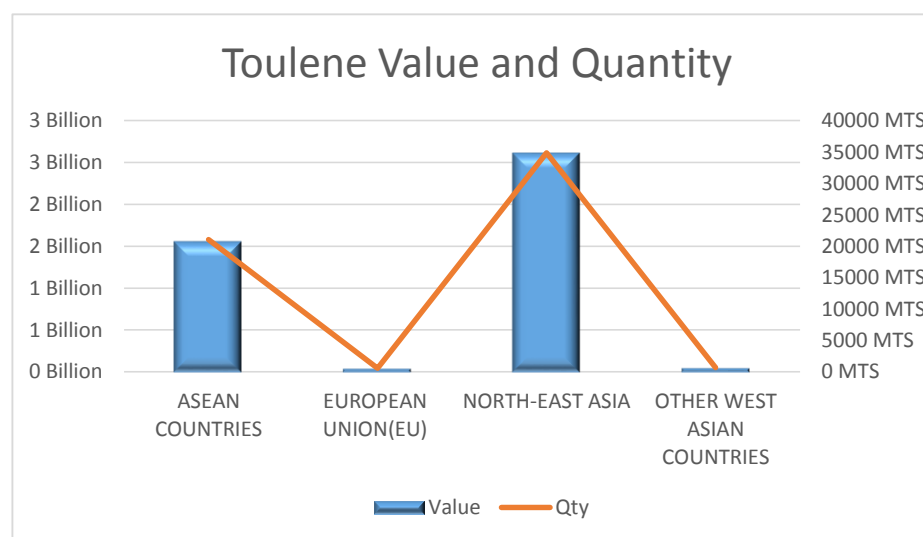
Toulene is imported only from the Four Regions

Regions	Value
ASEAN COUNTRIES	2 Billion
EUROPEAN UNION(EU)	42 Million
NORTH-EAST ASIA	3 Billion
OTHER WEST ASIAN COUNT	50 Million



India imported approx 57 thousand MTS of Toulene in January 2013

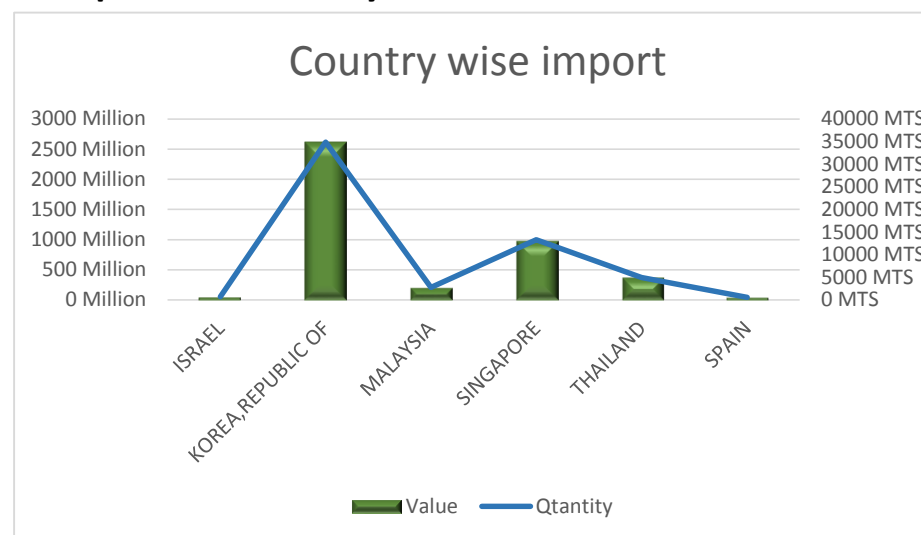
Regions	Value	Qty
ASEAN COUNTRIES	2 Billion	21044 MTS
EUROPEAN UNION(EU)	42 Million	578 MTS
NORTH-EAST ASIA	3 Billion	34863 MTS
OTHER WEST ASIAN COUNT	50 Million	687 MTS



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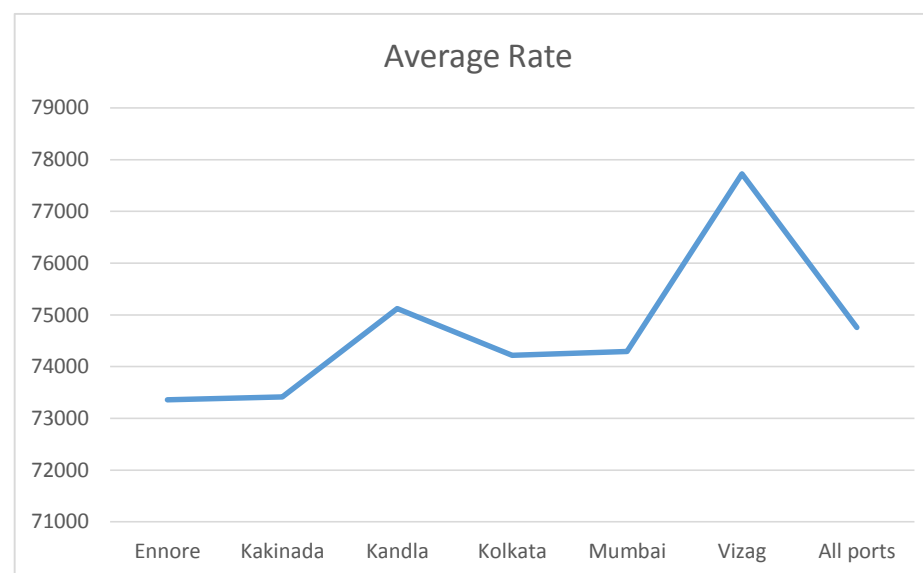
3 Billion of Toulene is imported from only five countries around the Globe

Country	Value	Quantity
ISRAEL	50 Million	687 MTS
KOREA,REPUBLIC OF	3 Billion	34863 MTS
MALAYSIA	205 Million	2738 MTS
SINGAPORE	982 Million	13332 MTS
THAILAND	375 Million	4973 MTS
SPAIN	42 Million	578 MTS



Average rate of Toulene at various ports of India during January 2013

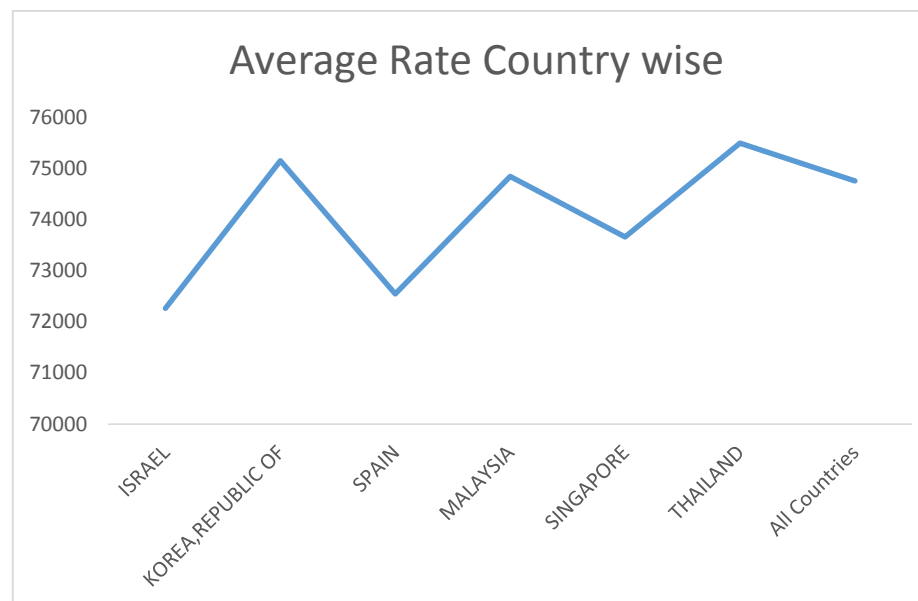
Port	Average Rate	% change from Avg price
Ennore	73359.84801	-1.865192498
Kakinada	73413.47165	-1.793459181
Kandla	75118.52451	0.487421146
Kolkata	74214.98786	-0.721256314
Mumbai	74294.12217	-0.615396911
Vizag	77724.58976	3.973602193
All ports	74754.15694	



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Average Import rate of Toulene from different countries to India during January 2013

Country	Average Rate
ISRAEL	72262.67321
KOREA,REPUBLIC OF	75146.72341
SPAIN	72543.25
MALAYSIA	74843.29462
SINGAPORE	73657.41899
THAILAND	75494.49731
All Countries	74754.15694



Country	Value	Percentage Share
ISRAEL	50 Million	1.161959719
KOREA,REPUBLIC OF	3 Billion	61.29987861
MALAYSIA	205 Million	4.795139275
SINGAPORE	982 Million	22.97784436
THAILAND	375 Million	8.784421826
SPAIN	42 Million	0.98075621

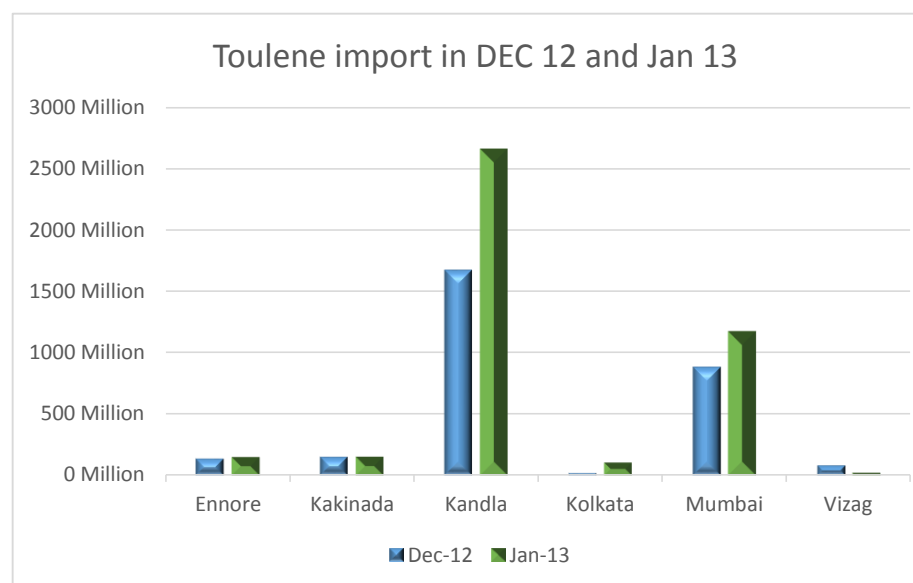
Comparision of percentage share based on Value and Quantity

Country	Quantity	Percentage Share
ISRAEL	687 MTS	1.202021948
KOREA,REPUBLIC OF	34863 MTS	60.97964806
MALAYSIA	2738 MTS	4.789428308
SINGAPORE	13332 MTS	23.3199779
THAILAND	4973 MTS	8.698276977
SPAIN	578 MTS	1.010646802

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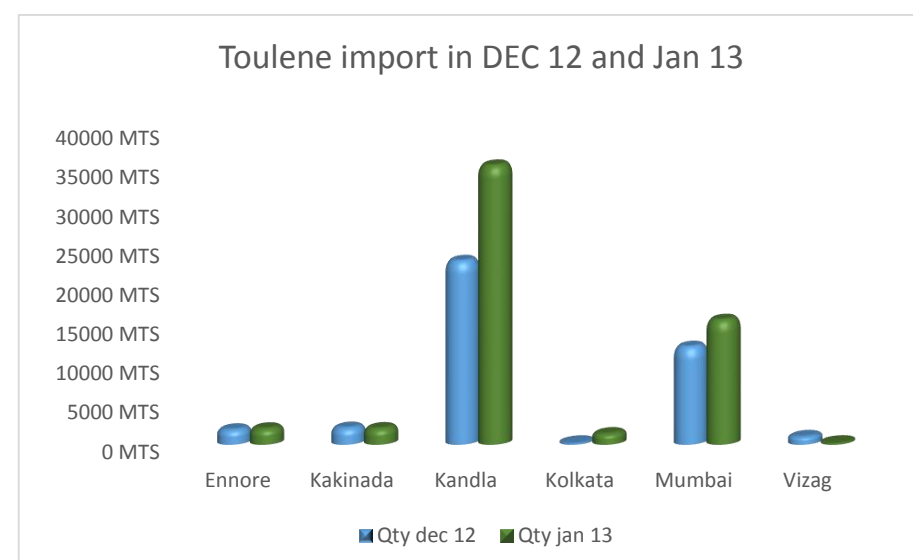
January showed an increase of 44.66% increase in the import of Toulene based on Value

Port	Dec-12	Jan-13	Percentage change
Ennore	137 Million	151 Million	10.13
Kakinada	152 Million	153 Million	0.9
Kandla	2 Billion	3 Billion	58.94
Kolkata	18 Million	106 Million	479.36
Mumbai	889 Million	1178 Million	32.56
Vizag	82 Million	21 Million	-74.44
	2955 Million	4274 Million	44.66



January showed an increase of 38.89% increase in the import of Toulene based on Quntity

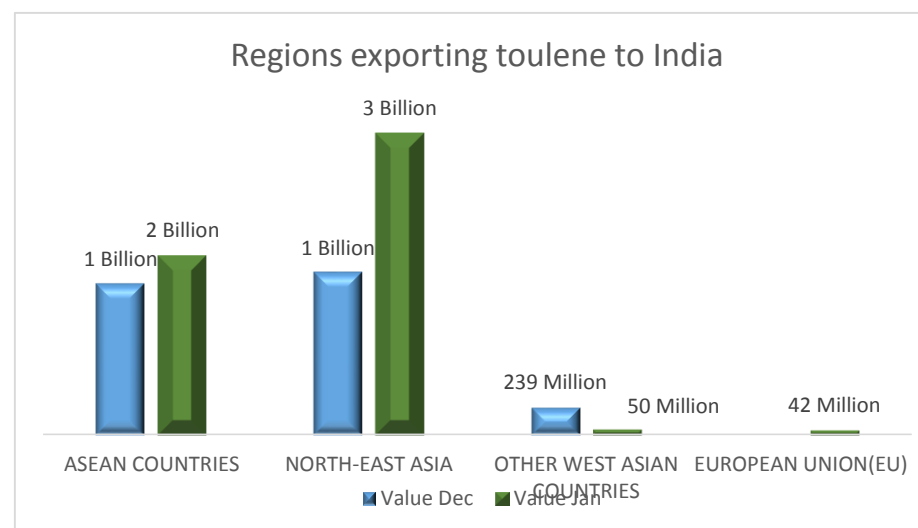
Port	Qty dec 12	Qty jan 13	Percentage change
Ennore	1926 MTS	2056 MTS	6.71
Kakinada	2141 MTS	2086 MTS	-2.56
Kandla	23349 MTS	35474 MTS	51.93
Kolkata	260 MTS	1428 MTS	449.45
Mumbai	12436 MTS	15859 MTS	27.53
Vizag	1053 MTS	270 MTS	-74.34
	41165 MTS	57172 MTS	38.89



Graphical Overview of imports in India under ch. 29 during January 2013 from around the Globe.

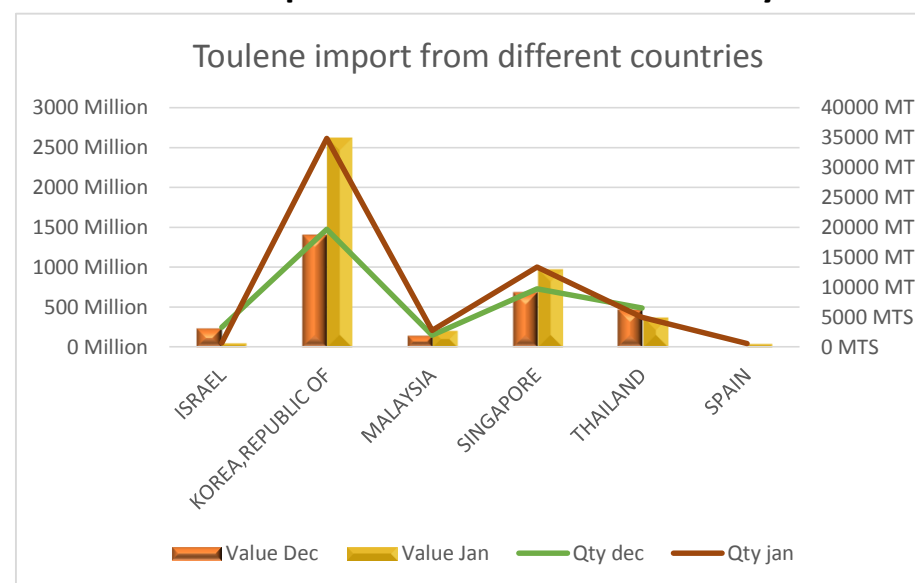
NORTH-EAST ASIA Was the highest gainer from the increase in demand of Toulene from India

Regions	Value Dec	Value Jan	Percentage change
ASEAN COUNTRIES	1 Billion	2 Billion	19.51
NORTH-EAST ASIA	1 Billion	3 Billion	86.07
OTHER WEST ASIAN COUNTRIES	239 Million	50 Million	-79.24
EUROPEAN UNION(EU)		42 Million	



Spain exported 578 MTS of Toulene for 42 Million INR which is chepest and is next to Israel only

Country	Value Dec	Value Jan	Qty dec	Qty jan
ISRAEL	239 Million	50 Million	3310 MTS	687 MTS
KOREA,REPUBLIC OF	1 Billion	3 Billion	19665 MTS	34863 MTS
MALAYSIA	145 Million	205 Million	1971 MTS	2738 MTS
SINGAPORE	1 Billion	982 Million	9710 MTS	13332 MTS
THAILAND	473 Million	375 Million	6508 MTS	4973 MTS
SPAIN		42 Million		578 MTS



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