

New dining tables are sold in India
every month

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New dining tables are sold in India every month

Approach:-

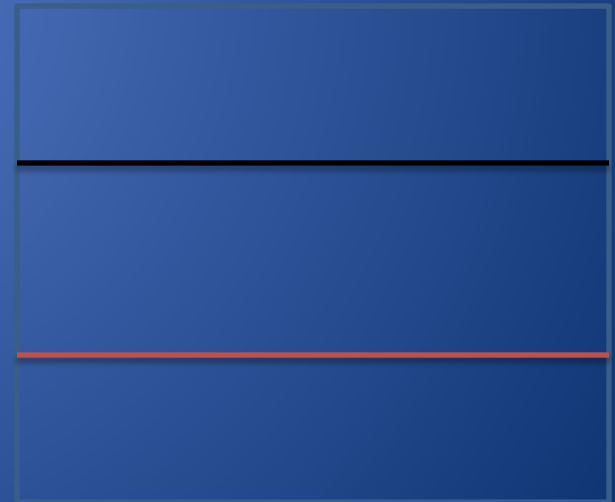
Dining tables are Mainly purchased at Houses, Restaurants, Mess, Canteens etc. So we will discuss each location briefly.

Area of India

Assume India to be a square with highway red and black and length of highway is 50Km and distance between both highway's is 30Km .

We assumed that most population is concentrated (urban area) between both highways and this is urban area.

Approx Area of India= $50 \times 50 = 2500 \text{Km}^2$



Indian Region



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graph TD; IR[Indian Region] --- A((A)); IR --- B((B)); IR --- C((C)); A --- A1[Urban]; A1 --- A2["Area = 30*50 = 1500Km²"]; A2 --- A3["Considering 1000 houses in 1Km²"]; A3 --- A4["Total houses in urban area is 15*10⁵ Houses"]; B --- B1[Slum Area]; B1 --- B2["Area of slum is nearly 1 to 2% and there is no buyer of dining table."]; B2 --- B3["So This part is not in our calculation."]; C --- C1[Rural]; C1 --- C2["Area = 20*50 = 1000Km²"]; C2 --- C3["Considering 1000 houses in 1Km²"]; C3 --- C4["Total houses in urban area is 15*10⁵ Houses"];
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A

Urban

**Area = 30×50
= 1500Km^2**

**Considering 1000
houses in 1Km^2
Total houses in urban
area is 15×10^5
Houses**

B

Slum Area

**Area of slum is
nearly 1 to 2% and
there is no buyer of
dining table.**

**So This part is not in
our calculation.**

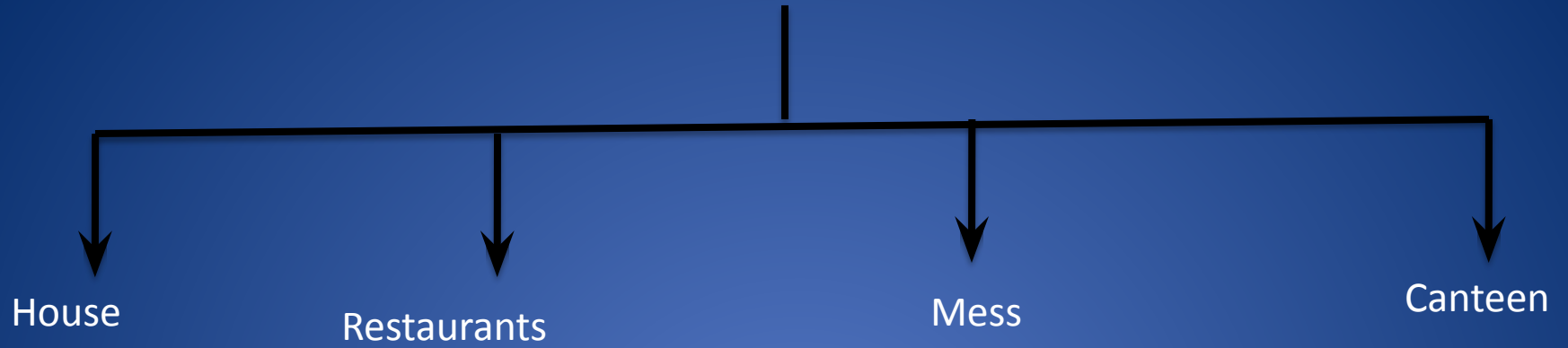
C

Rural

**Area = 20×50
= 1000Km^2**

**Considering 1000
houses in 1Km^2
Total houses in urban
area is 15×10^5
Houses**

Expected Buyers



Urban Area

Houses = Considering 1000 houses in 1Km^2 Total houses in urban area is $1500 \times 1000 = 1.5 \times 10^6$ Houses

Restaurants = Considering 20 restaurants in 1Km^2 Total restaurants in urban are is $1500 \times 20 = 30000$ restaurants.

Mess = Considering 2 School/College in 1Km^2 and 1 mess in each college so to total mess are = $1500 \times 2 = 3000$ Mess.

Canteen = As we considered 2 school/college in 1Km^2 and assuming that 2 canteen in 1 school/college so total canteen are = $1500 \times 2 \times 2 = 6000$.

Rural Area

Houses = Considering 400 houses in 1Km^2 Total houses in urban area is $1500 * 400 = 6 * 10^5$ Houses

Restaurants = Considering 5 restaurants in 1Km^2 Total restaurants in urban are is $1500 * 4 = 6000$ restaurants.

Mess = Considering 1 School/College in 1Km^2 and 1 mess in each college so to total mess are = $1500 * 1 = 1500$ Mess.

Canteen = As we considered 1 school/college in 1Km^2 and assuming that 1 canteen in 1 school/college so total canteen are = $1500 * 1 * 1 = 1500$.

Urban Area Selling

	Houses		Resturants		Mess		Canteen	
Total	1500000		30000		3000		6000	
	New (12%)	Renovated (15%)	New (8%)	Renovated (14%)	New (2%)	Renovated (15%)	New (2%)	Renovated (15%)
General quantity in 1	1	1	12	12	25	25	6	6
Tatal	180000	225000	28800	50400	1500	11250	720	5400

Total from urban area = 503070

Rural Area Selling								
	Houses		Resturants		Mess		Canteen	
Total	600000		6000		1500		1500	
	New (12%)	Renovat ed(15%)	New(8%)	Renovated (14%)	New (2%)	Renovate d (15%)	New(2%)	Renovate d 15%)
General quantity in 1	1	1	8	8	15	15	3	3
Tatal	72000	72000	3840	6720	450	3375	90	675

Total from rural area = 159150

Total sold dining tables = 503070 + 159150 = 662220

Thank You