

**What is the total number of internships (including apprenticeships) that get offered in a year in India?**

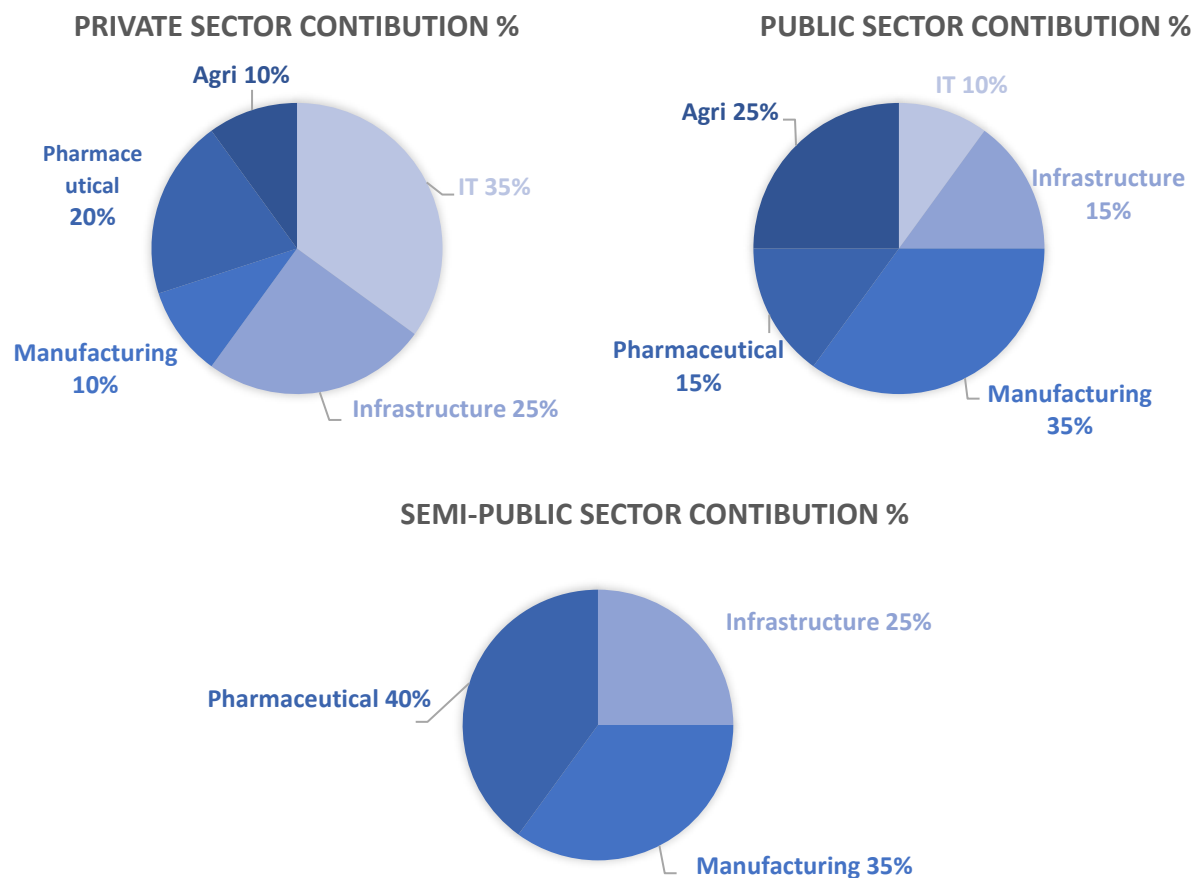
Assumptions:

1. Total Active Companies in India 1 Million.
2. Companies in India has been divided into 3 categories: -Public, Private, Semi-Public(Semi-Govt.)
  - Public :- 1,50,000 Companies
  - Private:- 8,00,000 Companies
  - Semi Public- 50,000 Companies
3. Each Category is having following sectors.

	% Distribution of Each Sector		
Sector Name	Private	Public	Semi Public(Semi-Govt.)
IT	35%	10%	-
Infrastructure	25%	15%	25%
Manufacturing	10%	35%	35%
Pharmaceutical	20%	15%	40%
Agriculture	10%	25%	-
Total	100%	100%	100%

**Table 1. Distribution of each sector in category**

**Pictorial Representation:**



4. Number of Internship roles offered by each sector in respective category.

Sector Name	Private	Public	Semi Public(Semi-Govt.)
IT	15	5	-
Infrastructure	14	6	2
Manufacturing	10	8	6
Pharmaceutical	7	2	2
Agriculture	4	4	-

**Table 2. Roles Offered for Internship**

## Calculations:

### Total number of companies categorywise:

#### 1. Public

10% of 150000 public companies are IT sector=  $150000 \times 10/100 = 15000$   
 15% of 150000 public companies are Infrastructure sector=  $150000 \times 15/100 = 22500$   
 35% of 150000 public companies are Manufacturing sector=  $150000 \times 35/100 = 52500$   
 15% of 150000 public companies are Pharmaceutical sector=  $150000 \times 15/100 = 22500$   
 25% of 150000 public companies are Agricultural sector=  $150000 \times 25/100 = 37500$

#### 2. Private

35% of 800000 private companies are IT sector=  $800000 \times 35/100 = 280000$   
 25% of 800000 private companies are Infrastructure sector=  $800000 \times 25/100 = 200000$   
 10% of 800000 private companies are Manufacturing sector=  $800000 \times 10/100 = 80000$   
 20% of 800000 private companies are Pharmaceutical sector=  $800000 \times 20/100 = 160000$   
 10% of 800000 private companies are Agricultural sector=  $800000 \times 10/100 = 80000$

#### 3. Semi-Public

25% of 50000 semi-public companies are Infrastructure sector=  $50000 \times 25/100 = 12500$   
 35% of 50000 semi-public companies are Manufacturing sector=  $50000 \times 35/100 = 17500$   
 40% of 50000 semi-public companies are Pharmaceutical sector=  $50000 \times 40/100 = 20000$

### Total number of Internship offered categorywise:

#### 1. Public

15000 IT companies provides 5 different roles for internship=  $15000 \times 5 = 75000$   
 22500 Infrastructure companies provides 6 different roles for internship =  $22500 \times 6 = 135000$   
 52500 Manufacturing companies provides 8 different roles for internship =  $52500 \times 8 = 420000$   
 22500 Pharmaceutical companies provides 2 different roles for internship =  $22500 \times 2 = 45000$   
 37500 Agricultural companies provides 4 different roles for internship =  $37500 \times 4 = 150000$

**Number of Internships in Public category**  $75000 + 135000 + 420000 + 45000 + 150000 = 825000$

## 2. Private

280000 IT companies provides 15 different roles for internship= $280000 \times 15 = 4200000$

200000 Infrastructure companies provides 14 different roles for internship = $200000 \times 14 = 2800000$

80000 Manufacturing companies provides 10 different roles for internship  
= $80000 \times 10 = 800000$

160000 Pharmaceutical companies provides 7 different roles for internship  
= $160000 \times 7 = 1120000$

80000 Agricultural companies provides 4 different roles for internship = $80000 \times 4 = 320000$

**Number of Internships in Private category  $4200000 + 2800000 + 800000 + 1120000 + 320000 = 9240000$**

## 3. Semi-Public

17500 Manufacturing companies provides 6 different roles for internship = $17500 \times 6 = 105000$

12500 Infrastructure companies provides 2 different roles for internship = $12500 \times 2 = 25000$

20000 Pharmaceutical companies provides 2 different roles for internship = $20000 \times 2 = 40000$

**Number of Internships in Semi Public category  $105000 + 25000 + 40000 = 170000$**

Different Categories	Number of Internship
Public	825000
Private	9240000
Semi-public	170000
<b>Sum</b>	<b>10235000</b>

## Conclusion

According to this guesstimate the Total number of Internship (including apprenticeship) offered in India in a year is approximately **10.24 Million**

## NOTE:

- Apprenticeships are mostly offered in Public Category companies, so here Internship is measured as Apprenticeships in public category.