



INSIGHTS FROM THE PERIODIC LABOUR FORCE SURVEY 2017-2018

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Introduction

Employment and Unemployment Surveys (EUS) of the National Sample Survey Office (NSSO) are the primary source of labour market data in India. These surveys were conducted quinquennially from 1972, with the last one being conducted in 2011-2012. The Periodic Labour Force Survey (PLFS) was introduced in 2017-2018 to produce annual estimates of employment and unemployment characteristics for rural and urban areas, along with quarterly estimates for urban areas.



Insights in this document are based on an analysis of data from the PLFS conducted by the NSS from July 2017 to June 2018.

The survey was spread over 7,014 villages and 5,759 urban blocks covering 1,02,113 households (56,108 in rural areas and 46,005 in urban areas)



The survey conducted enumerations of 4,33,339 persons (2,46,809 in rural areas and 1,86,530 in urban areas)

Sample Design

Sample Design	Urban	Rural	Rural and Urban
Coverage	The survey covered the whole of the Indian Union	The survey covered the whole of the Indian Union (except the villages in Andaman and Nicobar Islands)	
Rotational scheme for pilot survey (for urban only)	Two-year rotational panel sampling design: Each selected household will be visited four times	There will not be any revisit in the rural samples.	Sampling frames for both rural and urban areas will remain unchanged for every two-year duration. Each quarter will cover 25% of annual first stage units (FSUs). Samples for all the 8 quarters will be selected before commencement of survey for each two-year period.
Stratified multi-stage design	The FSUs are the Urban Frame Survey (UFS) blocks.	The FSUs are 2011 Population Census villages (Panchayat wards for Kerala)	The Ultimate Stage Units (USU) are households. In the case of large FSUs one intermediate stage unit, called hamlet group/sub-block, will be formed
Stratification	Strata will be formed within each NSS region on the basis of size class of towns as per Population Census 2011	Each NSS region will constitute rural stratum. In case of rural sectors of Nagaland, a special stratum has been formed	
Sub-Stratification	There will be no sub-stratification	'r/8' sub-strata will be formed in each rural stratum, where r = sample size allocated for a rural stratum.	
Sampling Frame for FSUs	The list of latest available UFS blocks	List of 2011 Population Census villages (Panchayat wards for Kerala)	After completion of every two-year period, the frames will be updated for incorporating the changes likely to occur during this period
Sample Size	5,759 urban blocks	7,014 villages	102,113 households (56,108 rural & 46,005 urban) - 433,339 persons (246,809 rural & 186,530 urban)

INSIGHTS LABOUR FORCE

Labour Force Participation

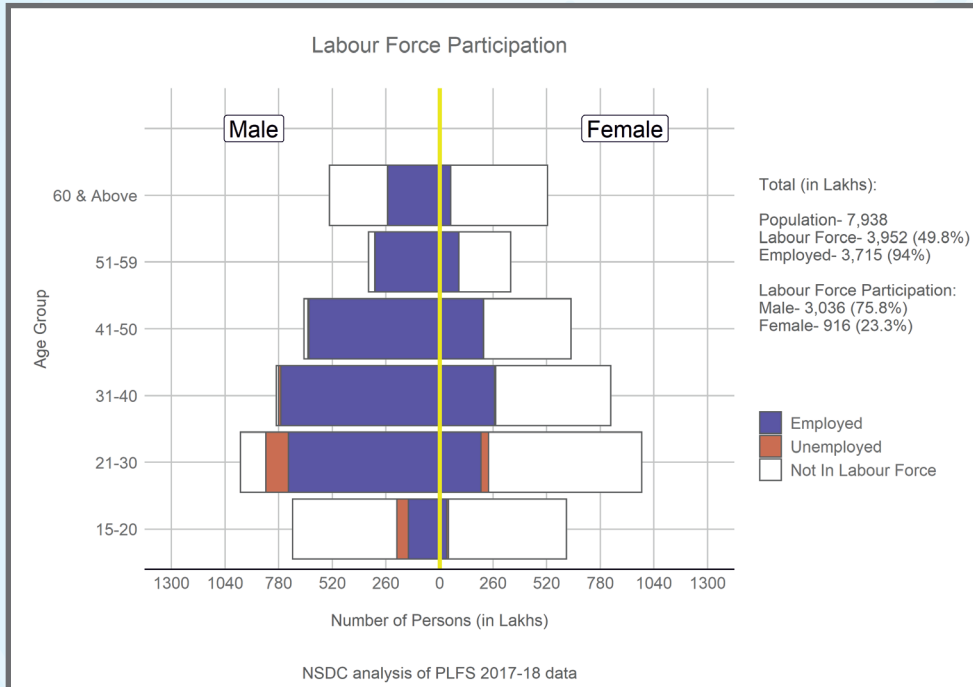


Figure 1

- India's labour force (above 15 years of age) comprises 9.16 crore females and 30.36 crore males
- Total unemployment is 2.37 crores of which 2.08 crore are 15 - 30 years of age

Male Population - 4,005.08 Lakh
Female Population - 3,931.71 Lakh

Persons not in Labour Force

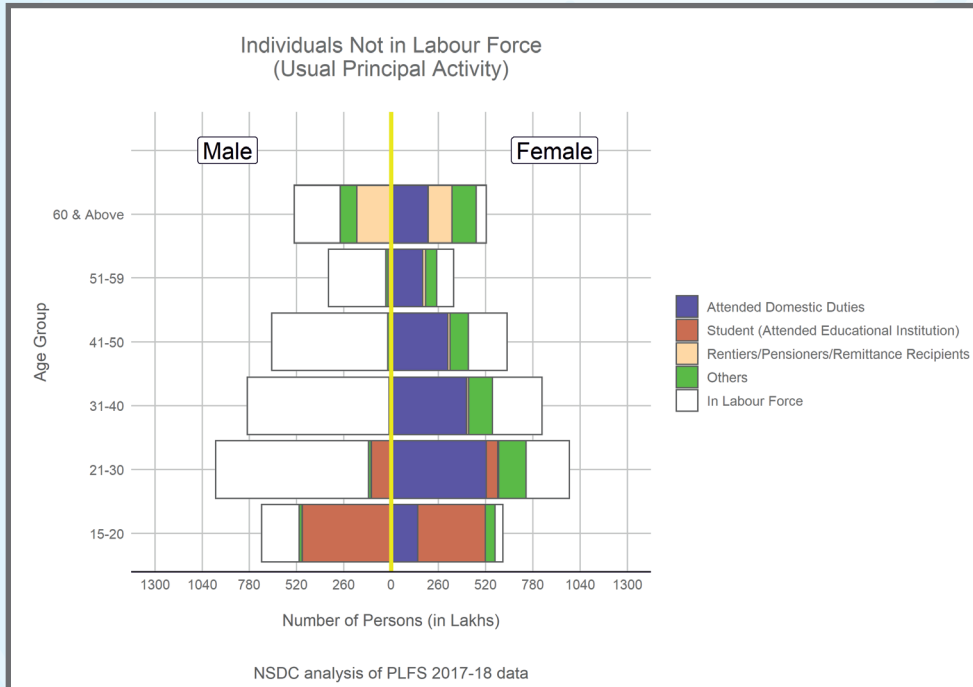


Figure 2

- 39.85 crore persons (above 15 years of age) are not in the labour force, of which 30.16 crore are females
- 10.22 crore persons who are not in the labour force report their status as 'Students'
- 17.74 crore females who are not in the labour force report their status as 'Attended domestic duties'

Composition of Labour Force across Rural & Urban Regions

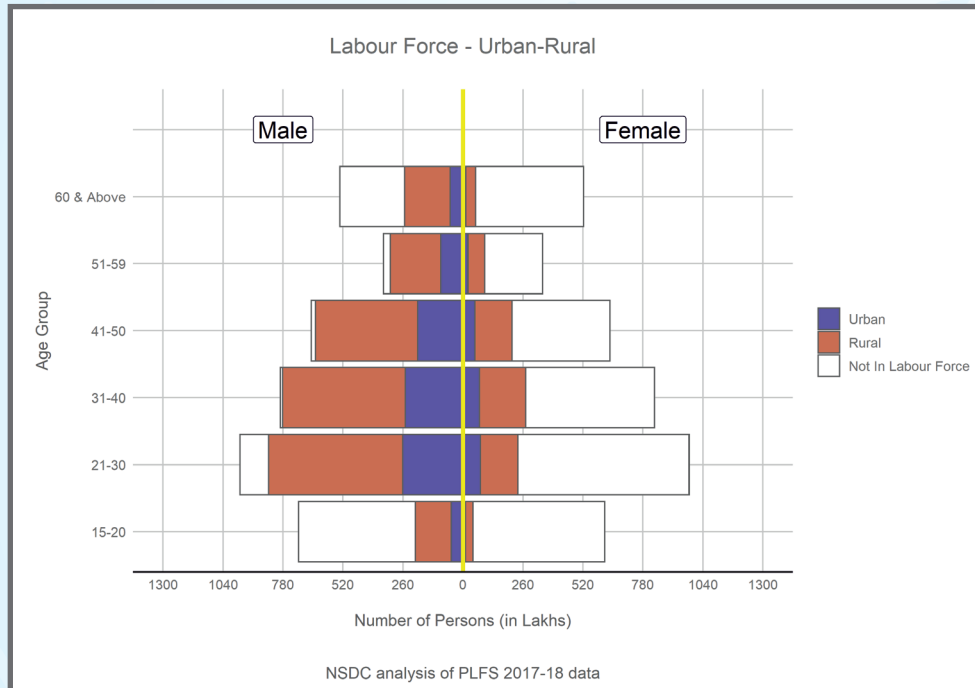


Figure 3

Over 70% of India's labour force is in rural areas

Total (in Lakhs):

- Urban Population - 2,425.81
- Rural Population - 5,512.32

Labour Force Participation (LFP):

- Urban - 1,155.24 (47.62%)
- Rural - 2,797.13 (50.74%)
- Male LFP (Urban) - 910.24 (74.47%)
- Female LFP (Urban) - 244.86 (20.35%)
- Male LFP (Rural) - 2,125.65 (76.39%)
- Female LFP (Rural) - 670.99 (24.59%)

Composition of Employed Persons across Rural & Urban Regions

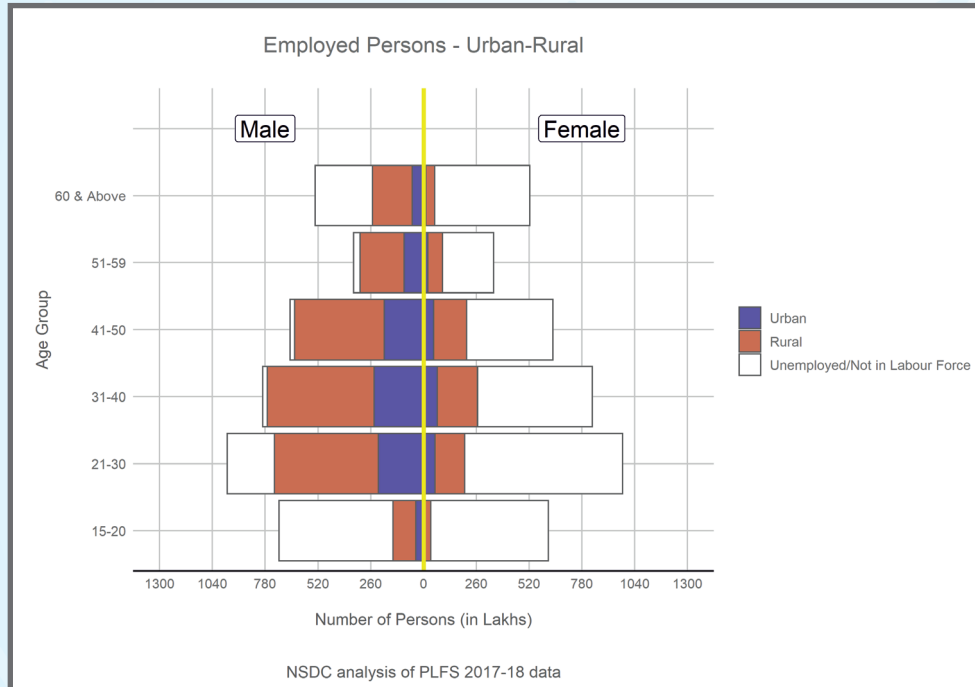


Figure 4

71% of the country's employed persons are employed in rural areas

Total (in Lakhs):

- Urban Population - 2,425.81
- Rural Population - 5,512.32

Employed Persons (percentage of population in parenthesis):

- Urban - 1,065.77 (43.93%)
- Rural - 2,649.69 (48.07%)
- Male LFP (Urban) - 847.09 (69.30%)
- Female LFP (Urban) - 218.54 (18.17%)
- Male LFP (Rural) - 2,003.50 (72.00%)
- Female LFP (Rural) - 645.70 (23.66%)

Composition of Educated Persons

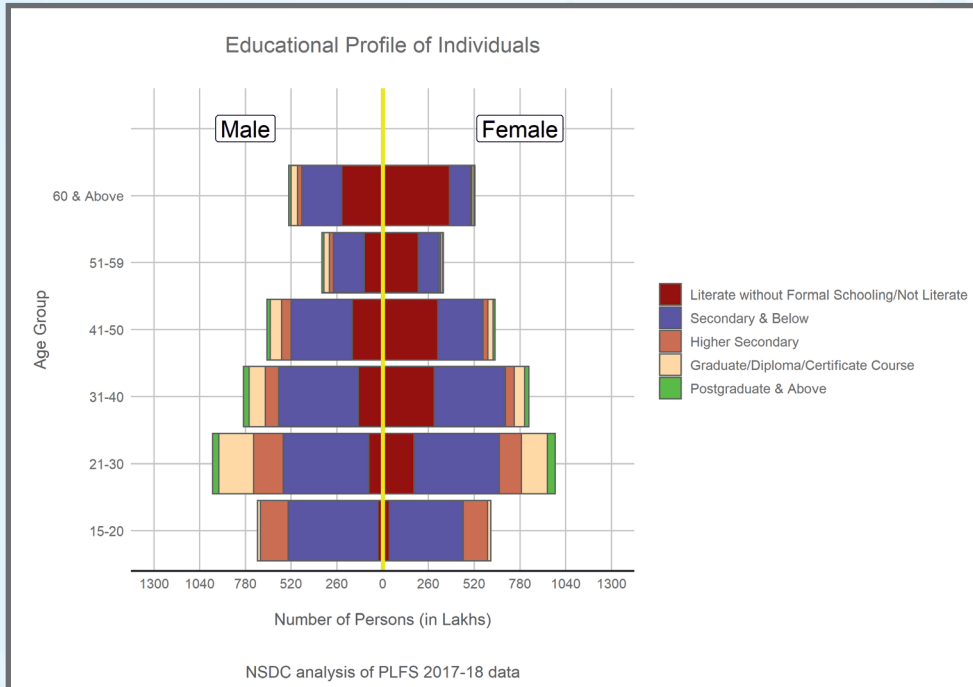


Figure 5

Over 73% of the country's male population and 81% of its female population is either Literate without formal schooling/not literate, or has secondary & below education level.

Male Population - 4,005.08 Lakh
Female Population - 3,931.71 Lakh

Industry Composition of Employed Persons

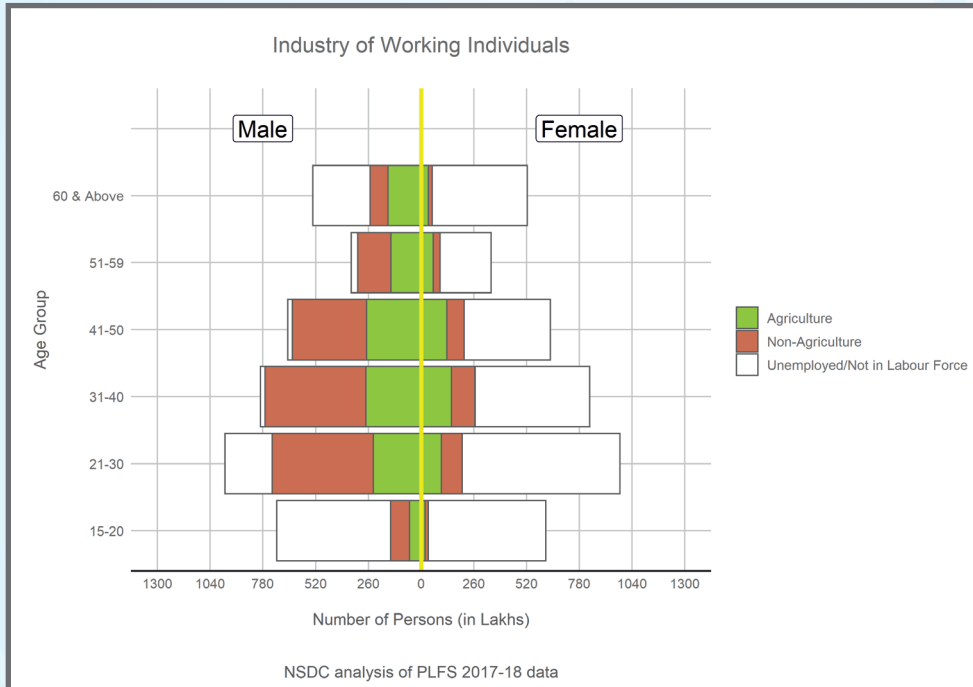


Figure 6

- 44% of employed persons are working in agriculture.
- The corresponding figure for females is 57% and for males is 40%.

Employed persons - 3,715 Lakh
Female - 864.24 Lakh
Male - 2,851 Lakh

INSIGHTS FORMALLY TRAINED

Formally Trained Persons

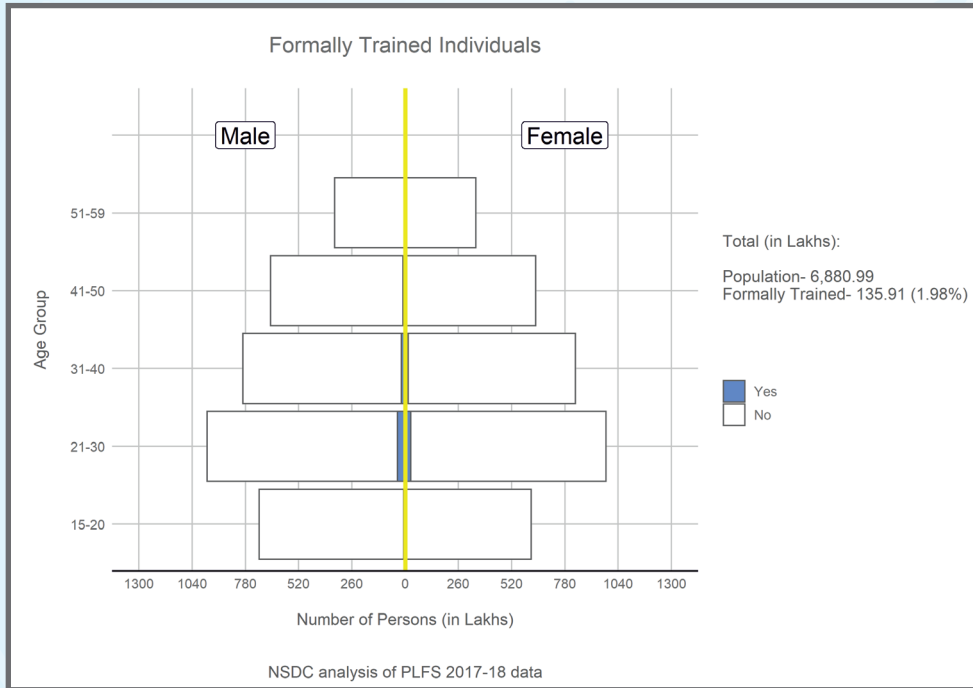


Figure 7

According to PLFS data:

- India has 1.36 crore formally trained persons are 15 - 59 years of age (1.98% of population are 15 - 59 years of age)
- 42% (56.6 lakhs) of the formally trained individuals are females
- Nearly 60% (80.4 lakhs) are 15 - 30 years of age

Formally Trained - Region

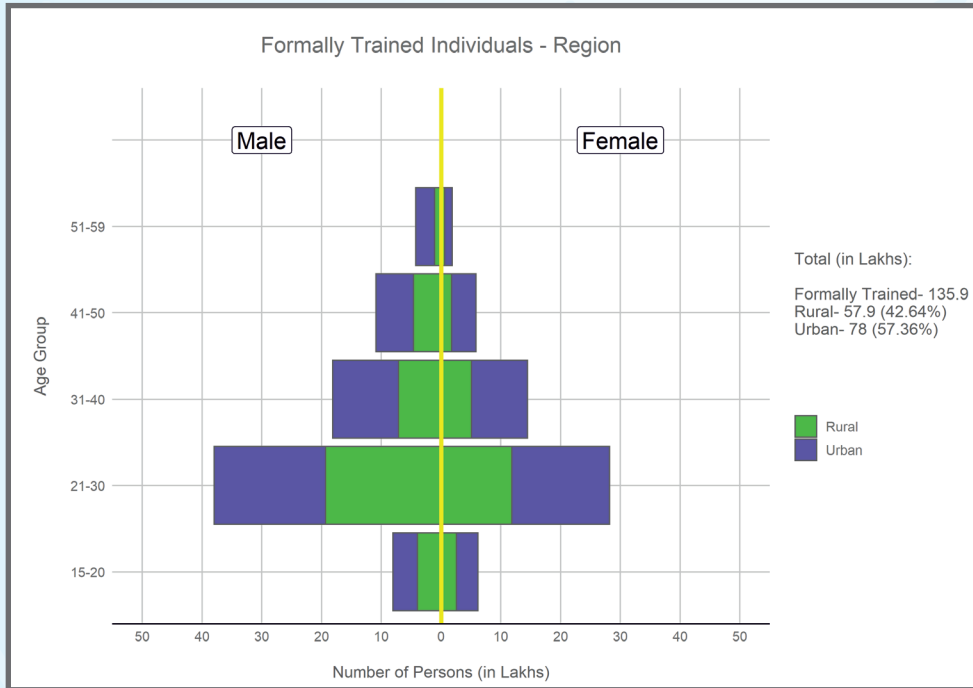


Figure 8

57% of the formally trained persons are in urban areas

Formally Trained - Education

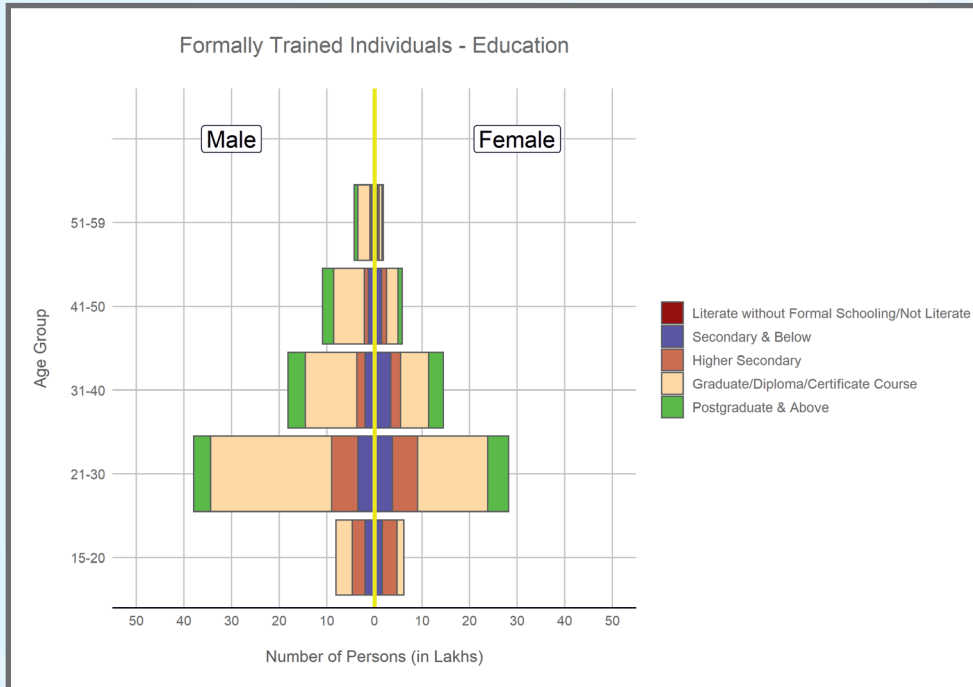
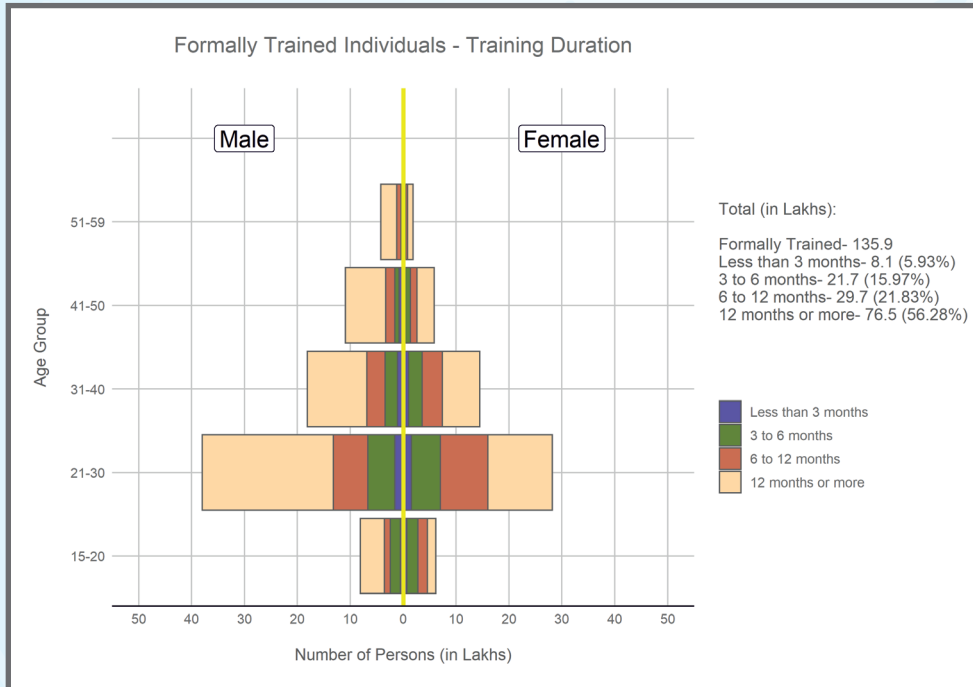


Figure 9

- 54% of formally trained persons have education level 'Graduate/Diploma/Certificate Course'.
- The corresponding figures for males and females is 61% and 44%, respectively.

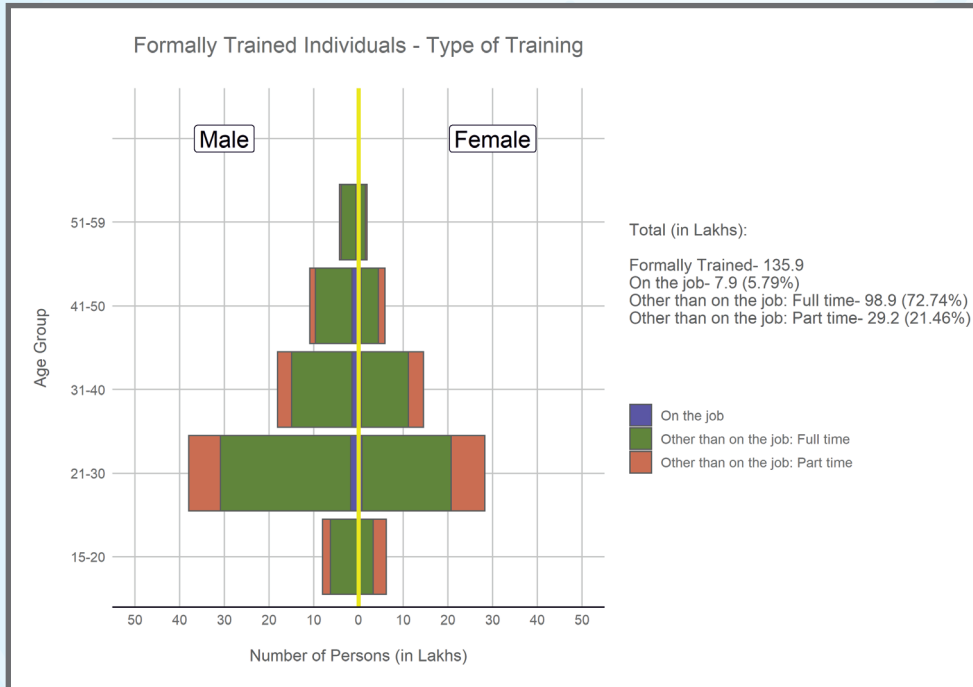
Formally Trained - Training Duration



22% of the formally trained individuals underwent training programs of less than 6 months duration

Figure 10

Formally Trained - Type of Training



72% of the formally trained individuals have undergone full time training other than on-the-job training

Figure 11

Formally Trained - Source of Funding the Training

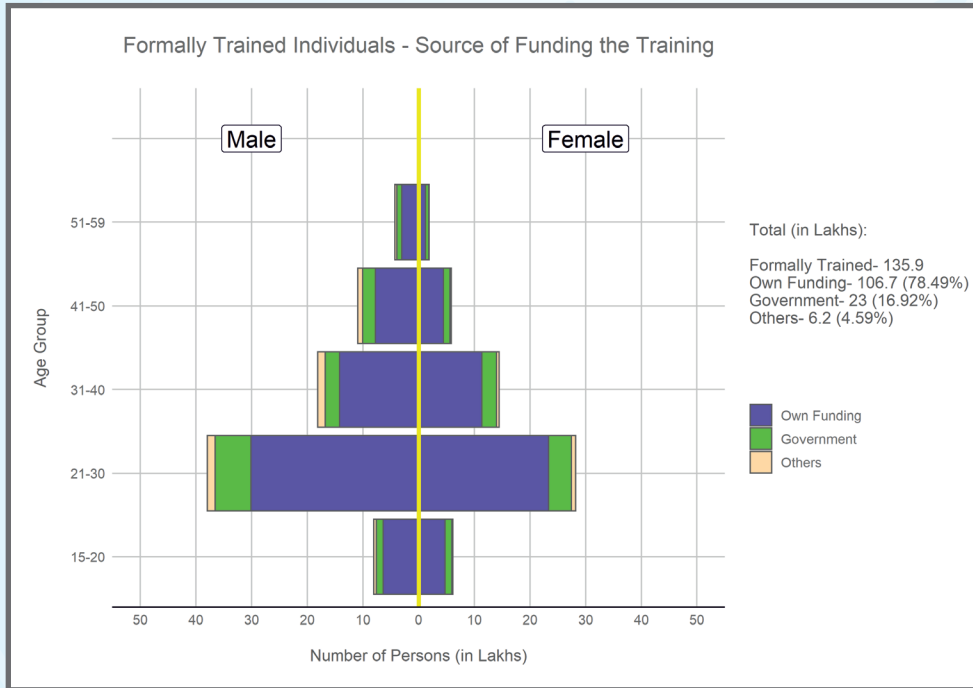
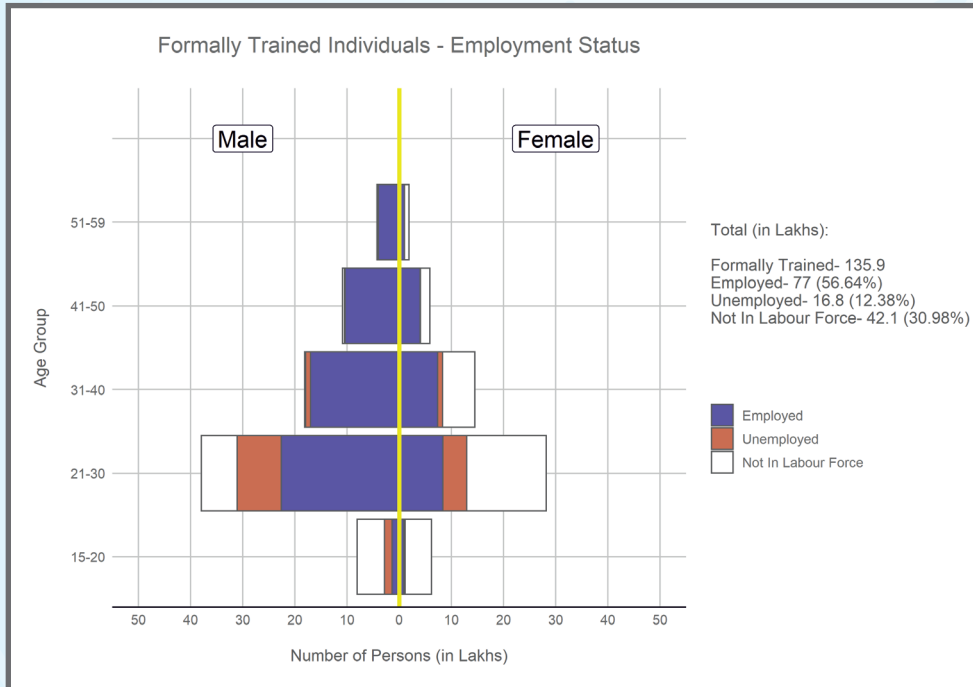


Figure 12

78% of the formally trained persons paid for the training through 'own funding'

Formally Trained - Employment Status



82% of the formally trained individuals who are in the labour force are employed

Figure 13

INSIGHTS INFORMALLY TRAINED

Informally Trained Persons

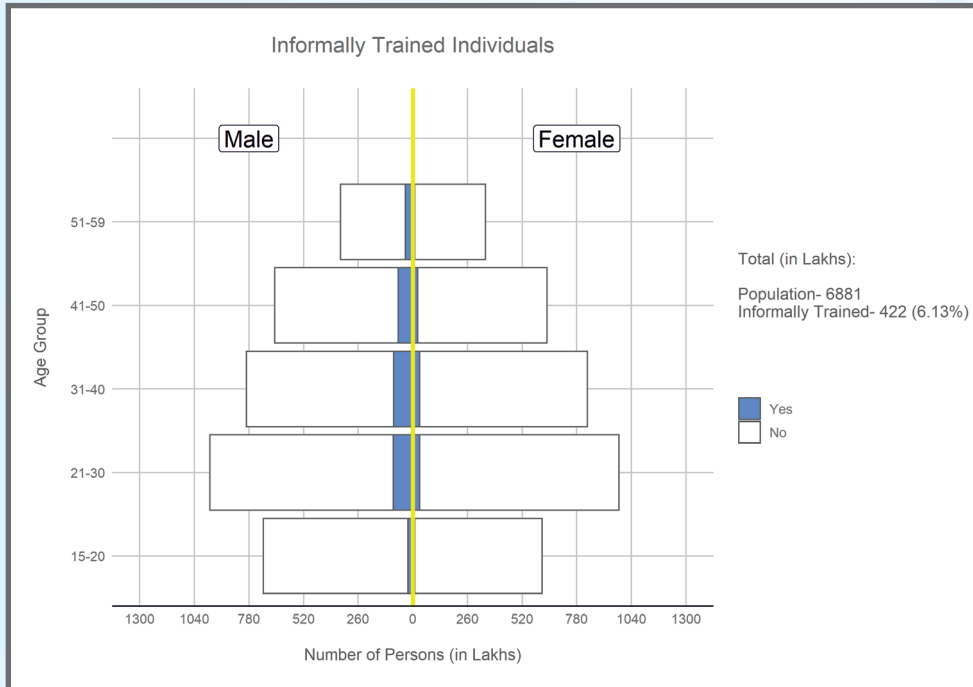


Figure 14

According to PLFS data:

- India has 4.22 crore informally trained persons are 15 - 59 years of age (6.13% of population are 15 - 59 years of age)
- 25% (1.07 crore) of the informally trained individuals are females
- 52% (2.19 crore) are 31 - 50 years of age; 37% (1.58 crore) are 15 - 30 years of age

Informally Trained - Source of Training

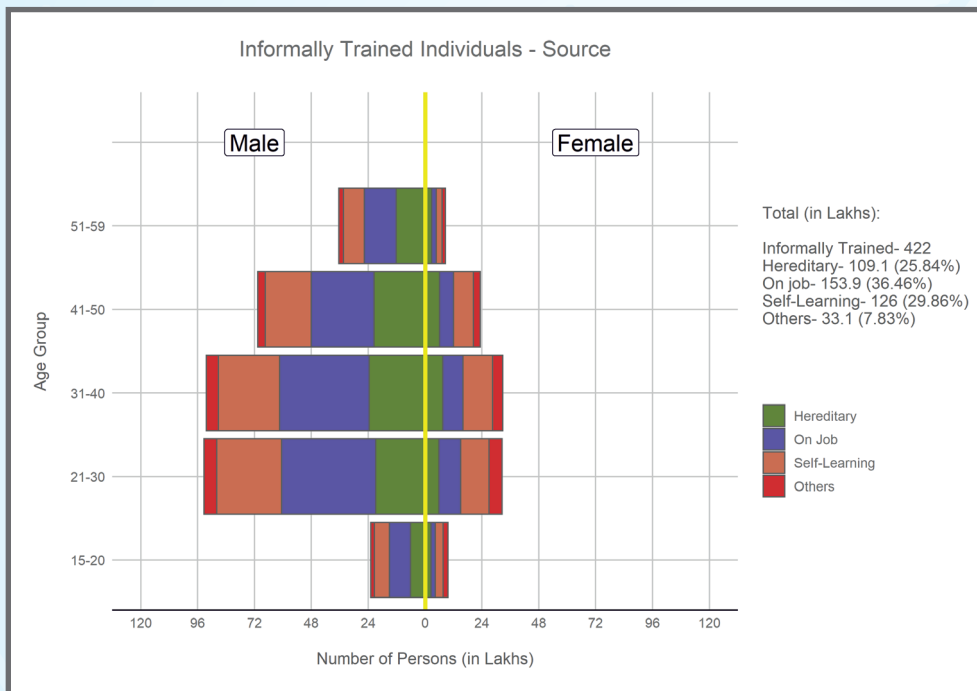


Figure 15

Over 36% cite on-the-job training and 30% self-learning as the source of informal training

Informally Trained - Region

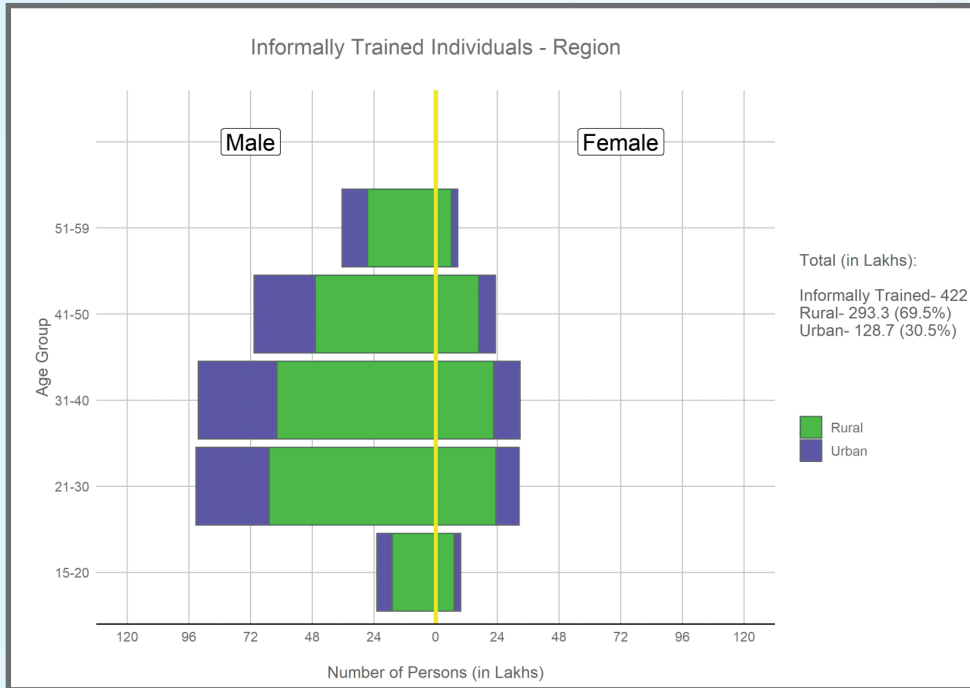


Figure 16

- 69% of the informally trained persons are in rural areas
- Among youngest and oldest age groups (15 - 20 & 51 - 59 years) about 73% of the informally trained persons belong to rural areas. Corresponding figure for the other 3 age groups is about 69%

Informally Trained - Education

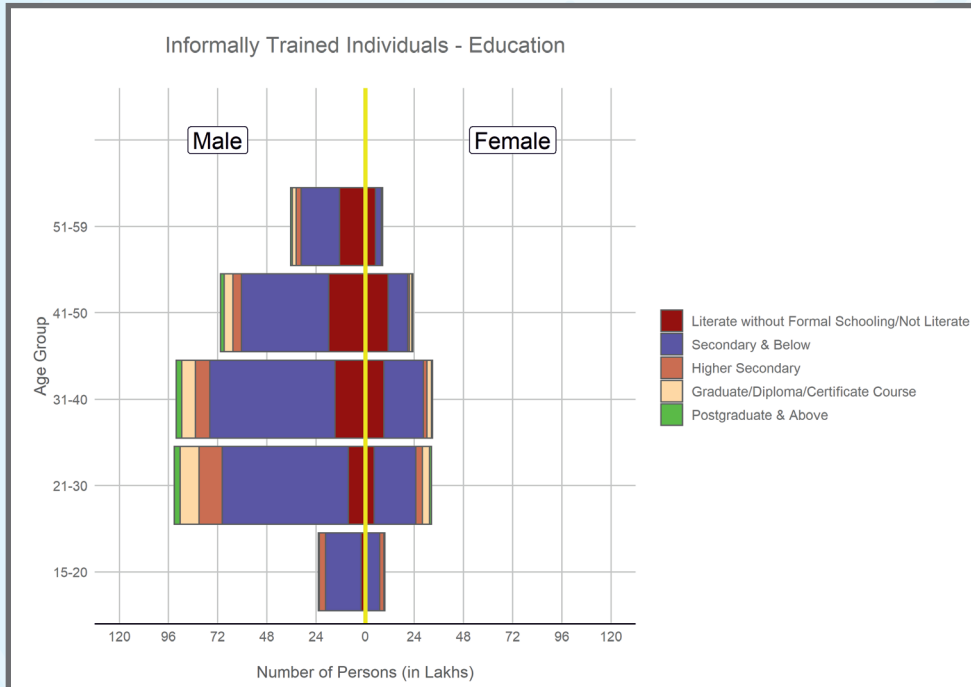


Figure 17

3.46 crore (82%) informally trained persons are either literate without formal schooling/not literate, or have secondary & below education level

Informally Trained - Employment Status

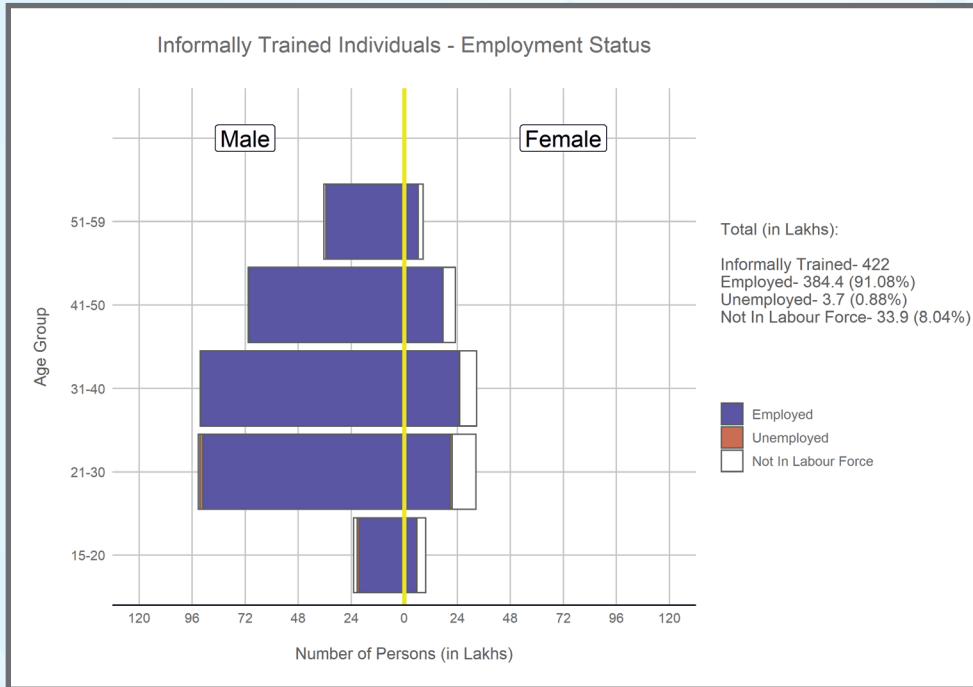


Figure 18

99% of the informally trained individuals who are in the labour force are employed

Data Tables Corresponding to Figures 1-18

Labour Force Participation



Gender	Age Group (in Years)	Employed (in Lakhs)	Unemployed (in Lakhs)	Not In Labour Force (in Lakhs)
Female	15-20	35.52	8.2	571.21
	21-30	201.99	35.69	742.77
	31-40	265.99	6.44	558.06
	41-50	212.17	1.09	424.37
	51-59	94.15	0.07	250.69
	60 & Above	54.42	0.12	468.77
Total (Female)		864.24	51.61	3015.87
Male	15-20	150.52	55.5	506.12
	21-30	733.52	108.83	123.95
	31-40	768.95	12.24	10.25
	41-50	634.02	4.8	18.18
	51-59	312.06	2.64	29.8
	60 & Above	251.52	1.28	280.89
Total (Male)		2850.59	185.29	969.19
Total		3714.83	236.9	3985.06

Table 1

Persons not in Labour Force

Gender	Age Group (in Years)	Attended Domestic Duties (in Lakhs)	Student (in Lakhs)	Rentiers/Pensioners/Remittance Recipients (in Lakhs)	Others (in Lakhs)	In Labour Force (in Lakhs)
Female	15-20	147.08	370.85	0.74	52.54	43.72
	21-30	523.94	61.82	6.28	150.73	237.68
	31-40	414.47	1.28	11.47	130.84	272.43
	41-50	311.86	0.41	11.89	100.21	213.27
	51-59	173.33	0.37	16.28	60.71	94.22
	60 & Above	203.26	0.92	130.37	134.21	54.54
Total (Female)		1773.94	435.65	177.03	629.24	915.86
Male	15-20	7.09	481.54	1.64	15.85	206.02
	21-30	3.2	104.25	2.44	14.05	842.35
	31-40	0.97	0.86	1.75	6.67	781.19
	41-50	2.29	0.12	5.81	9.97	638.82
	51-59	2.07	0	14.6	13.13	314.71
	60 & Above	8.29	0.09	180.44	92.08	252.8
Total (Male)		23.91	586.86	206.68	151.75	3035.89
Total		1797.85	1022.51	383.71	780.99	3951.75

Table 2

Composition of Labour Force across Rural & Urban Regions

Gender	Age Group (in Years)	Rural (in Lakhs)	Urban (in Lakhs)	Not In Labour Force (in Lakhs)
Female	15-20	32.32	11.4	571.21
	21-30	161.81	75.87	742.77
	31-40	200.12	72.31	558.06
	41-50	161.62	51.65	424.37
	51-59	72.6	21.62	250.69
	60 & Above	42.53	12.02	468.77
	Total (Female)		671	244.87
Male	15-20	155.15	50.87	506.12
	21-30	581.2	261.15	123.95
	31-40	531.89	249.3	10.25
	41-50	442.17	196.65	18.18
	51-59	218.02	96.69	29.8
	60 & Above	197.23	55.57	280.89
	Total (Male)		2125.66	910.23
Total		2796.66	1155.1	3985.06

Table 3

Composition of Employed Persons across Rural & Urban Regions

Gender	Age Group (in Years)	Rural (in Lakhs)	Urban (in Lakhs)	Unemployed/Not In Labour Force (in Lakhs)
Female	15-20	26.77	8.74	579.41
	21-30	145.04	56.95	778.46
	31-40	197.57	68.42	564.5
	41-50	161.27	50.91	425.46
	51-59	72.58	21.57	250.76
	60 & Above	42.46	11.96	468.89
	Total (Female)		645.69	218.55
Male	15-20	113.2	37.32	561.62
	21-30	510.69	222.84	232.78
	31-40	526.42	242.53	22.49
	41-50	439.91	194.11	22.99
	51-59	216.75	95.31	32.44
	60 & Above	196.54	54.98	282.17
	Total (Male)		2003.51	847.09
Total		2649.2	1065.64	4221.97

Table 4

Composition of Educated Persons

Gender	Age Group (in Years)	Literate without Formal Schooling/Not Literate (in Lakhs)	Secondary & Below (in Lakhs)	Higher Secondary (in Lakhs)	Graduate/Diploma/Certificate Course (in Lakhs)	Postgraduate & Above (in Lakhs)
Female	15-20	37.85	419.14	138.93	19	0
	21-30	177.84	483.8	125.81	148.73	44.27
	31-40	292.53	404.22	51.54	57.76	24.45
	41-50	313.25	257.53	26.99	29.63	10.24
	51-59	201.8	118.01	9.04	11.2	4.85
	60 & Above	380.23	120.3	6.6	11.94	4.22
	Total (Female)		1403.5	1803	358.91	278.26
Male	15-20	27.63	510.7	155.9	17.9	0
	21-30	78.83	485.97	168.56	197.35	35.59
	31-40	137.22	454.46	75.38	92.18	32.2
	41-50	172.35	349.31	52.44	64.98	17.93
	51-59	104.05	175.73	23.13	31.66	9.94
	60 & Above	232.64	227.66	23.84	36.75	12.8
	Total (Male)		752.72	2203.83	499.25	440.82
Total		2156.22	4006.83	858.16	719.08	196.49

Table 5

Industry Composition of Employed Persons

Gender	Age Group (in Years)	Agriculture (in Lakhs)	Non-Agriculture (in Lakhs)	Unemployed/Not in Labour Force (in Lakhs)
Female	15-20	19.57	15.95	579.41
	21-30	99.27	102.72	778.46
	31-40	150.46	115.52	564.5
	41-50	126.54	85.63	425.46
	51-59	60.24	33.91	250.76
	60 & Above	36.23	18.19	468.89
	Total (Female)		492.31	371.92
Male	15-20	57.97	92.54	561.62
	21-30	235.16	498.36	232.78
	31-40	272.57	496.38	22.49
	41-50	269.32	364.69	22.99
	51-59	148.52	163.54	32.44
	60 & Above	162.66	88.86	282.17
	Total (Male)		1146.2	1704.37
Total		1638.51	2076.29	4221.97

Table 6

Formally Trained - Persons

Gender	Age Group (in Years)	Formally Trained-Yes (in Lakhs)	Formally Trained-No (in Lakhs)
Female	15-20	6.19	608.74
	21-30	28.2	952.25
	31-40	14.48	816.01
	41-50	5.87	631.76
	51-59	1.87	343.04
	Total (Female)		56.61
Male	15-20	8.06	704.07
	21-30	37.95	928.33
	31-40	18.14	773.3
	41-50	10.9	646.1
	51-59	4.24	340.27
	Total (Male)		79.29
Total		135.9	6743.87

Table 7

Formally Trained - Region



Gender	Age Group (in Years)	Rural (in Lakhs)	Urban (in Lakhs)
Female	15-20	2.6	3.59
	21-30	11.82	16.38
	31-40	5.09	9.39
	41-50	1.77	4.11
	51-59	0.59	1.27
	Total (Female)		21.87
Male	15-20	3.94	4.12
	21-30	19.33	18.62
	31-40	7.12	11.01
	41-50	4.59	6.31
	51-59	1.09	3.15
	Total (Male)		36.07
Total		57.94	77.95

Table 8

Formally Trained - Education

Gender	Age Group (in Years)	Literate without Formal Schooling/ Not Literate (in Lakhs)	Secondary & Below (in Lakhs)	Higher Secondar (in Lakhs)	Graduate/Diploma/ Certificate Course (in Lakhs)	Postgraduate & Above (in Lakhs)
Female	15-20	0	1.66	3.08	1.45	0
	21-30	0.12	3.67	5.3	14.72	4.38
	31-40	0.07	3.39	2.04	5.89	3.09
	41-50	0.04	1.48	1.01	2.45	0.89
	51-59	0.01	0.65	0.32	0.62	0.26
	Total (Female)		0.24	10.85	11.75	25.13
Male	15-20	0	1.99	2.63	3.45	0
	21-30	0	3.5	5.48	25.39	3.57
	31-40	0.08	1.86	1.74	10.86	3.6
	41-50	0.1	1.2	0.79	6.48	2.34
	51-59	0.01	0.56	0.4	2.49	0.78
	Total (Male)		0.19	9.11	11.04	48.67
Total		0.43	19.96	22.79	73.8	18.91

Table 9

Formally Trained - Training Duration

Gender	Age Group (in Years)	Duration of Training- Less than 3 months (persons in Lakhs)	Duration of Training- 3 to 6 months (persons in Lakhs)	Duration of Training- 6 to 12 months (persons in Lakhs)	Duration of Training- 12 months or more (persons in Lakhs)
Female	15-20	0.71	2.09	1.8	1.59
	21-30	1.55	5.48	8.96	12.22
	31-40	1.02	2.55	3.81	7.1
	41-50	0.38	0.96	1.26	3.27
	51-59	0.28	0.19	0.36	1.04
Total (Female)		3.94	11.27	16.19	25.22
Male	15-20	0.54	1.91	1.08	4.54
	21-30	1.59	5.08	6.5	24.78
	31-40	1.08	2.31	3.44	11.3
	41-50	0.77	0.82	1.71	7.6
	51-59	0.13	0.3	0.76	3.04
Total (Male)		4.11	10.42	13.49	51.26
Total		8.05	21.69	29.68	76.48

Table 10

Formally Trained - Type of Training

Gender	Age Group (in Years)	On the job (in Lakhs)	Other than on the job: Full time (in Lakhs)	Other than on the job: Part time (in Lakhs)
Female	15-20	0.09	3.16	2.94
	21-30	0.79	19.95	7.47
	31-40	0.68	10.48	3.32
	41-50	0.6	3.86	1.42
	51-59	0.21	1.32	0.34
	Total (Female)		2.37	38.77
Male	15-20	0.32	5.93	1.81
	21-30	1.74	29.15	7.06
	31-40	1.45	13.51	3.17
	41-50	1.44	8.17	1.3
	51-59	0.56	3.35	0.34
	Total (Male)		5.51	60.11
Total		7.88	98.88	29.17

Table 11

Formally Trained - Source of Funding the Training

Gender	Age Group (in Years)	Own Funding (in Lakhs)	Government (in Lakhs)	Others (in Lakhs)
Female	15-20	4.79	1.21	0.19
	21-30	23.37	4.09	0.75
	31-40	11.38	2.62	0.48
	41-50	4.49	1.14	0.25
	51-59	1.23	0.61	0.03
Total (Female)		45.26	9.67	1.7
Male	15-20	6.35	1.23	0.48
	21-30	30.11	6.41	1.43
	31-40	14.19	2.55	1.39
	41-50	7.77	2.25	0.89
	51-59	3.02	0.89	0.33
Total (Male)		61.44	13.33	4.52
Total		106.7	23	6.22

Table 12

Formally Trained - Employment Status

Gender	Age Group (in Years)	Employed (in Lakhs)	Unemployed (in Lakhs)	Not In Labour Force (in Lakhs)
Female	15-20	0.88	0.27	5.04
	21-30	8.39	4.53	15.28
	31-40	7.34	0.98	6.16
	41-50	3.98	0.11	1.79
	51-59	1.01	0	0.86
Total (Female)		21.6	5.89	29.13
Male	15-20	1.41	1.42	5.23
	21-30	22.63	8.42	6.91
	31-40	16.99	0.96	0.19
	41-50	10.38	0.12	0.4
	51-59	3.99	0.01	0.24
Total (Male)		55.4	10.93	12.97
Total		77	16.82	42.1

Table 13

Informally Trained - Persons

Gender	Age Group (in Years)	Informally Trained-Yes (in Lakhs)	Informally Trained-No (in Lakhs)
Female	15-20	9.66	605.27
	21-30	32.43	948.02
	31-40	32.82	797.67
	41-50	23.21	614.43
	51-59	8.52	336.38
	Total (Female)		106.64
Male	15-20	22.85	689.29
	21-30	93.22	873.06
	31-40	92.32	699.12
	41-50	70.6	586.4
	51-59	36.36	308.15
	Total (Male)		315.35
Total		421.99	6457.79

Table 14

Informally Trained - Source of Training

Gender	Age Group (in Years)	Hereditary (in Lakhs)	On Job (in Lakhs)	Self-Learning (in Lakhs)	Others (in Lakhs)
Female	15-20	2.54	1.77	3.3	2.05
	21-30	5.78	9.29	11.86	5.49
	31-40	7.47	8.57	12.46	4.31
	41-50	6.08	5.93	8.34	2.86
	51-59	2.85	1.94	2.43	1.31
Total (Female)		24.72	27.5	38.39	16.02
Male	15-20	6.16	8.86	6.35	1.48
	21-30	20.81	39.69	27.46	5.25
	31-40	23.6	37.8	25.78	5.14
	41-50	21.53	26.57	19.3	3.21
	51-59	12.24	13.46	8.72	1.95
Total (Male)		84.34	126.38	87.61	17.03
Total		109.06	153.88	126	33.05

Table 15

Informally Trained - Region

Gender	Age Group (in Years)	Rural (in Lakhs)	Urban (in Lakhs)
Female	15-20	7.19	2.47
	21-30	23.45	8.98
	31-40	22.59	10.23
	41-50	16.82	6.39
	51-59	6.15	2.37
Total (Female)		76.2	30.44
Male	15-20	16.97	5.88
	21-30	64.88	28.34
	31-40	61.82	30.5
	41-50	46.91	23.69
	51-59	26.5	9.86
Total (Male)		217.08	98.27
Total		293.28	128.71

Table 16

Informally Trained - Education

Gender	Age Group (in Years)	Literate without Formal Schooling/Not Literate (in Lakhs)	Secondary & Below (in Lakhs)	Higher Secondary (in Lakhs)	Graduate/Diploma/Certificate Course (in Lakhs)	Postgraduate & Above (in Lakhs)
Female	15-20	0.83	6.23	2.04	0.56	0
	21-30	4.27	20.5	3.08	3.52	1.06
	31-40	9.07	19.31	1.76	2.18	0.5
	41-50	11.17	9.5	0.8	1.39	0.35
	51-59	5.01	2.9	0.28	0.12	0.21
	Total (Female)		30.35	58.44	7.96	7.77
Male	15-20	2.09	17.28	2.99	0.48	0
	21-30	8.18	61.63	11.24	9.34	2.82
	31-40	14.68	61.19	6.95	6.73	2.76
	41-50	17.83	42.63	4.1	4.3	1.74
	51-59	12.55	18.68	2.42	1.99	0.73
	Total (Male)		55.33	201.41	27.7	22.84
Total		85.68	259.85	35.66	30.61	10.17

Table 17

Informally Trained - Employment Status

Gender	Age Group (in Years)	Employed (in Lakhs)	Unemployed (in Lakhs)	Not In Labour Force (in Lakhs)
Female	15-20	5.49	0.29	3.87
	21-30	20.85	0.77	10.81
	31-40	24.84	0.21	7.76
	41-50	17.49	0.05	5.67
	51-59	6.32	0	2.21
Total (Female)		74.99	1.32	30.32
Male	15-20	20.44	0.83	1.57
	21-30	91.18	1.32	0.73
	31-40	92.14	0.09	0.09
	41-50	70.21	0.07	0.32
	51-59	35.41	0.06	0.88
Total (Male)		309.38	2.37	3.59
Total		384.37	3.69	33.91

Table 18





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