AP Youth Survey

Centre for Policy Research

2023-01-19

Contents

1 List of flags encountered so far

1.1 Absence of Self Respondents

We found that there are certain surveys which do not have any member of the household identified as the true respondent. According to the data by Jan 23, there are 21 such households. In total, there are about 64 respondents, once we remove children below 19, among which there are 21 true respondents who need to be identified through the face pages. Details on the same from the roster can be found below, and these have been merged with the main survey too.

Face page references are also needed for 1 and 2(b) in the next section##

```
## # A tibble: 6 x 8
##   Name              Age Gender H_1      H_2      H_3 H_4               H_5
##   <chr>           <dbl> <chr>  <chr>    <chr> <dbl> <chr>             <chr>
## 1 V.krishna murthy   34 Male   Husband  No       NA Currently Married Class 10 ~
## 2 V.Rekha            29 Female Wife     No       NA Currently Married Class 10 ~
## 3 k.venkateshwarlu   46 Male   Father   No       NA Currently Married Class 5 P~
## 4 k.Sujiatha         41 Female Mother   No       NA Currently Married Class 5 P~
## 5 k.kiran            24 Male   Brother  No       NA Never Married     Graduate:~
## 6 k. Manasa          23 Female Sister   No       NA Never Married     Graduate:~
```

1.2 Enumerator IDs entered as Respondent IDs

There are certain cases were it seems enumerator IDs have mistakenly been entered as respondent IDs. Given the last digit of the respondent ID is restricted to being less than 5, and the overall number should not exceed beyond 2100, we flagged certain IDs which were irregular. Upon cross-checking it seemed they were indeed enumerator IDs, and we are sharing a table of such IDs and the number of such responses below.

```
##
##   100  2156 30927 31418 59266
##     1     1     1     1     1
```

1.3 Misclassification of Adults as Children

There are about 16 cases where adults above the age of 19 have been entered as children. These are shown below. While they may all not necessarily be the respondent, these people need to be reclassified based on face pages.

```
## # A tibble: 17 x 8
##      SNo Name           Age Gender H_1   H_2     H_3 H_4
##    <dbl> <chr>        <dbl> <chr>  <chr> <chr> <dbl> <chr>
## 1      4 B.Manideep      70 Male   Child Yes       3 Never Married
## 2      3 K.sai murali    25 Male   Child No       NA Never Married
## 3      4 K. Sai teja     24 Male   Child No       NA Never Married
```

```
##  4     2 M.sai kalyan     24 Male    Child No       NA Never Married
##  5     3 M.prasana        23 Female Child No        NA Never Married
##  6     4 M.rohani         20 Female Child No        NA Never Married
##  7     3 C. Jayasree      29 Female Child No        NA Currently Married
##  8     4 C.Bharath        23 Male    Child No       NA Never Married
##  9     2 m.jai ganesh     27 Male    Child No       NA Never Married
## 10     3 m.sai kumar      25 Male    Child No       NA Never Married
## 11     3 p.jeshwanth      23 Male    Child No       NA Never Married
## 12     3 A. Chandana      21 Female Child No        NA Never Married
## 13     2 S Parveen        20 Female Child No        NA Never Married
## 14     6 Y.lavith kumar   23 Male    Child No       NA Never Married
## 15     3 P. Sai ramya     20 Female Child No        NA Never Married
## 16     3 Ramakrishna      20 Male    Child No       NA Currently Married
## 17     3 3               23 Male    Child Yes        7 Never Married
```

1.4 Marital Status of Children

Marital status and children crosscheck - are there a lot of children?

1.5 Disparities between Sector and Roster Occupation

Any disparities between respondent occupation and industry mentioned in the roster/survey responses?

Overall- Look at errors by enumerator IDs

2 Observations from the Sample

2.1 Capturing Seasonal and Long Term Employment

Roster captures - seasonal. Main Survey captures long term There are certain cases where unemployed people have been counted as employed. We see that there's a large chunk of population that has been classified as employed based on the roster, but is unemployed in the main survey. Most of these responses seem to be from those engaged in casual/daily labour or self-employed, with unpaid family worker next in line

2.2 Inertia on willingness for skill development

The skilling questions - we do see little movement from those who have not taken skilling courses/workshops in their willingness to take them in the future.

3 Analysis of Survey Responses

3.1 Upward Mobility

Education of Children to Parent's education - Breakdown by male and female (Comparison with PLFS)

Education of Respondent (→) / Education of Parent (↓)	Male Youth (AP Urban)									
	Not Literate	Literate but No Formal Education	Class 5 Pass	Class 8 Pass	Class 10 Pass	Class 12 Pass	Diploma / Certificate Course	Graduate: General	Graduate: Technical	Postgraduate and above
Not Literate	8.8	0.5	7.9	6.9	13.9	19	8.8	22.2	7.4	4.6
Literate but No Formal Education	0	0	0	12.5	0	37.5	25	25	0	0
Class 5 Pass	0	0.9	2.6	5.1	15.4	34.2	7.7	16.2	8.5	9.4
Class 8 Pass	3.4	0	0	1.7	5.2	36.2	12.1	22.4	8.6	10.3
Class 10 Pass	0.8	0	2.4	0	6.3	29.1	11.8	18.9	26.8	3.9
Class 12 Pass	0	0	0	0	5.4	23.2	7.1	26.8	26.8	10.7
Diploma/Certificate Course	0	0	0	0	0	10	10	20	50	10
Graduate: General	0	0	0	1.5	2.9	22.1	10.3	20.6	42.6	0
Graduate: Technical	0	0	0	0	0	33.3	0	0	50	16.7
Postgraduate and above	0	0	0	0	0	30.8	0	23.1	46.2	0
Education of Respondent (→) / Education of Parent (↓)	Female Youth (AP Urban)									
	Not Literate	Literate but No Formal Education	Class 5 Pass	Class 8 Pass	Class 10 Pass	Class 12 Pass	Diploma / Certificate Course	Graduate: General	Graduate: Technical	Postgraduate and above
Not Literate	4.3	0	8.5	6.8	8.5	28.2	2.6	27.4	7.7	6
Literate but No Formal Education	0	0	0	25	25	25	25	0	0	0
Class 5 Pass	2.7	0	1.4	1.4	12.2	35.1	4.1	21.6	16.2	5.4
Class 8 Pass	0	0	0	0	14.8	44.4	0	14.8	14.8	11.1
Class 10 Pass	0	0	1.2	2.5	3.8	27.5	1.2	31.2	18.8	13.8
Class 12 Pass	3.1	0	3.1	3.1	6.2	31.2	3.1	25	15.6	9.4
Diploma/Certificate Course	0	0	0	0	0	21.4	0	28.6	35.7	14.3
Graduate: General	0	2.2	0	0	0	23.9	2.2	34.8	19.6	17.4
Graduate: Technical	0	0	0	0	0	0	0	0	50	50
Postgraduate and above	0	0	0	0	0	50	10	20	20	0

Tables for occupation of parent and education of respondent

Education of Respondent (→) / Occupation of Parent (↓)	Male Youth (AP Urban)									
	Not Literate	Literate but No Formal Education	Class 5 Pass	Class 8 Pass	Class 10 Pass	Class 12 Pass	Diploma / Certificate Course	Graduate: General	Graduate: Technical	Postgraduate and above
Attending Domestic Duties	4	0	0	4	16	8	12	28	12	16
Casual/Daily Labour	7.4	0	4.5	6.8	11.4	29	9.1	17	10.2	4.5
Gig work	0	0	0	14.3	14.3	42.9	0	0	28.6	0
Others	1.7	0	1.7	3.4	12.1	19	10.3	22.4	20.7	8.6
Regular Salaried	0	0	2.8	0.9	5.6	31.8	11.2	19.6	23.4	4.7
Retired	2.2	0	10.9	6.5	6.5	10.9	10.9	26.1	21.7	4.3
Self-Employed	2.4	0.8	2.4	1.6	7.8	27.8	8.2	22.4	20.4	6.3
Unemployed but Seeking Work	0	0	0	0	50	0	25	0	25	0
Unpaid Family Worker	0	0	0	0	50	50	0	0	0	0

Education of Respondent (→) / Occupation of Parent (↓)	Female Youth (AP Urban)									
	Not Literate	Literate but No Formal Education	Class 5 Pass	Class 8 Pass	Class 10 Pass	Class 12 Pass	Diploma / Certificate Course	Graduate: General	Graduate: Technical	Postgraduate and above
Attending Domestic Duties	0	0	0	0	8.3	8.3	0	25	33.3	25
Casual/Daily Labour	1.1	0	7.4	4.2	9.5	34.7	1.1	23.2	12.6	6.3
Gig work	0	0	0	20	0	20	0	40	0	20
Others	0	0	3.4	3.4	6.9	34.5	3.4	10.3	20.7	17.2
Regular Salaried	0	1.4	0	2.7	6.8	17.6	1.4	41.9	14.9	13.5
Retired	0	0	5	0	10	25	5	30	25	0
Self-Employed	3.6	0	2.4	2.4	5.9	36.1	3.6	23.7	14.8	7.7
Unemployed but Seeking Work	0	0	0	0	0	0	0	50	0	50
Unpaid Family Worker	33.3	0	0	33.3	0	0	0	0	0	33.3

3.2 Demographic Analysis (Section A)

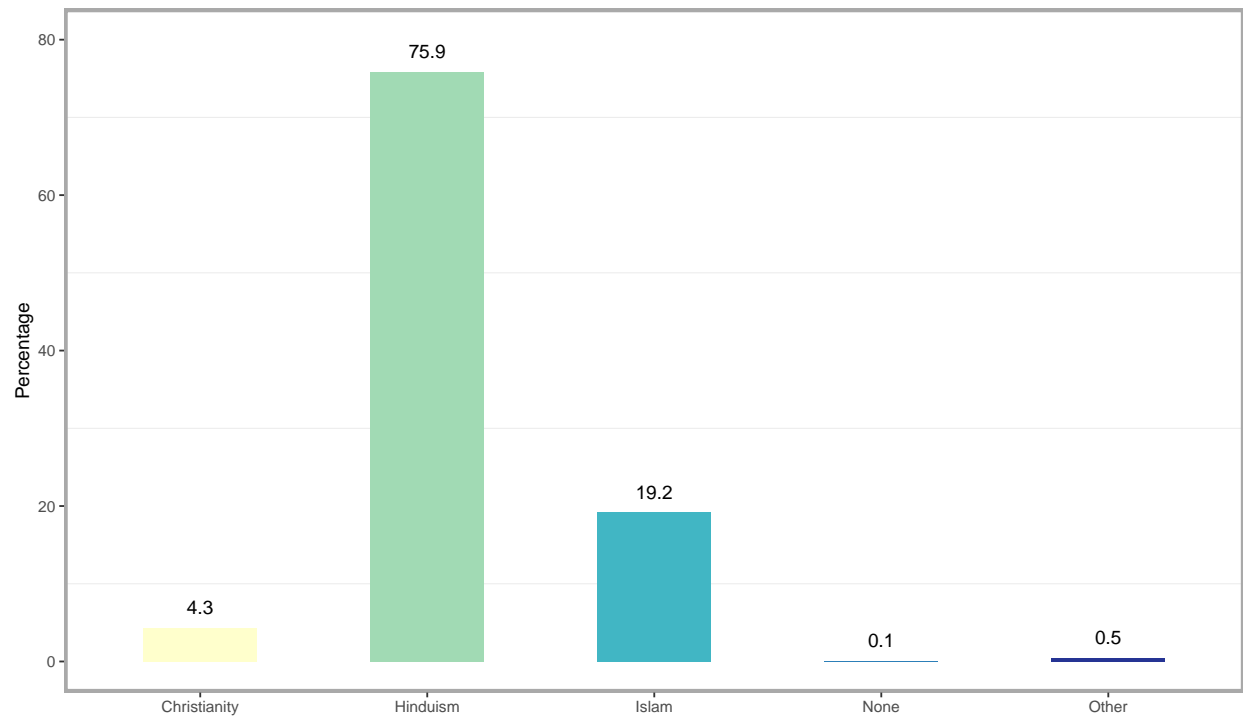Government Caste Categories (by household)
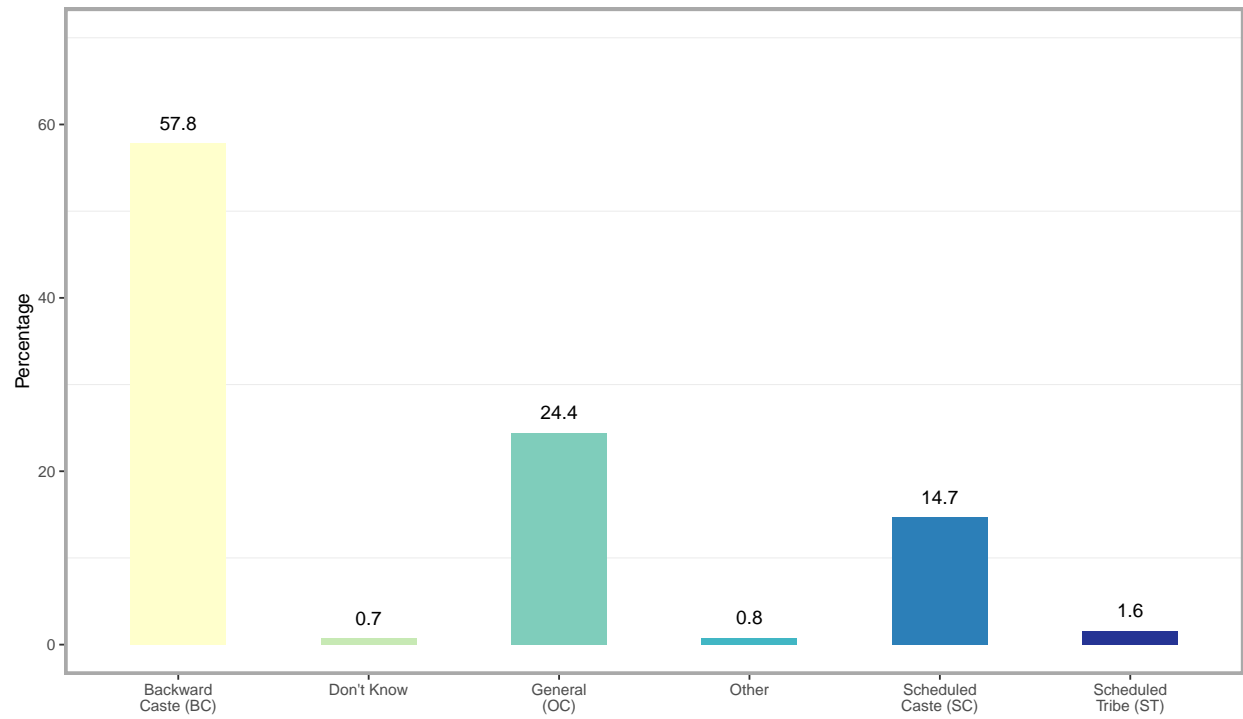
Household Religion

Table 1: Composition of households

Relationship with the respondent	Count
Self	1959
Mother	1404
Father	1115
Child	956
Brother	749
Sister	523
Husband	486
Wife	137
Grandmother	114
Mother-in-law	96
Other-in-laws	66
Father-in-law	60
Other Relatives	41
Uncle/Aunt	34
Grandfather	27
Non-Relatives (guests, servants, help, etc.)	1

3.3 Youth Questions (Section G)

Q. Do you think your economic fortunes will be better or worse than your parents? (Y_G_186)
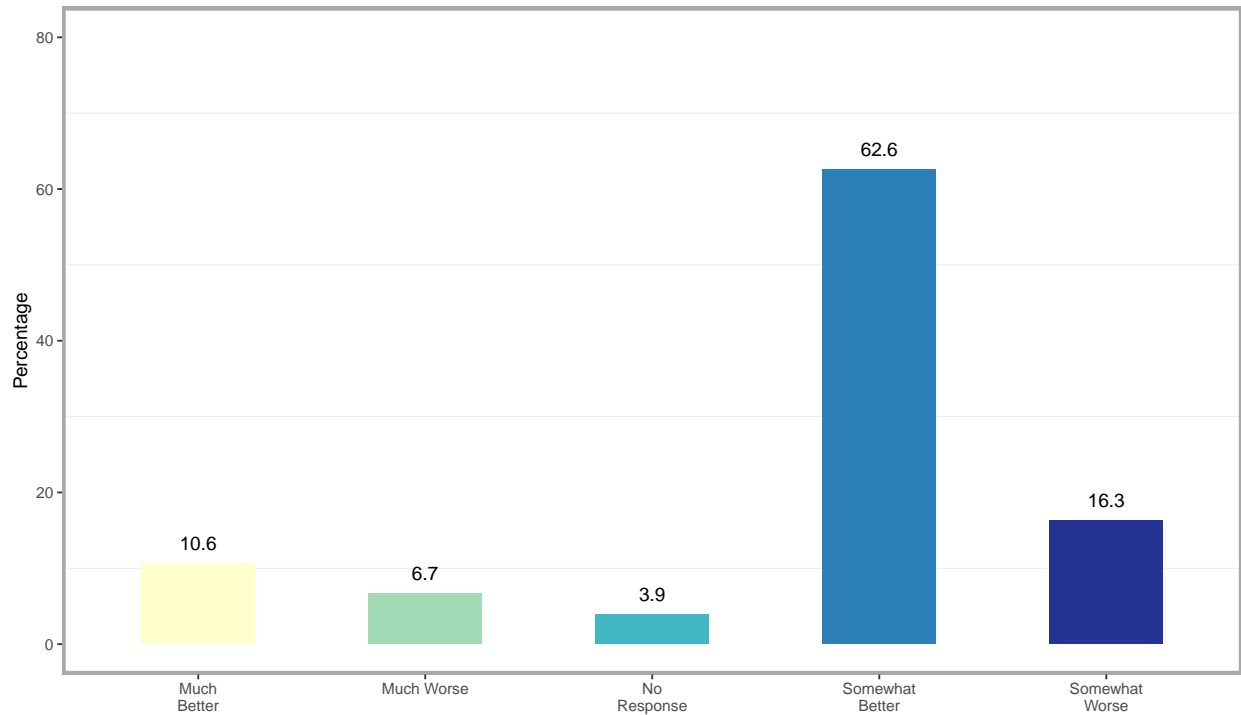
Q. In the past 5 years, compared to other states in India, do you believe citizens of Andhra Pradesh have done better or worse? (Y_G_187)
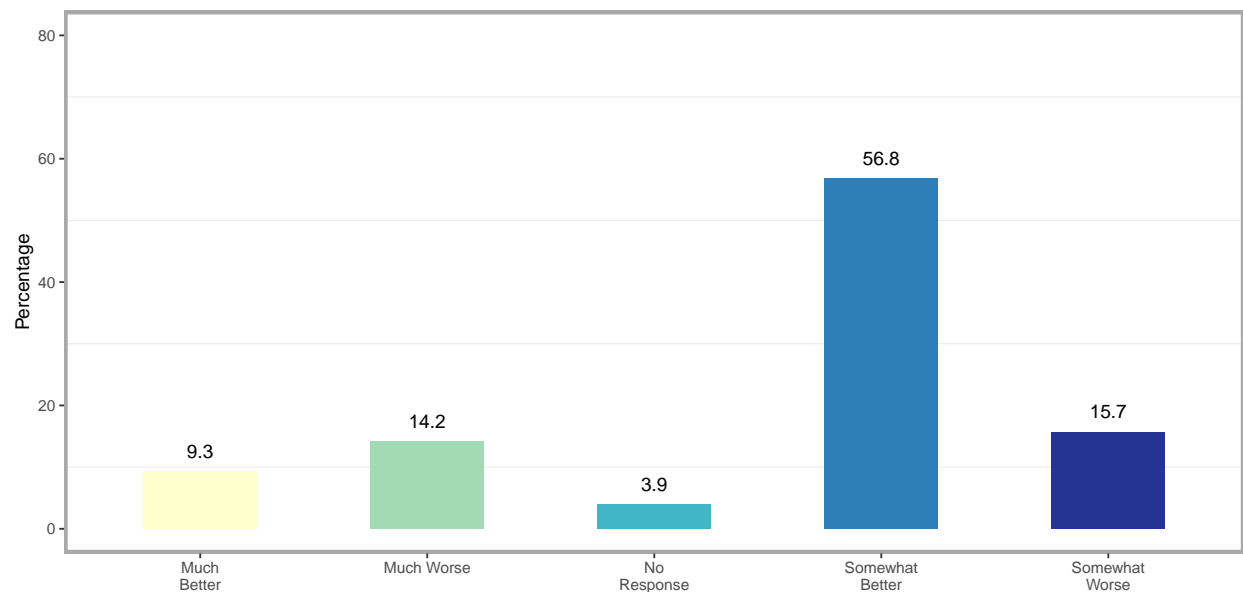
Q. Andhra Pradesh now has many cash schemes to give money to its citizens, like Ammavodi and YSR Cheyutha. Do you believe the amount given in cash schemes should be more or less? (Y_G_188)
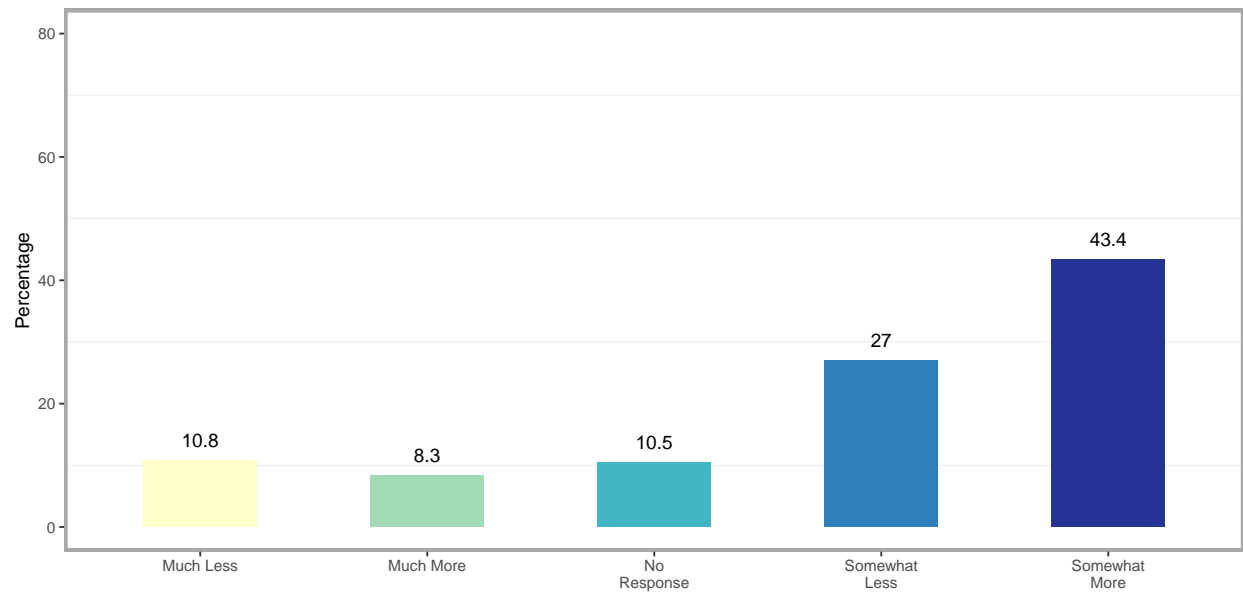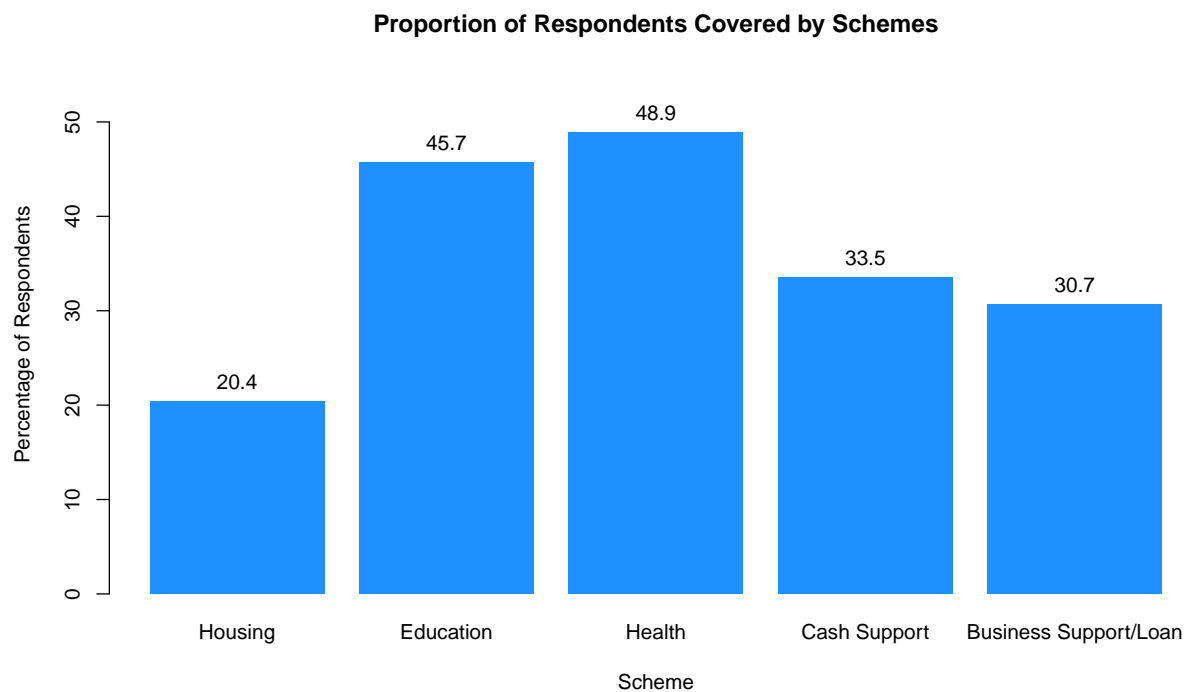
Q. Do you believe democracy in India is getting stronger or weaker? (Y_G_189)
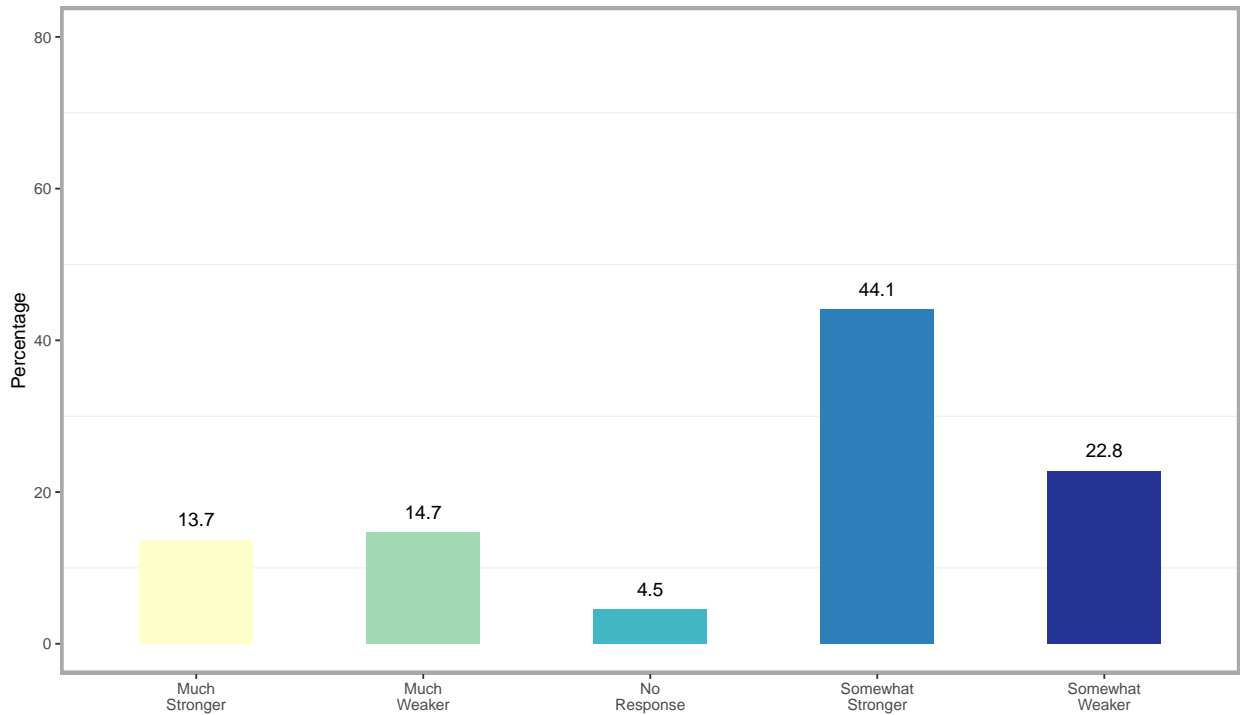
3.4 Social Security and Scheme based receipts (Section E)

Scheme based benefit receipts & Credit attribution (Clean Y_E_75 and associated q):

First, how many respondents have claimed to receive at least some benefit or the other

Proportion of Respondents Covered by Schemes

Now for who they attribute the credit to - Very little to centre in most cases, overwhelmingly state. This is also because in the yes responses when we look at which scheme, it is mostly the state scheme they claim to receive benefits under

Table 2: Attribution for Social Schemes

| Scheme	State Government	Central Government	Both State and Centre
Housing	95.49	2.26	1.75
Education	97.10	0.45	1.67
Health	93.95	2.19	3.55
Cash Support	92.24	1.07	6.54
Business Support/Loan	99.17	0.33	0.33

3.5   Primary Activity Details, Employment and Skilling (Section F)

1. Primary Activity - Employment Distribution (Primary Activity) - 19-29 and 30+ (across gender)
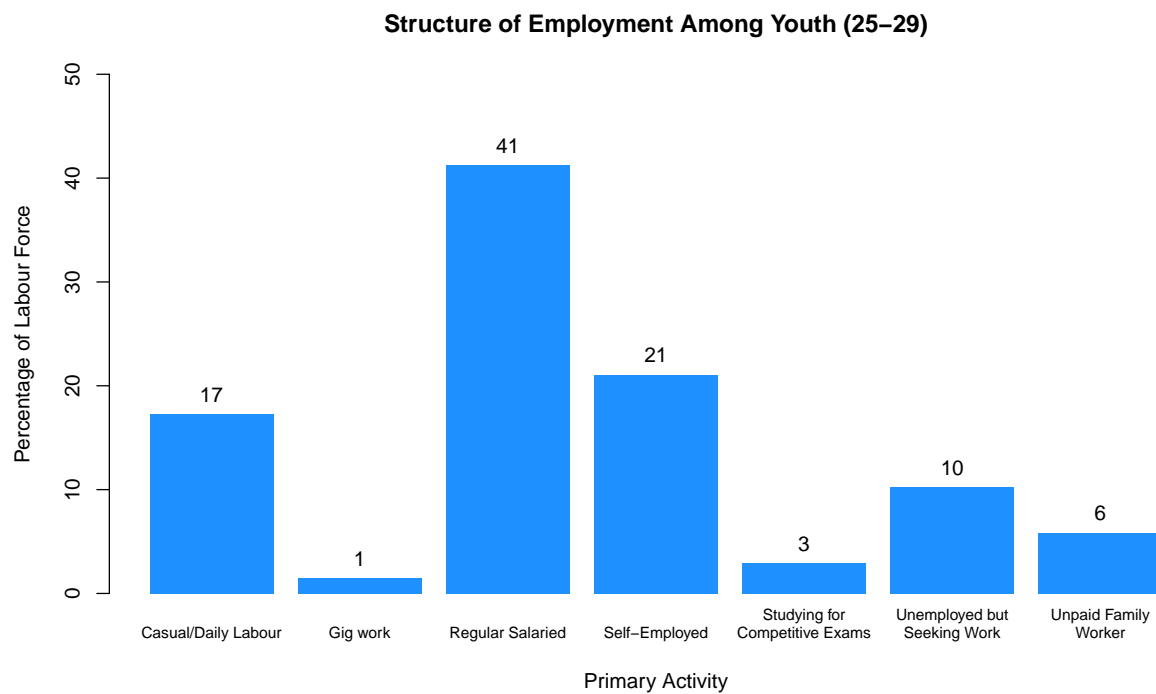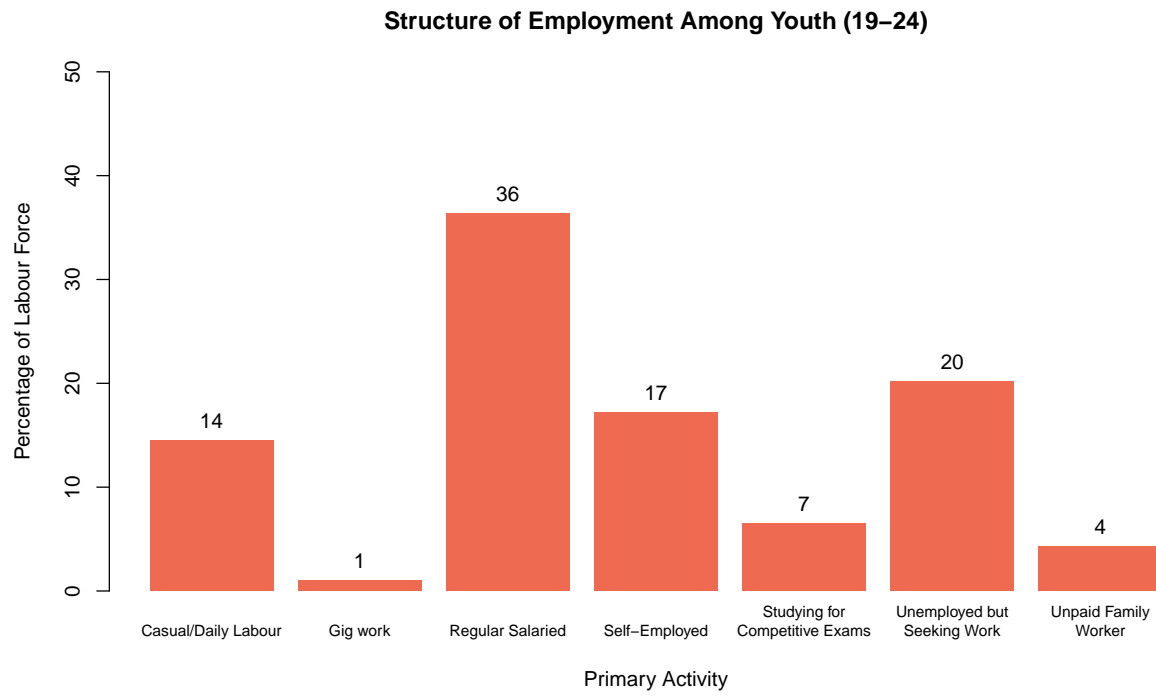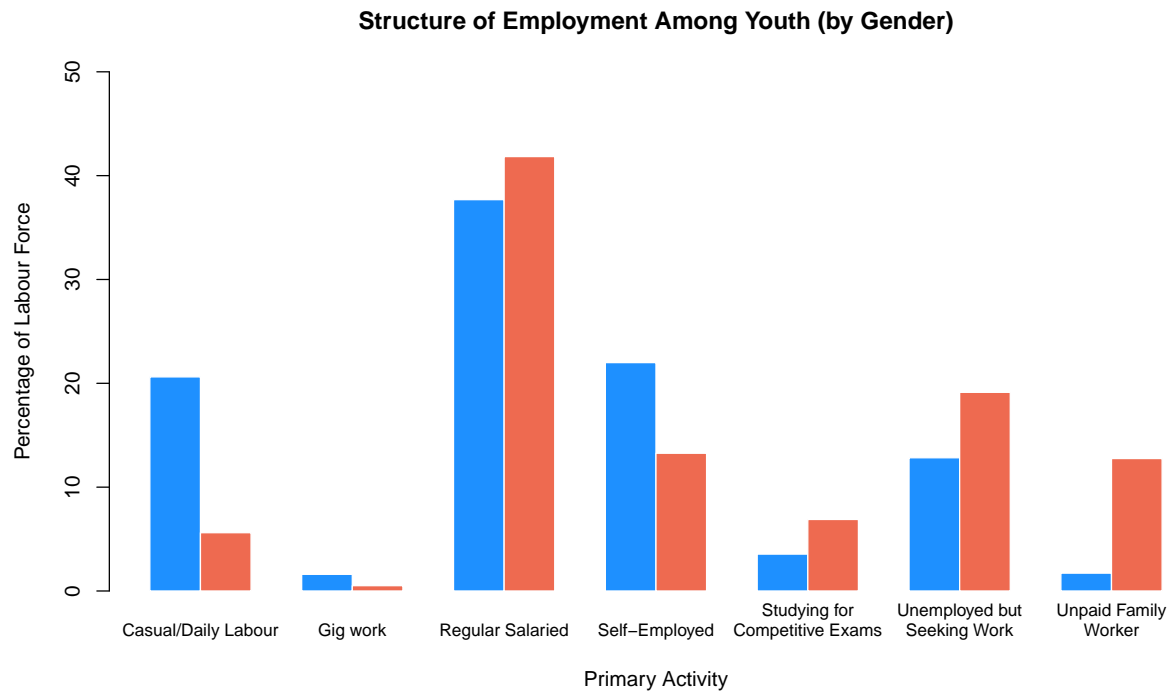
For 19-29

Structure of Employment Among Youth

For 30+
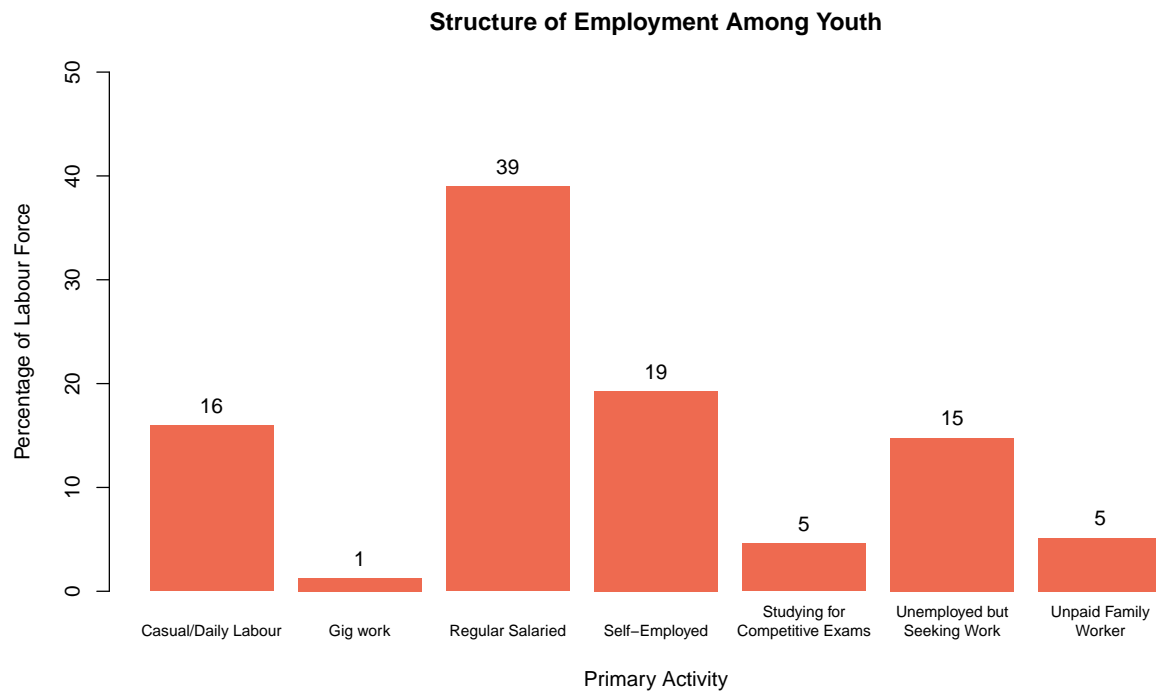
Structure of Employment Among Adults (30+)
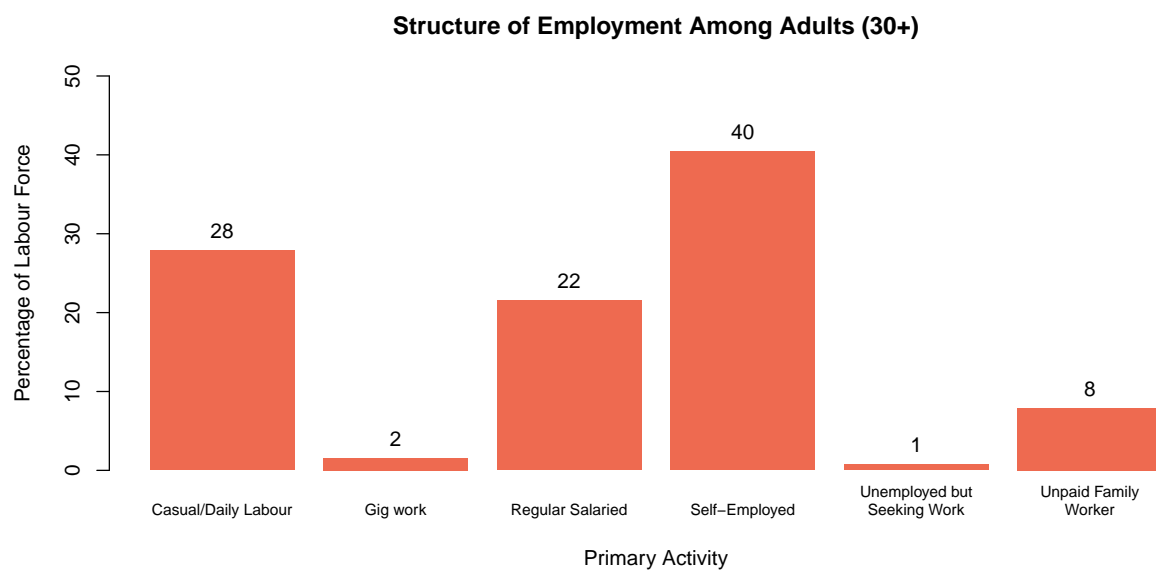
Breakdown of youth into separate groups

Structure of Employment Among Youth (19–24)

Structure of Employment Among Youth (25–29)

Breakdown of employment structure by gender. Male - Blue, Female - Red

**Structure of Employment Among Youth (by Gender)**

Skilling - We are mainly analysing three things. First, have you taken a course already (Enrolment). Second, do you think any of the skilling courses would be beneficial (Interested). Finally, would youenroll in one (Intent).

Taking Skilling Courses - Q. Would skill training in any of the following areas be beneficial for your professional goals?

Proportion of Respondents with Skilling Courses
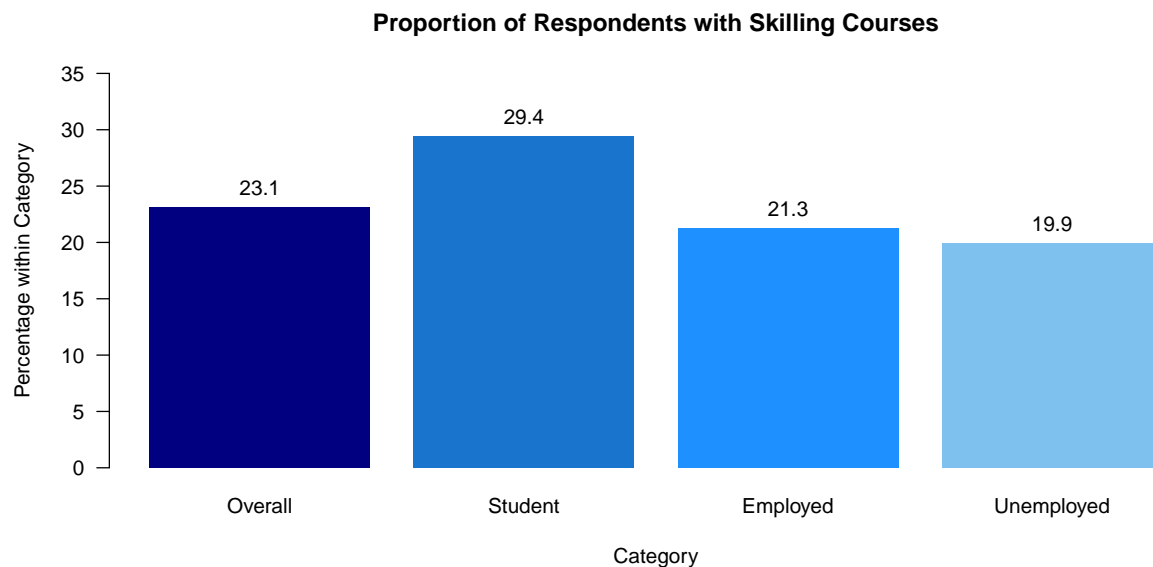
Interest in taking Skilling Courses - Q. Would skill training in any of the following areas be beneficial for your professional goals?

Proportion of Respondents Interested in taking Skilling Courses
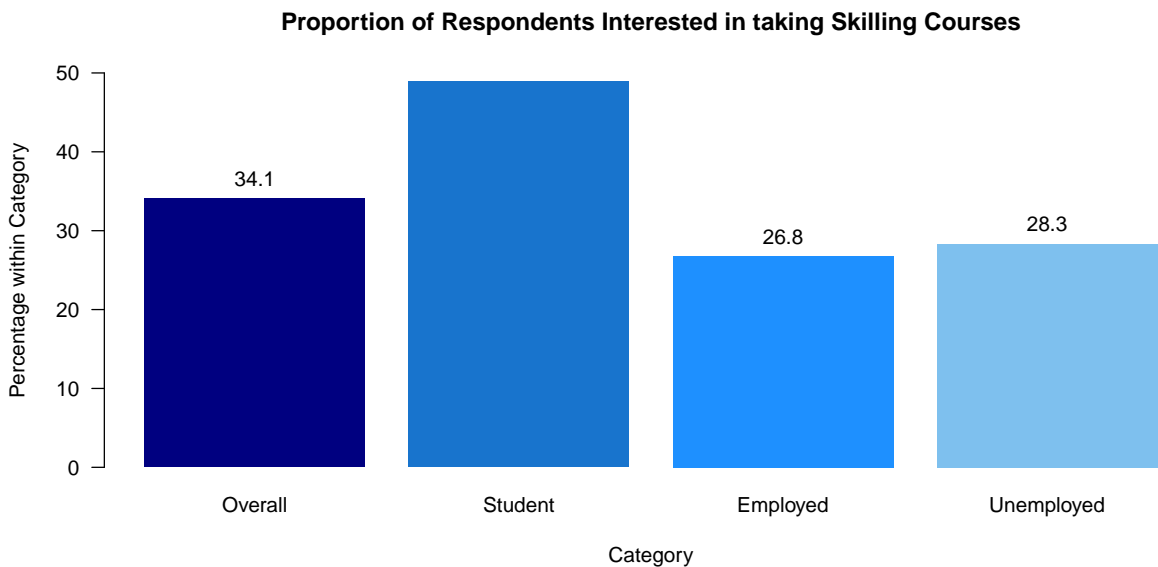
Intention of Interested Respondents to Take Courses Q. Do you intend to take up formal or informal courses for this skills training in the near future?

Interested Respondents Intending to take Skilling Courses
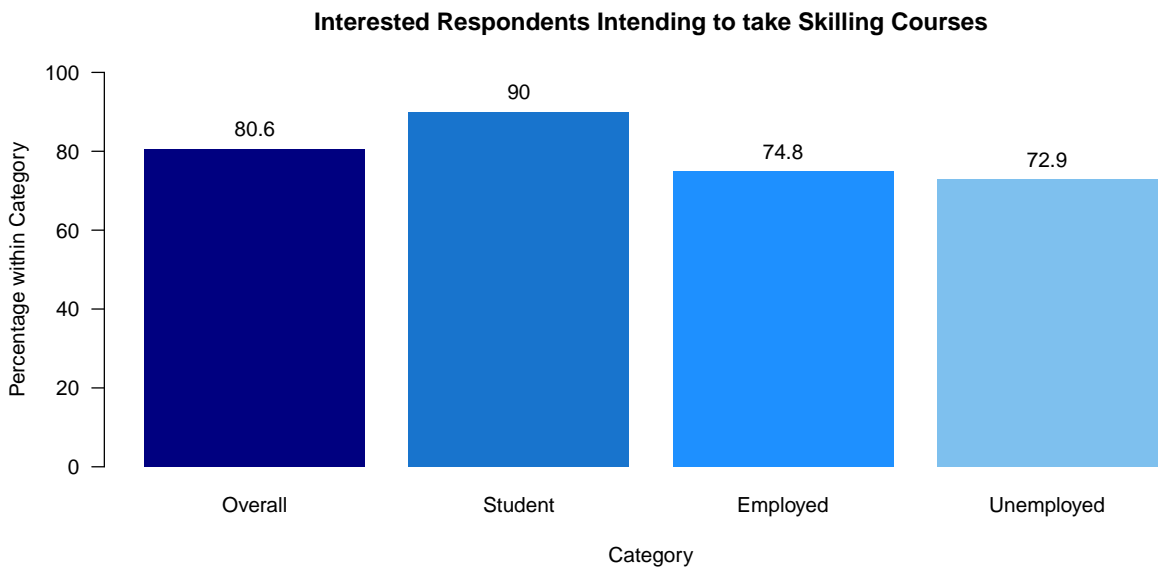
4   Potential Next Steps

1. Running a sample crosscheck with GSWS data to see data quality and check consistency? - Neelan to take session
2. Recode string variable values across the survey and roster
3. Merge response to skilling questions into one column, so far separated by response on primary activity
4. Other internal data checks could include?