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# THE DEVELOPMENT OF ATSYS (AIRLANGGA TRACER STUDY INTEGRATED SYSTEM) AS A FAST AND RELIABLE TRACING METHOD

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# Background info

- UNAIR has conducted Tracer Study survey since 2009. It was still paper-based survey.
- From 2012, UNAIR developed ATSYS (Airlangga Tracer Study Integrated System).
- From 2012-now, UNAIR has been using an integrated system and developed the online Tracer Study System.

# Tracer Study Results 2015 (in brief)

	<b>Numbers</b>	<b>Percentage</b>
Gross Target Population (a)	4.946 (S1 & D3)	
Unreachable Population (b)	613	
Nett Target Population (c=a-b)	4.333	
Number of Respondents (d)	1.496	
Gross Response Rate { $e=(d/a)*100$ }		30,24%
Nett Response Rate { $f=(d/c)*100$ }		34,52%
Completion Rate	1.064	71,12%

# In detail (target population)

Net response rate: 34.52%  
Gross response rate: 30.24%

No	Faculty	Gross Target Population	Net Target Population	Gross Respondents	Net Respondents
1	Faculty of Medicine	577	555	142	111
2	Faculty of Dentistry	200	105	42	29
3	Faculty of Law	193	181	44	43
4	Faculty of Economy and Business	725	641	205	200
5	Faculty of Pharmacy	274	218	272	65
6	Faculty of Veterinary	220	201	37	37
7	Faculty of Political and Social Sciences	448	398	169	106
8	Faculty of Science and Technology	346	311	93	56
9	Faculty of Public Health	278	231	96	88
10	Faculty of Psychology	165	112	46	34
11	Faculty of Humanities	267	241	61	60
12	Faculty of Nursing	398	387	64	62
13	Faculty of Marine and Fishery	26	23	15	15
14	Faculty of Vocational Studies	829	729	210	158
	<b>Total</b>	<b>4,946</b>	<b>4,333</b>	<b>432</b>	<b>1,064</b>

# Timeline Tracer Study 2015

No	Activities	May	June	July	August	Sept	Oct	Nov
1	Airlangga Tracer Study System Preparation	v						
2	Data validation		v					
3	Sampling			v	v	v		
4	Data Analysis						v	
5	Dissemination							v

# Methods

- Questionnaire is based on DIKTI with additional questions from Indotrace questionnaire.
- Respondents: 1 cohort (TS-2 or 2013 alumni)
- Time period: May – November 2015 (seven months)

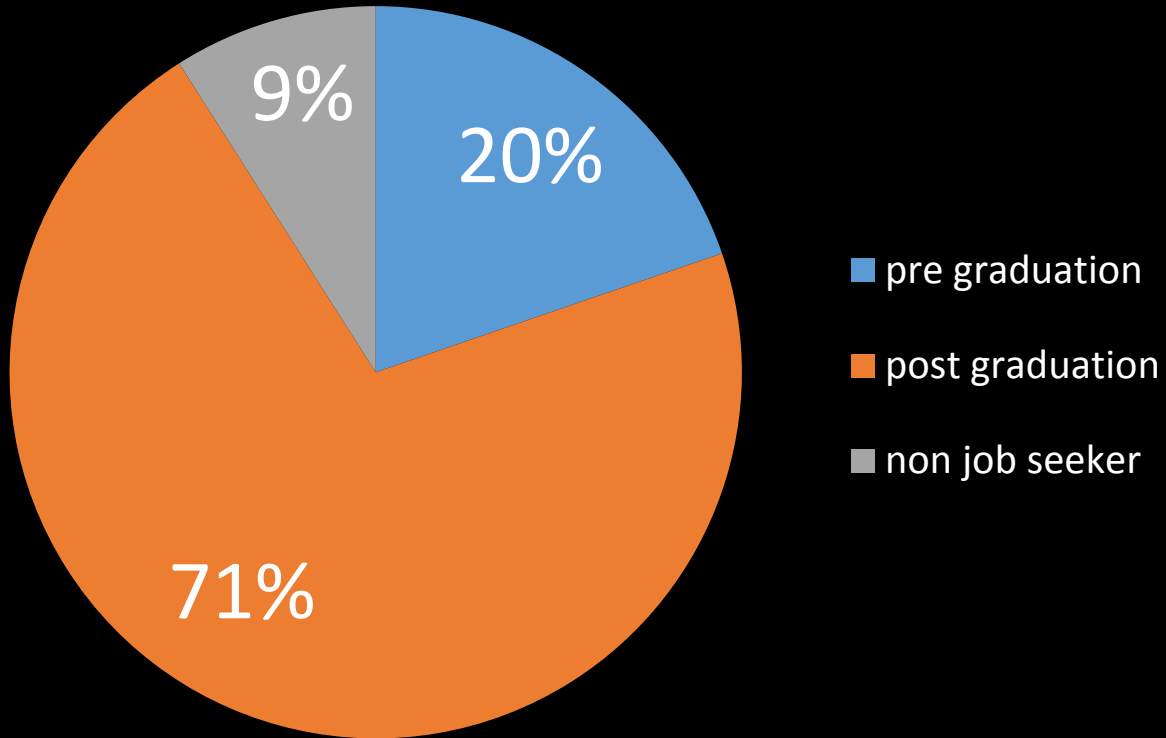
## Sampling method

- I – Inform – *sms and email blast.*
- R – Remind – remind the alumni to fill in the questionnaire.
- C – Call – call the alumni to help them filling in the questionnaire.

Results

# Job Seeking

First Job Seeking



## Pre Graduation Job Seeking Acceptance

Average: 5.1 months

Median: 7.9 months

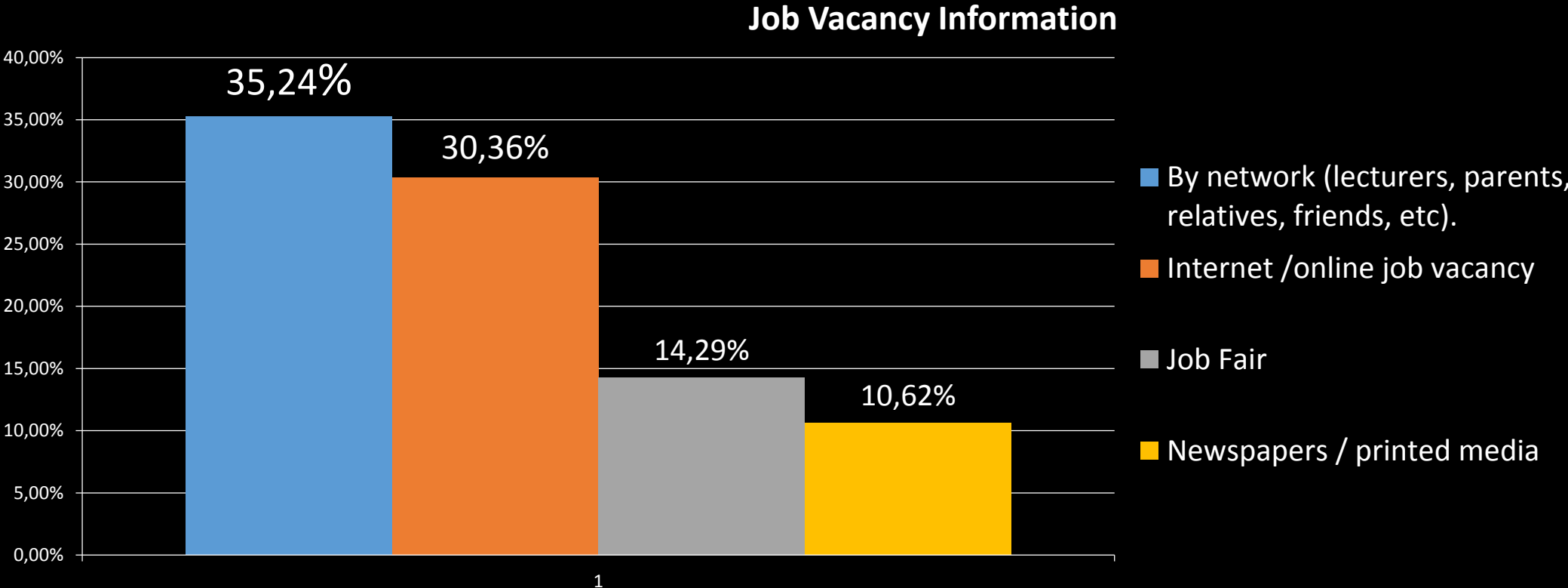
## Post Graduation Job Seeking Acceptance

Average: 4.3 months

Median: 4.97 months

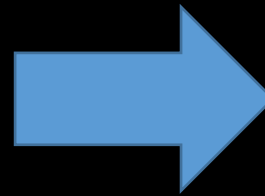
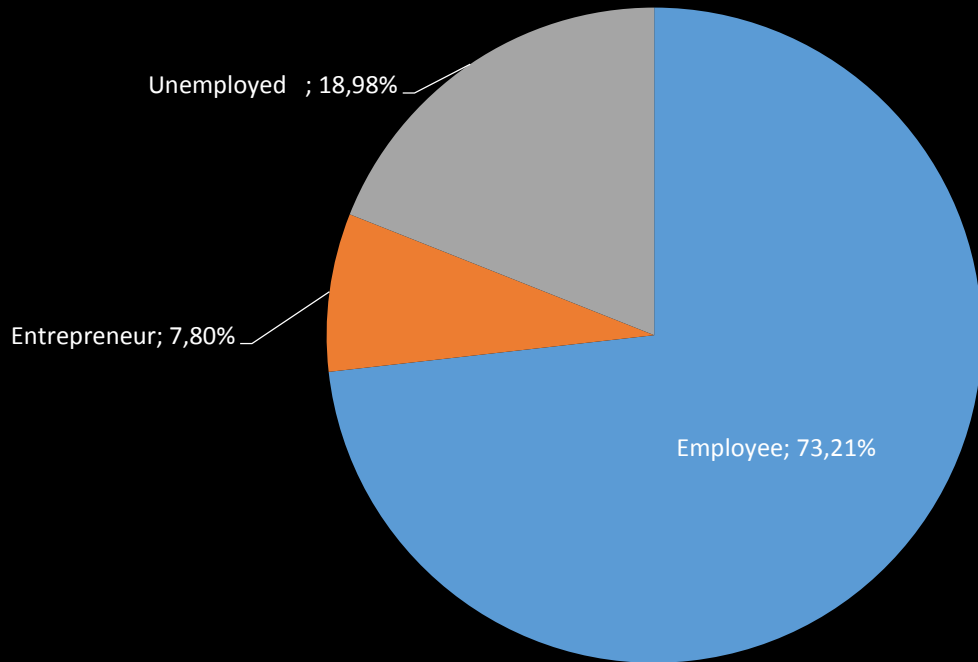


# Job Vacancy Information

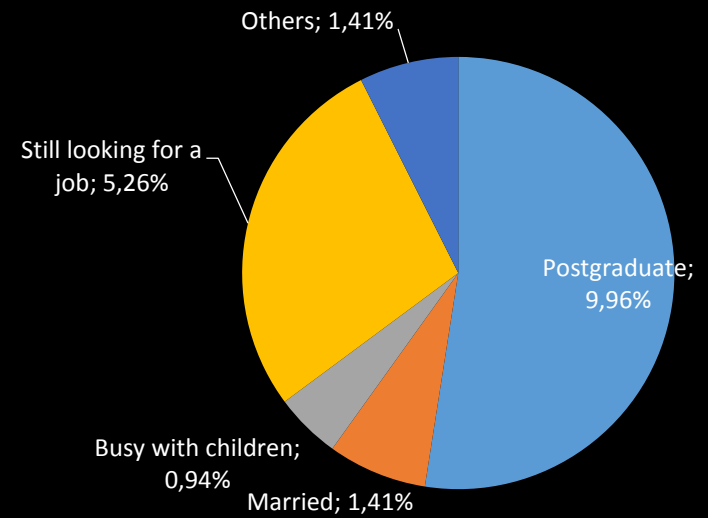


# Alumni activities

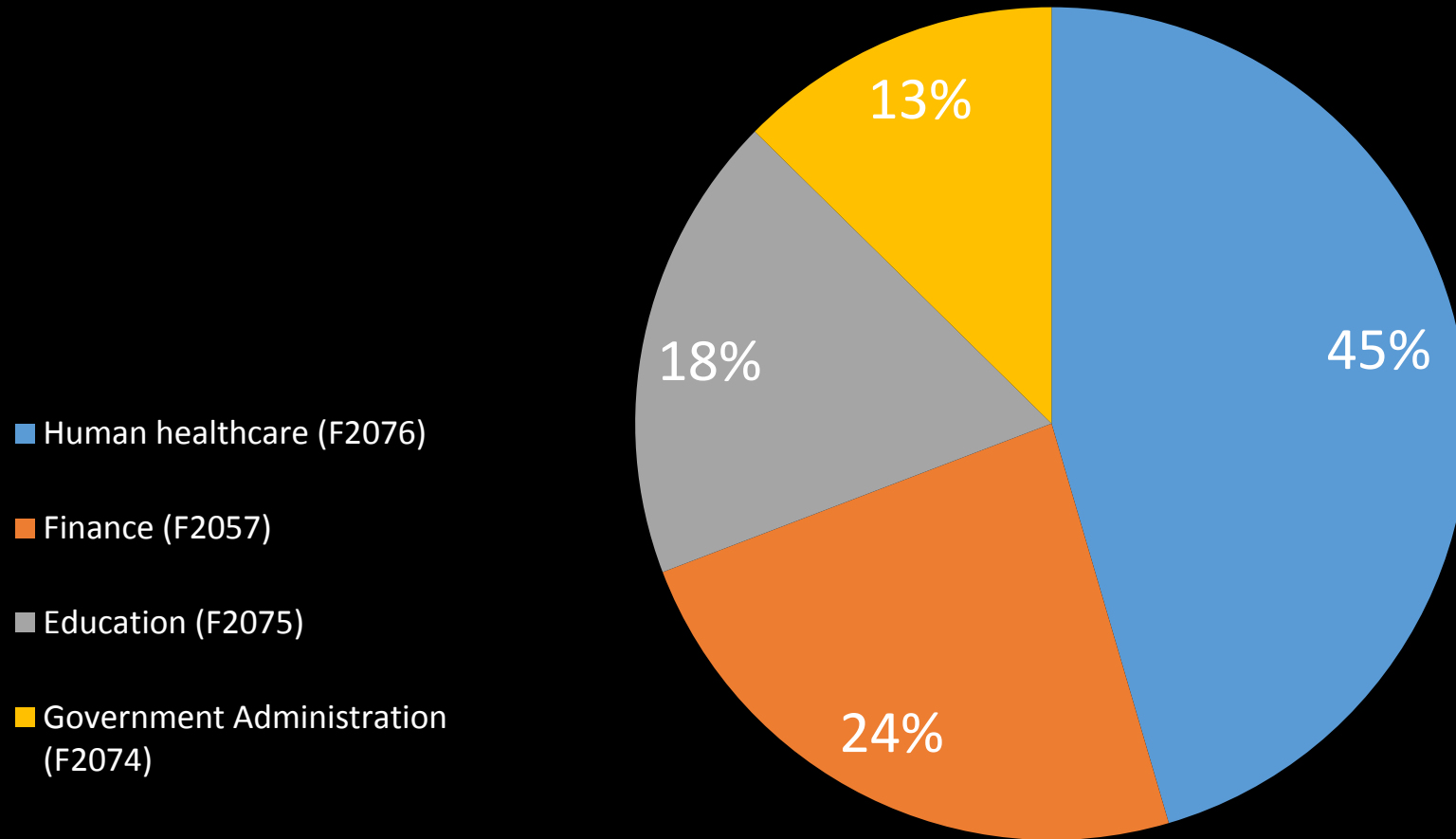
## Alumni Activities



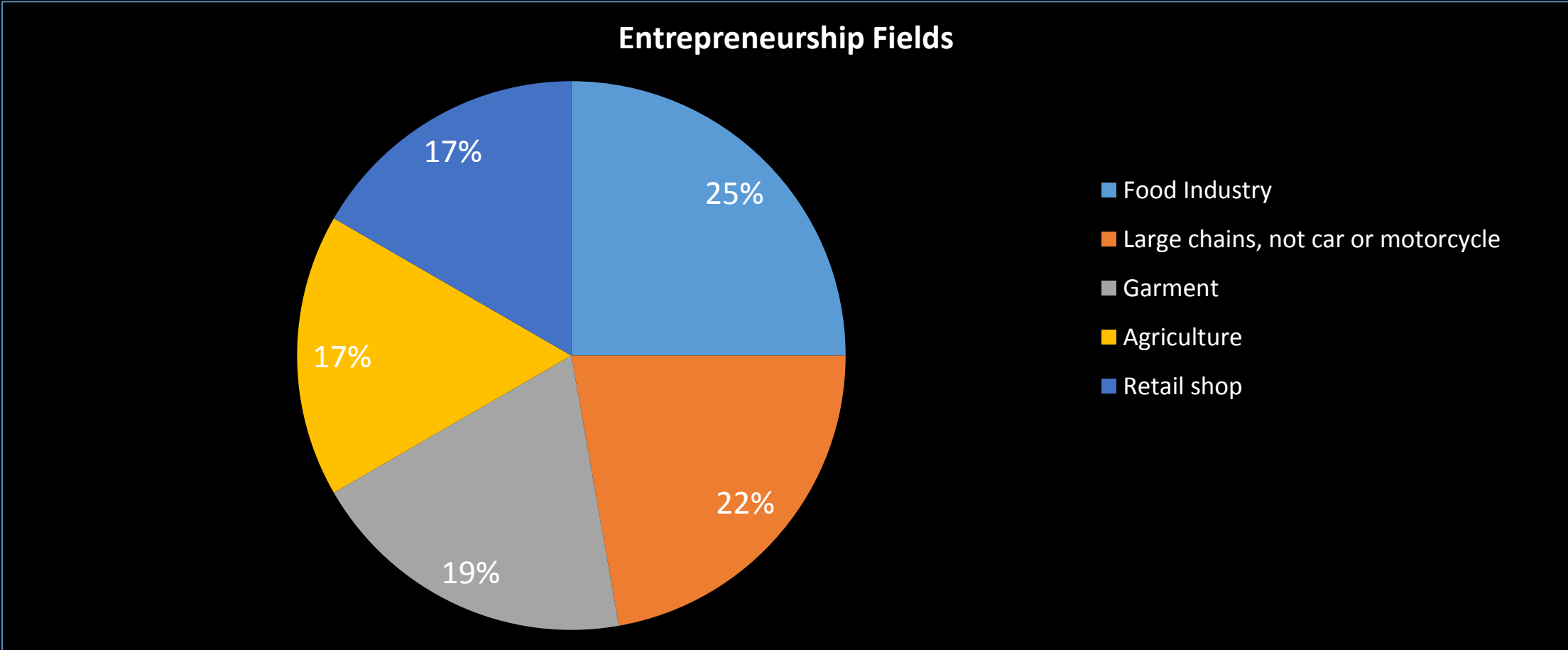
## Unemployed Status



# Alumni Activities (employees)

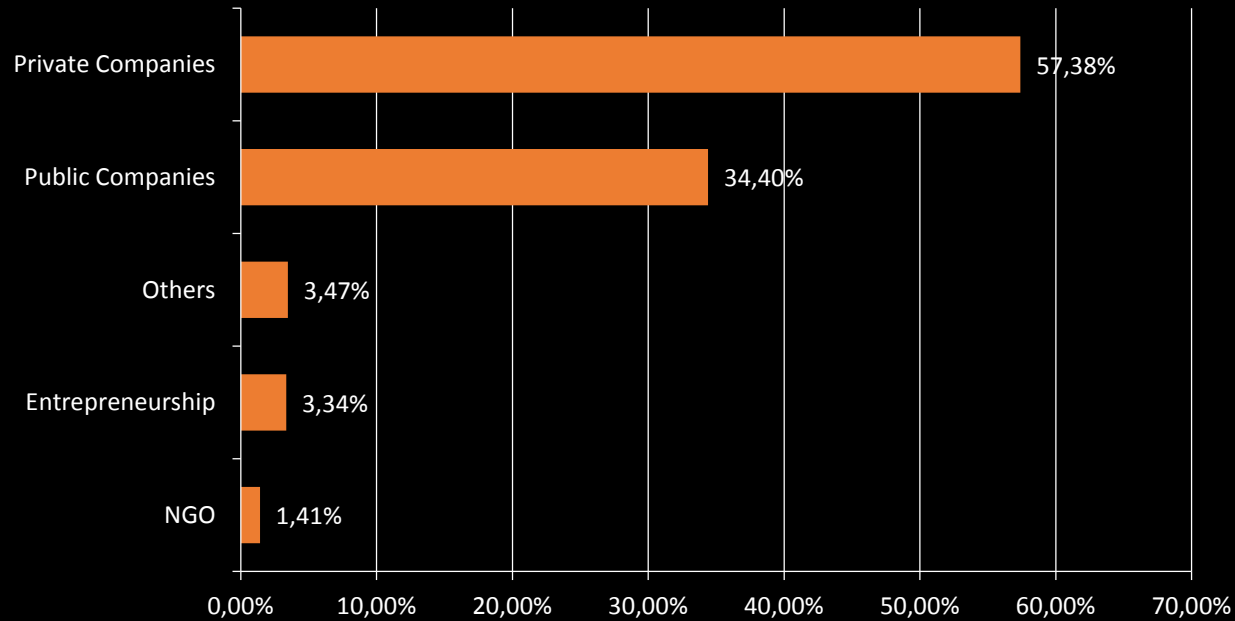


# Alumni Activities (Entrepreneur)

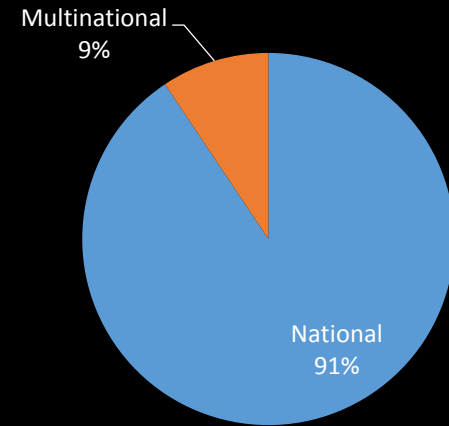


# Job Field

Job Field

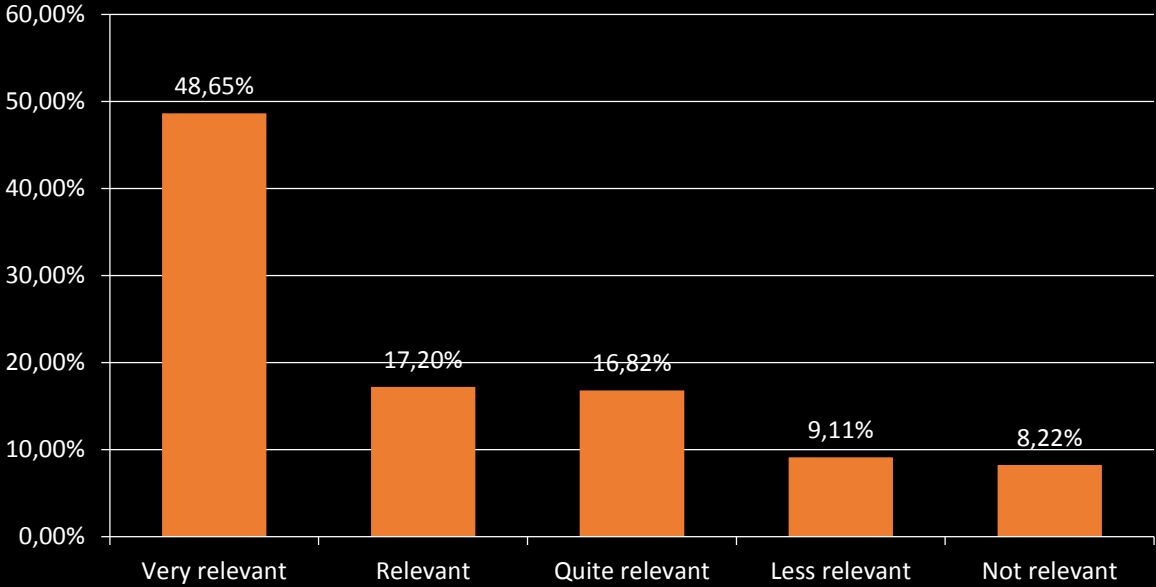


Company Level

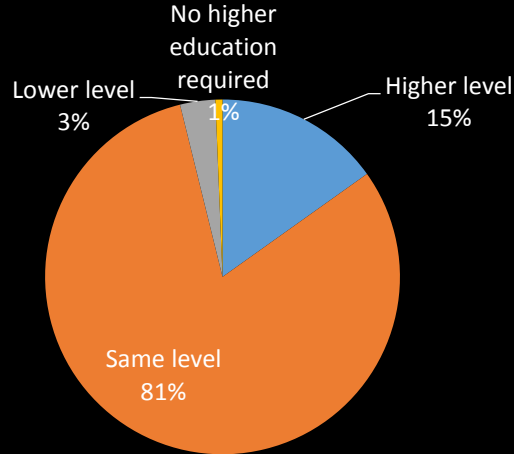


# Job Relevance

**Job and Study Relevance**

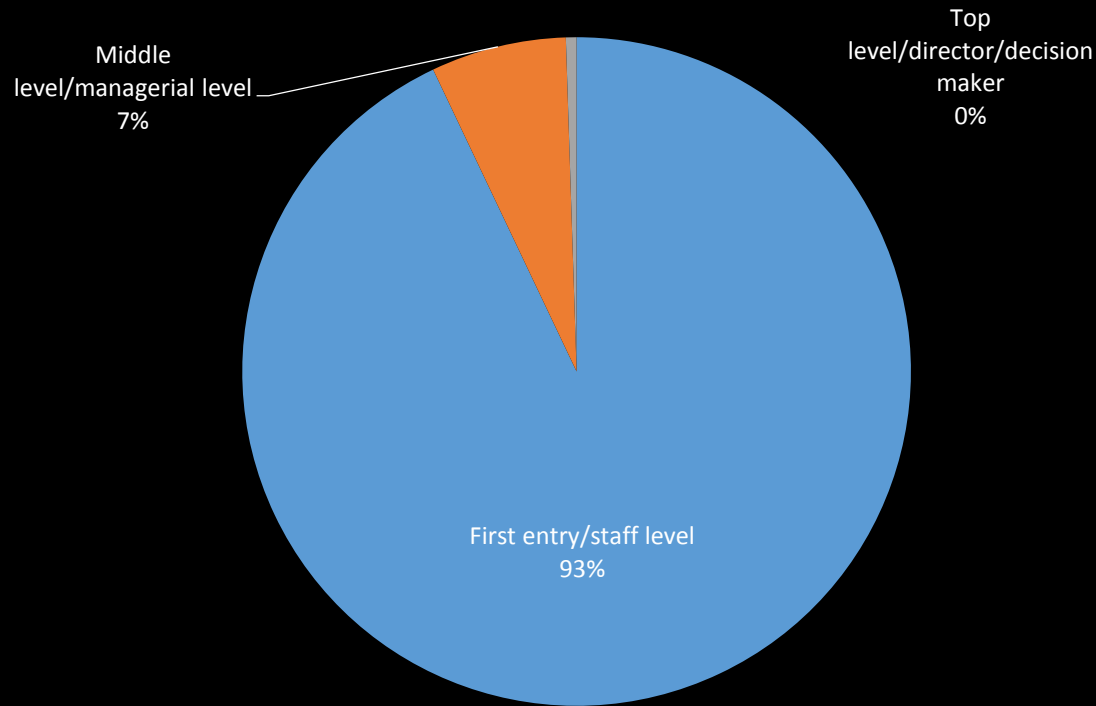


**Proper level of education**

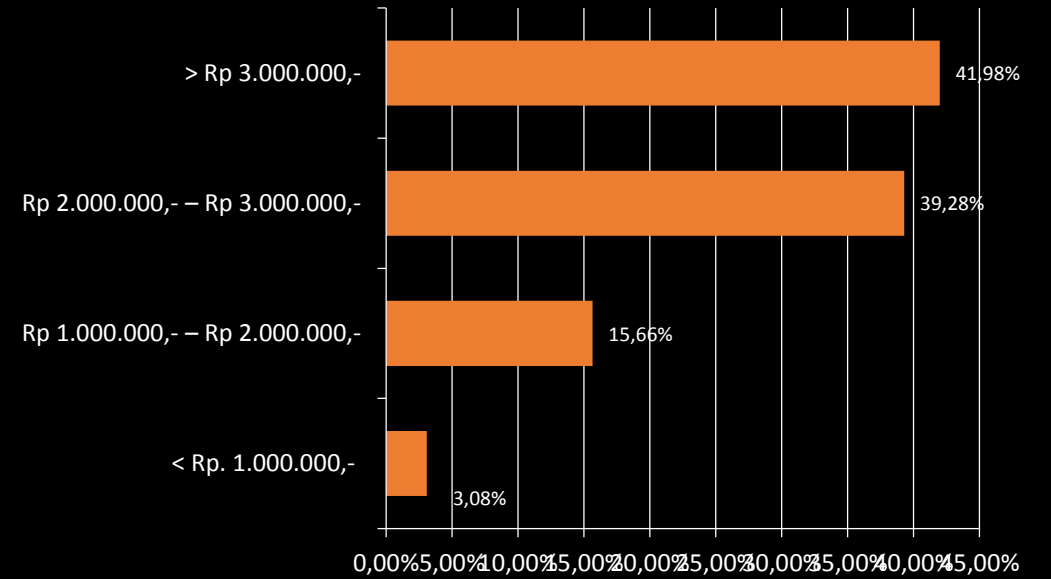


# Income and Job Positions

## First Job Level



## Main Salary



Median: Rp 2,500,000

# Challenges in conducting ATSSIS

- Finding the alumni data, especially the updated alumni data.
- Increasing the response rate.
- In-depth analysis on the implementation of Tracer Study.



# Conclusion

- This 2015 ATGIS's response rate has improved 0.58% from last year's ATGIS response rate.