



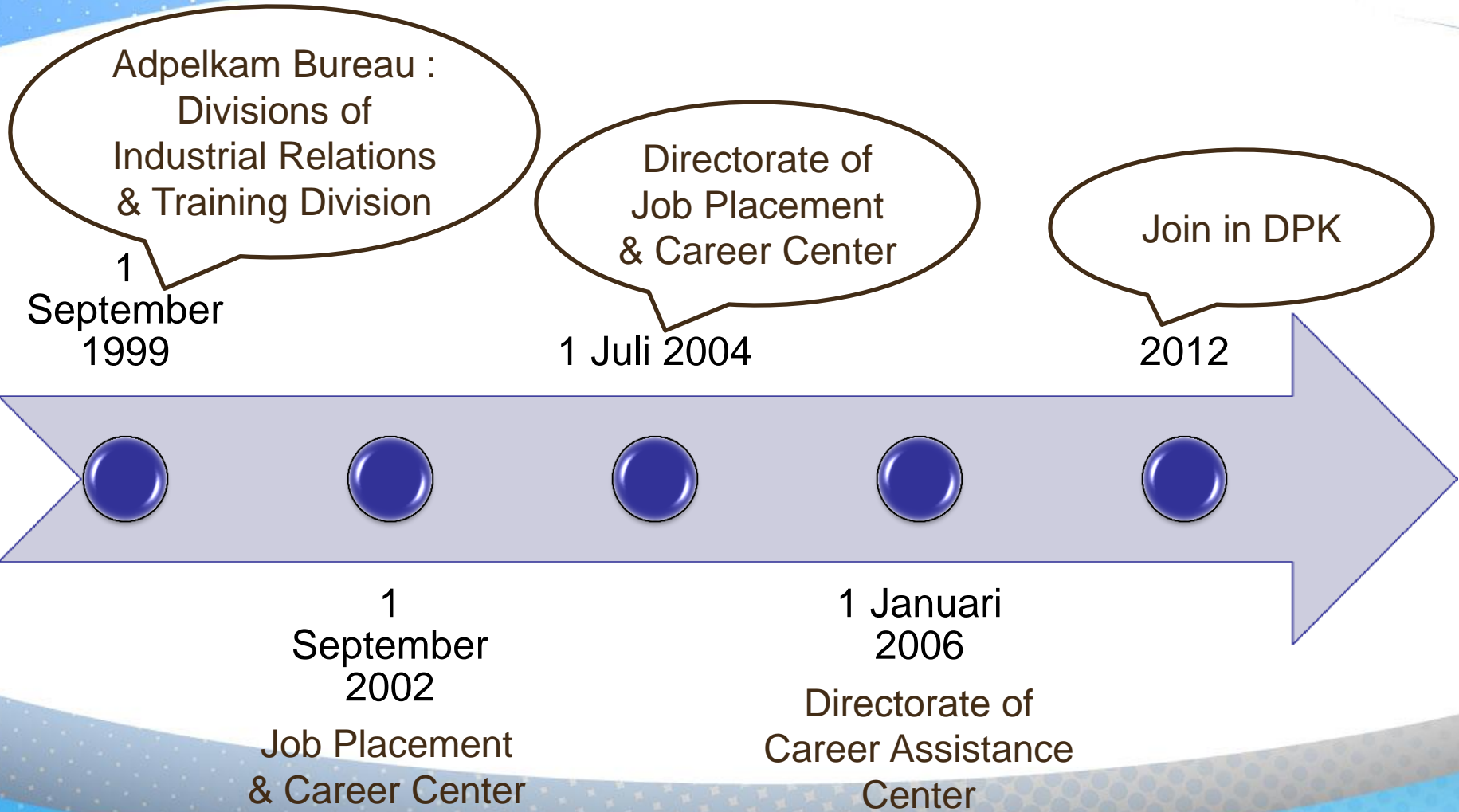
**UBAYA**  
UNIVERSITAS SURABAYA



# Development and Implementation Tracer Study 2015 of Universitas Surabaya

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Rahman Dwi Wahyudi

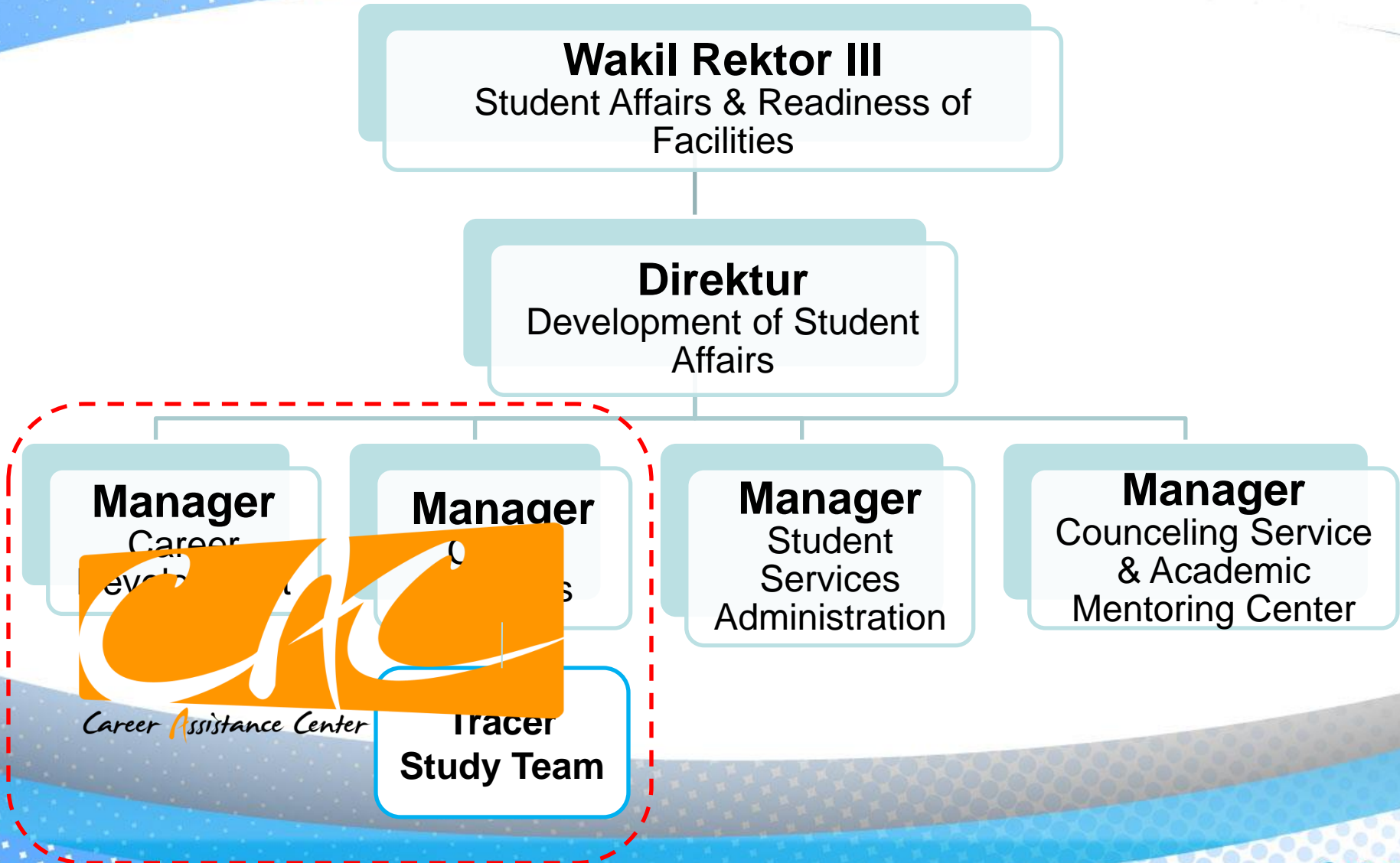
# Introduction



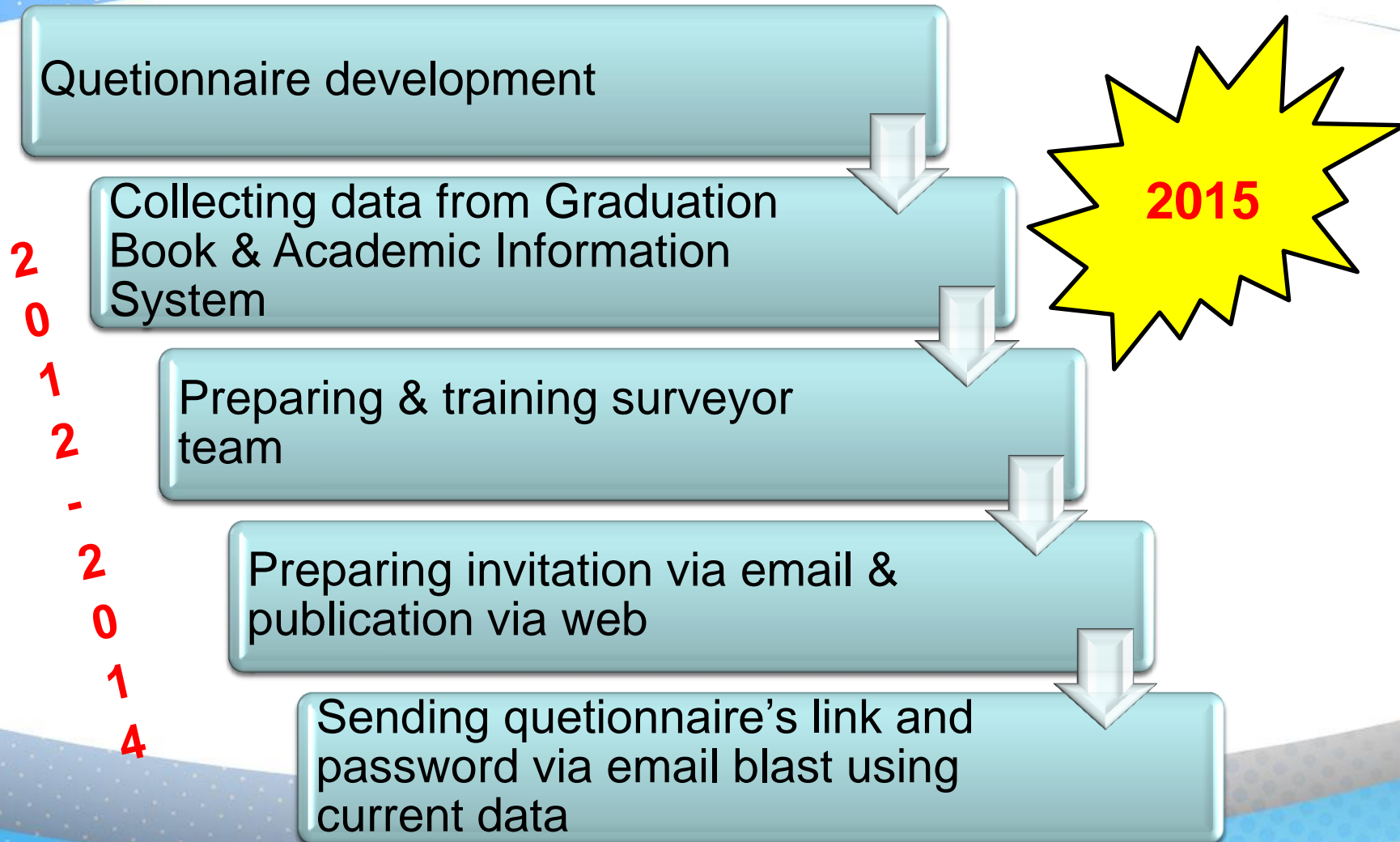




# Organizational Structure



# The Implementation Program



# The Implementation Program



```
graph TD; A[Updating database via phone*] --> B[Sending questionnaire's link and password using update database*]; B --> C[Data collection begins]; C --> D[Reminder via SMS blast or phone around 2-3 times]; D --> E[Closing survey];
```

Updating database via phone\*

Sending questionnaire's link and password using update database\*

Data collection begins

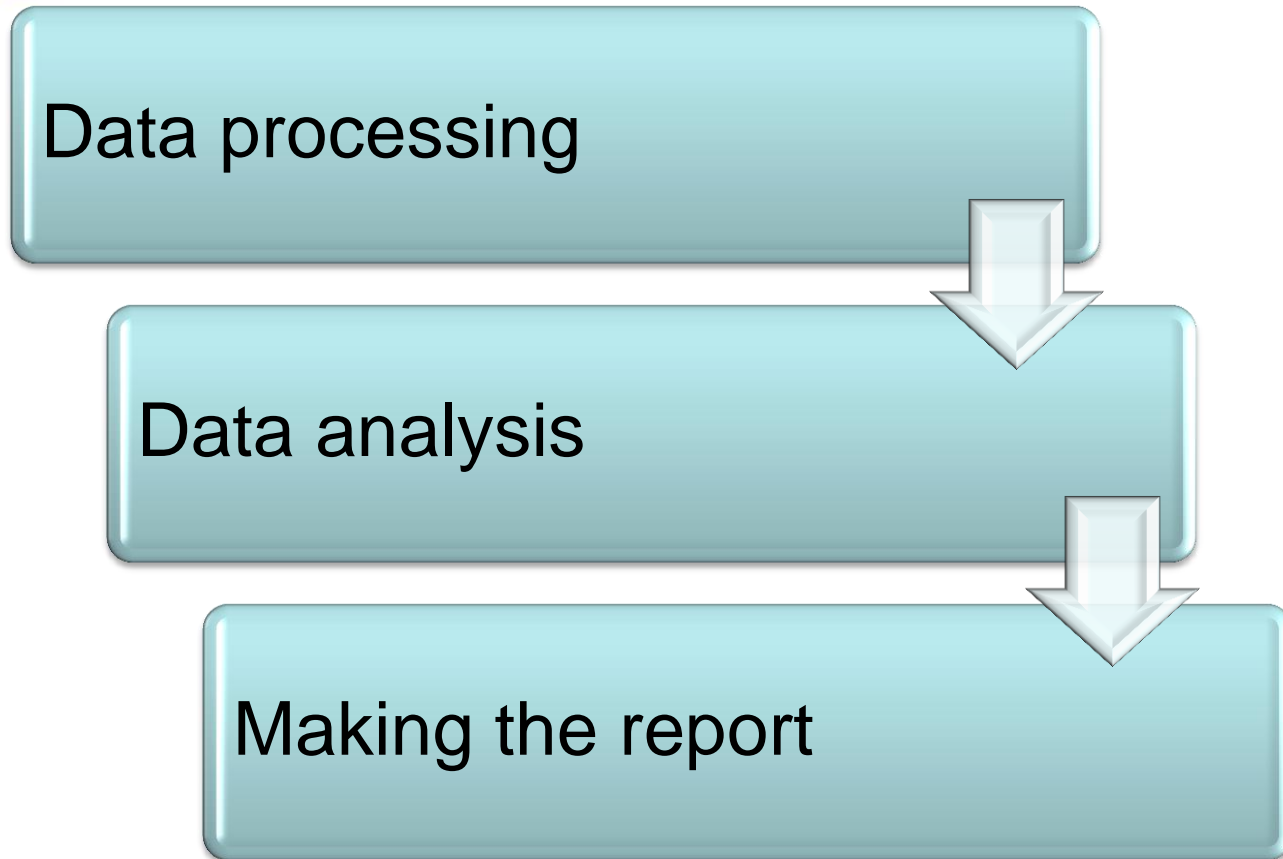
Reminder via SMS blast or phone around 2-3 times

Closing survey

II. Implementation

I. Preparation

# The Implementation Program



**III. Analysis**

**II. Implementation**

**I. Preparation**

# The Implementation Program

Dissemination or reporting to university leaders

Upload TS result to DIKTI's web

Tracer Study team's evaluation for preparing next TS

Improvement learning programs by university leaders

IV. Evaluation

III. Analysis

II. Implementation

I. Preparation



# Tips Encompass Respondents



Students must complete the personal data when registering graduation

Send email which contain link online questionnaire to alumni after get the update data



# Reminder System



IT Staff check & give alumni data who is not filled



Reminder



# Population & Respondents

No.	Faculty	Targ	Respondent
1	Pharmacy	274	49
2	Law	113	3
3	Business & Economics	518	101
4	Polythecnic	191	14
5	Psychology	192	32
6	Technic	436	62
7	Biotechnology	38	4
8	Postgraduate	181	21
	Total	1.94	286



# TS Ubaya 2015 Response Rate

Target Population	1.944	
Undeliverable*	728	37,45%
Target Subject	1.216	62,55%
Respondent	286	
Gross Response Rate	286/1944	14,71%
Net Response Rate	286/1216	23,52%

\*Undeliverable consist of contacts that cannot be contacted and still on progress for contact

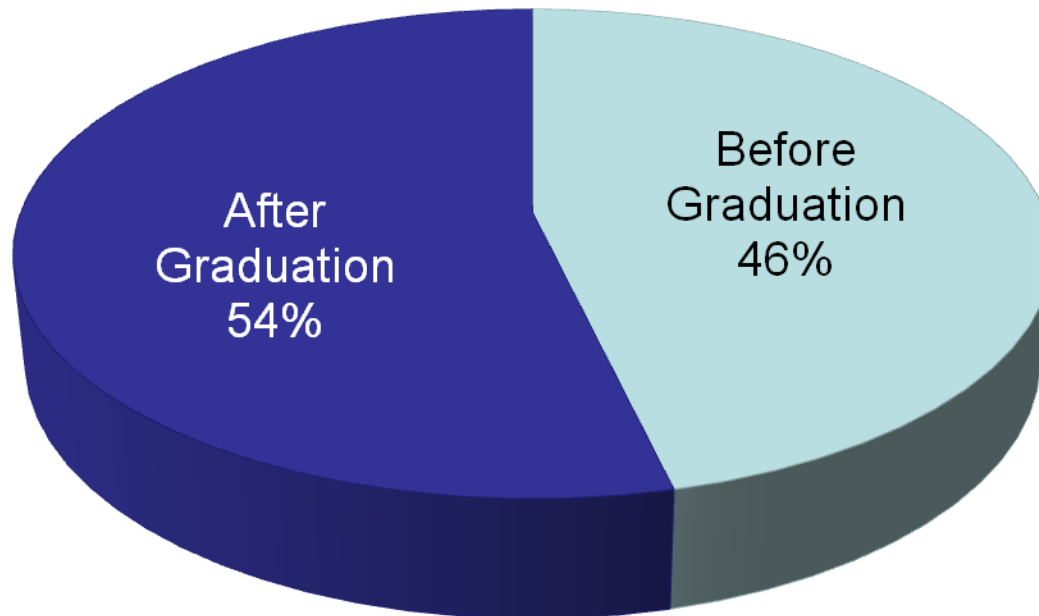


# Response Rate Since 2012



# A. Job Search and Transition to Work

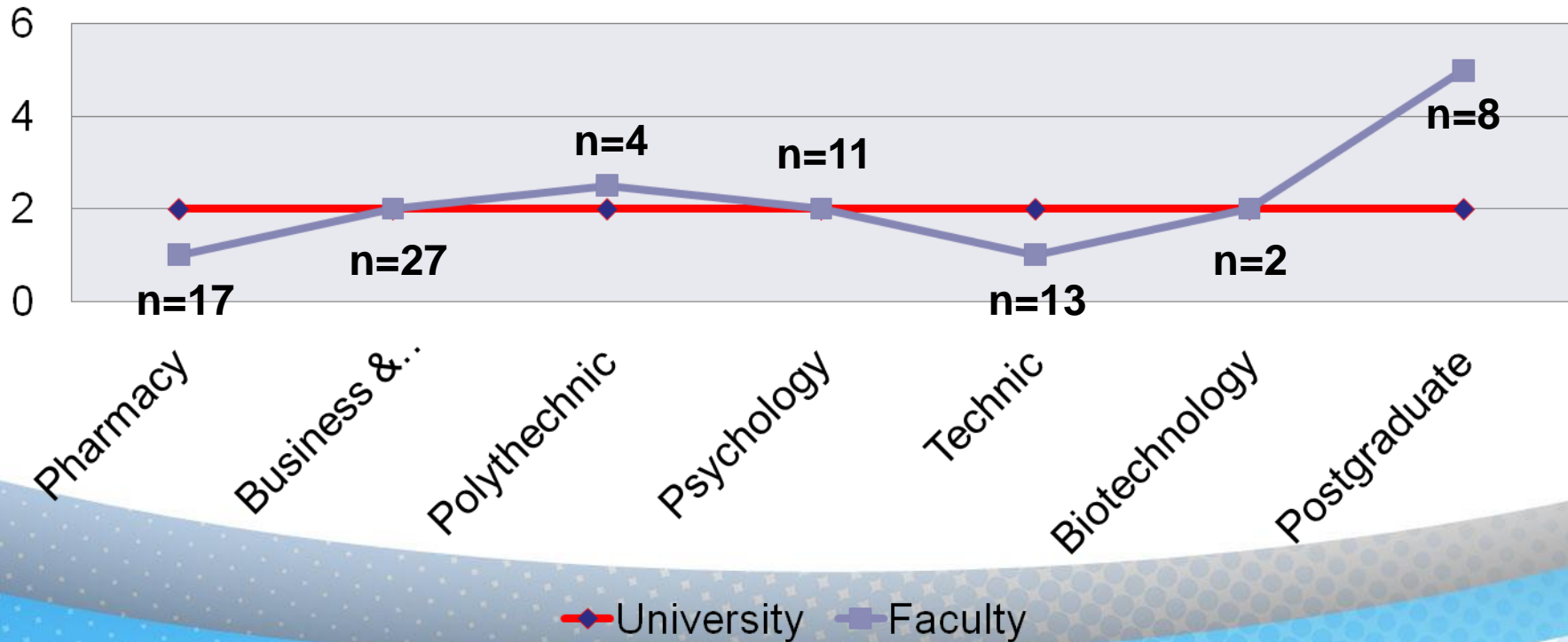
1. When did you start looking for a job?



# A. Job Search and Transition to Work

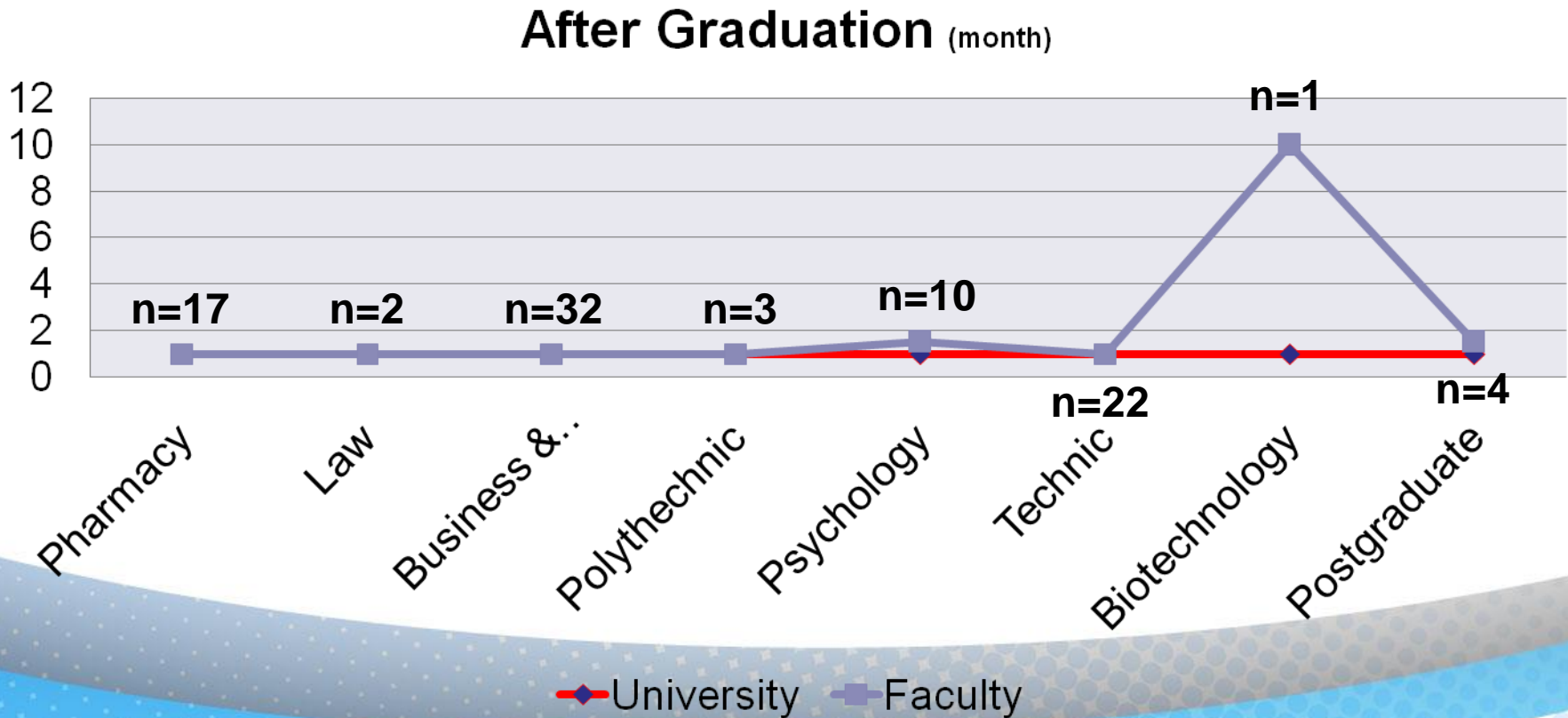
## 1. When did you start looking for a job?

Before Graduation (month)



# A. Job Search and Transition to Work

## 1. When did you start looking for a job?





# A. Job Search and Transition to Work



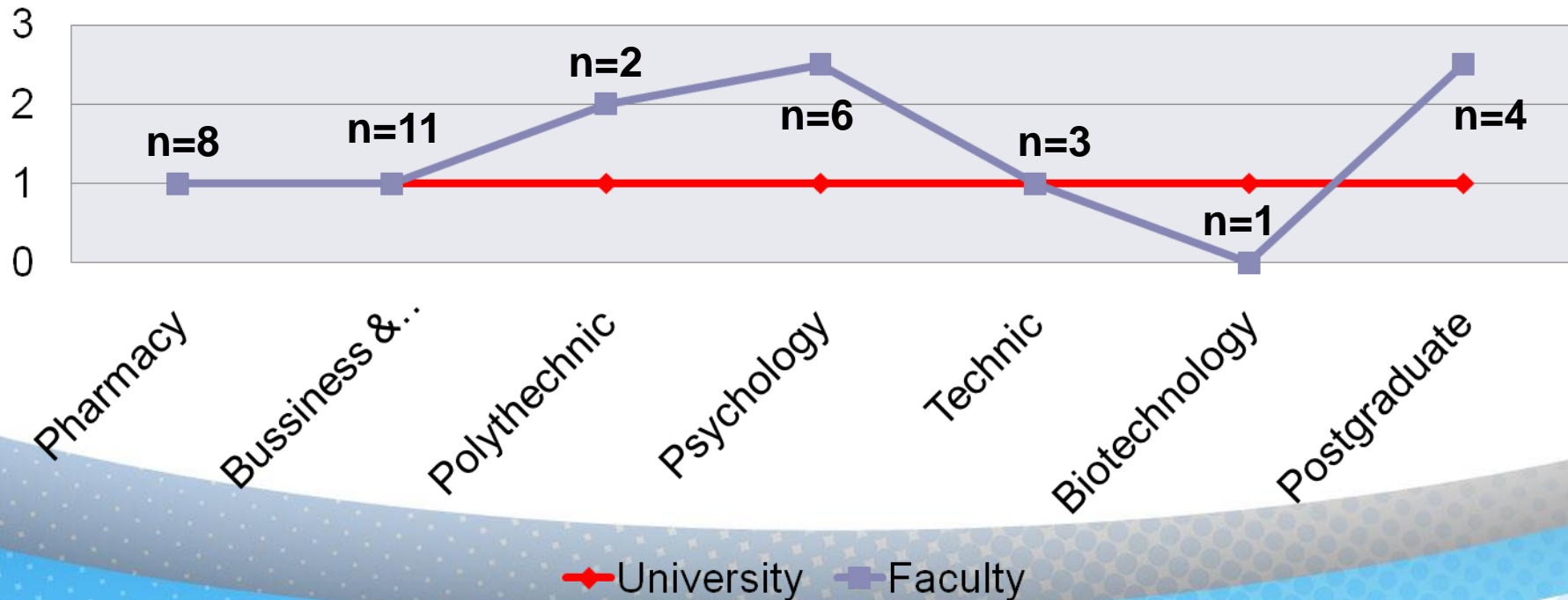
## 2. How did you look for your first job after graduation?



# A. Job Search and Transition to Work

3. How many months did you spend before/after graduation to seek your first job?

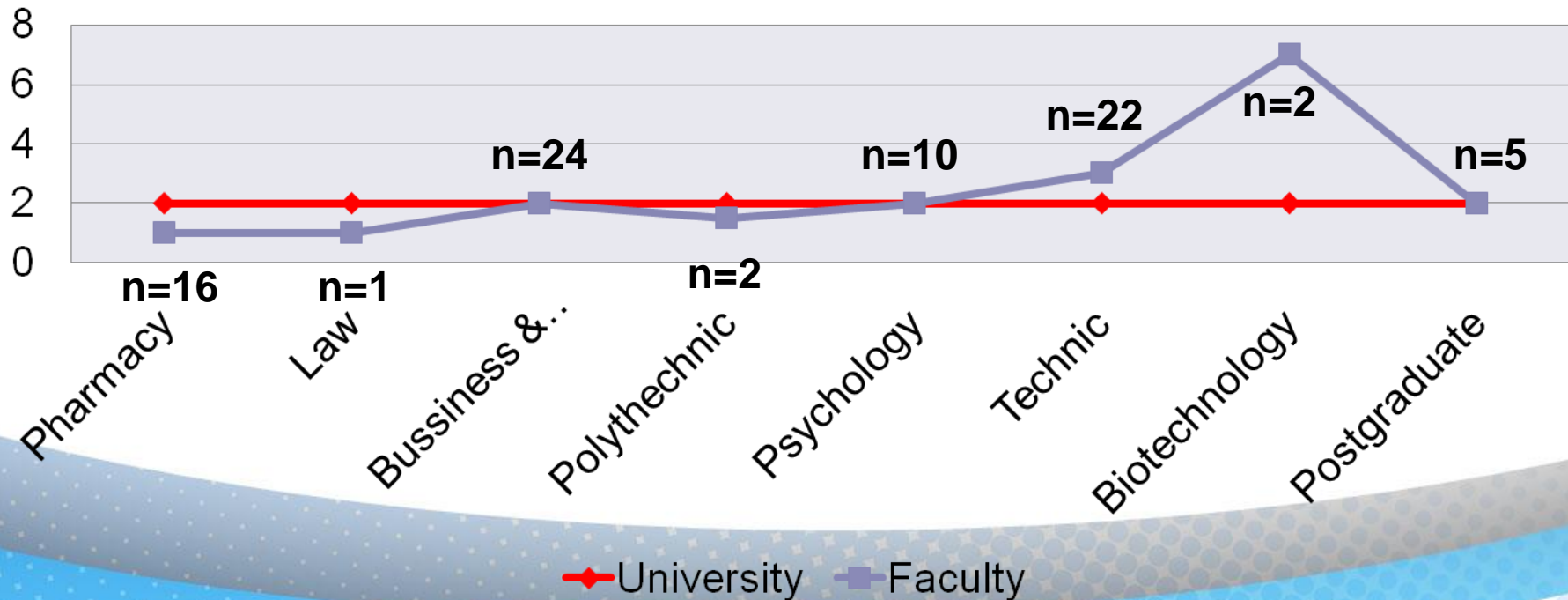
Before Graduation (month)



# A. Job Search and Transition to Work

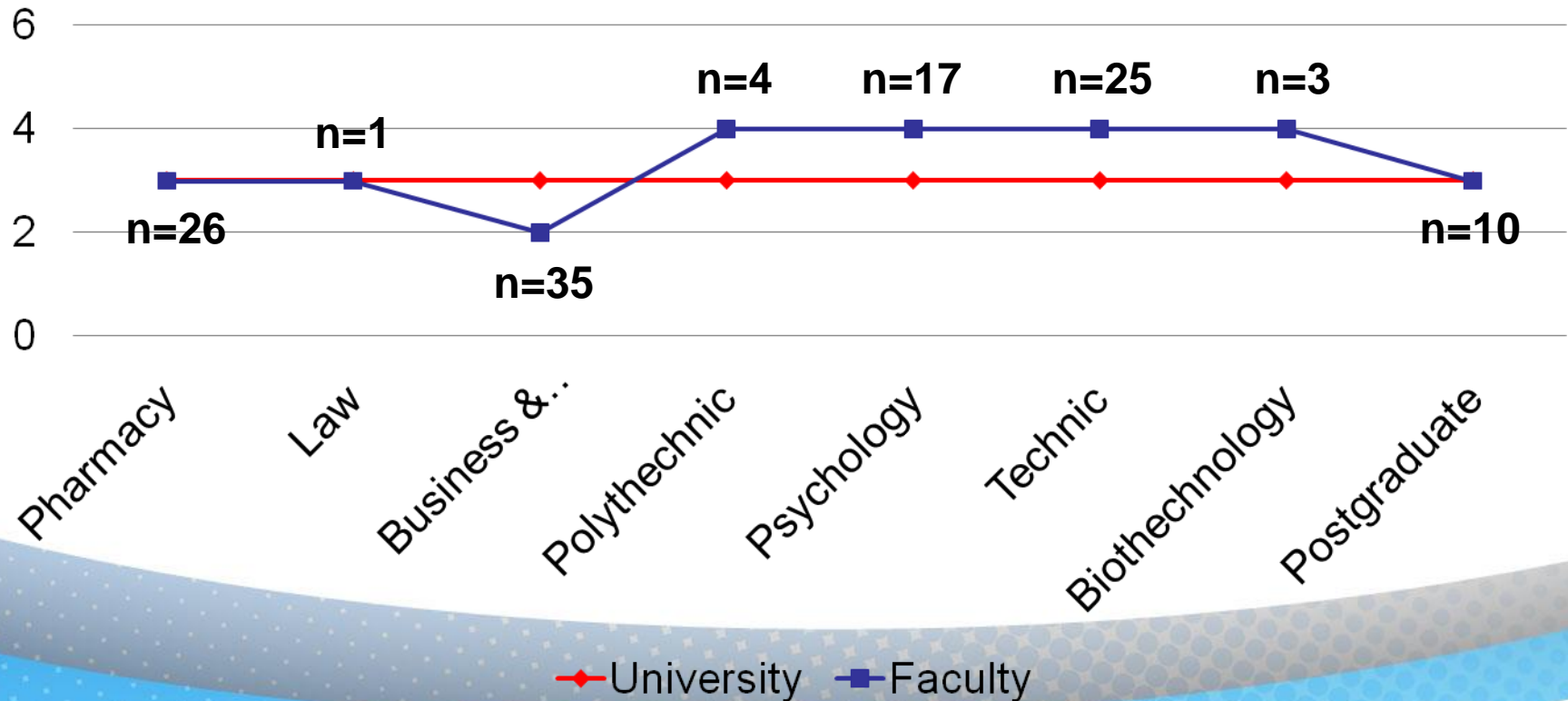
3. How many months did you spend before/after graduation to seek your first job?

After Graduation (month)



# A. Job Search and Transition to Work

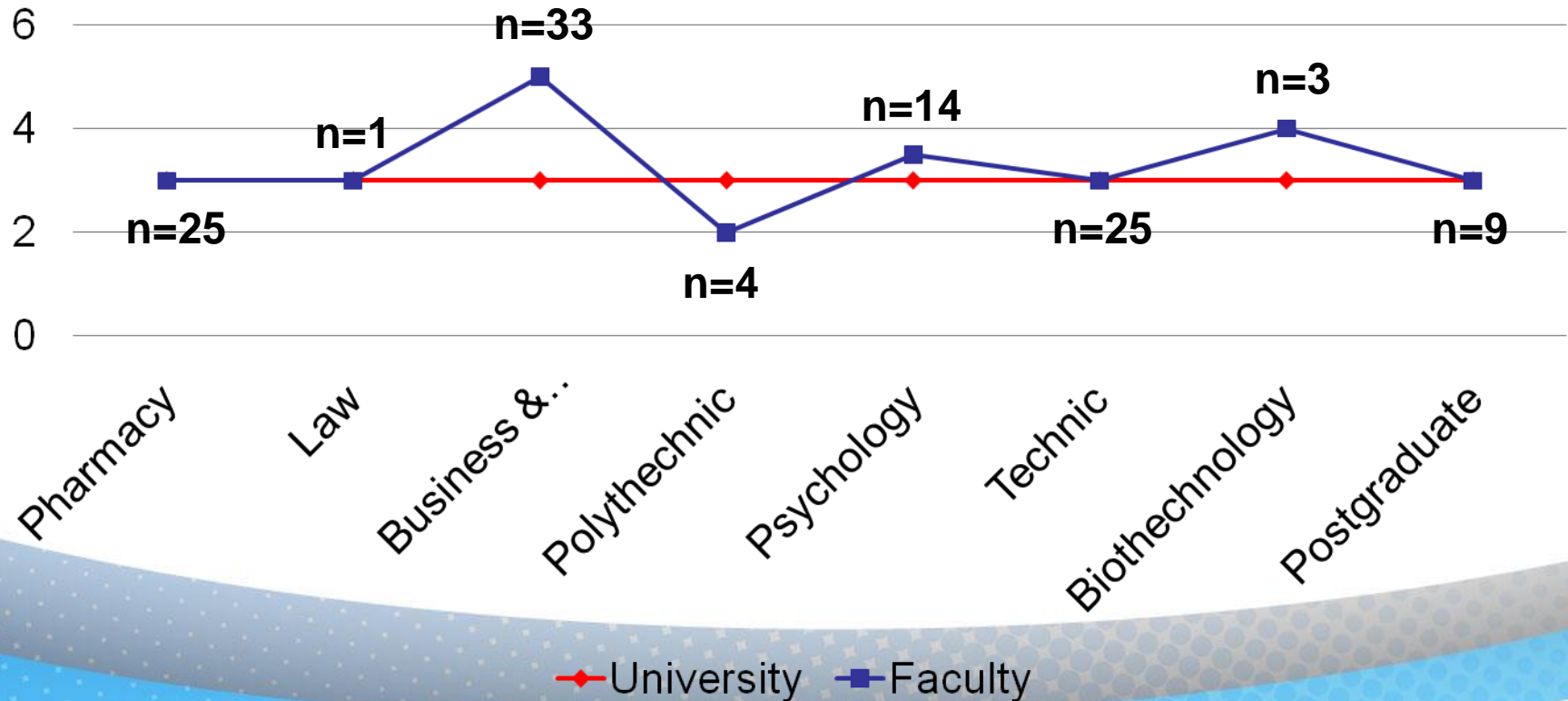
4. How many companies/institution did you contact before you got your first job?





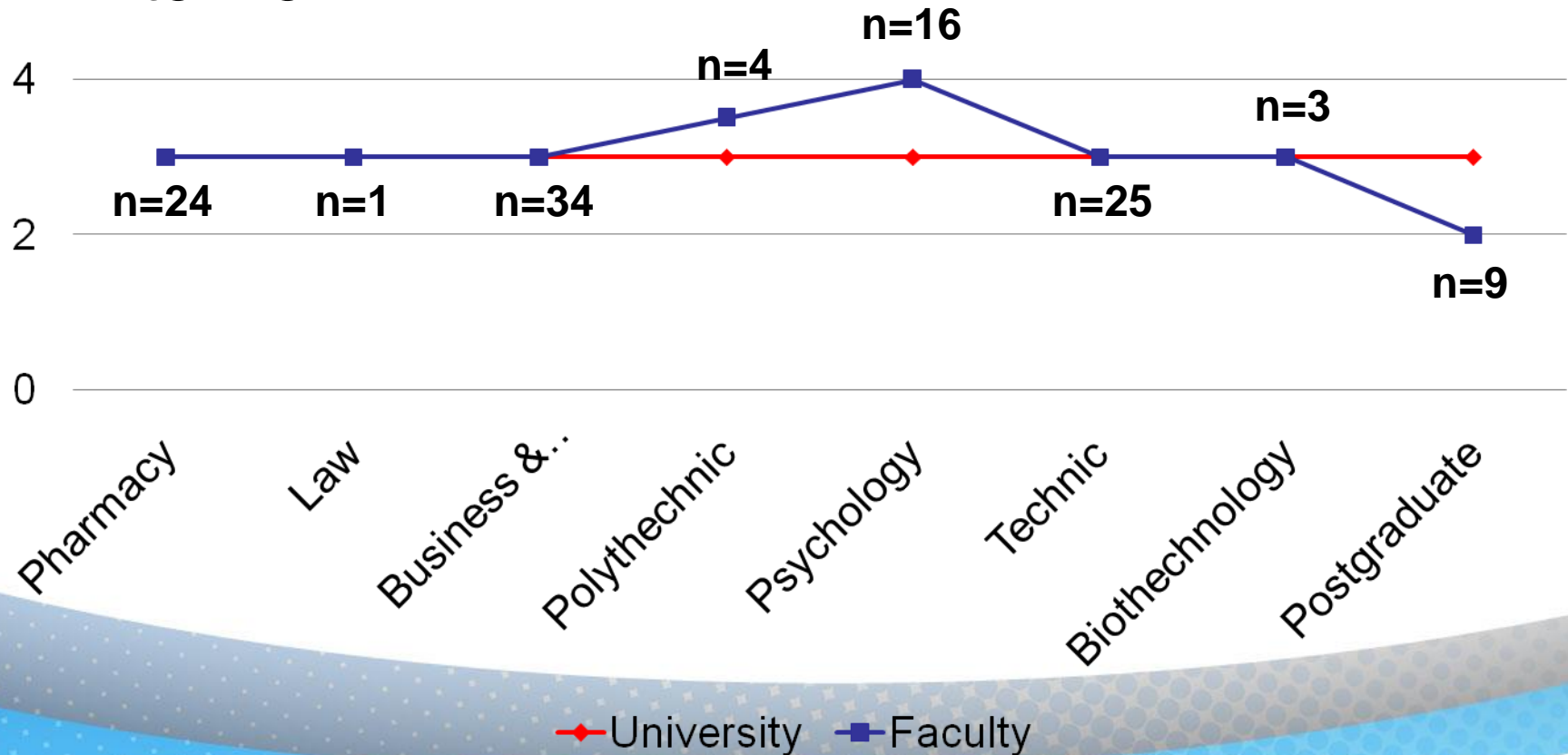
# A. Job Search and Transition to Work

5. How many employers responded to your application?



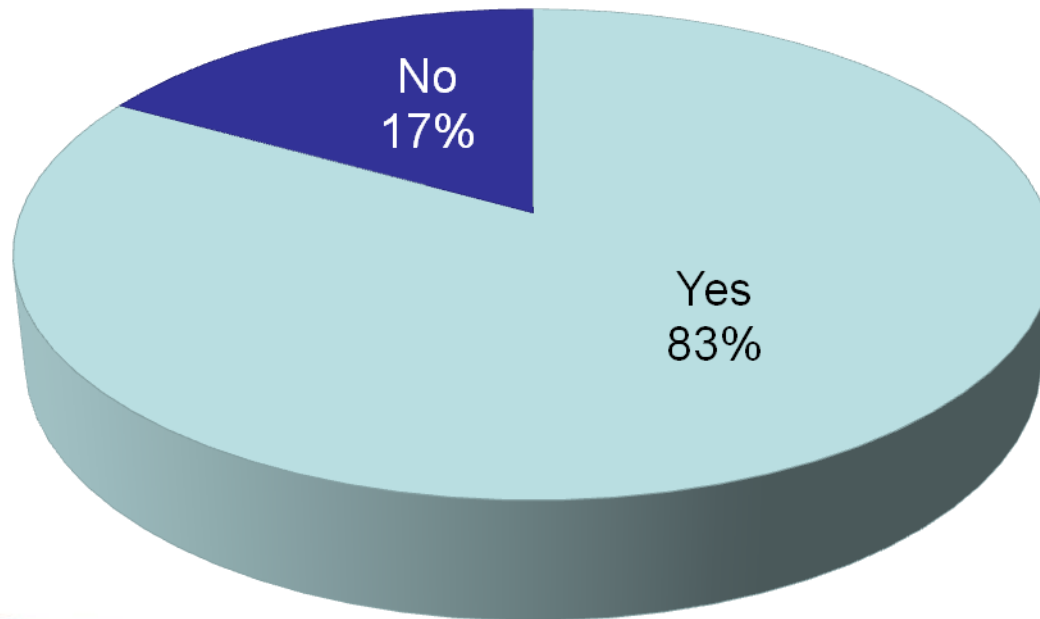
# A. Job Search and Transition to Work

5a. How many employers invited you for a job interview?



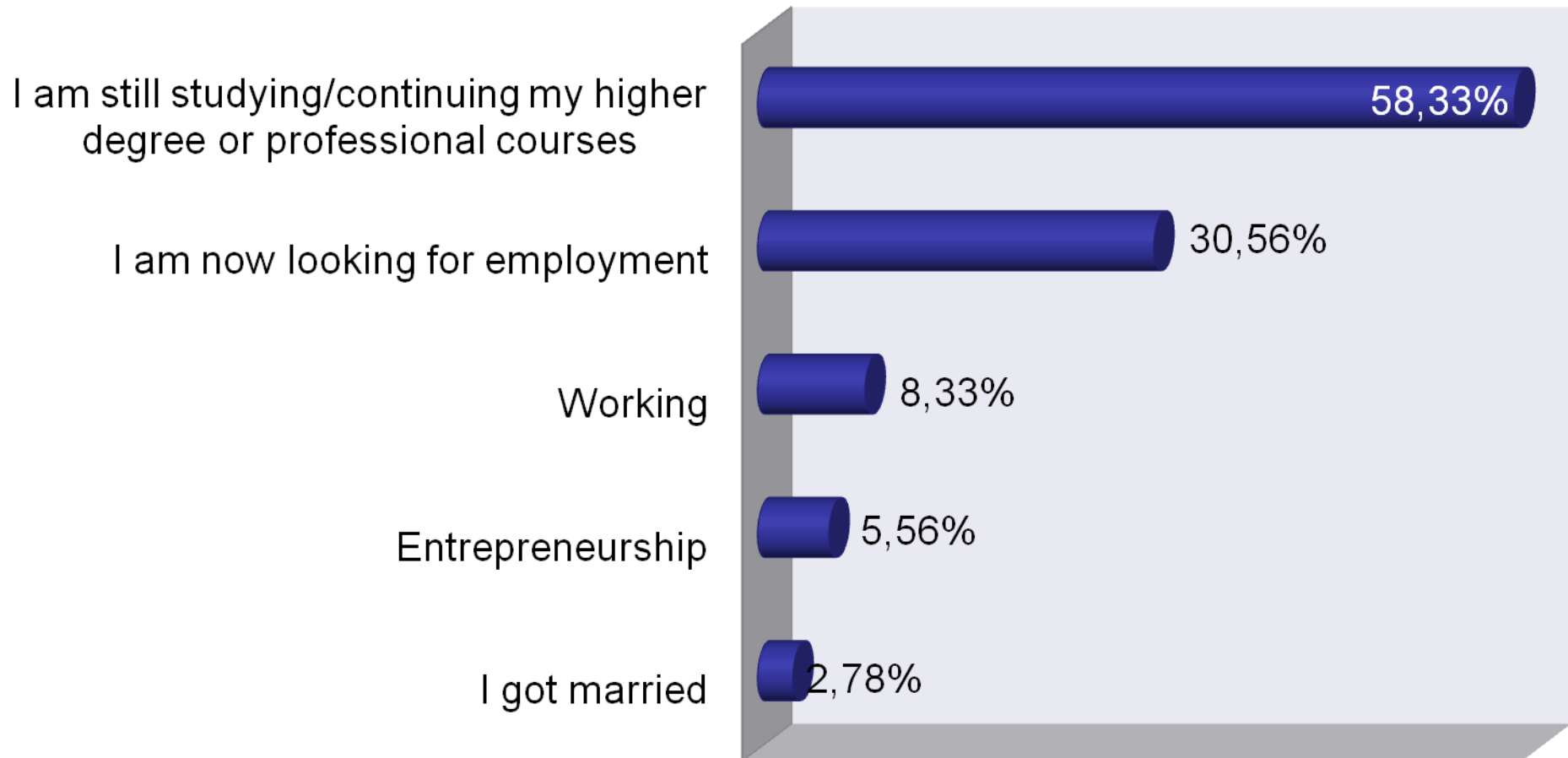
# B. Employment and Work

1. Are you currently employed? (including part-time employment and self-employment)



# B. Employment and Work

## 2. What describes your current situation?





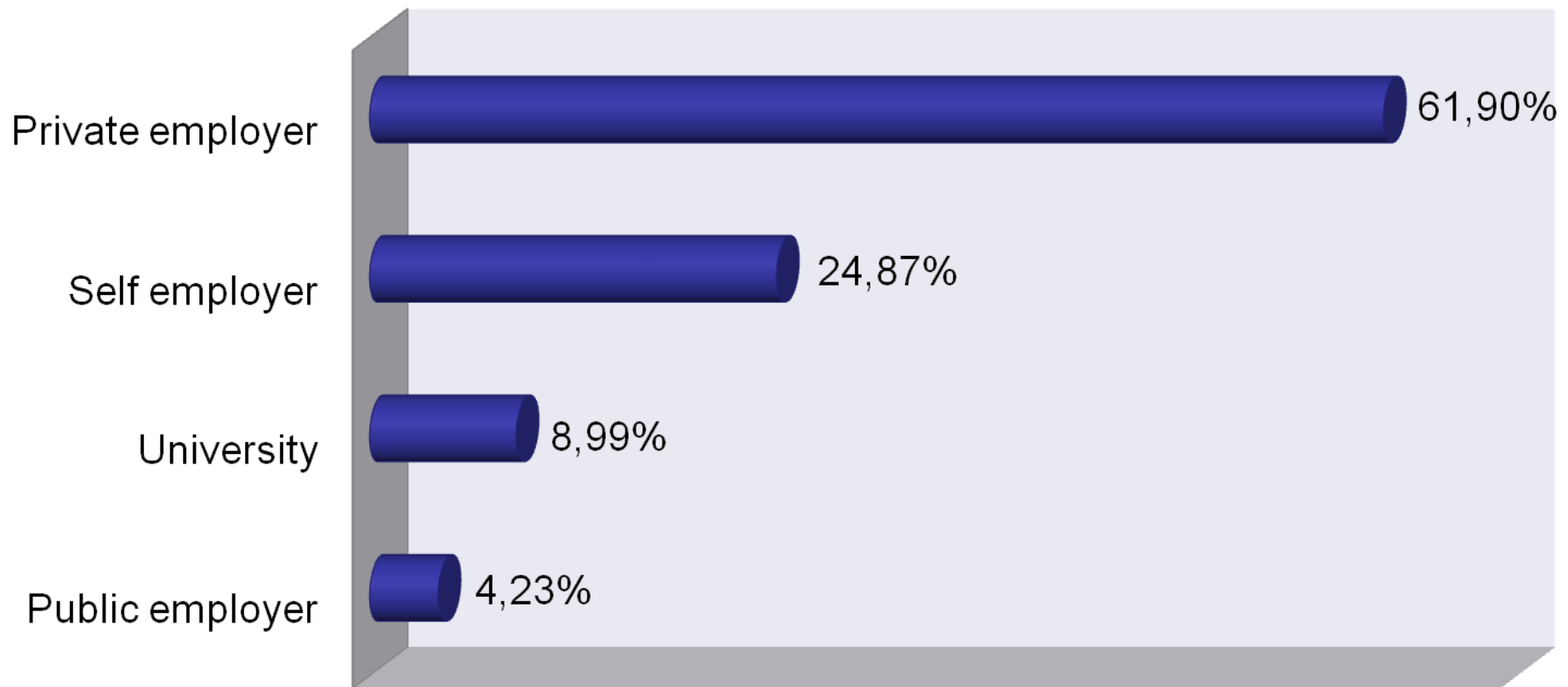
## B. Employment and Work

3. Have you actively tried to obtain (other) paid work within the past 4 weeks?

**18,54% Yes**

# B. Employment and Work

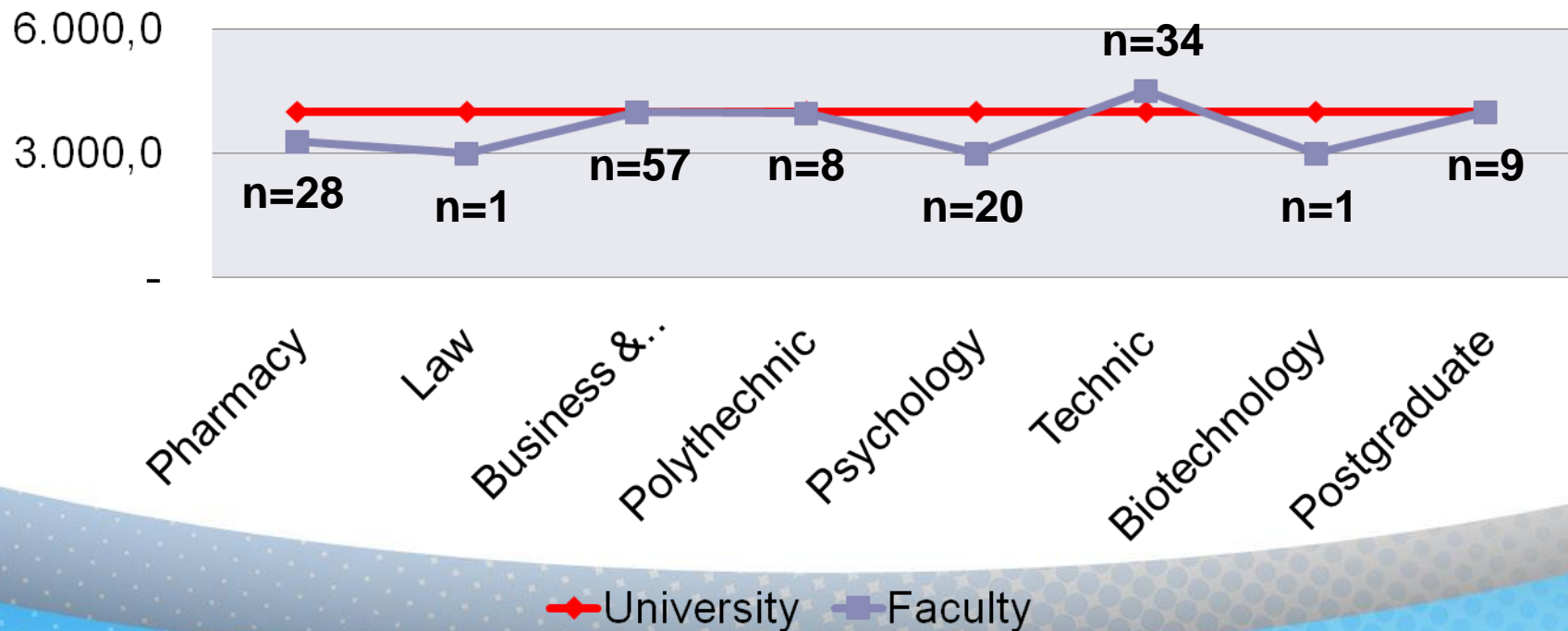
4. Please state the kind of your employer / institution!



# B. Employment and Work

5. What is your approximate monthly gross income?

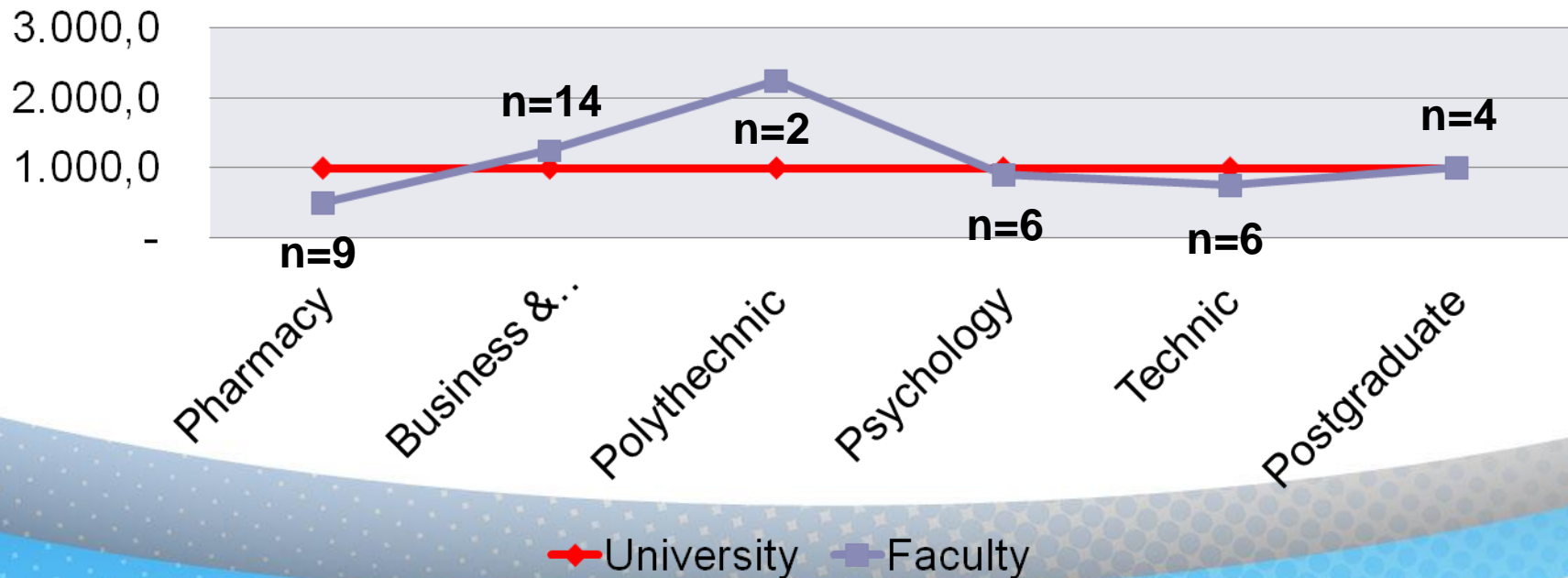
**Income From Current Major Job** (in thousands)



# B. Employment and Work

5. What is your approximate monthly gross income?

**Income From Overtime and Extra Payment Major Job** (in thousands)

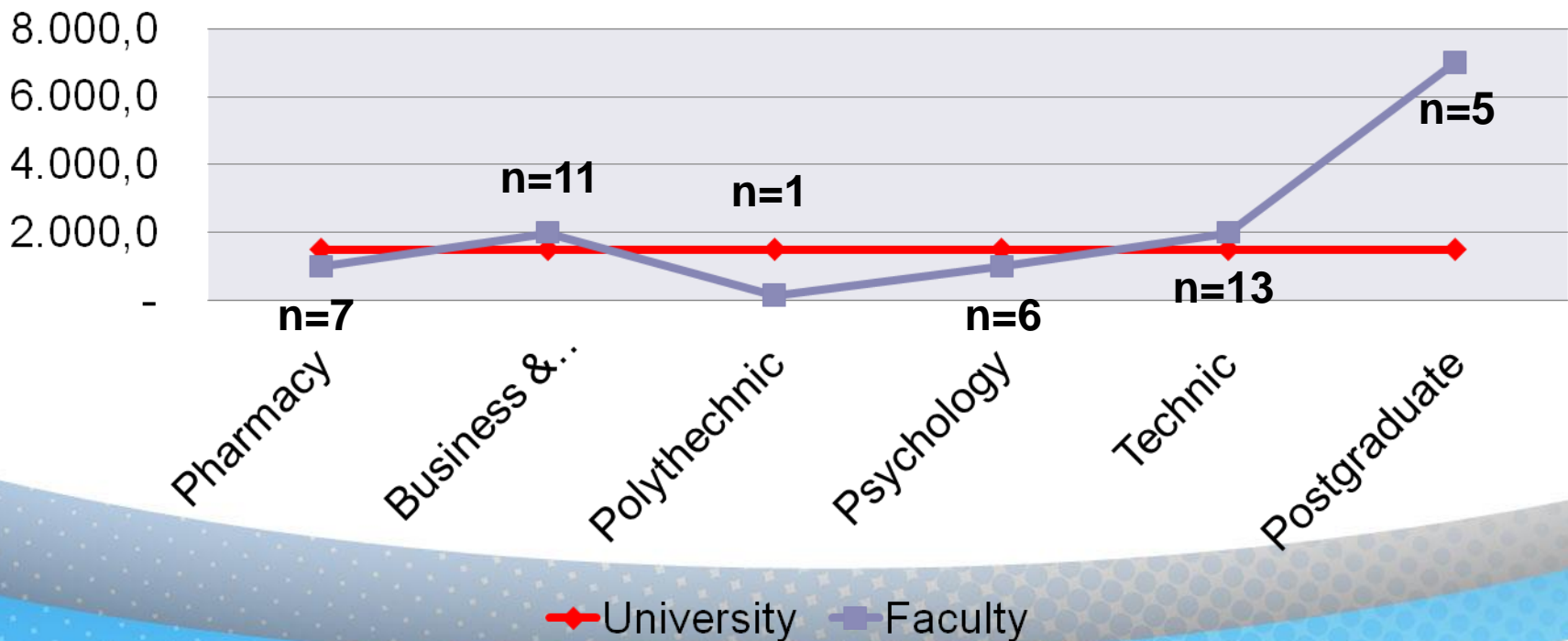




# B. Employment and Work

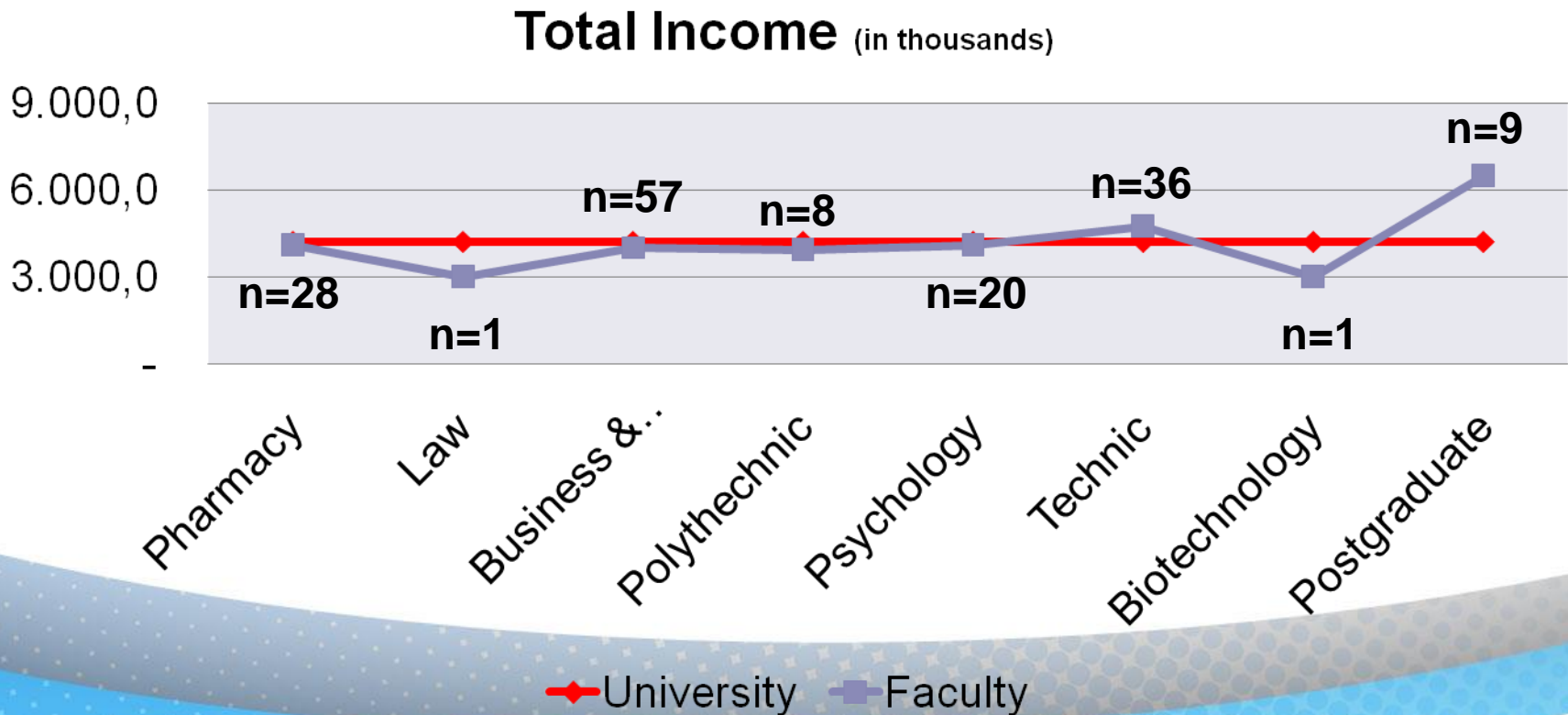
5. What is your approximate monthly gross income?

**Income From Other Job** (in thousands)



# B. Employment and Work

5. What is your approximate monthly gross income?



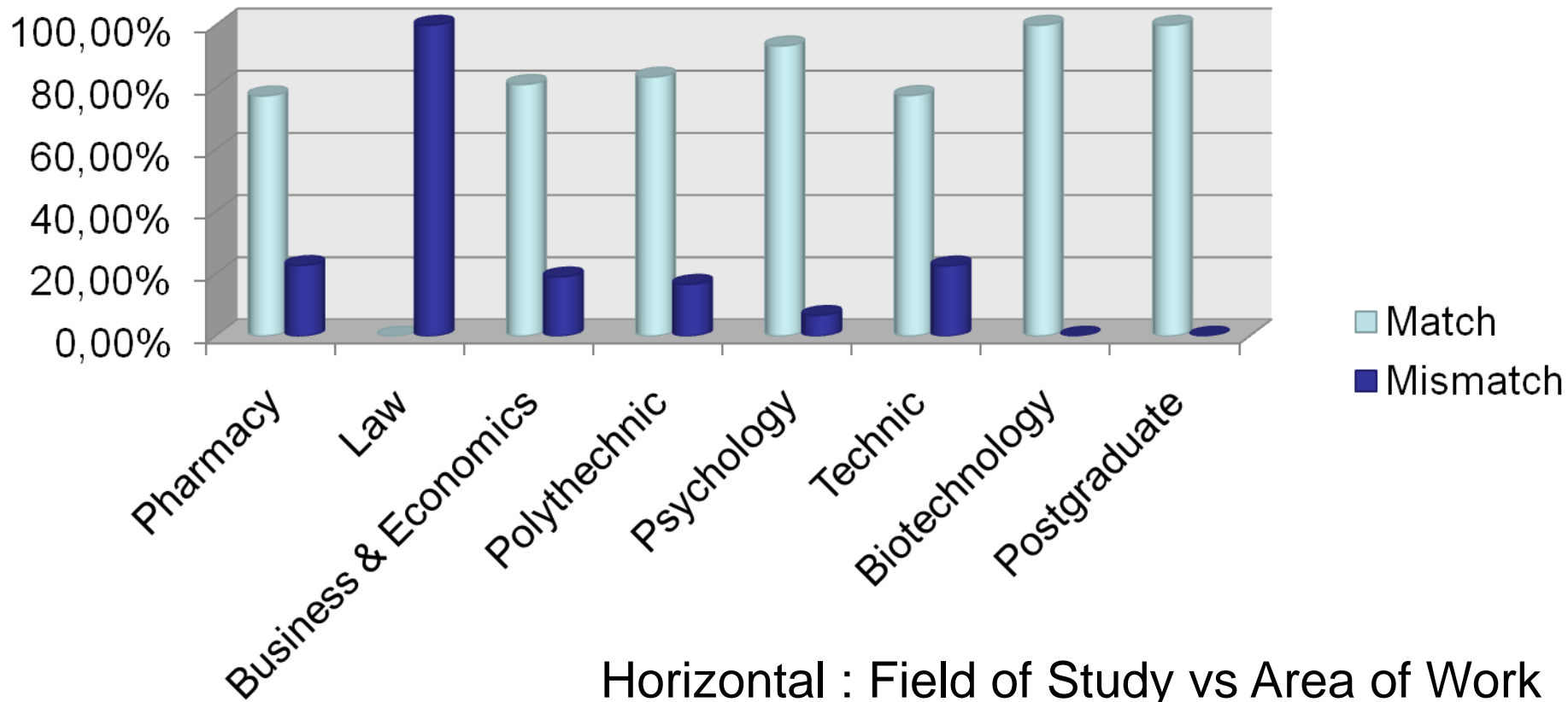
# C. Match & Mismatch

1. To what extent does your field of study relate to your area of work?

To a very high extent	30,47%	}	Match
Close	32,03%		
Fairly closely	20,31%		
Less closely	10,16%	}	Mismatch
Not at all	7,03%		

# C. Match & Mismatch

1. To what extent does your field of study relate to your area of work?





Field	Match		Mismatch	
	Obs	Exp	Obs	Exp
Pharmacy	77,27	76,4775	22,73	23,5225
Law	0	76,4775	100	23,5225
Business and Economics	80,5	76,4775	19,5	23,5225
Polytechnic	83,3	76,4775	16,7	23,5225
Psychology	93,33	76,4775	6,67	23,5225
Technic	77,42	76,4775	22,58	23,5225
Biotechnology	100	76,4775	0	23,5225
Postgraduate	100	76,4775	0	23,5225

Ho: Field of study and congruence are independent variables

H1: At least there is a pair of those variables which are dependent

Calculated Chi-sq 405,9983

Tabulated Chi-sq 14,06714

Decision Reject H0

$$V = \sqrt{\frac{\chi^2}{n(k-1)}}$$

Cramer's V = 0.71

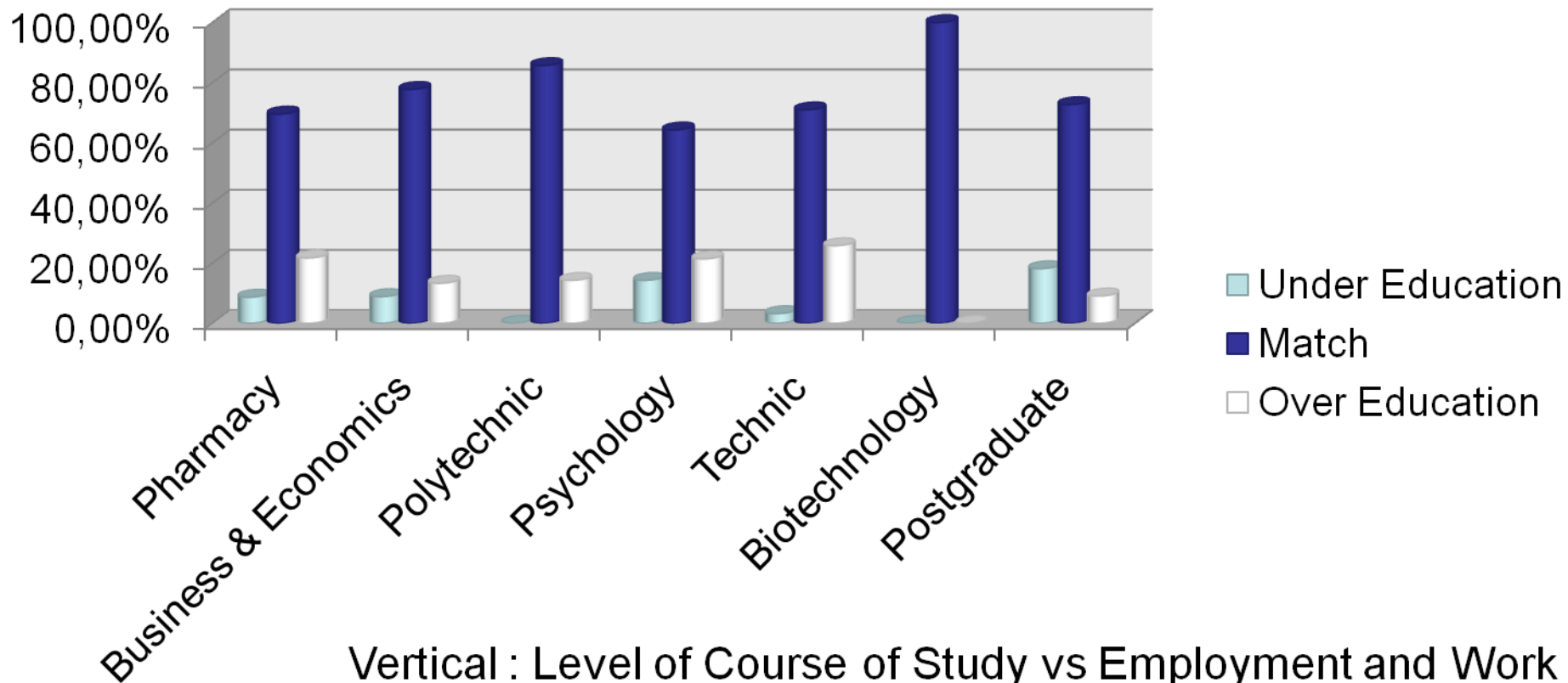
# C. Match & Mismatch

2. What is the most appropriate level of course of study / degree for your employment and work?

A higher level	18,18%	Under education
The same level	73,48%	
A lower level	3,03%	Match
No higher education degree needed	5,30%	
		Over education

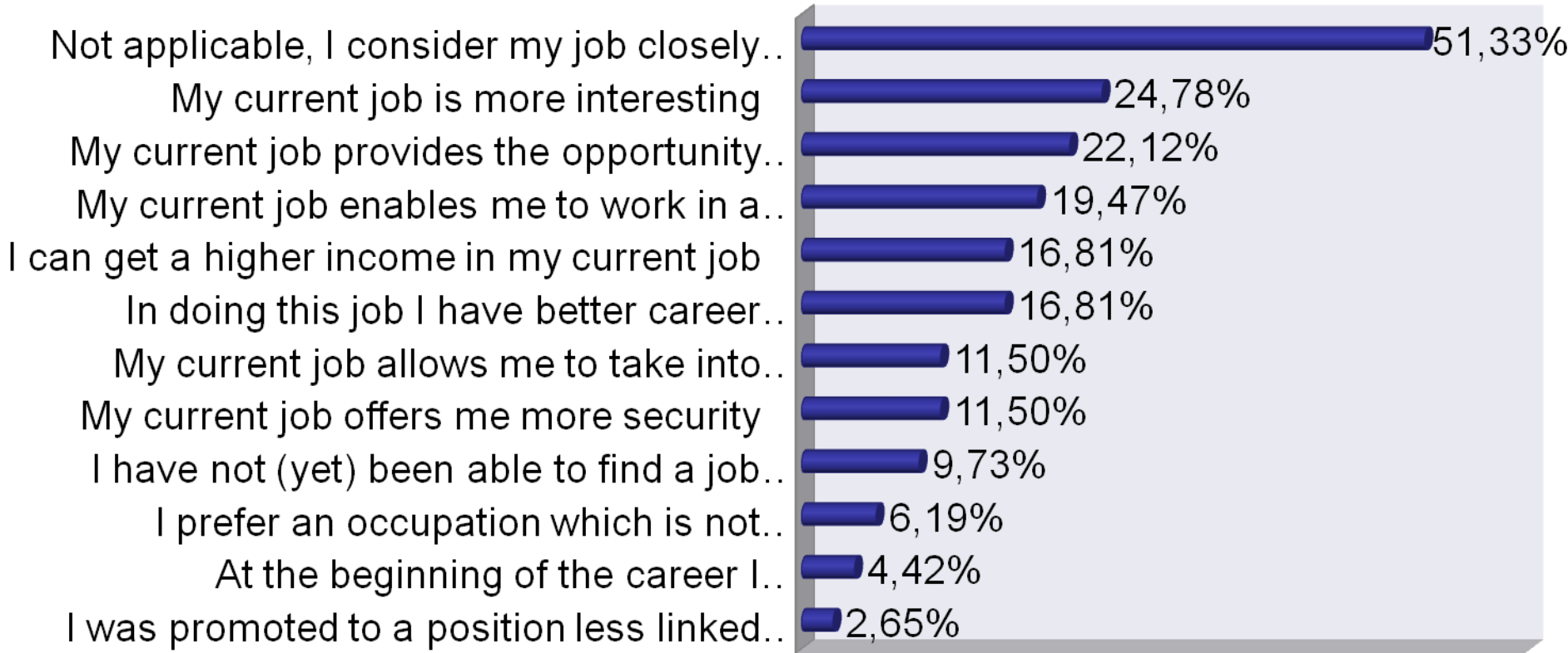
# C. Match & Mismatch

2. What is the most appropriate level of course of study / degree for your employment and work?



# C. Match & Mismatch

3. If you consider your employment and work as hardly appropriate and not linked to your education, why did you take it up?





# D. Competencies

At the time of graduation :

1. To what extent did you have the following competencies?
2. To what extent did the university contribute to the following competencies?

A light blue arrow pointing to the right, with a white outline and a slight shadow. The text 'Let's Go' is centered inside the arrow.

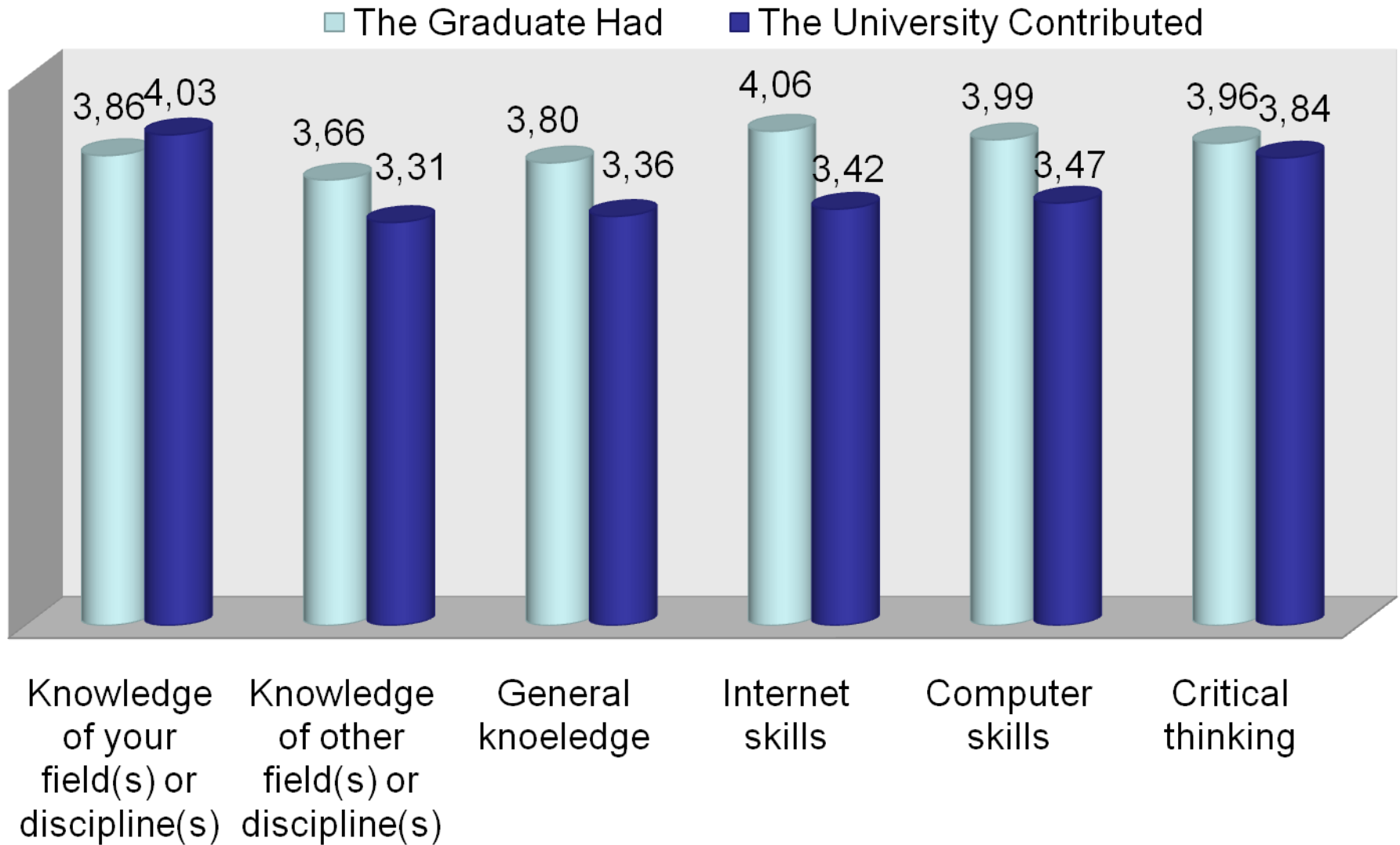
Let's Go

## 9 Softskill Competencies of Ubaya's Graduates (Peraturan Rektor No. 454/2013) :

1. Self Management
2. Reasoning skill
3. Lifelong learning
4. Communication
5. Teamwork
6. Openess in diversity
7. Integrity
8. Organizational skill
9. Leadership



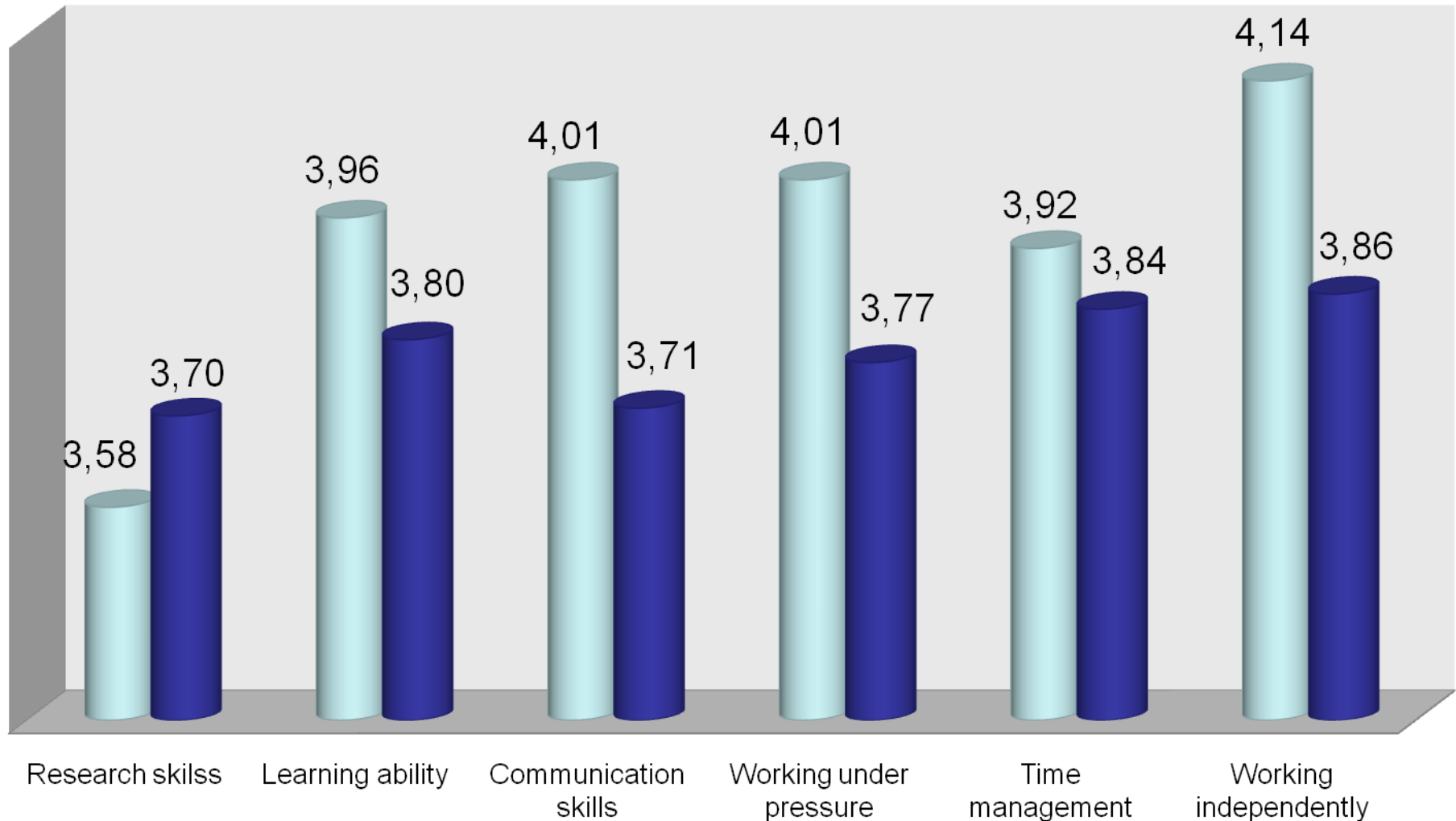
# D. Competencies



# D. Competencies



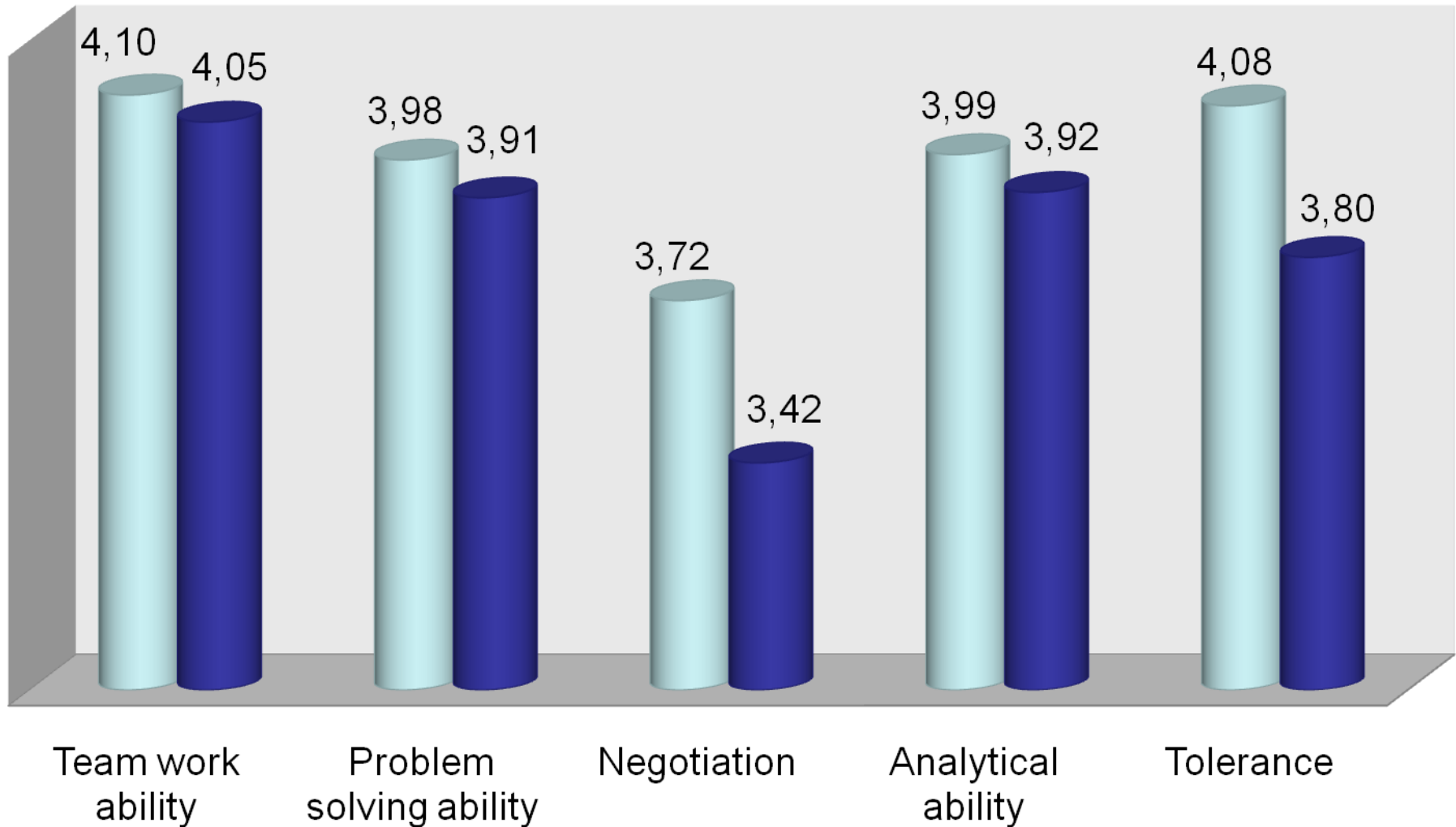
■ The Graduate Had    ■ The University Contributed



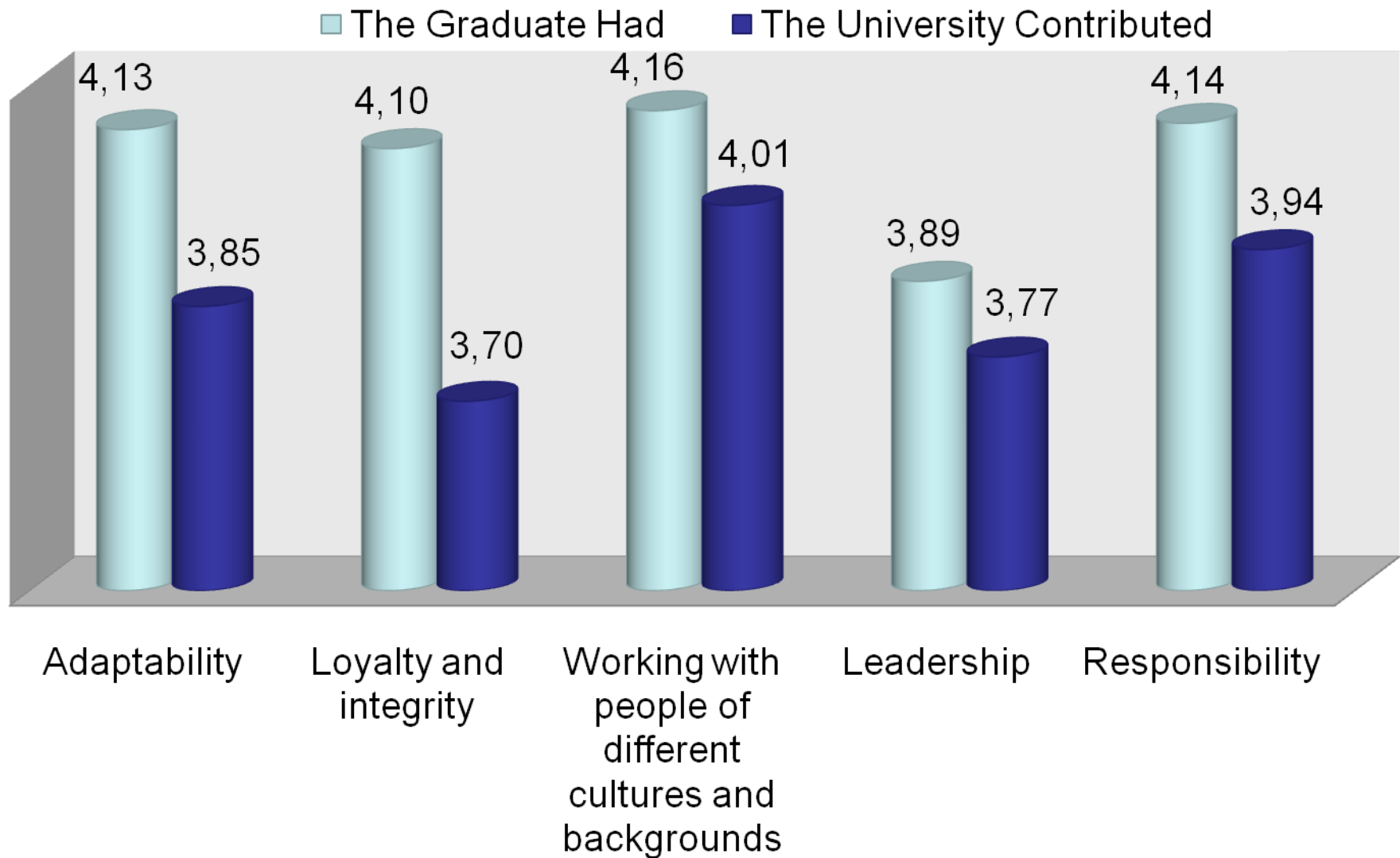


# D. Competencies

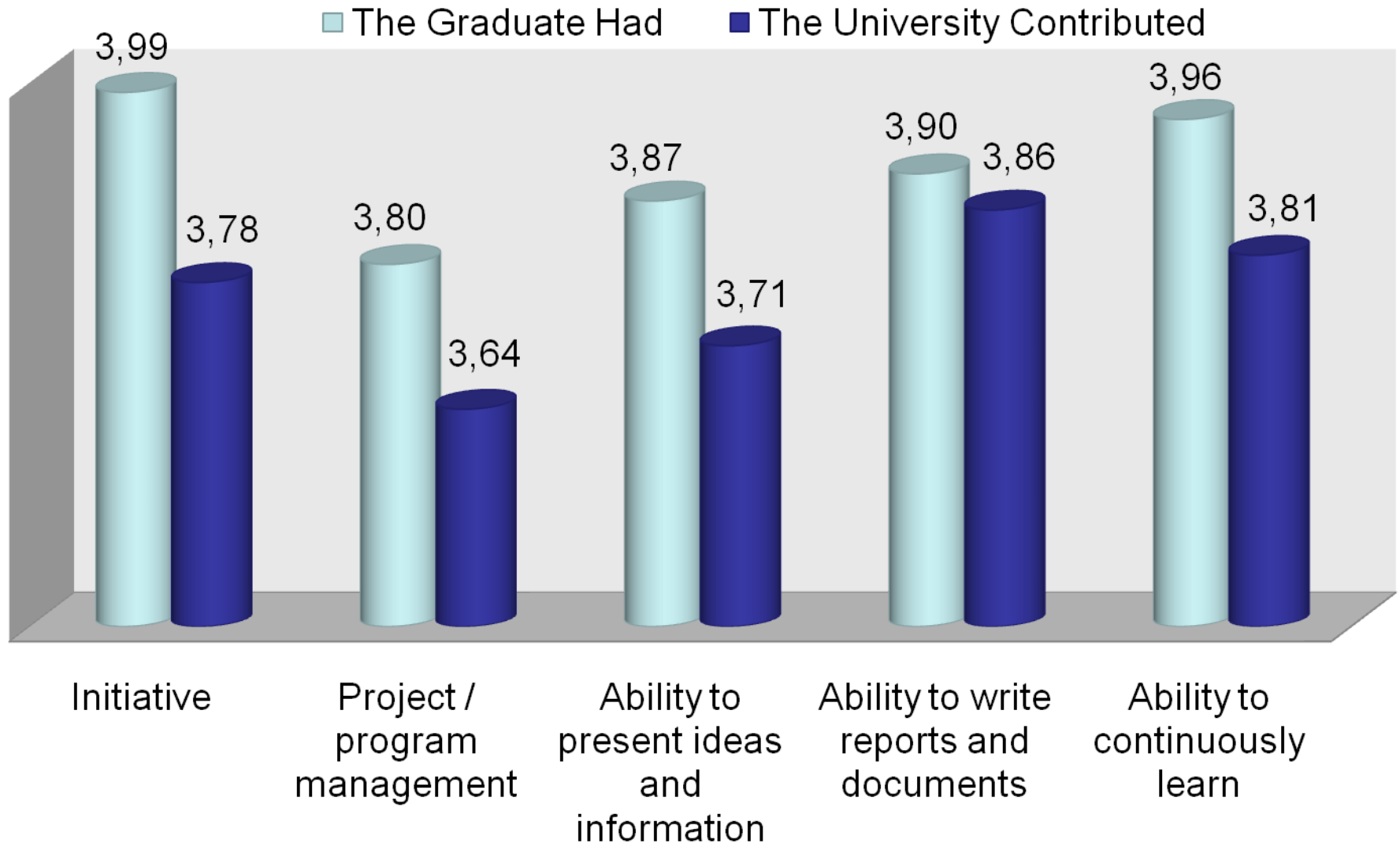
■ The Graduate Had    ■ The University Contributed



# D. Competencies



# D. Competencies



# Conclusions

- The new way to contact alumniees then send the link questionnaire directly is more effectively to increase the response rate.
- Just 8,33 % from total alumniees cohort 2013 that already worked. Beside that, 30,56 % still looking for a employment.
- The 5<sup>th</sup> highest gaps in competencies are working independently, communication, adaptability, loyalty & integrity, and initiative.



# The Obstacles

- Commitment of university leaders
- Consistency
- Obtain updated database of alumniees

