HASIL PELAKSANAAN HIBAH TRACER STUDY SEKOLAH TINGGI TEKNIK PLN JAKARTA TAHUN 2015

Foreword

- Tracer Study is an effective method to trace both alumnus location and their condition.

- Alumnus Tracer Study / Survey is held based on a purpose that is acquiring alumnus actual information for evaluating and college developing quality, so that STT-PLN will be able to continuously increase learning quality such as curriculum revision, learning quality improvement, and adjustment of learning method based on the acquired information so in the end of the day it would solve the unbalance between graduates and job vacancies.

Foreword (Advanced)

STT-PLN Tracer Study started to operate in 2011,

It was manually done by filling Questionnaire form provided by STT-PLN Tracer Study committee.

KUESIONER ALUMNI MAHASISWA STT-PLN

1. (Untuk yang tidak tepat waktu) alasan-alasan apa yang menyebabkan ketidaktepatan masa studi

2. Pada

3. Kapa

4. Apaka

5. Bagaimana anda mencari pekerjaan tersebut? Jawaban bisa lebih dari satu

   a. Melalui Relasi (misal : dosen, teman, orangtua, dll)
   b. Mem
   c. Mela
   d. Mela

6. Berapa pen anda mem

   a. 1 Pe
   b. 2 Pe
   c. > 2 P

7. Berapa bar

   a. 1 Pe
   b. 2 Pe
   c. > 2 P

8. Bagaimana

   a. Seda
   b. Seda
   c. Seda
   d. Seda
   e. Seda
   f. Seda

9. Tempat anda bekerja saat ini bergerak di bidang apa?

   a. Industri Farmasi
   b. Industri Jasa Konstruksi
   c. Industri Komputer, Elektronika dan Optik
   d. Industri Makanan dan atau Minuman
   e. Industri Percetakan
   f. Lain-lain

10. Seberapa erat hubungan antara bidang studi dengan pekerjaan anda?

    a. Kurang Erat
    b. Cukup Erat
    c. Erat
    d. Sangat Erat
    e. Tidak sama sekali

11. Jika menurut anda pekerjaan anda saat ini tidak sesuai dengan pendidikan anda, mengapa anda mengambilnya? Jawaban bisa lebih dari satu

    a. Memperoleh prospek karir yang lebih baik
    b. Dapat menjamin kebutuhan keluarga
    c. Lokasi lebih dekat rumah
    d. Dapat bekerja tambahan atau sampingan
    e. Belum mendapatkan pekerjaan yang sesuai

Foreword (Advanced)

In the middle of 2012, STT-PLN created an application on Google docs to establish upcoming Tracer Study.
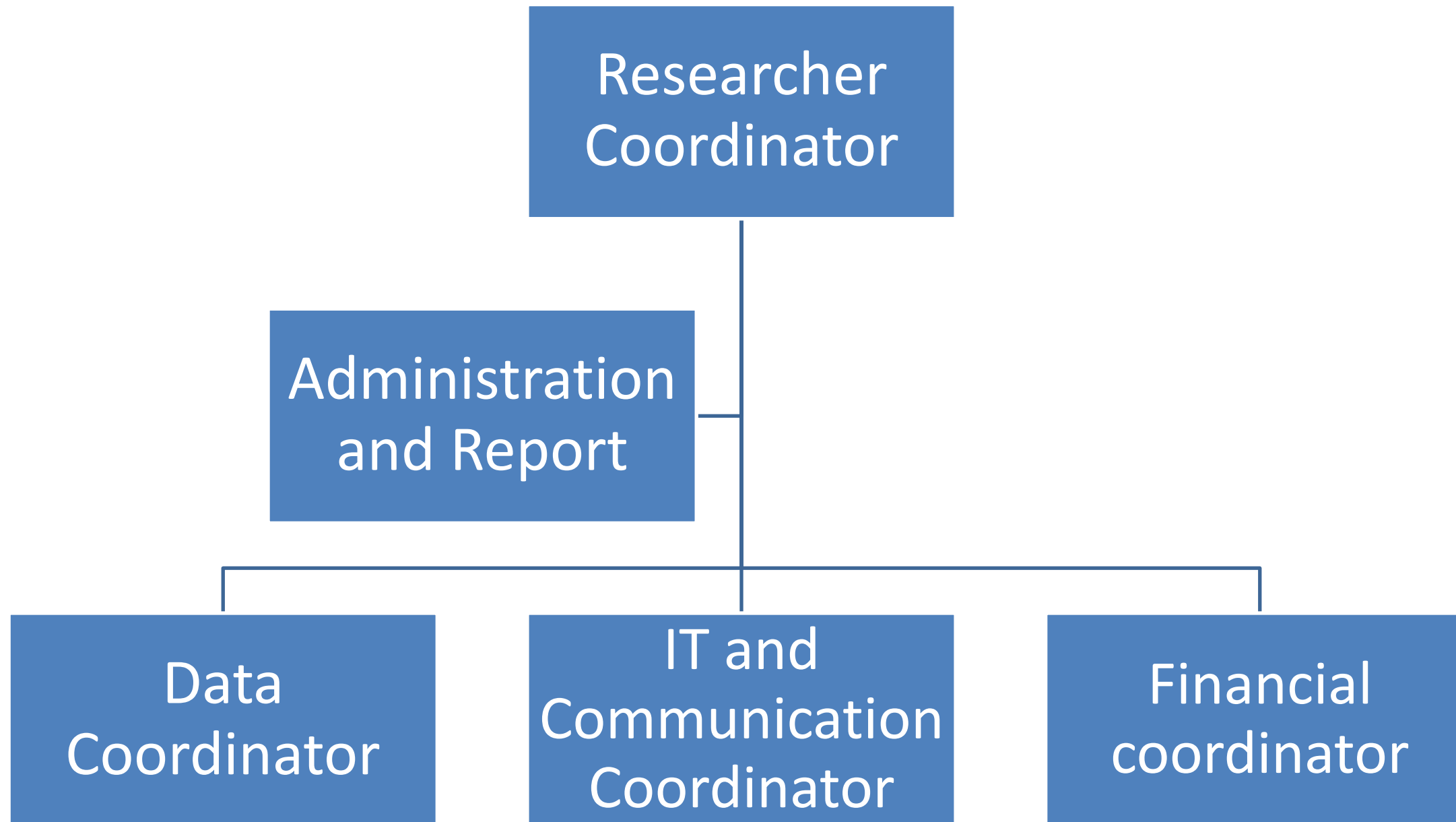
Accessible link:

http://formts.sttpln.ac.id/

Foreword (Advanced)

As the survey going, there were some improvement of Tracer Study Application in order to fix some deficiency on previous survey form.

http://tracerstudy.sttpln.ac.id/

Organizational structure

Organizational structure

Number	Position	Amount	Name
1	Person in Charge	1	Bambang Isti Eddy
2	Chairman	1	Dewi Arianti W
3	Researcher Coordinator	1	Iriansyah BM Sangadji
4	Data Validation Coordinator	1	Sely Karmila
	Member	1	Yessy Fitriani
5	IT and Communication Coordinator	1	Rakhmadi Irfansyah Putra
	Member	2	Ruhiadi Andi Makulau
6	Financial Coordinator	1	Susani
	Member	1	Agus Zaini
7	Administration and Report	2	Dine Tiara Kusuma Hasan Basri
8	Research Assistant	1	Melinda Devi

Scheduling

Nu mver	Activity	May	Jun	Jul	Aug	Sept	Oct	Nov	Des
1	Starting and Preparing Fund, Tools and signing contract.	▓							
2	Data collecting , Survey, Progress Report 1, Financial report [1]	▓	▓						
3	Data collecting , Survey, Progress Report 2, Financial report [2]			▓	▓				
4	Data collecting , Survey, Progress Report 3, Financial report [3]					▓	▓		
5	Report and Seminar Presentation							▓	▓
6	Collecting Report								▓

25 May 2015 to 31 October 2015

Tracing Method

- Phone and Address Tracing of alumnus or their representative, from graduation files.

- Tracing through alumnus contactable friends .

- Tracing through alumnus E-mail address from graduation files.

- Tracing through social networking (Facebook, Twitter, etc.).

- After that :

  – Send a questionnaire (content : online interview)

  – Via Telephone ; Send a message to remind survey participants to fulfill a questionnaire form in the web. Notifying to open the email and send it back after it is done.

  – Via Email : Send an E-mail to notify an alternative to fill the form either it is via online by stating the link of Tracer Study, and send it back after it is done.

  – Conventional Letter.

Troubles

Communication Media

> ➢ **Communication Software did not optimally worked (data redundancies, permanent storage/database, majors classification, etc.)**

> ➢ **The absence of socialization to fill the online questionnaire, in some case multiple explanation was requested,**

> ➢ **A weaknesses in its security, However during the survey there was no threat on software security. It was because the information that was requested by Google application was not specific.**

Troubles (Advanced)

Respondents

- ➢ **Complaints of there are no chances to get to computer / there are no proper internet connection to get the questionnaire done.**
- ➢ **Contact Information has changed or no longer active.**
- ➢ **F*orce Major Reasons.***
- ➢ **Daytime work, the respondents mostly worked on the field, no chances to get to computer, and did not approve to get interviewed through phone**.
- ➢ **Some respondents gave their complaints but did not fulfill the questionnaire.**
- ➢ **Some of the time questionnaire got filled by unwelcome alumnus**
- ➢ **The uncompleted questionnaire.**

Reaching Respondents

Media Internet

➢ **Via Email / Milist dengan mengirim alamat tautan : http://formts.sttpln.ac.id serta pemberitahuan untuk mengisi dan cara mengisi kuisioner.**

➢ **Seruan untuk mengisi via Medsos ; Facebook, Twitter, Group Whatsapp, Path, dan Group BBM.**

➢ **Tim melakukan fungsi monitoring perkembangan pengisian dan menelepon balik jika diperlukan kejelasan untuk validasi informasi.**
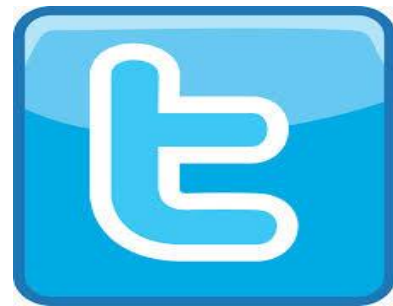
Reaching Respondents

Example :

Reaching Respondents

- **Alumnus Networking**
  - ✓ **Students Organizations.**
  - ✓ **Students Executive Association.**
  - ✓ **Major Associations.**
  - ✓ **Regional organizations.**
- **Personal Networking**
- **Institution that has a strong relation with STT PLN ; PT PLN (persero) and the affiliated subsidiary.**

Response Rate

Response Rate	Amount	Percentage
Amount of Target Population (a)	558	100 %
Amount of non-contacted Population (b)	106	19 %
Subject Target (c=a-b)	452	81 %
Amount of Respondent (d)	389	70 %
Gross Response Rate {e=(d/a)*100}	0.70	70 %
Net Response Rate {f=(d/c)*100}	0.86	86 %
Completion Rate {subject that completed the questionnaire from total repondents (d)}	389	70 %

Amount of Respondents

NO	Majority	2013 Graduation		
		Complete	Target	Percentage
1	S1 ELEKTRO	119	201	59%
2	S1 MESIN	23	27	85%
3	S1 SIPIL	23	31	74%
4	S1 INFORMATIKA	156	206	76%
5	D3 ELEKTRO	65	86	76%
6	D3 MESIN	3	7	43%
	TOTAL	389	558	70%

Delayed Time Work

The Median points before graduate in 1 month

The Median points after graduate in 3 months

How long is required (after and before graduate) to obtain the first employment?

Month (Median)

3,5	
3	3
2,5	
2	
1,5	
1	1
0,5	
0	

BEFORE GRADUATE (MONTH)   AFTER GRADUATE (MONTH)
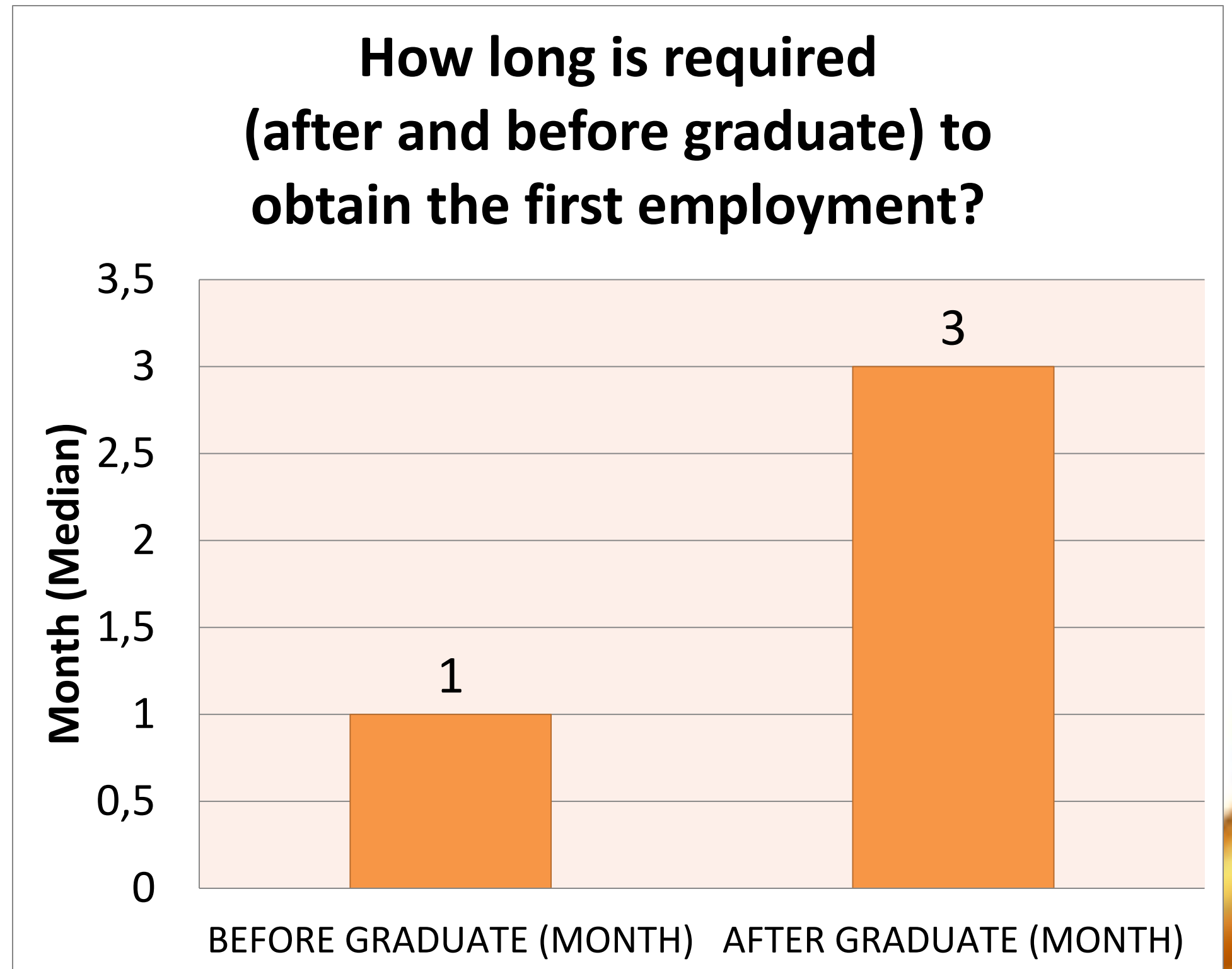
Tracer Study Result
Sekolah Tinggi Teknik PLN

2013 Graduation

Seeking for Employment

When you start seeking for employment?
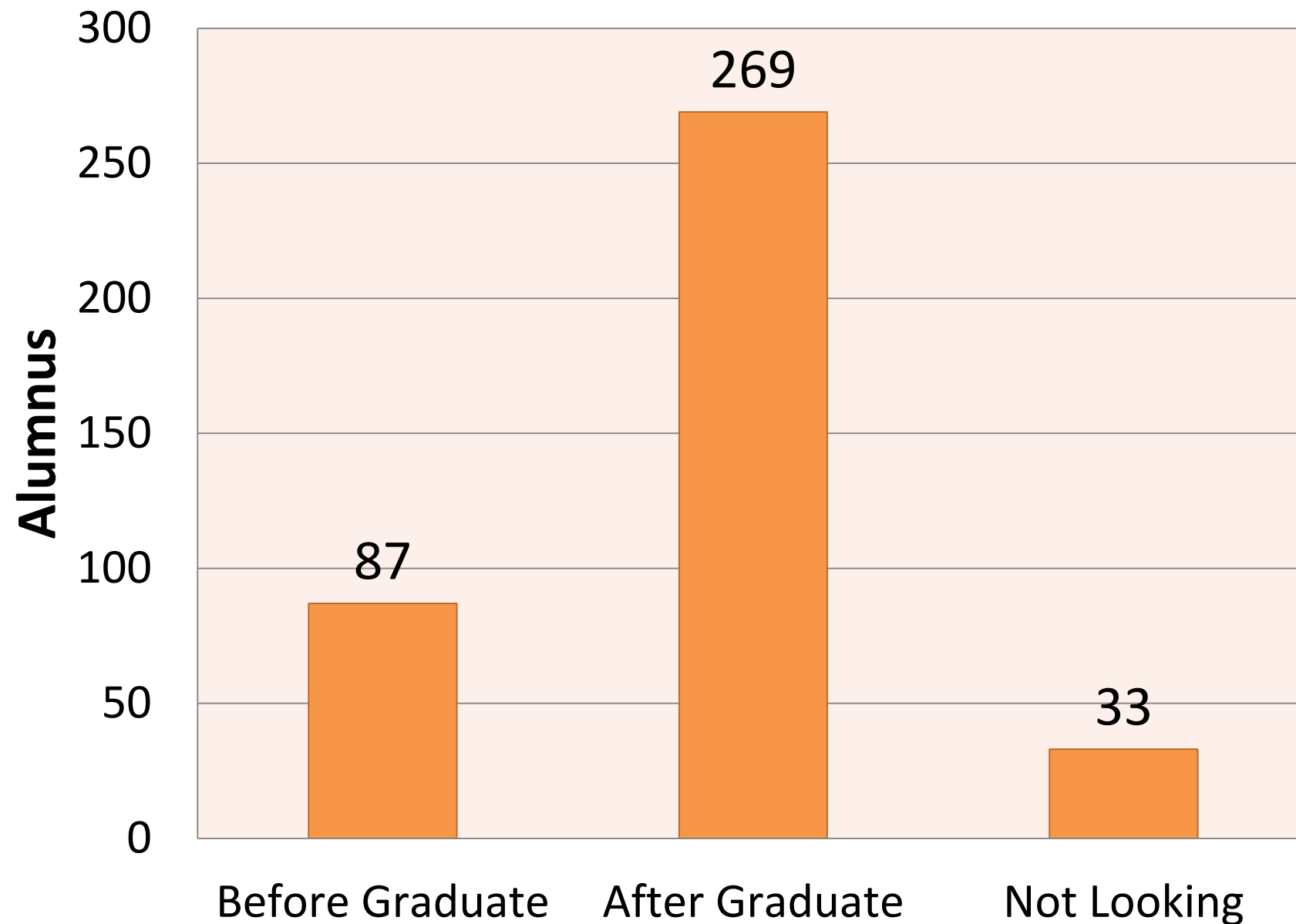
No	When you start seeking for employment?	Total	%	Median
1.	After Graduate	269	69%	3
2.	Before Graduate	87	22%	1
3.	Not Looking	33	8%	-

How Do You Find the Employment?

How Do You Find the Employment?
Multiple answer applies
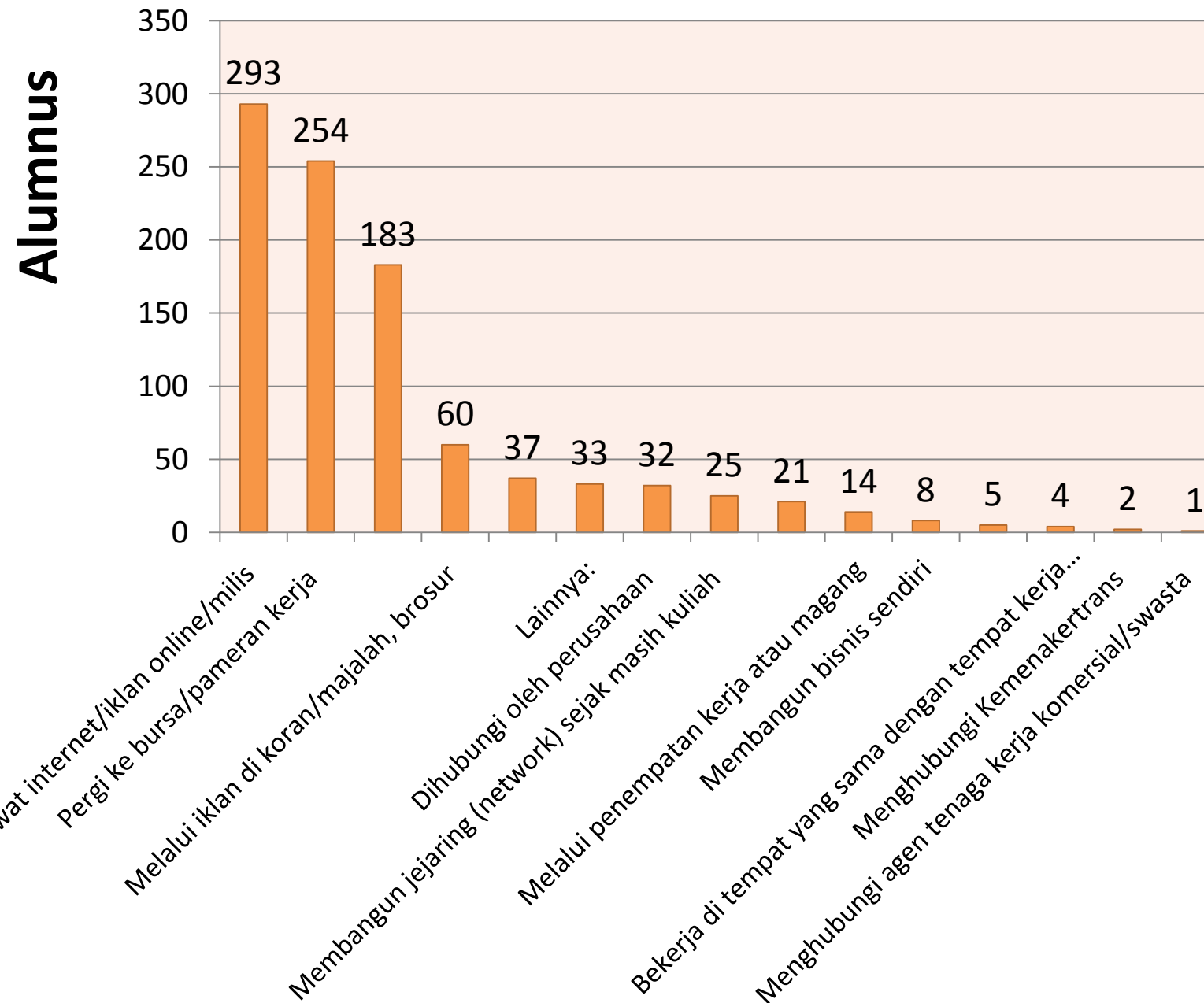
No	How Do You Find the Employment?	Total
1	Internet/Online Ads/ Millis	293
2	Job Fair/ Career Expo	254
3	By relation (example :lecturer, parent, siblings, friends, etc.)	183
4	Newspaper/magazine, brochure ads	60

Proposed & Responded Company
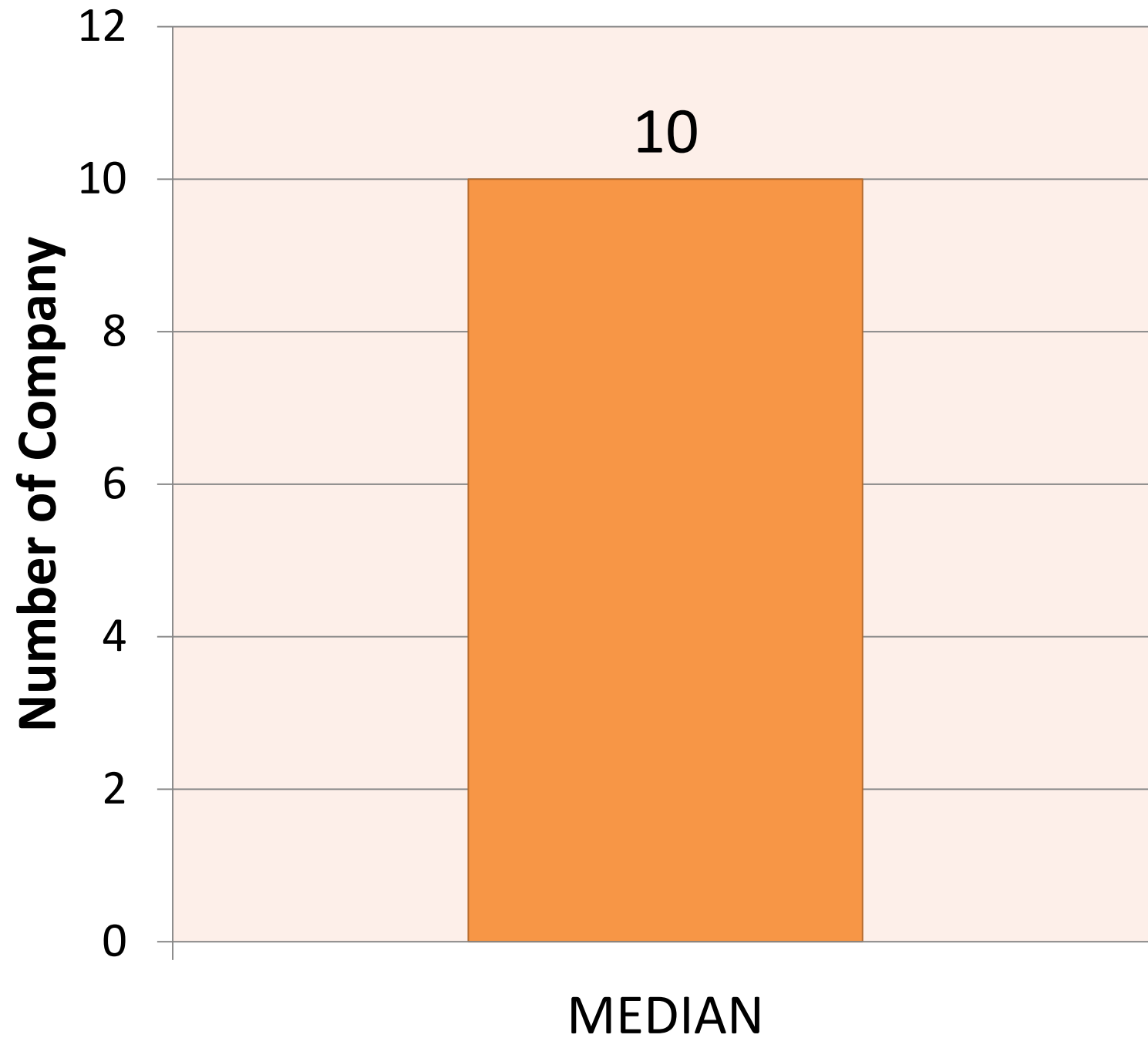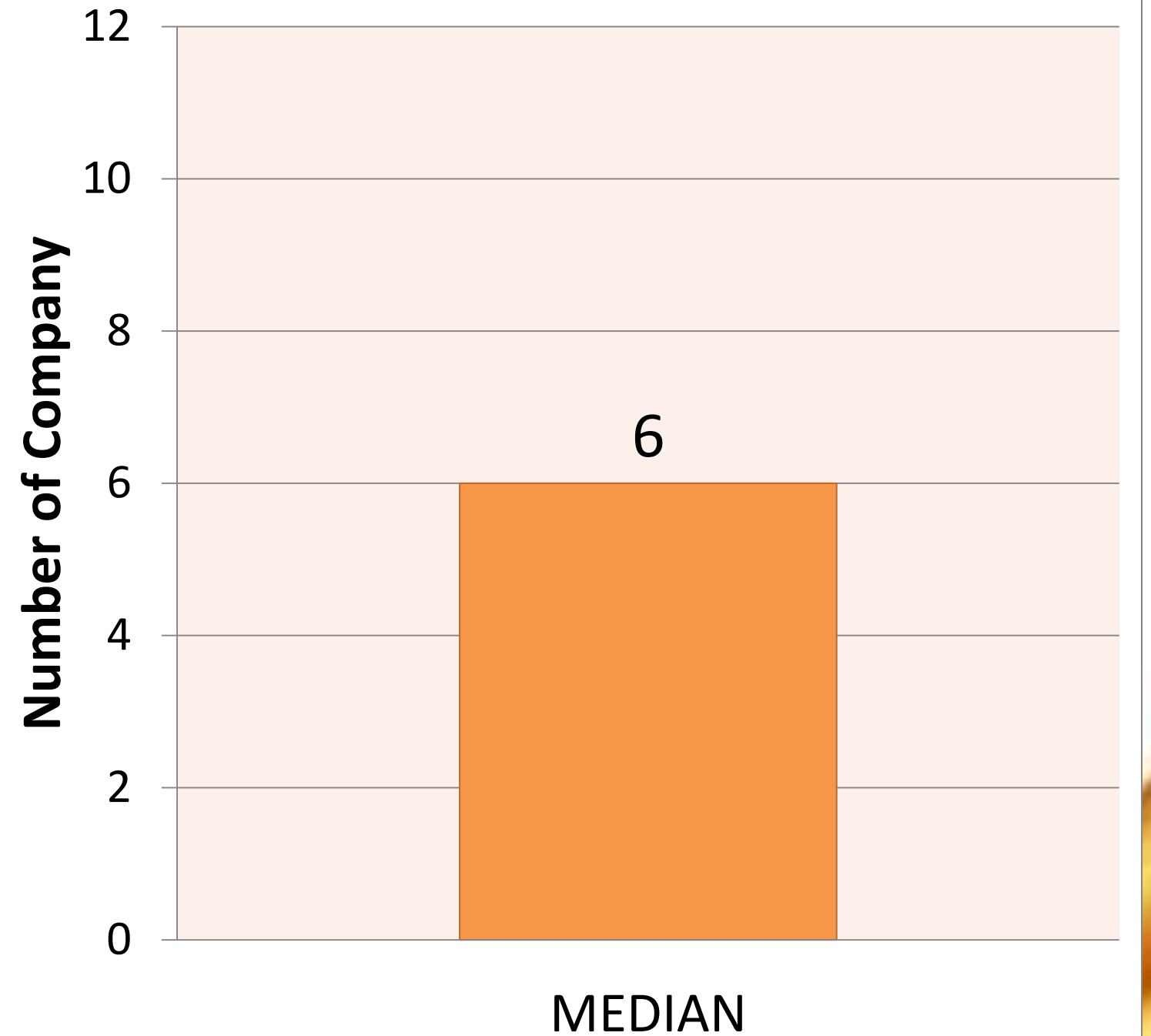
Are You Working this time?

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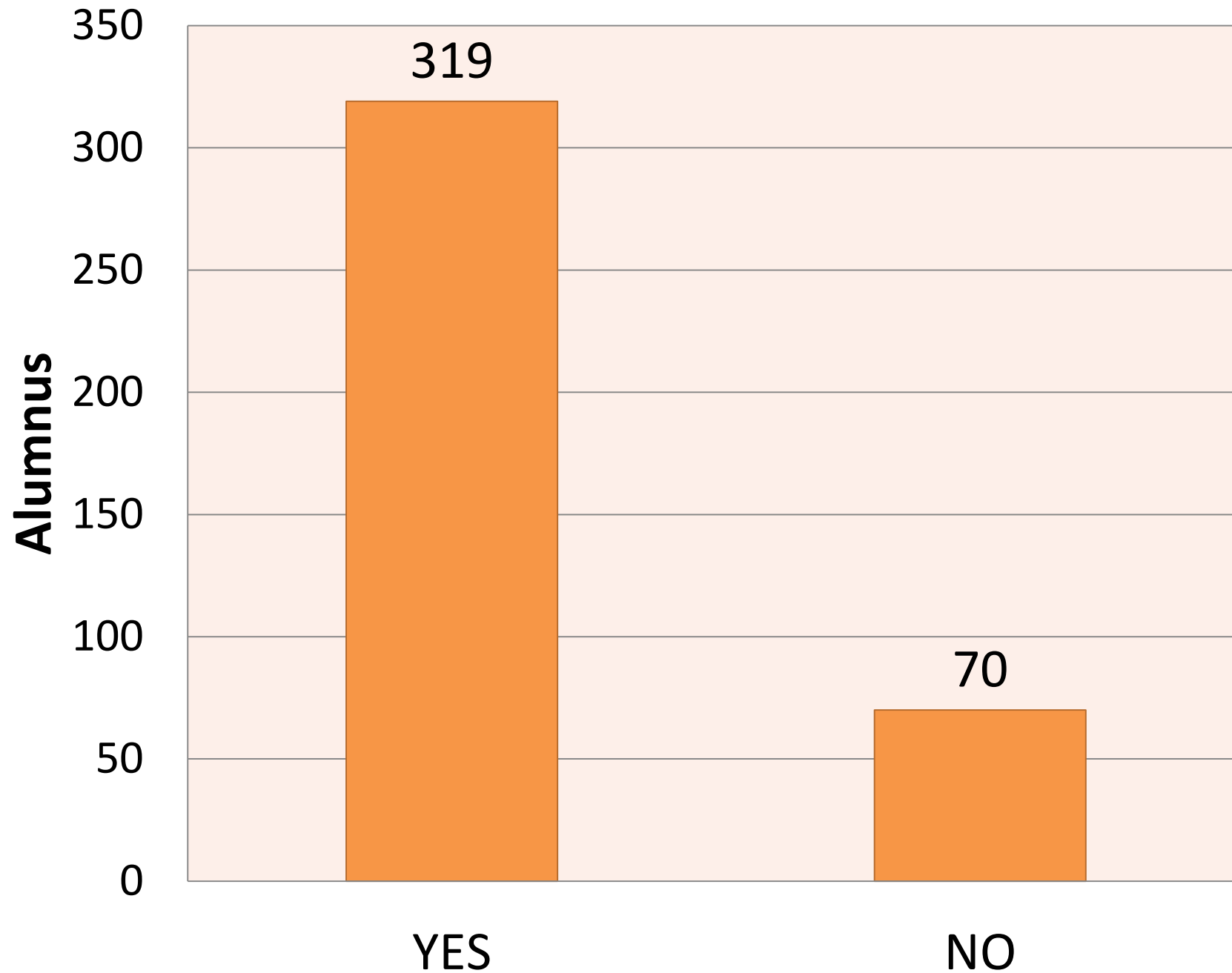
No	Are You Working this time?	Total	%
1	YES	319	82%
2	NO	70	18%
Total		389	100%

The Condition of Not Working Alumnus

How you describe your condition now?
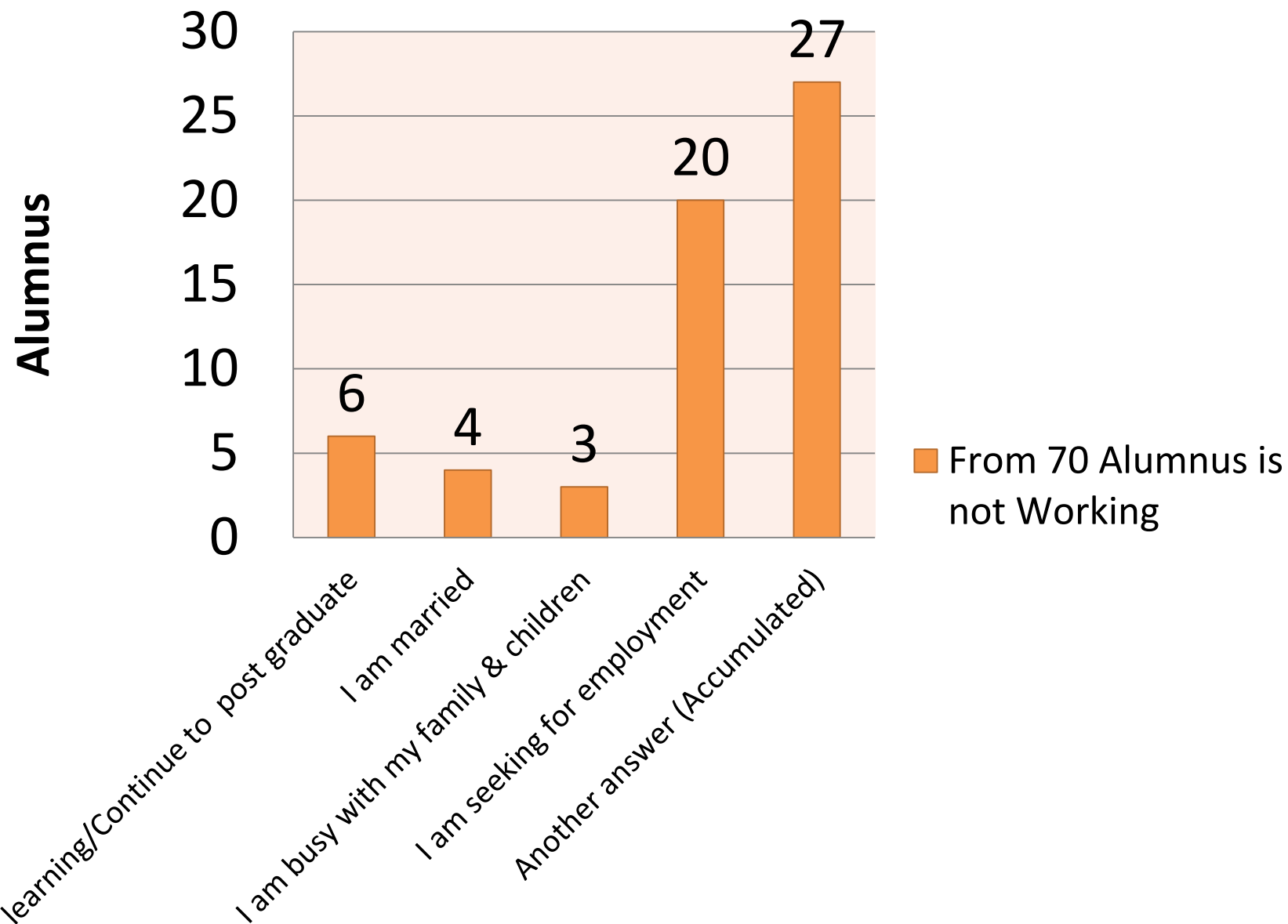
NO	How you describe your condition now?	Not Working	%
1.	Still learning/Continue to post graduate	6	10%
2.	I am married	4	7%
3.	I am busy with my family & children	3	5%
4.	I am seeking for employment	20	33%
5.	Another answer (Accumulated)	27	45%

Workless Alumnus' Seeking for Employment

Are you actively seeking for employment in last 4 weeks?
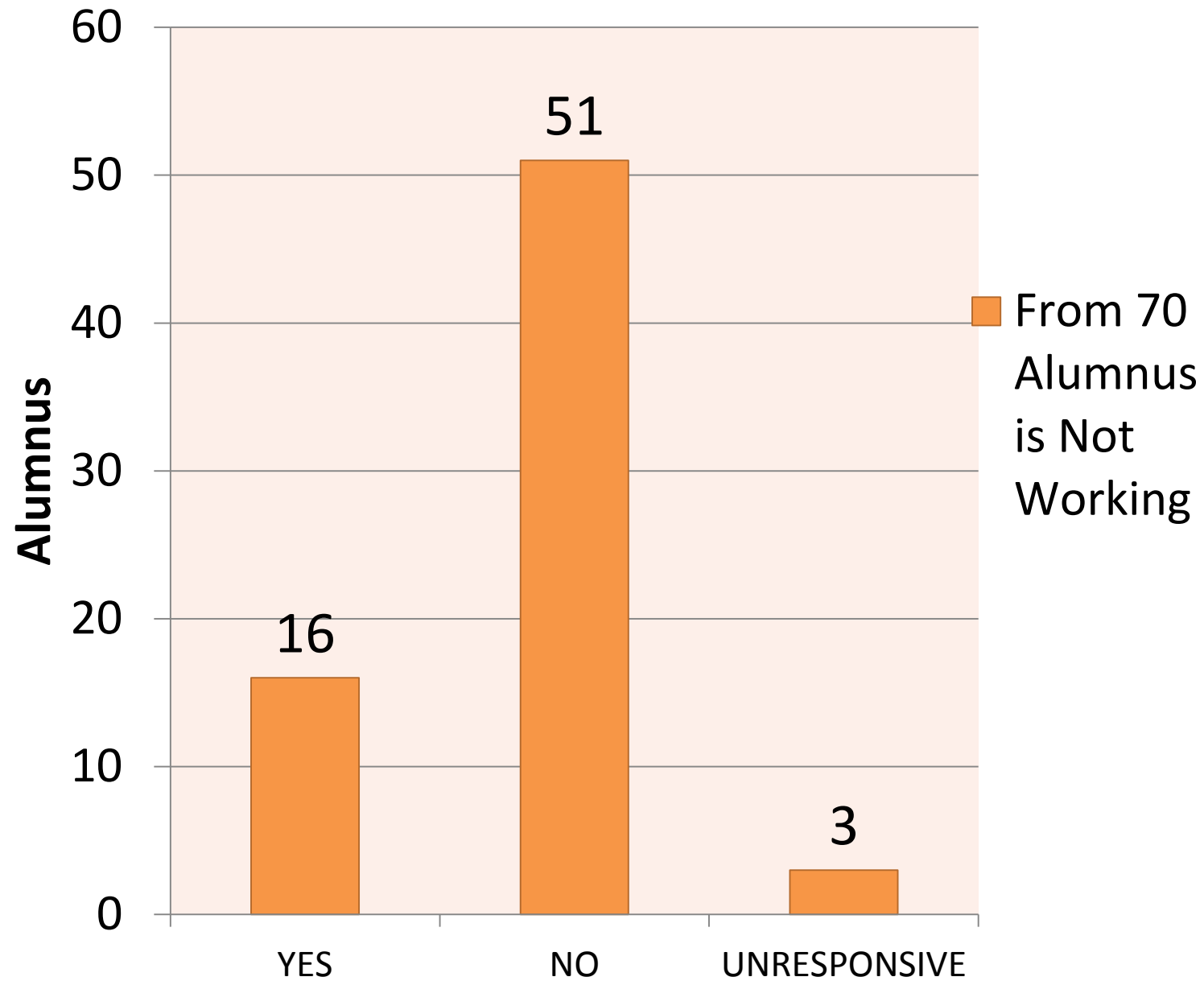
No	Are you actively seeking for employment in last 4 weeks?	Total	%
1.	YES	16	23%
2.	NO	51	73%
3.	UNRESPONSIVE	3	4%
	Total	70	

Workplace

What kind of company/ instance/ institution which you work now?
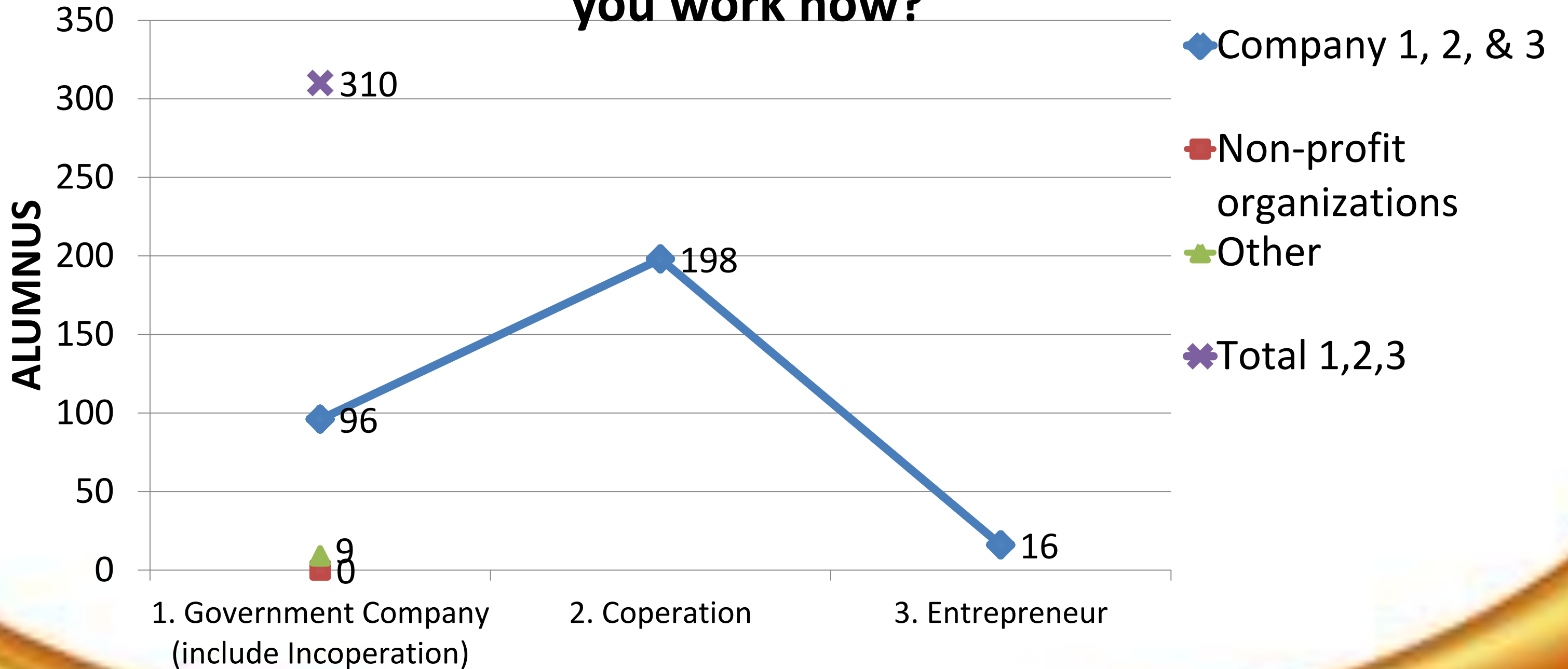
Alumnus' Income
Total 317 graduates

Rp12.000.000,00

Rp10.000.000,00   Rp10.000.000,00

◆ Median

Rp8.000.000,00

Rp6.000.000,00   ■ MAX

  MIN

Rp4.000.000,00   ◆ Rp4.500.000,00

Rp2.000.000,00

Rp-   Rp400.000,00

Median

Relation of The Main Study with Profession

How close the relation between your main study with profession?

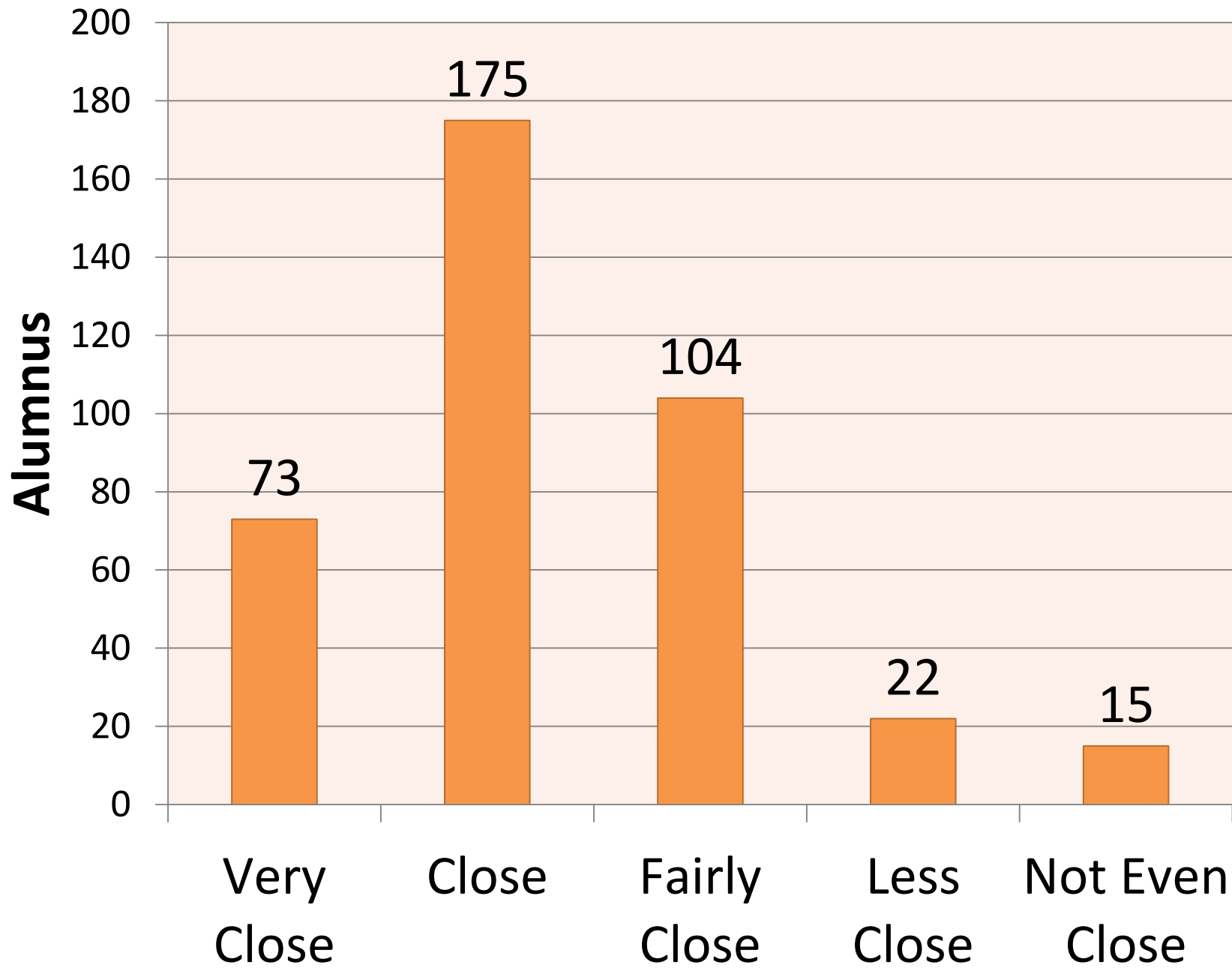| No	How close the relation between your main study with profession?	Total	%
1	Very Close	73	19%
2	Close	175	45%
3	Fairly Close	104	27%
4	Less Close	22	6%
5	Not Even Close	15	4%
	Total	389	100%

The Suitable Education Grade for Current Employment

What is the suitable education grade for your current employment?
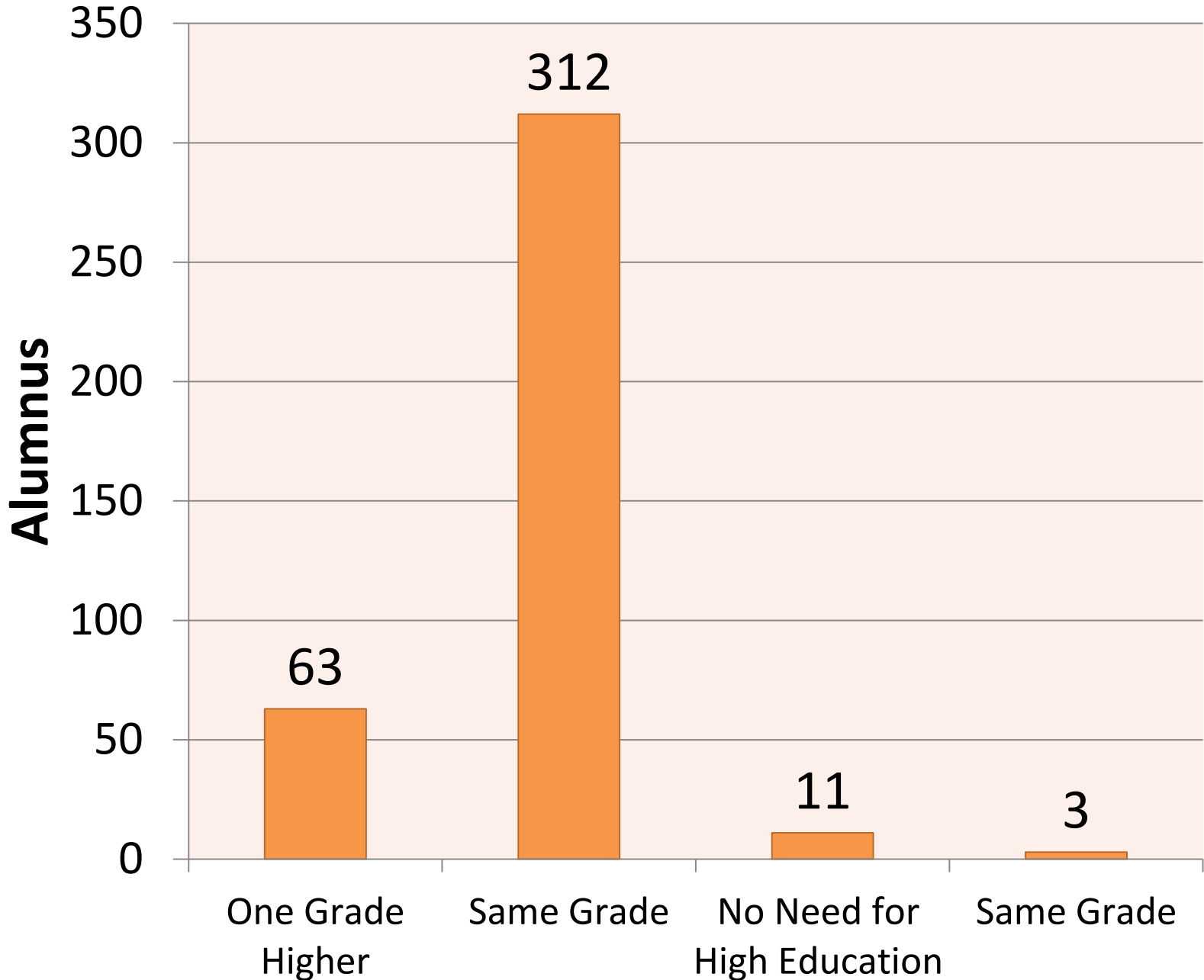
No	What is the suitable education grade for your current employment?	Total	%
1	One Grade Higher	19	4%
2	Same Grade	227	47%
3	No Need for High Education	6	1%
4	Same Grade	227	47%
Total		**479**	

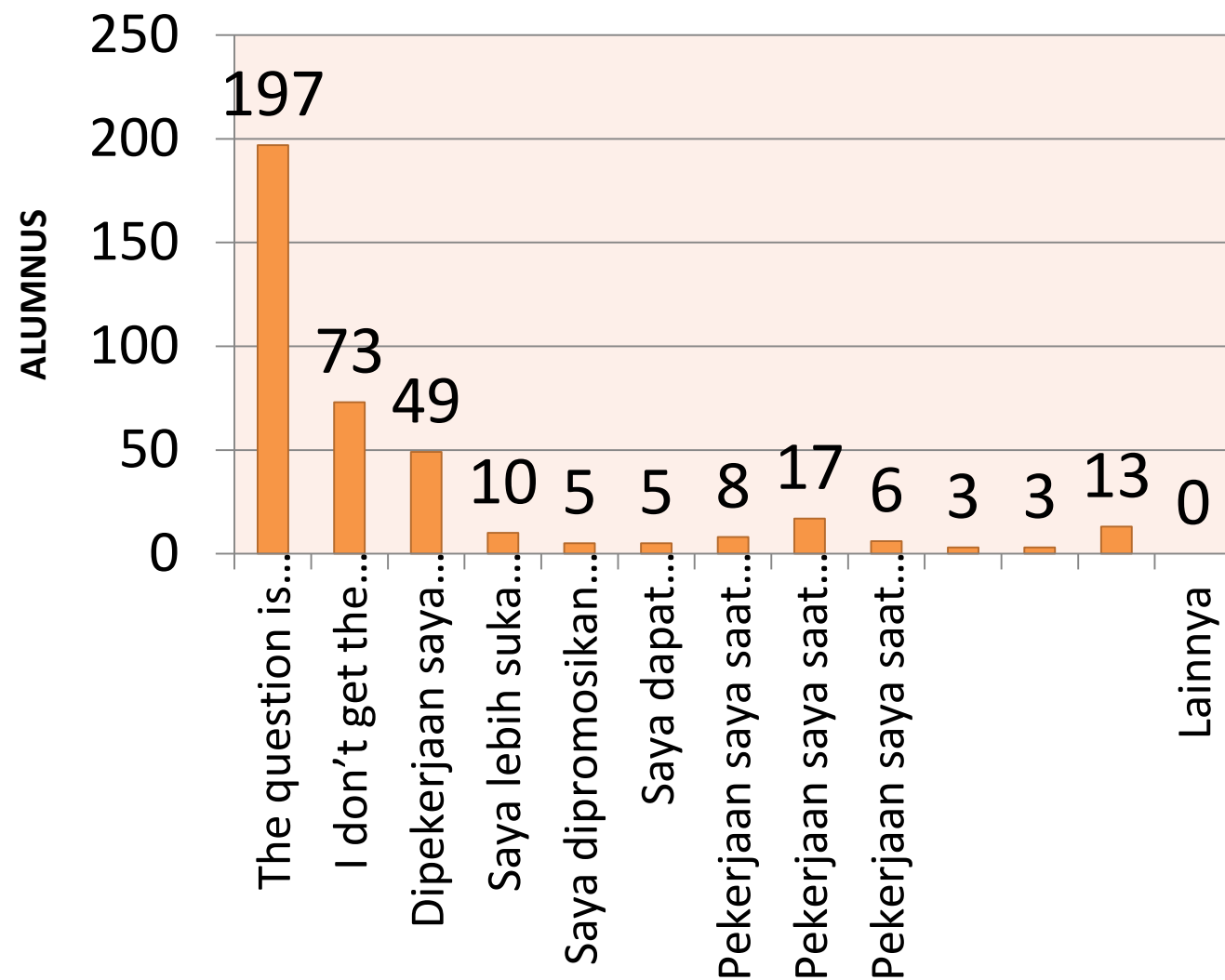# If you think that your current employment is not suitable with your main study, why you take it?

If you think that your current employment is not suitable with your main study, why you take it?

No	If you think that your current employment is not suitable with your main study, why you take it?	Total
1	The question is irrelevant. Now, I get the suitable employment with my main study.	197
2	I don't get the suitable employment	73
3	I can achieve the better career prospect here	49

GAP of COMPETENCY

Self Competence & College Contribution

Average Competency

- 3,85
- 3,80
- 3,75
- 3,70
- 3,65
- 3,60
- 3,55
- 3,50
- 3,45
- 3,40

3,79 — Self Competence (A)

3,55 — College Contribution (B)
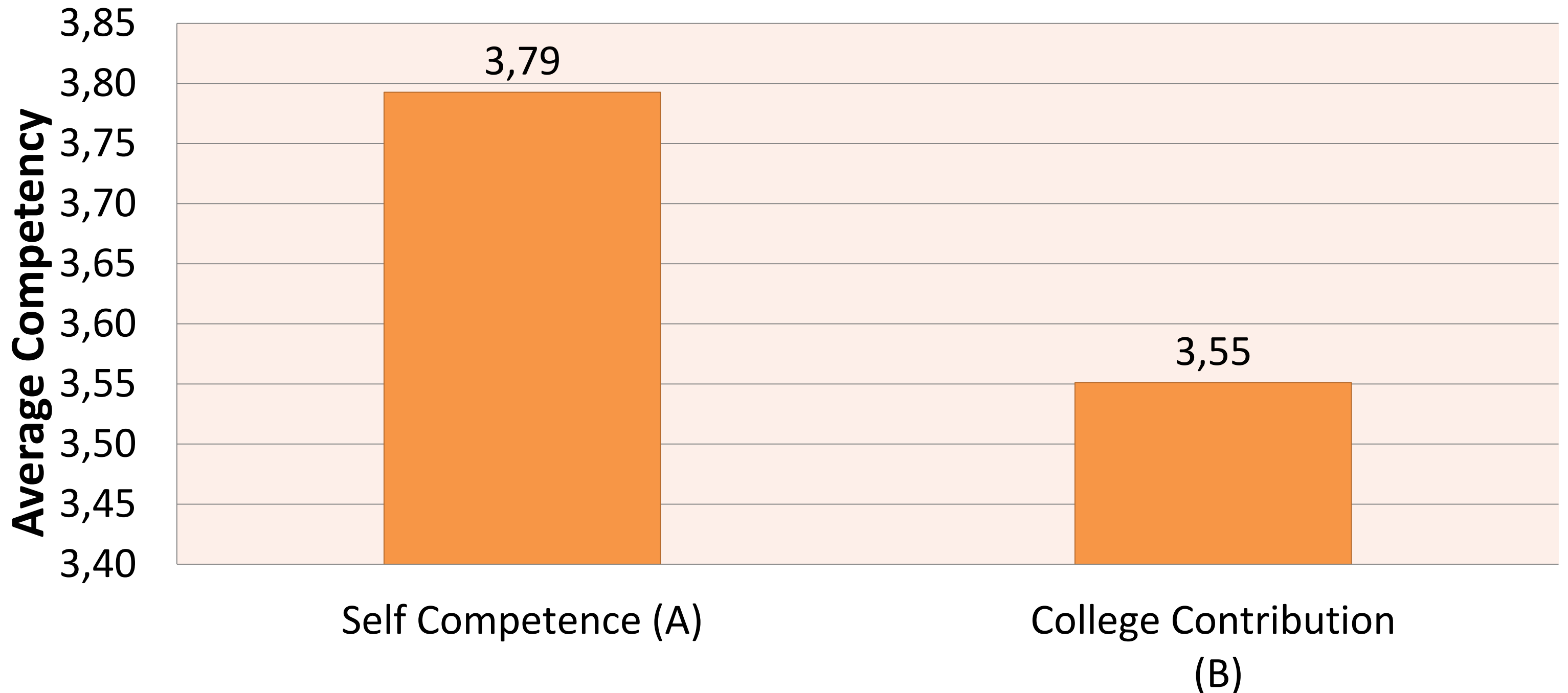
SUMMARY

➢ **Based on 2013 graduation which has 558 alumnus, there are 389 respondents who respond the questioner or at least 70% of the total targets.**

➢ **The delayed time works of respondents to obtain the first employment are: 3 months after graduate & 1 month before graduate.**

➢ **Respondent's income who already work is about IDR 4.500.000/ month**

➢ The result of Self Competence and Collage Contribution which respondents given is in above the average value. So, both factors strengthen each other and really help respondents to obtain the employment in the future.