



**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)

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/>

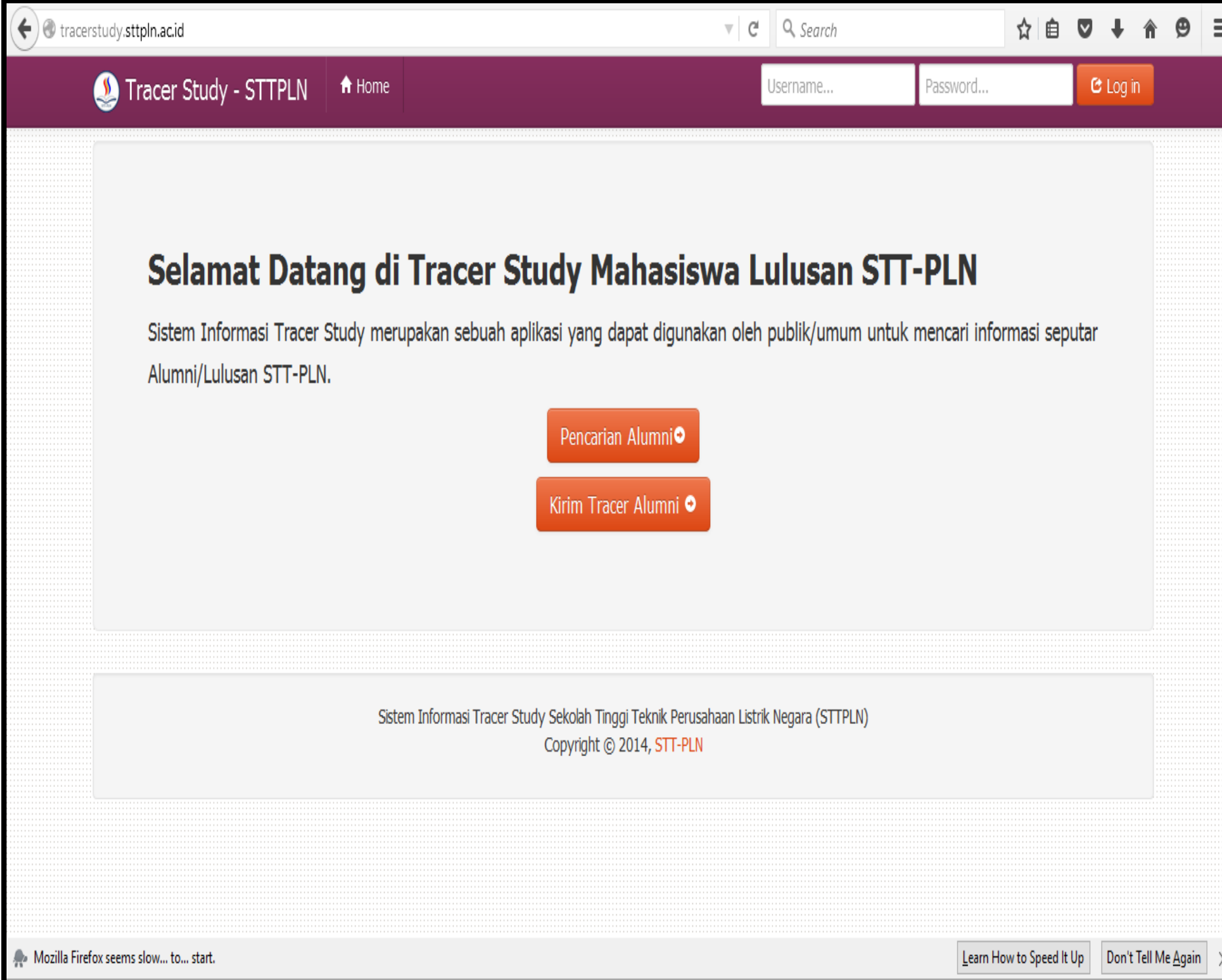
The image shows a screenshot of a web-based form titled "Tracer Study STT-PLN". The form is divided into several sections:

- Data Diri Alumni:** Includes fields for Email, NIM (with example 198831001), Nama, No. Telp (with note "Nomor telp yang aktif"), Jenis Kelamin (radio buttons for Pria and Wanita), and Alamat Sekarang.
- Tracer Study:** Includes fields for Pelacakan data Alumni (Elektro, D3 Mesin), Tahun Masuk STT-PLN (with example tgl/bln/tahun), Tahun Lulus dari STT-PLN (with example tgl/bln/tahun), and Lulus Tepat Waktu (radio buttons for Ya and Tidak).
- Kapan anda mulai bekerja?** (F3) with radio buttons for Sebelum Lulus, Sesudah Lulus, and Saya tidak menemukannya.
- Bagaimana anda mencari pekerjaan?** (F4) with checkboxes for Melalui iklan di media, Melamar ke perusahaan, Pergi ke bursa/pekerjaan, Mencari lewat internet, Dihubungi oleh teman, Menghubungi keluarga, and Menghubungi agensi.
- Berapa bulan waktu yang dihabiskan sebelum lulus untuk memperoleh pekerjaan pertama?** (F5A) and **setelah lulus untuk memperoleh pekerjaan pertama?** (F5B) (both with example "1 Bulan").
- Berapa perusahaan/instansi/institusi yang sudah anda lamar (lewat surat atau e-mail) sebelum anda memperoleh pekerjaan pertama?** (F6) and **Berapa banyak perusahaan/instansi/institusi yang merespons lamaran anda?** (F7).
- Apakah anda bekerja saat ini (termasuk kerja sambilan dan wirausaha)?** (F8) with radio buttons for Ya (Jika ya, lanjutkan ke F11) and Tidak.
- Bagaimana anda menggambarkan situasi anda saat ini?** (F9) with checkboxes for: Saya masih belajar/melanjutkan kuliah profesi atau pascasarjana F9-01, Saya menikah F9-02, Saya sibuk dengan keluarga dan anak-anak F9-03, Saya sekarang sedang mencari pekerjaan F9-04, and Yang lain: (with a text input field).
- Apakah anda aktif mencari pekerjaan dalam 4 minggu terakhir? Pilihlah Satu Jawaban.** (F10) with radio buttons for: Tidak, Tidak, tapi saya sedang menunggu hasil lamaran kerja, Ya, saya akan mulai bekerja dalam 2 minggu ke depan, and Ya, tapi saya belum pasti akan bekerja dalam 2 minggu ke depan.

Foreword (Advanced)

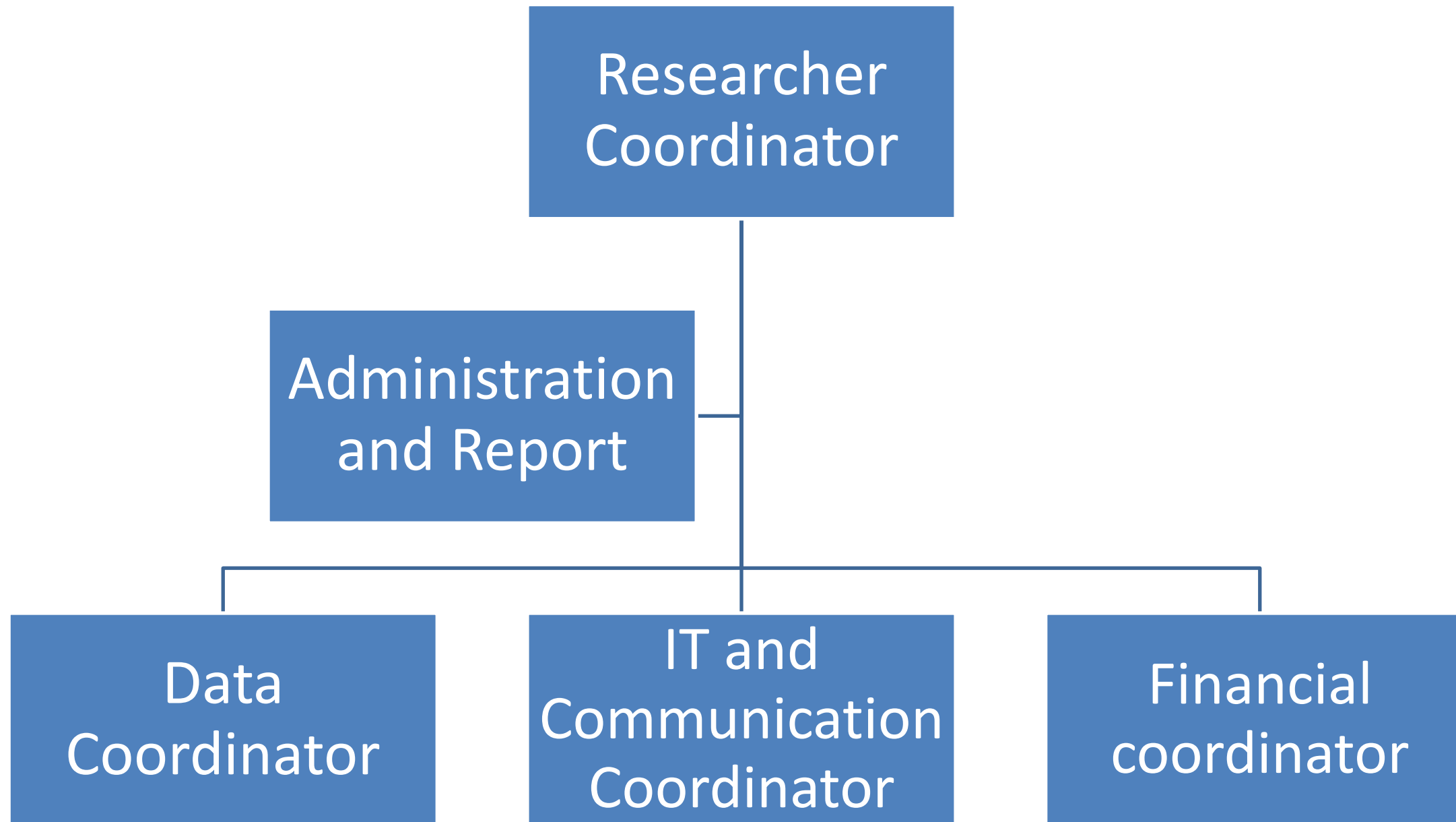
As the survey going, there were some improvement of Tracer Study Application in order to fix some deficiency on previous survey form.

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



The screenshot shows the homepage of the Tracer Study - STTPLN website. The browser address bar displays "tracerstudy.sttpln.ac.id". The website header includes the logo, "Tracer Study - STTPLN", a "Home" link, and login fields for "Username..." and "Password..." with a "Log in" button. The main content area features a large heading: "Selamat Datang di Tracer Study Mahasiswa Lulusan STT-PLN". Below this, a paragraph states: "Sistem Informasi Tracer Study merupakan sebuah aplikasi yang dapat digunakan oleh publik/umum untuk mencari informasi seputar Alumni/Lulusan STT-PLN." Two orange buttons are visible: "Pencarian Alumni" and "Kirim Tracer Alumni". At the bottom, a footer box contains the text: "Sistem Informasi Tracer Study Sekolah Tinggi Teknik Perusahaan Listrik Negara (STTPLN) Copyright © 2014, STT-PLN". The browser's status bar at the bottom shows a warning: "Mozilla Firefox seems slow... to... start." and two buttons: "Learn How to Speed It Up" and "Don't Tell Me Again".

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

Number	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)

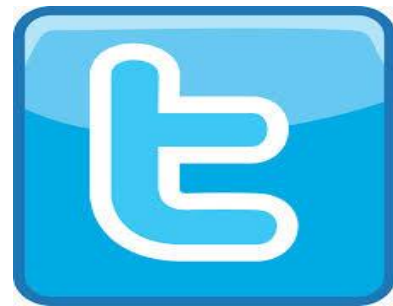
Respondents

- **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.**
- ***Force 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 kuisisioner.
- 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

Posts

Andi Makkulau
Jun 29 at 1:28 PM Edited

Kepada Seluruh alumni STT-PLN
Study STT-PLN,

Tracer study adalah penelitian m...
pencarian kerja, situasi kerja, dan...
kuliah di STT-PLN.
Studi pelacakan jejak alumni me...
sistematis, institusional, dan teru...
Studi pelacakan ini juga akan me...
tetap terjaga, dan merupakan sya...
sejauh mana kompetensi dan jug...
meningkatkan mutu dari lulusan...
Bila sudah di launching mohon k...
meningkatkan kualitas dan silatu...
Kalau bukan kita.. siapa lagi..
Terima kasih..
Best Regards,
Ketua Komite Tracer Study

Andi Makkulau
Beserta Tim Tracer Study STT-PLN

Like

25 people like this.

Muhammad Erwang
Bukannya taun taun kema...
ada mekanisme migrasi d...
Jun 29 at 1:31 PM · Like ·

Andi Makkulau
Sebagian sudah, namun j...
update data. Tahun ini yg...
sebelum dan sesudahnya...
dapat tercatat keberadaan...
Jun 29 at 1:33 PM · Like ·

Sambodho Sumani
Untuk statistic dan penila...
Jun 29 at 1:36 PM · Like ·

Andi Makkulau

Write a comment...

Tracer Study STT-PLN

perguruan tinggi.

STT-PLN berkomitmen untuk memperbaiki kualitas pembel...
menerus melalui perbaikan kurikulum, peningkatan kualitas...
penyesuaian dan peningkatan sistem pembelajaran dengan...
informasi yang diperoleh dari alumni melalui tracer study se...
kesenjangan antara lulusan dan kebutuhan pengguna lulusa...

SILAHKAN KLIK DISINI UNTUK MENGGISI TRACER STUDY:
https://docs.google.com/spreadsheet/viewform?usp=drive_web&formkey=dFVfczRfeTFqQWprcjR0

Lupa Nim? Klik disini
<https://forlap.dikti.go.id/>
(klik profil mhs, ketik Sekolah Tinggi Teknik PLN, ketik nama...)

Terima kasih atas perhatiannya, mohon kerjasamanya.
mohon di share ke teman2 anda.

Best Regards,
Atas nama Tim Tracer Study
Ir. Andi Makkulau, M.IKom, IPP
Ketua Komite Tracer Study STT-PLN

Tracer Study STT-PLN
docs.google.com

Like Comment

Fresky Agung and 16 others like this.

Syam Cinta Eka
banyak sekali ya kak isinya
Aug 5 at 10:51 PM · Like

Andi Makkulau
Iya.. itu sudah standar baku dari dikti
Aug 5 at 11:04 PM · Like

Parl Panjaitan
Sudah di buat.
Aug 6 at 5:30 PM · Like

Write a comment...

Tracer Study STT-PLN

Andi Makkulau
Aug 4 at 11:55 PM

Penting! Dear Alumni STT-PLN,
Kami akan memulai Tracer Study kembali untuk Tahun ini, bagi rekan rekan Alumni yang sudah pernah diambil/mengisi datanya dalam Tracer Study sebelumnya, kami ucapkan terima kasih.

Dalam Tracer Study Tahun ini kami mewajibkan bagi anda yang di Wisuda Tanggal 24 November 2012 dan 27 April 2013, dan Tracer Study tahun ini terselenggara berkat keberhasilan STT-PLN mendapatkan Hibah Tracer Study dari Dikti Tahun 2014.

Kemudian, untuk memutakhirkan data Alumni, kami memohon bantuan kepada seluruh Alumni dari Wisuda pertama bulan Desember 2002 hingga 27 April 2013 untuk dapat saling memberikan informasi dan mengisi data tracer study tersebut. Untuk Alumni setelah April 2013, anda akan kami data tahun depan, karena Tracer Study ini melaporkan lulusan 2 tahun setelah wisuda.

Tracer Study merupakan media efektif yang digunakan untuk melacak jejak keberadaan dan kondisi alumni. Tracer study memiliki peran yang sangat penting dalam menjangkau informasi dari alumni sebagai bahan evaluasi dan pengembangan perguruan tinggi.

STT-PLN berkomitmen untuk memperbaiki kualitas pembelajaran secara terus menerus melalui perbaikan kurikulum, peningkatan kualitas pengajar, serta penyesuaian dan peningkatan sistem pembelajaran dengan berbekal berbagai informasi yang diperoleh dari alumni melalui tracer study sehingga dapat mengatasi kesenjangan antara lulusan dan kebutuhan pengguna lulusan.

SILAHKAN KLIK DISINI UNTUK MENGGISI TRACER STUDY:
https://docs.google.com/spreadsheet/viewform?usp=drive_web&formkey=dFVfczRfeTFqQWprcjRab2piYUZCUEE6MQ#gid=0

Lupa Nim? Klik disini
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(klik profil mhs, ketik Sekolah Tinggi Teknik PLN, ketik nama anda)

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mohon di share ke teman2 anda.

Best Regards,
Atas nama Tim Tracer Study
Ir. Andi Makkulau, M.IKom, IPP
Ketua Komite Tracer Study STT-PLN

Write a comment...

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 %

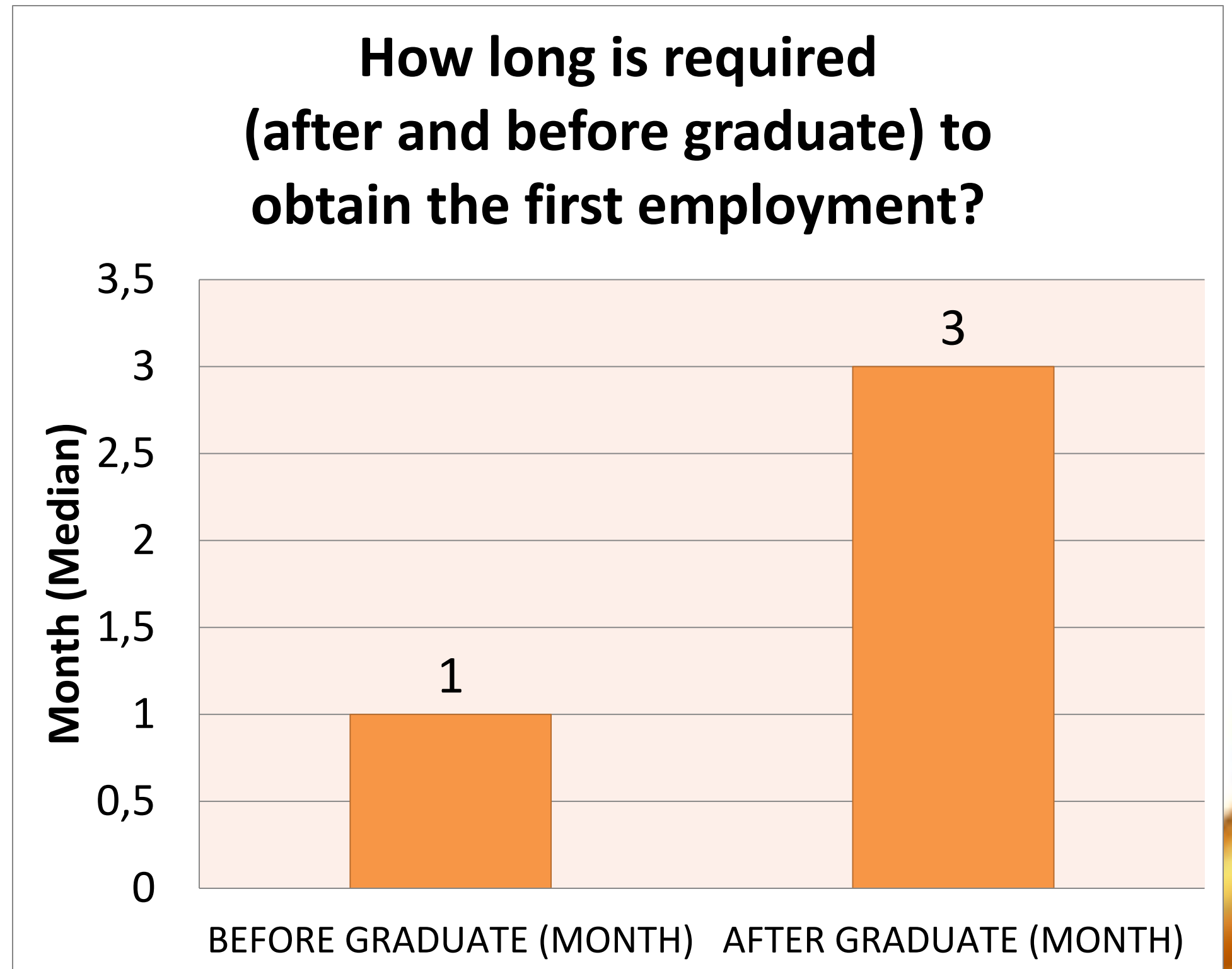
Amount of Respondents

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





SEKOLAH TINGGI TEKNIK - PLN
JAKARTA

Tracer Study Result

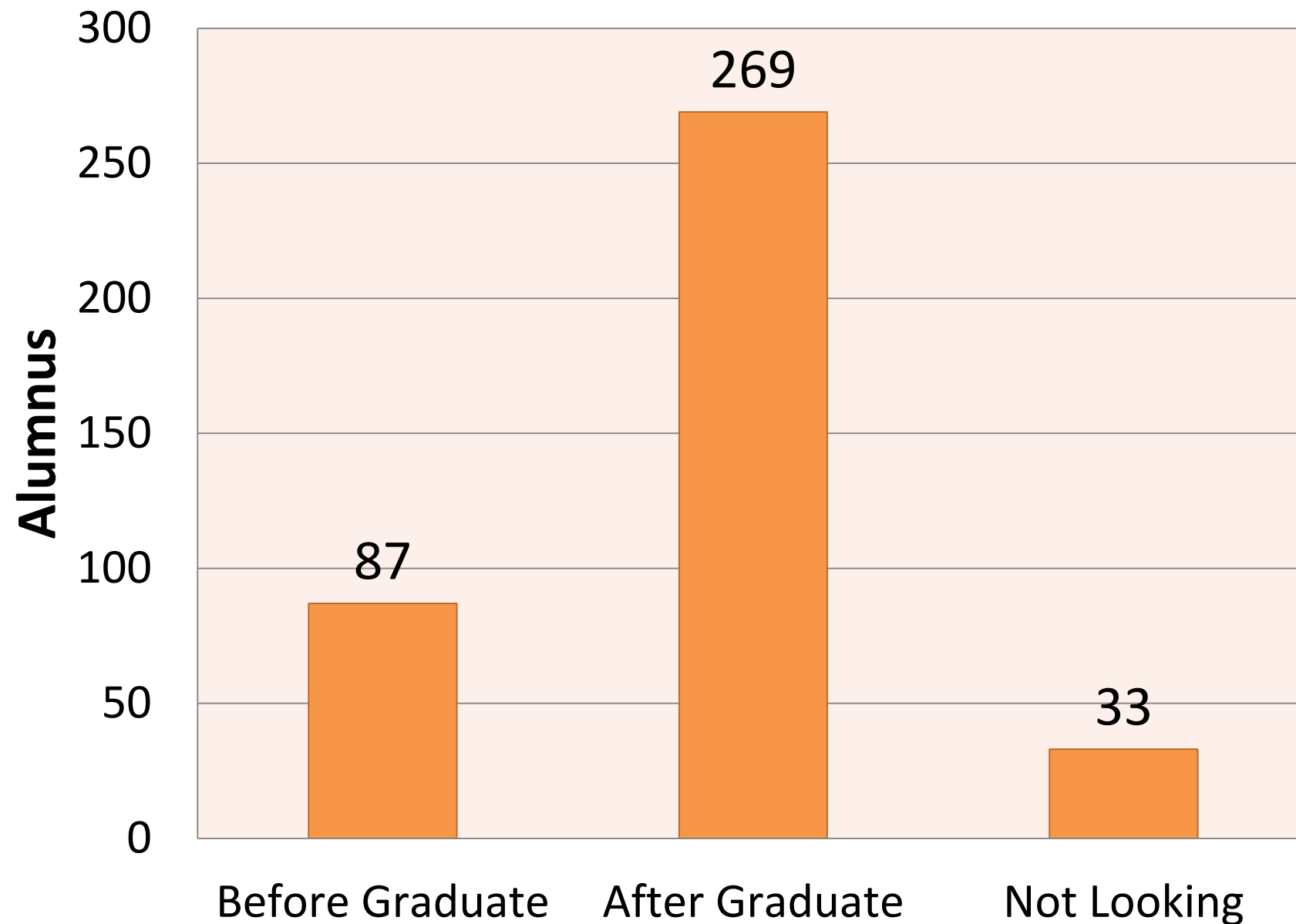
Sekolah Tinggi Teknik PLN

2013 Graduation



Seeking for Employment

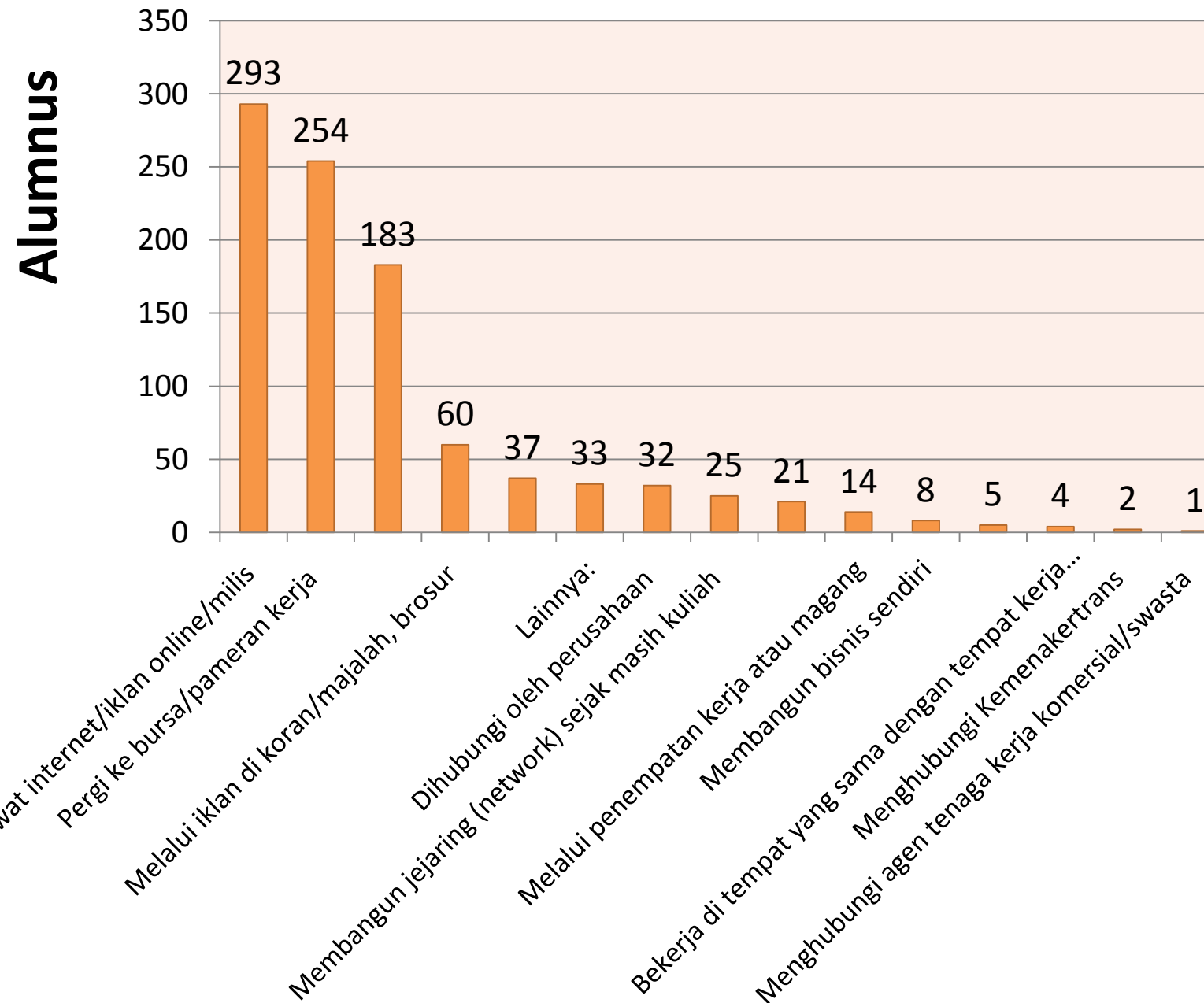
When you start seeking for employment?



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?

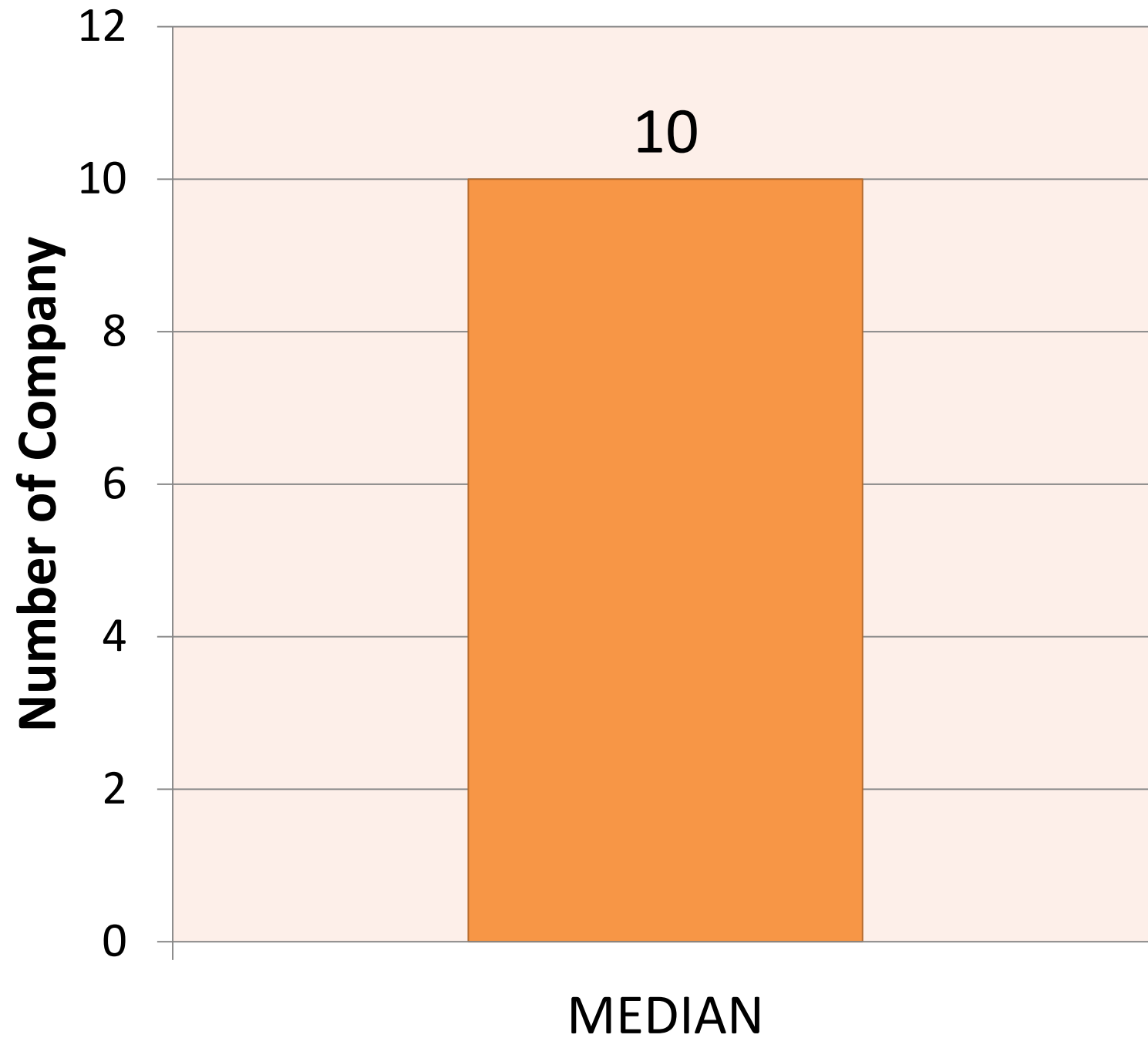
How Do You Find the Employment?
Multiple answer applies



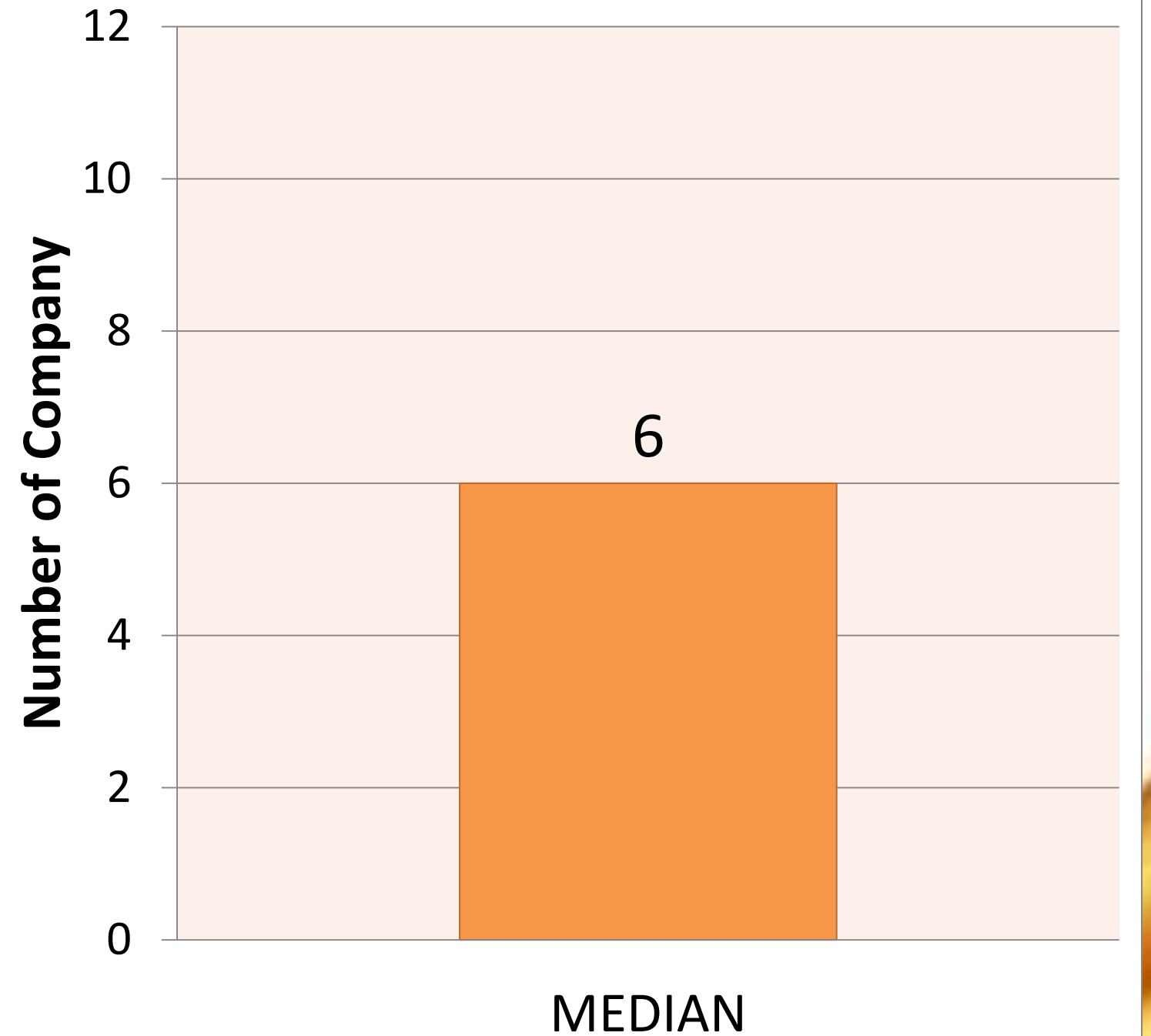
No	How Do You Find the Employment?	Total
1	Internet/Online Ads/ Millis	293
2	Job Fair/ Career Expo	254
3	By relation (example :lecturer, parent, siblings, friends, etc.)	183
4	Newspaper/magazine, brochure ads	60

Proposed & Responded Company

Proposed Company

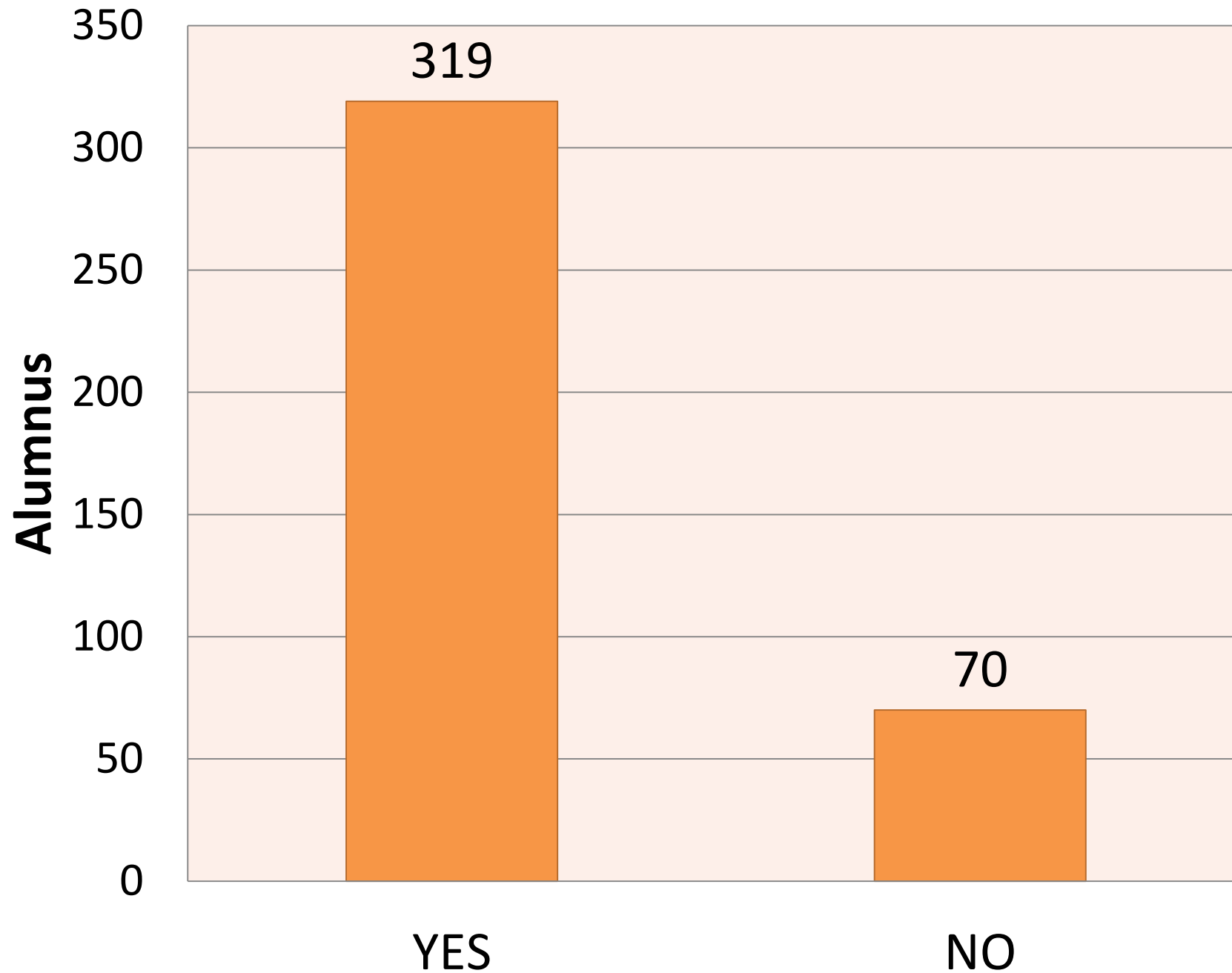


Responded Company



Are You Working this time?

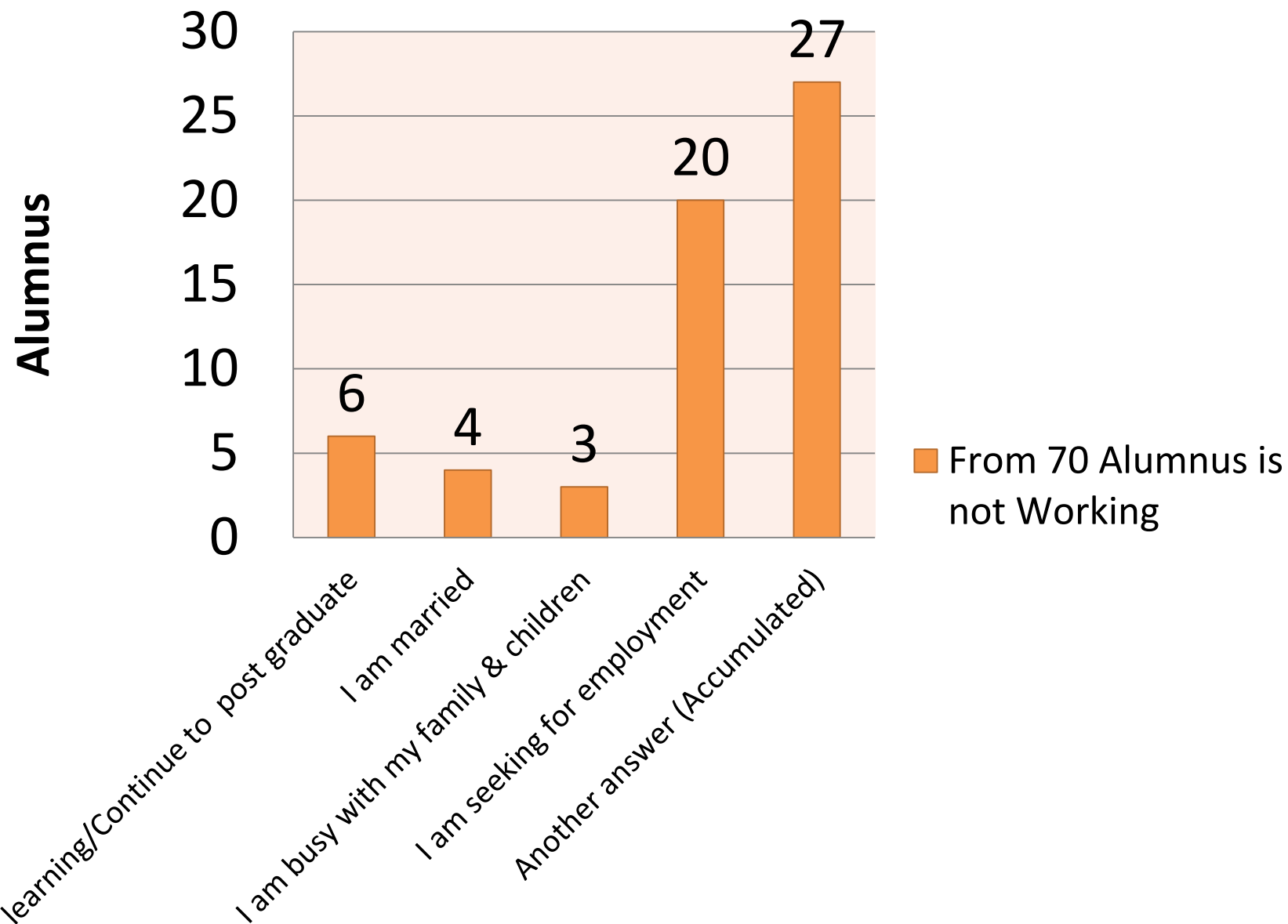
Are You Working this time?



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

The Condition of Not Working Alumnus

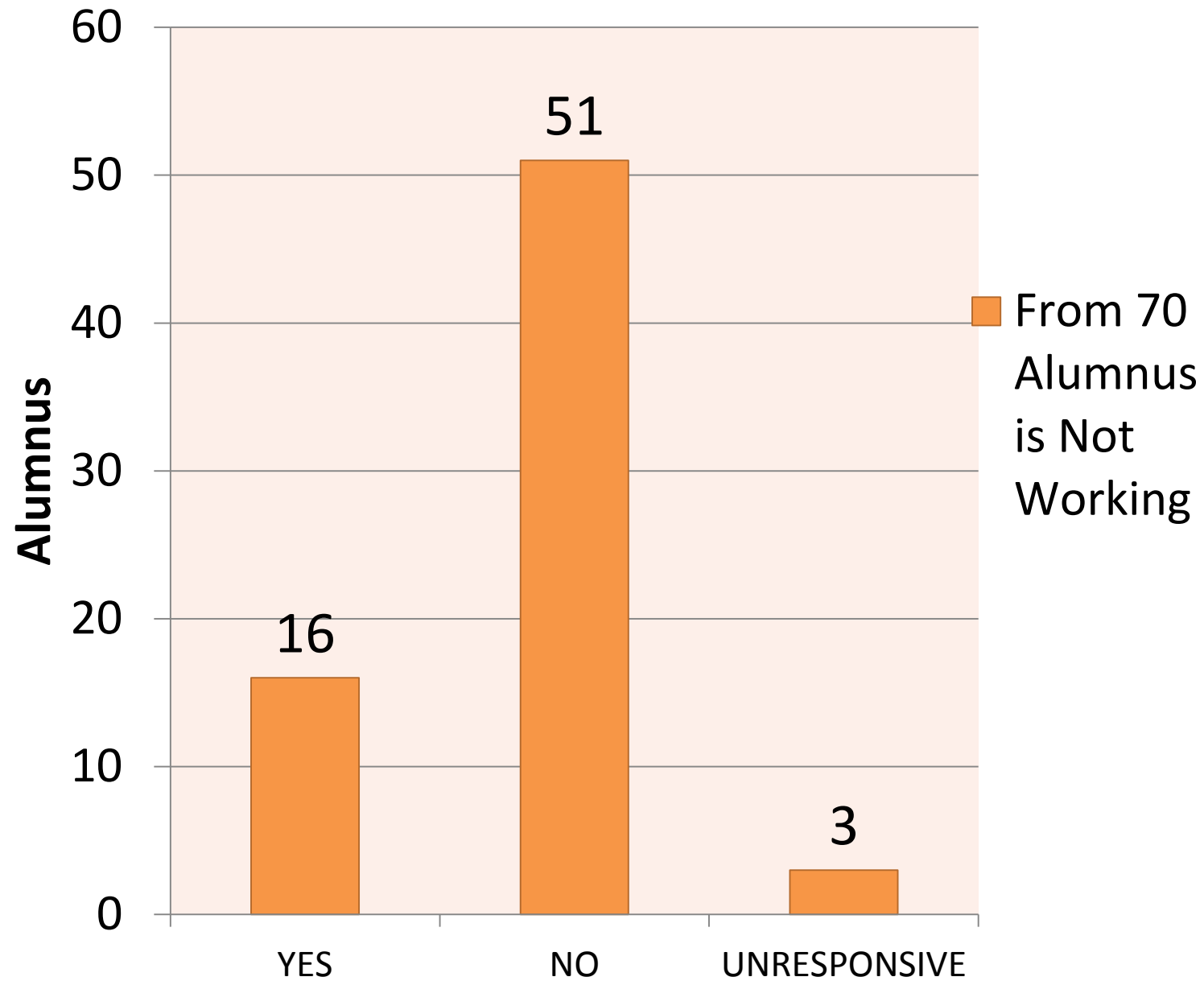
How you describe your condition now?



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?

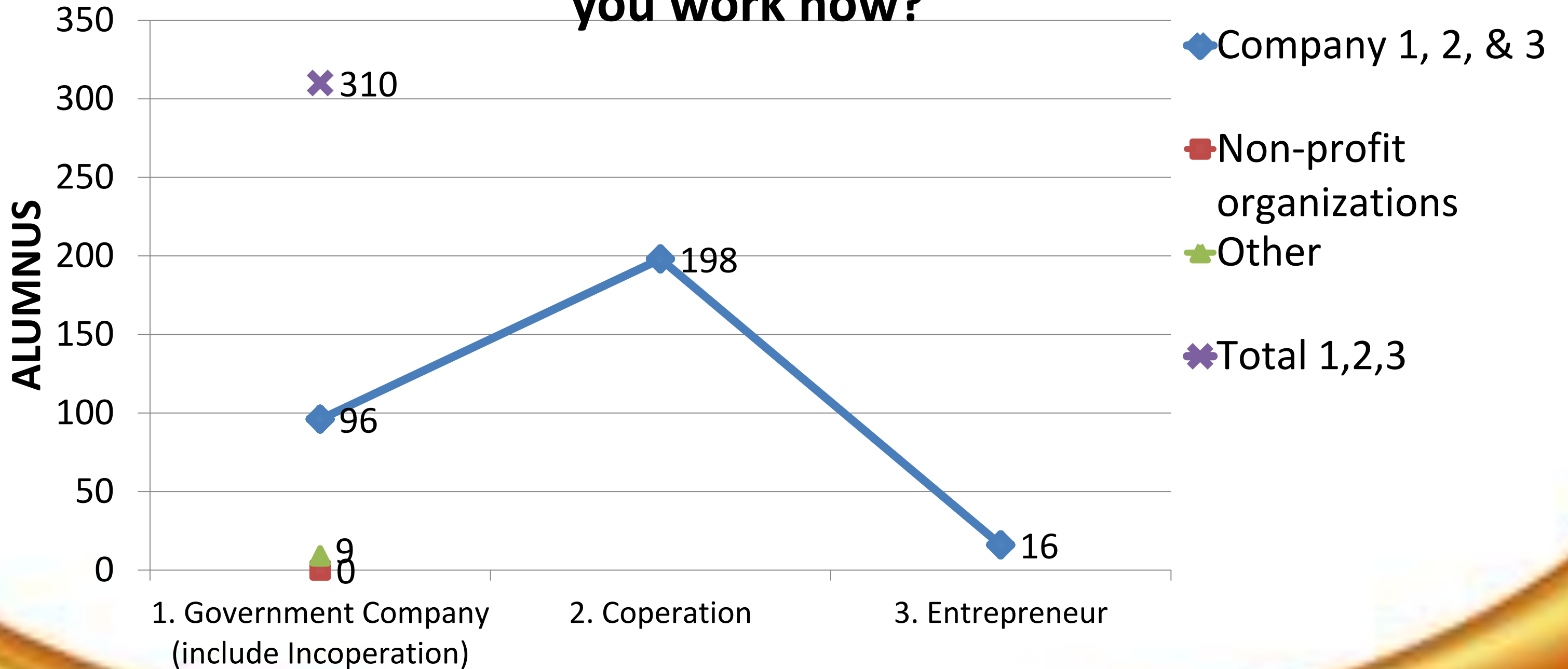


Are you actively seeking for employment in last 4 weeks?

No	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?



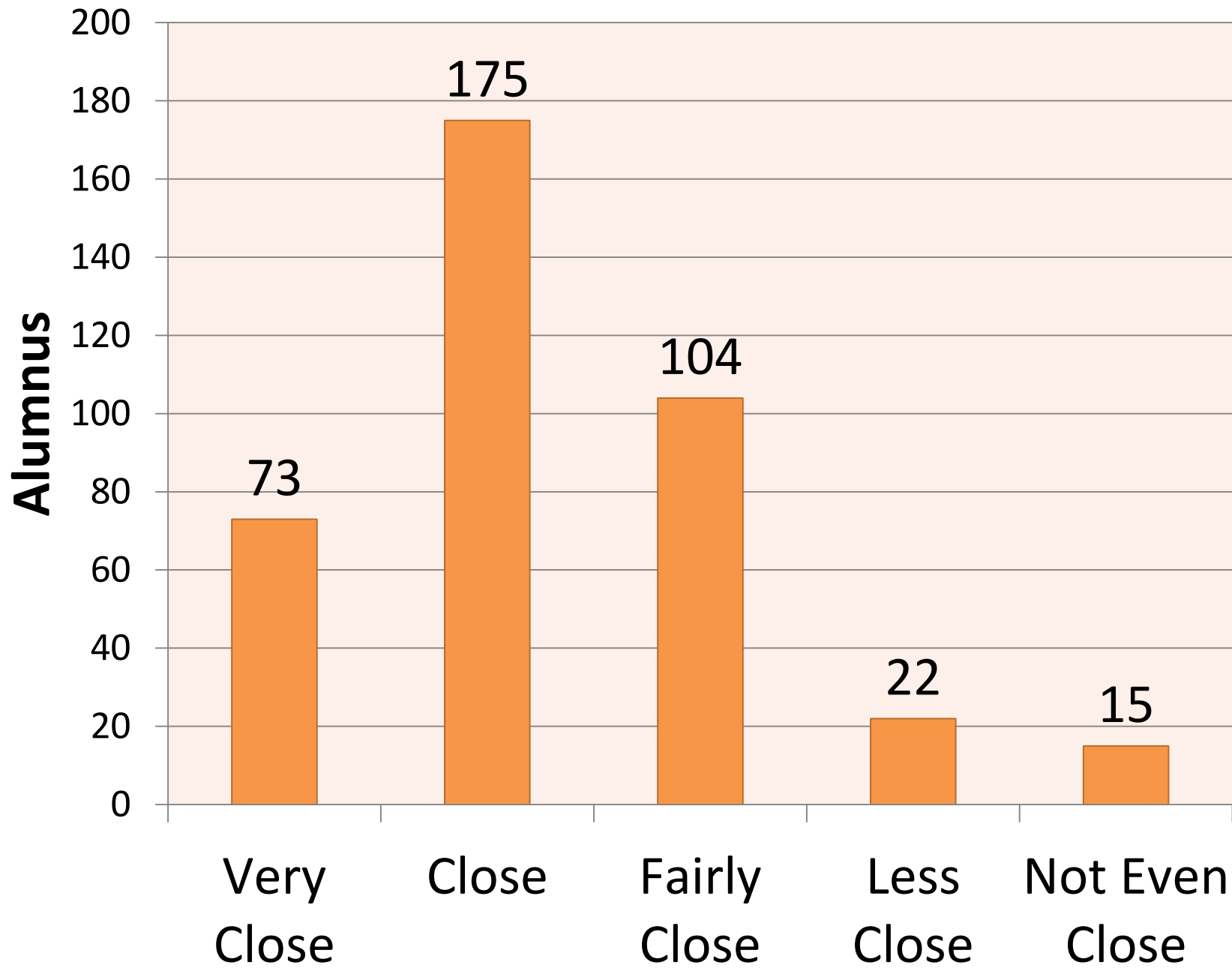
Alumnus' Income

Total 317 graduates



Relation of The Main Study with Profession

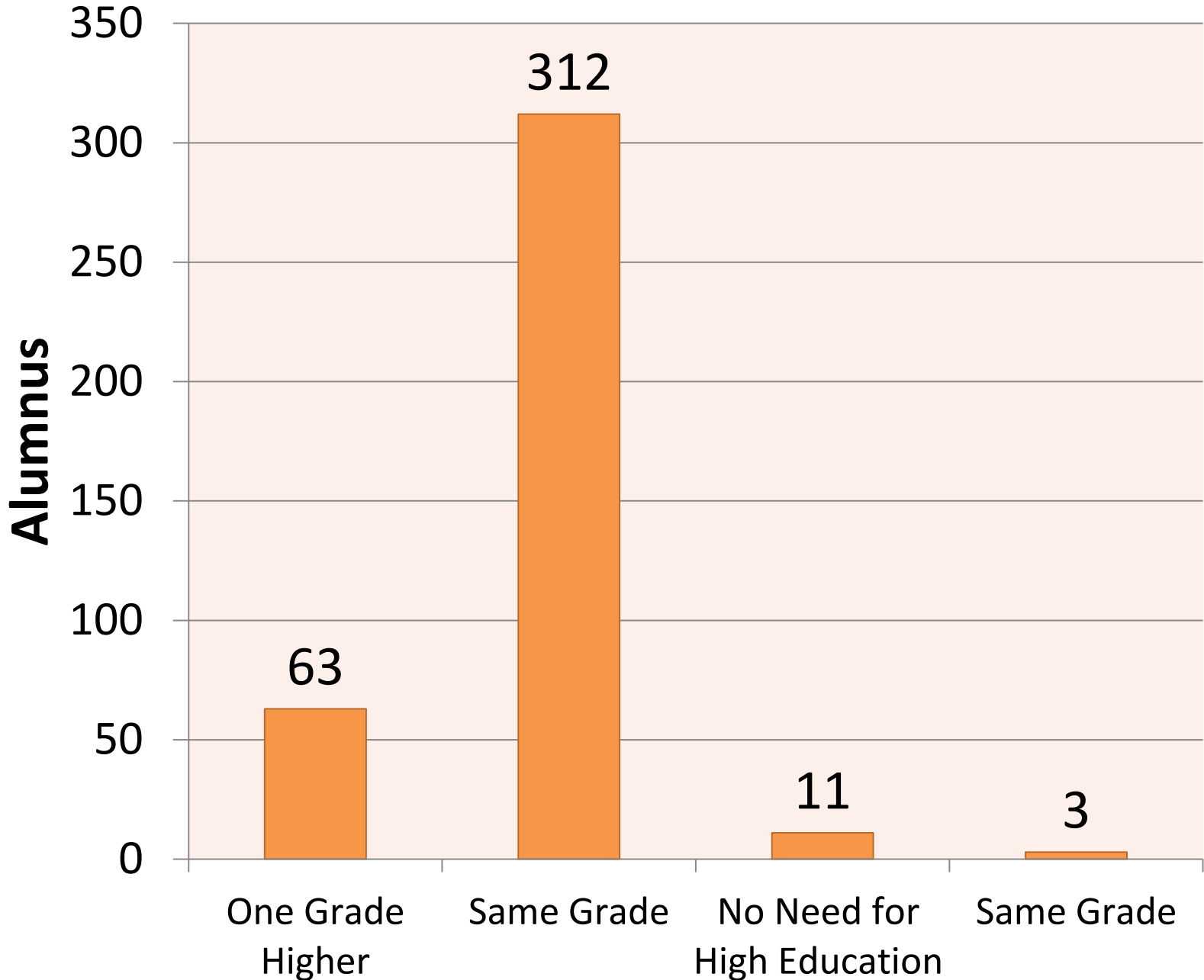
How close the relation between your main study with profession?



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

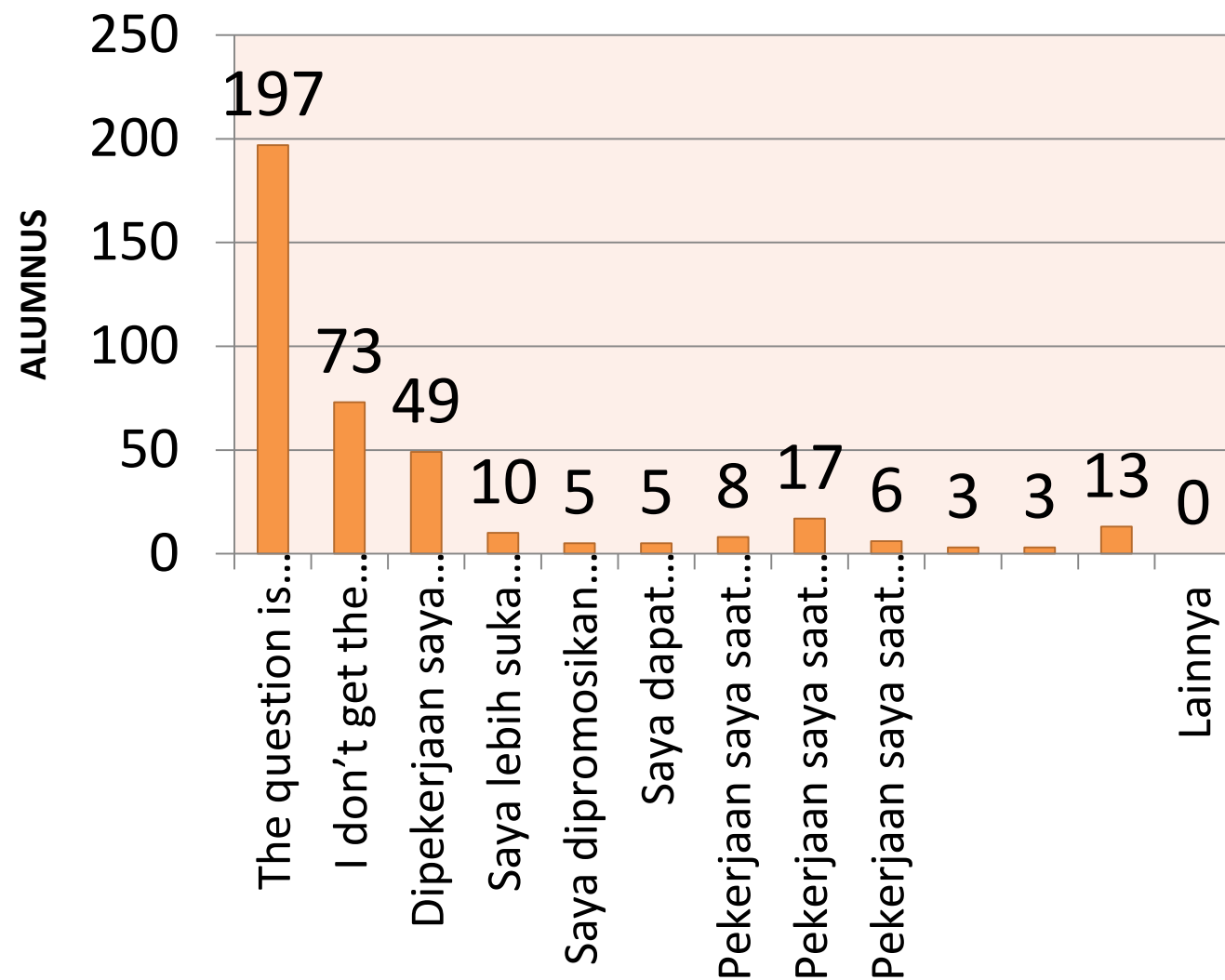
What is the suitable education grade for your current employment?



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?

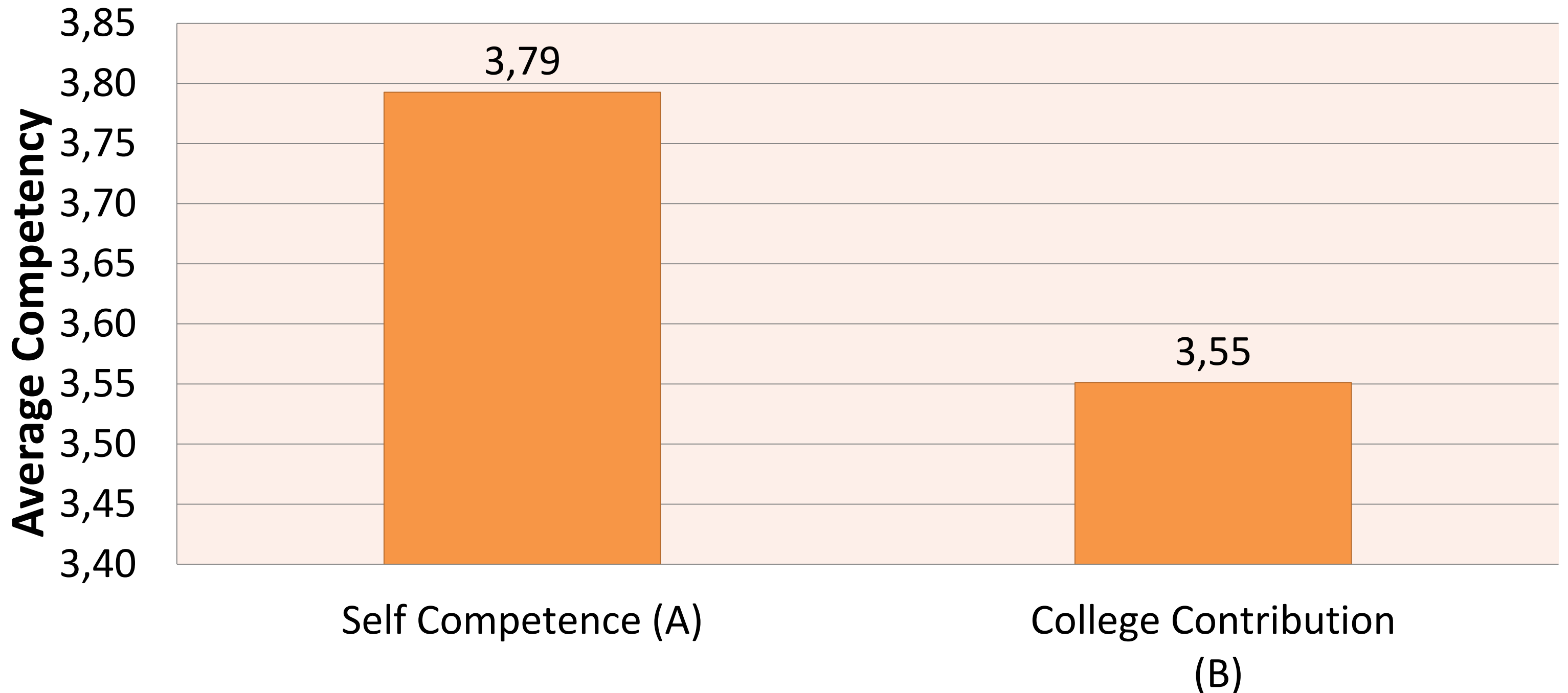
If you think that your current employment is not suitable with your main study, why you take it?



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



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.**