



Escuela Superior Politécnica Del Litoral
Faculty of Electrical and Computer Engineering
Alumni follow-up report 2017 period
Telematics Engineering

1. INTRODUCTION

According to the requirements established to conduct surveys to graduates, coordination of alumni follow up and graduates proceeded to make the statistical analysis of survey variables MONITORING PROFESSIONALS WHO FINISHED YOUR COURSES FLOWCHART 2017, the same as It was delivered by CEPROEM. The survey was conducted to graduates in 2017.

A group of graduates was asked to fill out the survey, but only eight of them responded.

Observation:

The form used to graduates follow and graduates contained 39 questions from them we can extract relevant information such as:

- Current status of the person: working or not
- Relationship between career and current employment
- Salary range you receive
- Bussiness sector in which you work
- How career studies have impacted their professional life

Next, the evaluation of the results of the survey, based on the Educational Objectives and Learning Outcomes for the career of Engineering in Telematics of the graduates of the year 2017:

2. Data analysis

A) Results of the employment status.

According to (Q6) graphics, 50% of graduates are working, 37.50% are still looking for a job and 12.50% are studying.

The graphic (Q9) represents that the 100% of the graduates are working for a private enterprise.

It can be seen in the graphic (Q10) the next results: the 50% of the graduates have gotten a job throughout the " Unidad Académica", the 25% have gotten a job though out the employment exchange, and the 25% throughout social media.

The 100% of graduates have a contract of employment as a link with the companies.

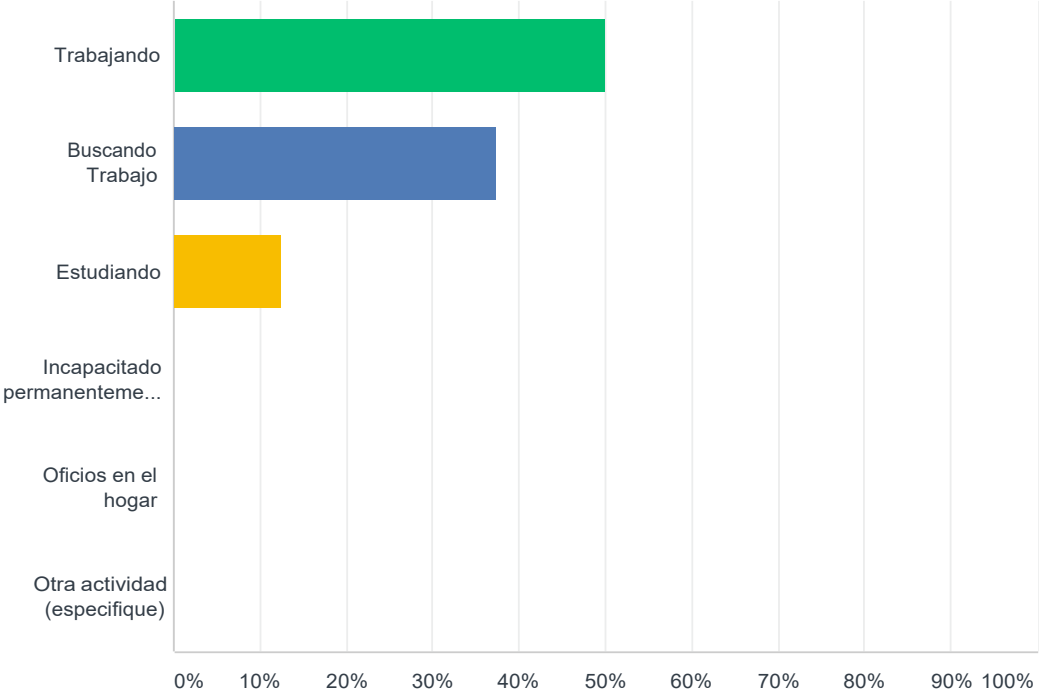
The results of the graphic (Q14), show that the 75% of graduates work in communications and information, and 25% in teaching. The subsector of the companies is: Computing, software development and information systems. Finally, the interpretation of statistical data of the graphic (Q15) show that 100% of graduates work for a private company.

The graphic (Q16) represents the type of company according to size, that graduates are working for. 25% of graduates work for large enterprises and 75% work for small enterprises.

The graphic (Q19) represents that 25% of graduates receive a salary less than \$375.00, 50% receive around \$376.00 and \$700.00, and 25% receive around \$1001.00 and \$1500.00

Q6 Currently, in which activity do you spent most of your time?

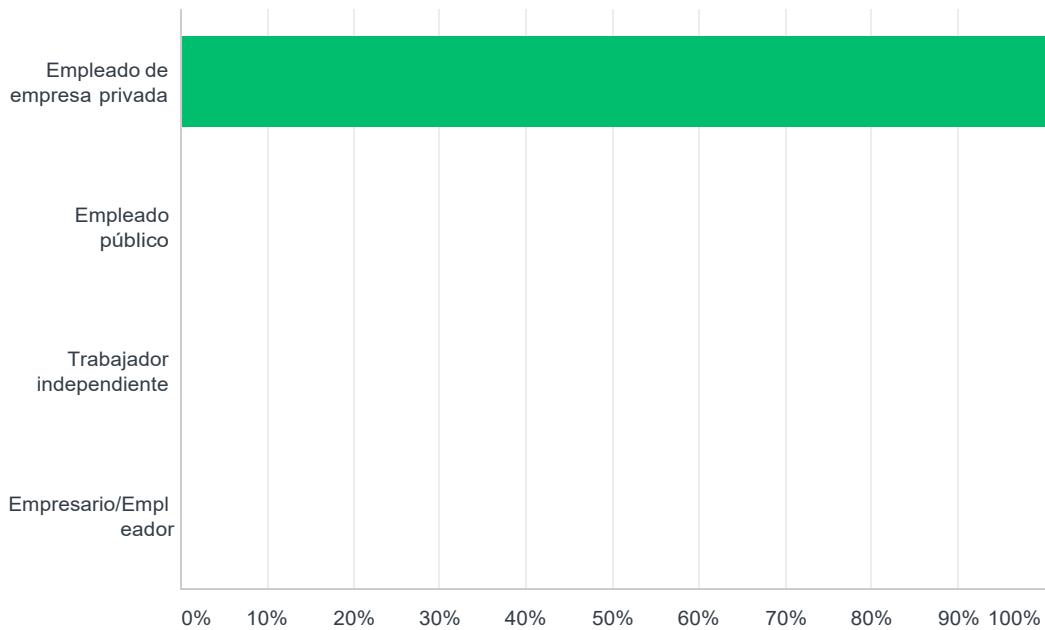
Respondidas: 8 Omitidas: 0



OPCIONES DE RESPUESTA	RESPUESTAS	
Trabajando	50,00%	4
Buscando Trabajo	37,50%	3
Estudiando	12,50%	1
Incapacitado permanentemente para trabajar o estudiar	0,00%	0
Oficios en el hogar	0,00%	0
Otra actividad (especifique)	0,00%	0

Q9 In this activity you are:

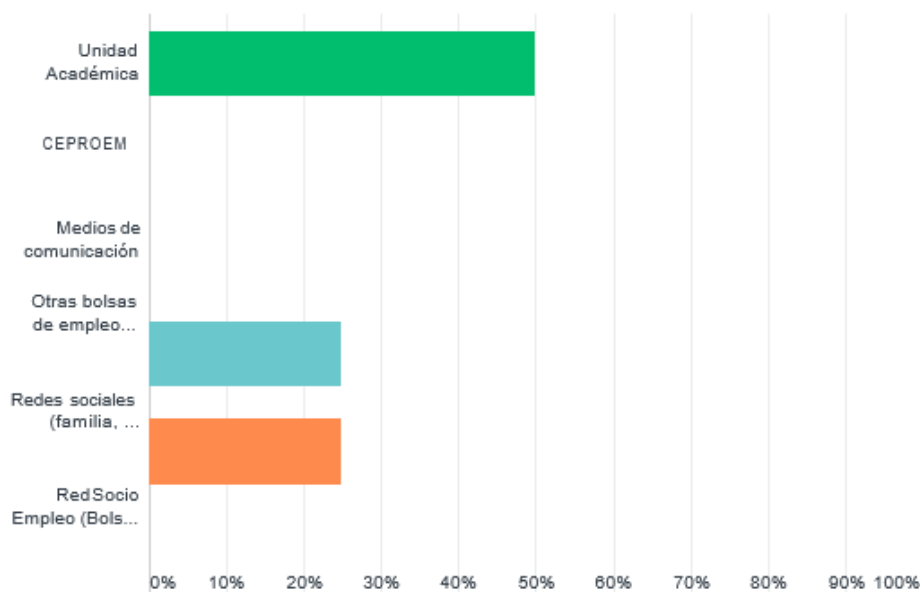
Respondidas: 5 Omitidas: 3



OPCIONES DE RESPUESTA	RESPUESTAS	Cantidad
Empleado de empresa privada	100,00%	5
Empleado público	0,00%	0
Trabajador independiente	0,00%	0
Empresario/Empleador	0,00%	0
TOTAL		5

Q10 Which is the best way to find a job?

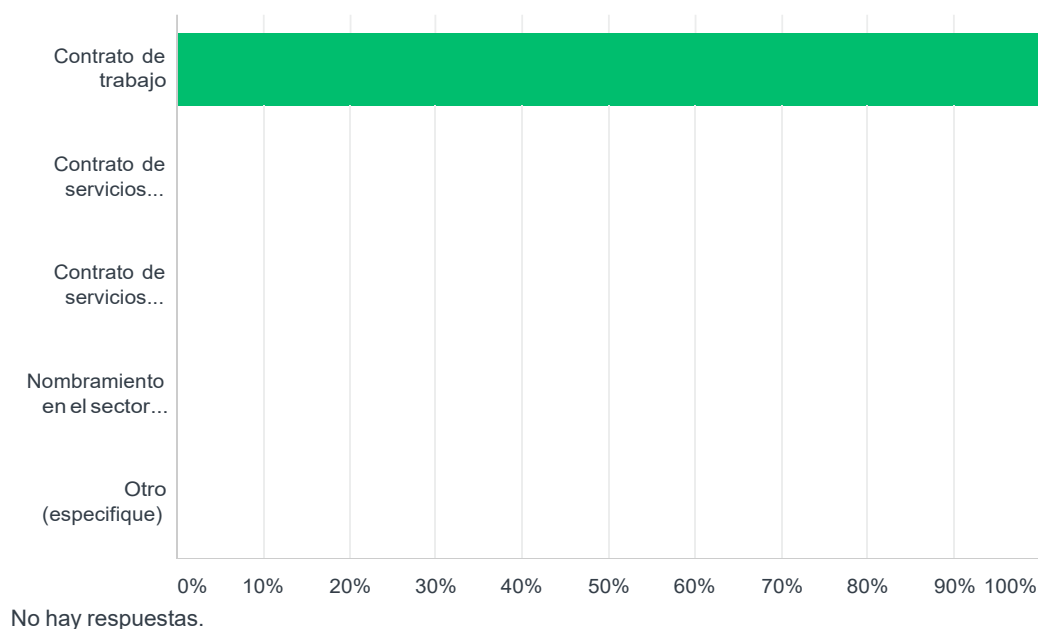
Respondidas: 4 Omitidas: 4



OPCIONES DE RESPUESTA	RESPUESTAS	
Unidad Académica	50,00%	2
CEPROEM	0,00%	0
Medios de comunicación	0,00%	0
Otras bolsas de empleo (internet, head hunters)	25,00%	1
Redes sociales (familia, amigos, conocidos)	25,00%	1
Red Socio Empleo (Bolsa de trabajo del gobierno)	0,00%	0
TOTAL		4

Q11 What kind of link do you have with the enterprise?

Respondidas: 4 Omitidas: 4

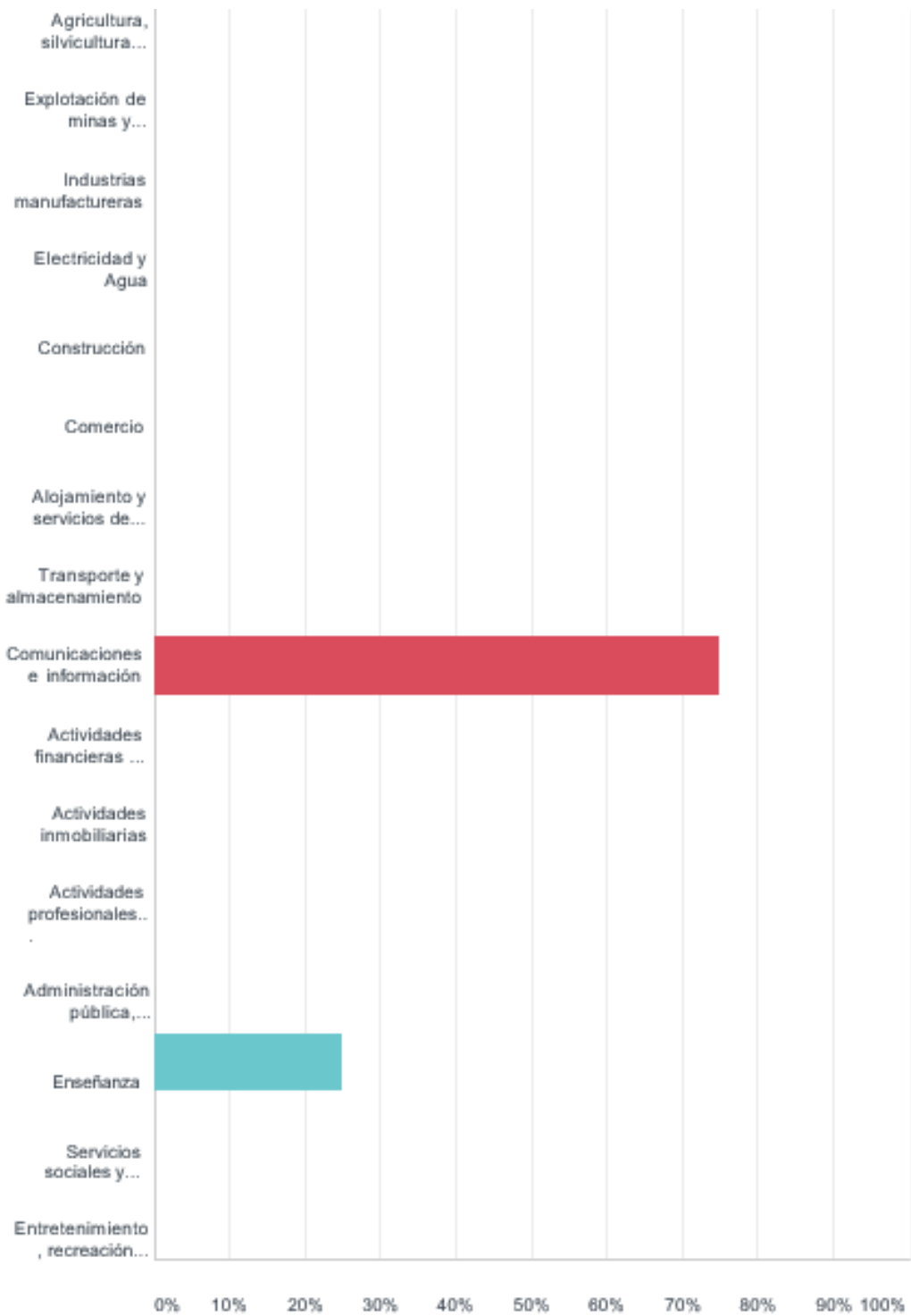


OPCIONES DE RESPUESTA	RESPUESTAS	
Contrato de trabajo	100,00%	4
Contrato de servicios ocasionales	0,00%	0
Contrato de servicios técnicos especializados	0,00%	0
Nombramiento en el sector público	0,00%	0
Otro (especifique)	0,00%	0
TOTAL		4

N.º	OTRO (ESPECIFIQUE)	FECHA
	No hay respuestas.	

Q13 The sector of your job is:

Respondidas: 4 Omitidas: 4



Comunicaciones e información	75,00%	3
Actividades financieras y de seguros	0,00%	0
Actividades inmobiliarias	0,00%	0
Actividades profesionales, técnicas y administrativas	0,00%	0
Administración pública, defensa, seguridad social obligatoria	0,00%	0
Enseñanza	25,00%	1
Servicios sociales y relacionados con la salud humana	0,00%	0
Entretenimiento, recreación y otras actividades de servicios	0,00%	0
TOTAL		4

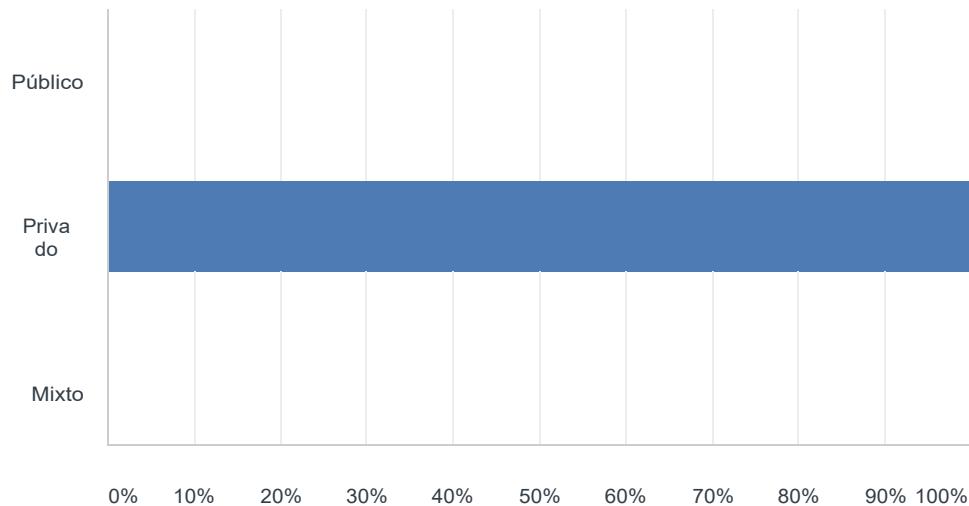
Q14 The sub sector of your job is:

Respondidas: 4 Omitidas: 4

N.º	RESPUESTAS	FECHA
1	Desarrollo de Software	17/12/2017 23:41
2	Sistemas de Información	19/09/2017 16:23
3	Informática	31/07/2017 9:28
4	DOCENTE	19/07/2017 15:36

Q15 The nature of your organization is:

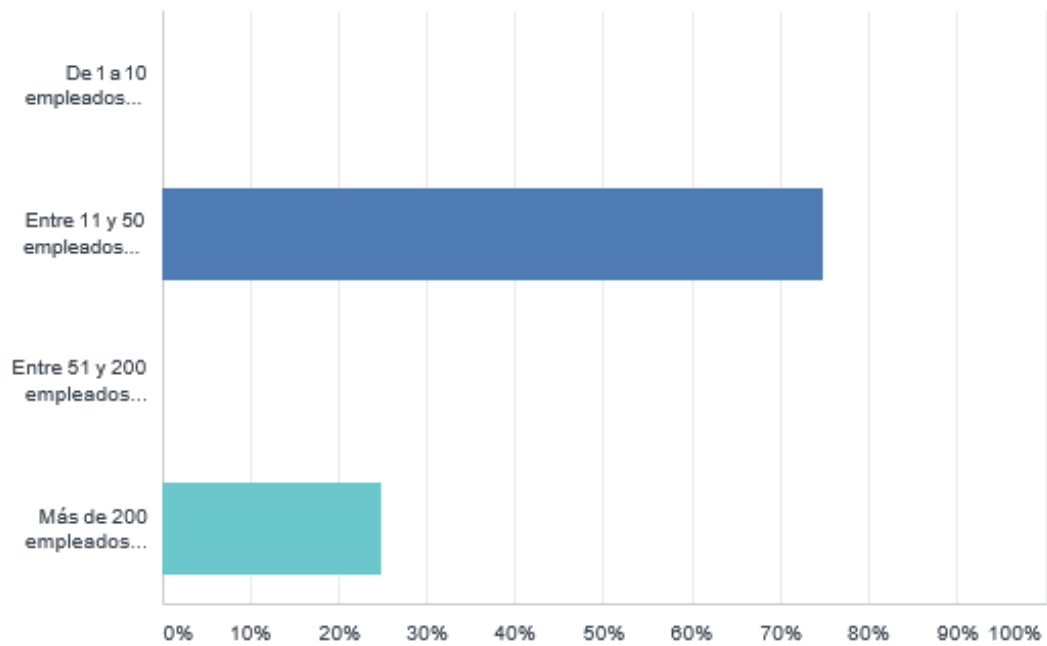
Respondidas: 4 Omitidas: 4



OPCIONES DE RESPUESTA	RESPUESTAS
Público	0,00% 0
Privado	100,00% 4
Mixto	0,00% 0

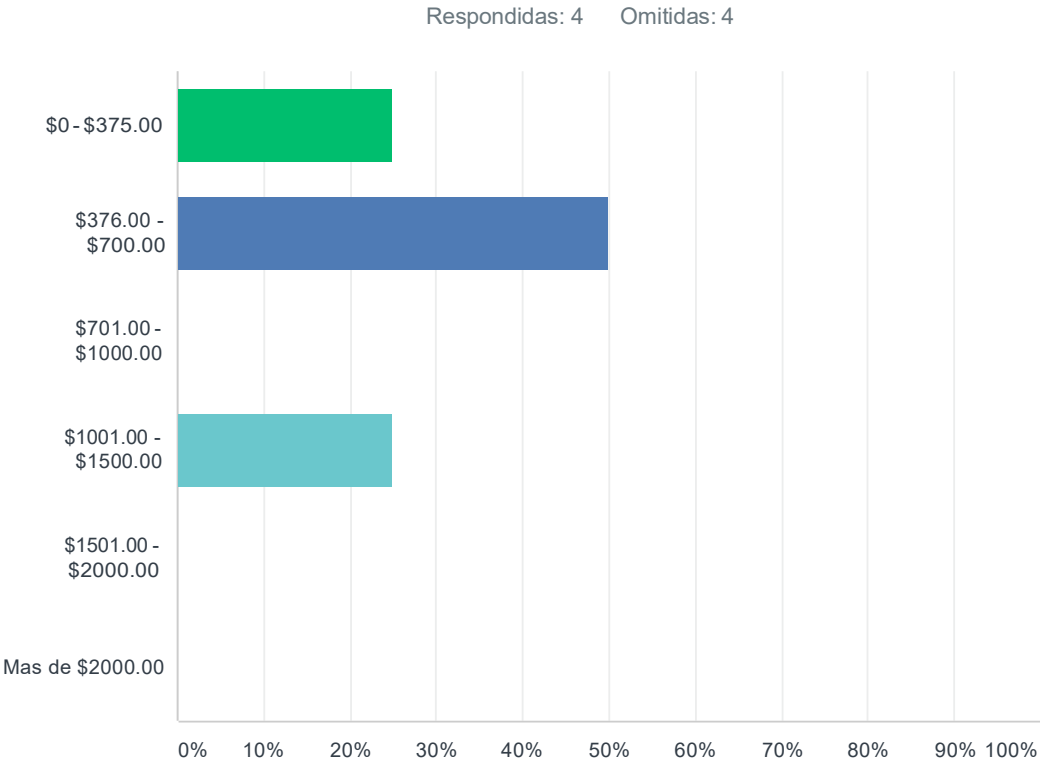
o
TO
TAL

Q16 Type of company according to size



OPCIONES DE RESPUESTA	RESPUESTAS	
De 1 a 10 empleados (Micro)	0,00%	0
Entre 11 y 50 empleados (Pequeña)	75,00%	3
Entre 51 y 200 empleados (Mediana)	0,00%	0
Más de 200 empleados (Grande)	25,00%	1
TOTAL		4

Q19 What was your labor income in the past month? (Include tips and commissions. Do not include overtime, per diem, or aid in kind)



OPCIONES DE RESPUESTA	RESPUESTAS	
\$0 - \$375.00	25,00%	1
\$376.00 - \$700.00	50,00%	2
\$701.00 - \$1000.00	0,00%	0

b) According to the difficulties and satisfactions of their work and the University

From the data observed in (Q18) it's obtained that 25% of graduates have a job that is directly related to the career they studied, 50% affirm that their employment is indirectly related and 25% have an unrelated job.

In the graph (Q33), 25% of graduates affirm that the knowledge, abilities and skills learned in their career have been VERY USEFUL in their jobs, while 75% indicate that they have been just USEFUL.

In (Q34) 100% of graduates indicate that the job in which they are found working to their personal growth and development.

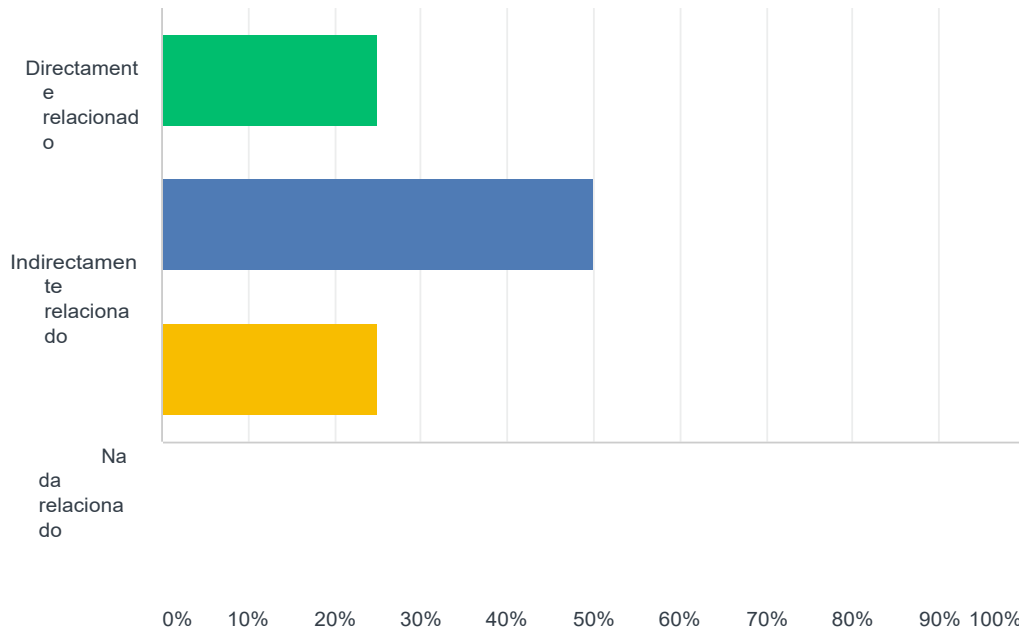
Regarding to the satisfaction of graduates with their respective jobs, you can see the results in the graph (Q35). 25% of graduates are VERY SATISFIED, 25% SATISFIED and 50% is INDIFFERENT.

In (Q38), graduates indicate the hardships of finding employment, 50% of graduates consider that one difficulty is that there aren't any available jobs in the city, 75% indicate that they do not find the appropriate job, 100% of the graduates agree that the problem is that they lack the necessary experience, 50% of the graduates consider that the employers see them as very young and unexperienced, and finally 25% of the graduates affirm that the salary is very low.

The most effective way of finding a job according to the results of the graph (Q39), is throughout Employment exchanges in 75%, throughout social networks in 50%, by "Red Socio Empleo" in 50 % and by CEPROEM by 25%.

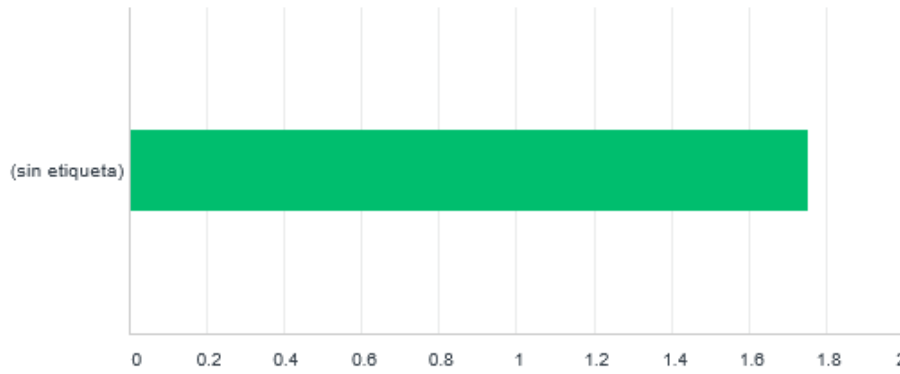
Q18 In which percentage is your job related to the career you majored in?

Respondidas: 4 Omitidas: 4



OPCIONES DE RESPUESTA	RESPUESTAS	
Directamente relacionado	25,00%	1
Indirectamente relacionado	50,00%	2
Nada relacionado	25,00%	1
TOTAL		4

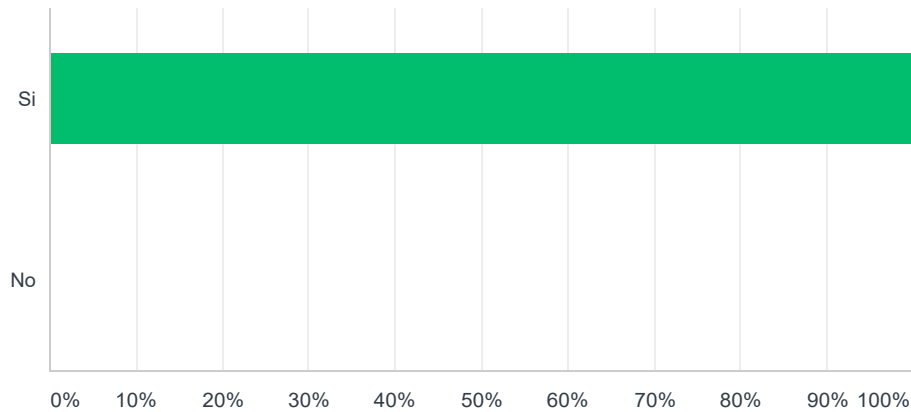
Q33 How useful have been the knowledge, abilities and skills learned in your career ?



	MUY ÚTILES	ÚTILES	POCO ÚTILES	NADA ÚTILES	TOTAL	PROMEDIO PONDERADO
(sin etiqueta)	25,00%	75,00%	0,00%	0,00%	4	1,75
	1	3	0	0		

Q34 Is your current job helping with your personal growth and development?

Respondidas: 4 Omitidas: 4

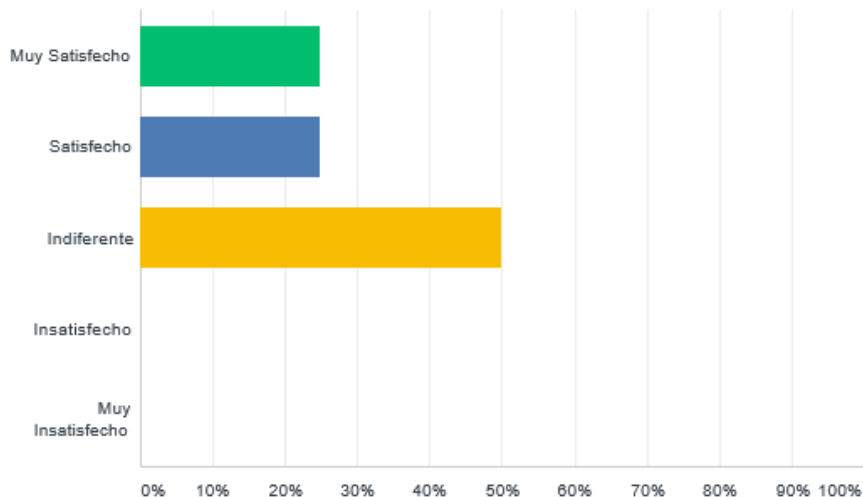


OPCIONES DE RESPUESTA	RESPUESTAS
Si	100,00% 4
No	0,00% 0
TOTAL	4

Q35 In which percentage would you describes how satisfied you are in your current job?

Respondidas: 4 Omitidas: 4

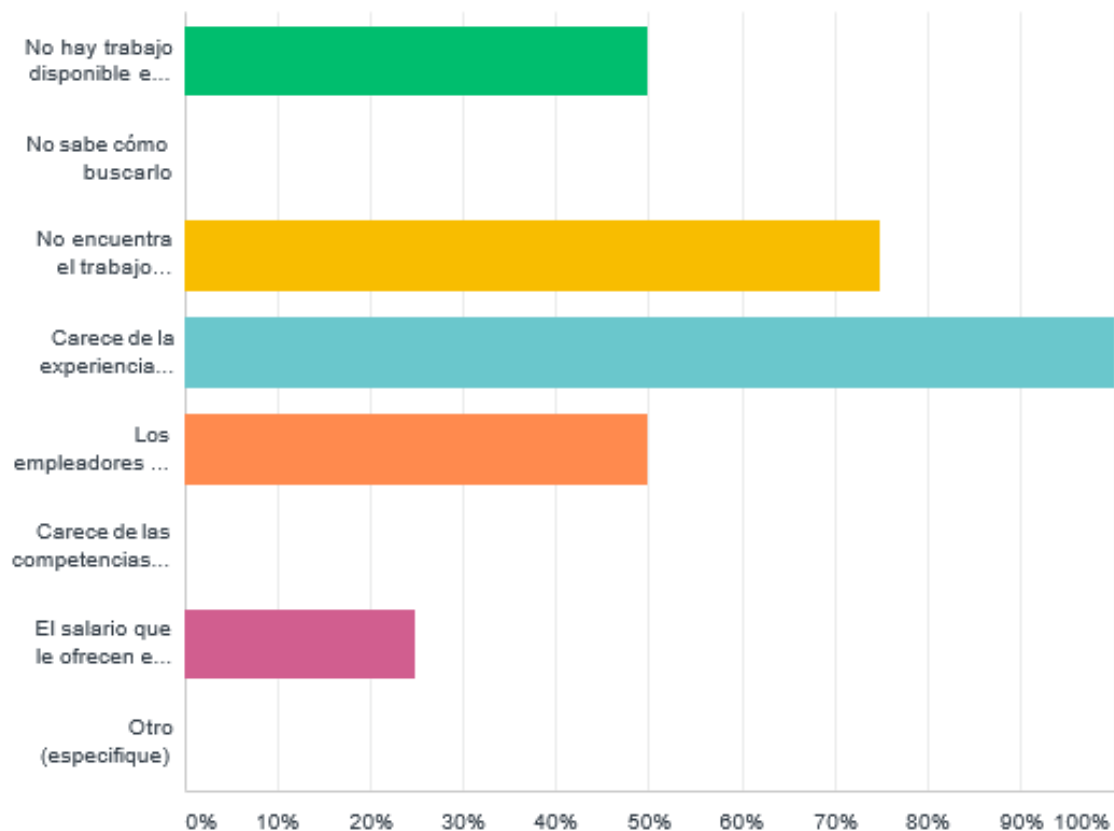
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OPCIONES DE RESPUESTA	RESPUESTAS
Muy Satisfecho	25,00% 1
Satisfecho	25,00% 1
Indiferente	50,00% 2
Insatisfecho	0,00% 0
Muy Insatisfecho	0,00% 0
TOTAL	4

Q38 Which are the hardships of looking for a job that is related to the career?

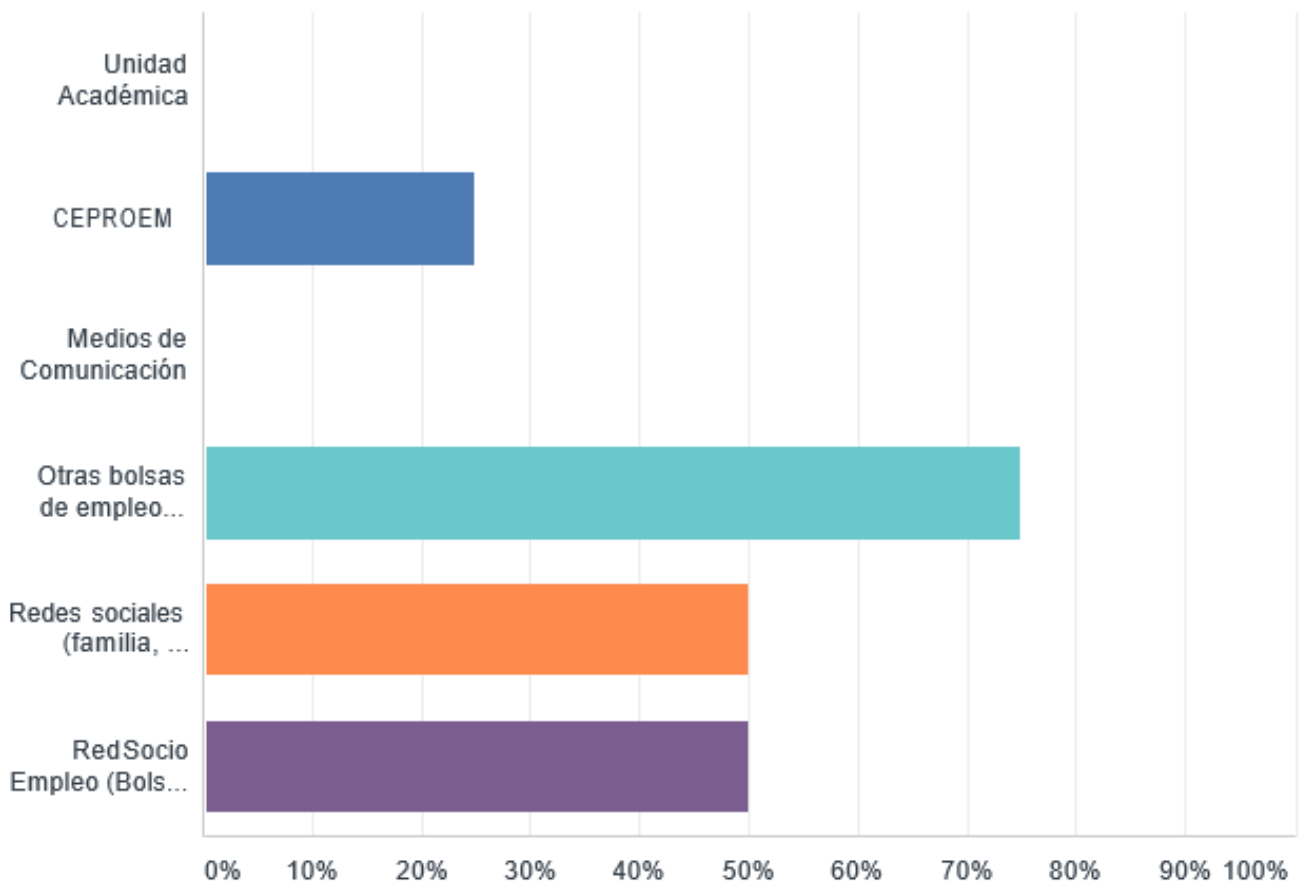
-Respondidas: 4 Omitidas: 4



OPCIONES DE RESPUESTA	RESPUESTAS	
No hay trabajo disponible en la ciudad donde vive	50,00%	2
No sabe cómo buscarlo	0,00%	0
No encuentra el trabajo apropiado en su oficio o profesión	75,00%	3
Carece de la experiencia necesaria	100,00%	4
Los empleadores lo ven muy joven	50,00%	2
Carece de las competencias requeridas	0,00%	0
El salario que le ofrecen es muy bajo	25,00%	1
Otro (especifique)	0,00%	0
Total de encuestados: 4		

N.º	OTRO (ESPECIFIQUE)	FECHA
	No hay respuestas.	

Q39 Which way of looking for a job do you consider the most effective? (multiple choice)



Respondidas: 4 Omitidas: 4

OPCIONES DE RESPUESTA	RESPUESTAS	
Unidad Académica	0,00%	0
CEPROEM	25,00%	1
Medios de Comunicación	0,00%	0
Otras bolsas de empleo (internet, head hunters)	75,00%	3
Redes sociales (familia, amigos, conocidos)	50,00%	2
Red Socio Empleo (Bolsa de trabajo del gobierno)	50,00%	2
Total de encuestados: 4		