

**TOMA DE OPINIÓN DE EMPLEADORES DE EGRESADOS DE NIVEL MEDIO SUPERIOR, APLICADA EN 2010**

Características	Tipo de empresa				Tamaño de la empresa				
	Pública	Privada	Otra	Total	Micro	Pequeña	Mediana	Grande	Total
<b>Actividad económica de la empresa</b>									
Agrícola-ganadero, silvícola etc.	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	1.3%	1.3%
Industria extractiva (minería, electricidad y petróleo)	0.6%	1.9%	0.0%	2.6%	0.0%	1.3%	0.0%	1.3%	2.6%
Industria de transformación	0.6%	13.5%	0.0%	14.1%	1.9%	4.5%	3.2%	4.5%	14.1%
Industria de la construcción	0.6%	5.1%	0.0%	5.8%	1.3%	0.6%	2.6%	1.3%	5.8%
Comercio	0.6%	16.7%	0.0%	17.3%	2.6%	5.1%	5.1%	4.5%	17.3%
Servicios bancarios, financieros y seguros	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%
Transporte/comunicación	0.6%	4.5%	0.0%	5.1%	0.0%	1.9%	0.0%	3.2%	5.1%
2	0.0%	1.9%	0.0%	1.9%	0.0%	1.3%	0.0%	0.6%	1.9%
Servicios profesionales y técnicos	1.9%	17.9%	0.6%	20.5%	7.1%	4.5%	6.4%	2.6%	20.5%
Servicios de salud	5.1%	3.8%	0.0%	9.0%	1.3%	1.3%	0.0%	6.4%	9.0%
Servicios de gobierno	0.6%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.6%	0.6%
Otros	0.6%	13.5%	0.6%	14.7%	1.3%	3.8%	0.6%	9.0%	14.7%
No Contestó	0.0%	6.4%	0.0%	6.4%	0.0%	1.9%	0.0%	4.5%	6.4%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Número de egresados politécnicos del área de Ingeniería y Ciencias Físico Matemáticas, que han laborado en la empresa en los últimos 3 años</b>									
Ninguno	7.7%	32.7%	0.6%	41.0%	1.9%	14.1%	5.1%	19.9%	41.0%
1	0.6%	9.6%	0.6%	10.9%	4.5%	2.6%	1.9%	1.9%	10.9%
2	0.6%	8.3%	0.0%	9.0%	1.9%	3.2%	1.9%	1.9%	9.0%
3	0.0%	7.7%	0.0%	7.7%	3.8%	1.9%	1.3%	0.6%	7.7%
De 4 a 10	0.6%	18.6%	0.0%	19.2%	3.2%	4.5%	3.8%	7.7%	19.2%
Más de 10	1.9%	10.3%	0.0%	12.2%	0.0%	0.6%	3.8%	7.7%	12.2%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Número de egresados politécnicos del área de Ciencias Sociales y Administrativas, que han laborado en la empresa en los últimos 3 años</b>									
Ninguno	6.4%	42.3%	0.6%	49.4%	12.2%	10.9%	7.1%	19.2%	49.4%
1	0.6%	9.6%	0.6%	10.9%	1.3%	5.1%	1.3%	3.2%	10.9%
2	0.6%	4.5%	0.0%	5.1%	1.3%	1.3%	1.3%	1.3%	5.1%
3	0.6%	1.9%	0.0%	2.6%	0.0%	1.3%	0.0%	1.3%	2.6%
De 4 a 10	1.3%	17.3%	0.0%	18.6%	0.6%	5.8%	3.8%	8.3%	18.6%
Más de 10	1.9%	11.5%	0.0%	13.5%	0.0%	2.6%	4.5%	6.4%	13.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Número de egresados politécnicos del área de Ciencias Médico-Biológicas, que han laborado en la empresa en los últimos 3 años</b>									
Ninguno	4.5%	76.3%	1.3%	82.1%	15.4%	25.0%	15.4%	26.3%	82.1%
1	3.8%	1.9%	0.0%	5.8%	0.0%	1.9%	0.0%	3.8%	5.8%
2	1.3%	2.6%	0.0%	3.8%	0.0%	0.0%	0.6%	3.2%	3.8%
3	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
De 4 a 10	0.0%	3.8%	0.0%	3.8%	0.0%	0.0%	0.0%	3.8%	3.8%
Más de 10	1.9%	2.6%	0.0%	4.5%	0.0%	0.0%	1.9%	2.6%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%

**Conocimientos, habilidades, actitudes y aptitudes**

<b>Conocimientos y habilidades</b>									
Excelente	6.4%	32.7%	1.3%	40.4%	5.8%	10.9%	7.1%	16.7%	40.4%
Bueno	4.5%	43.6%	0.0%	48.1%	8.3%	11.5%	8.3%	19.9%	48.1%
Regular	0.0%	5.8%	0.0%	5.8%	0.6%	0.6%	1.9%	2.6%	5.8%
Malo	0.0%	1.3%	0.0%	1.3%	0.0%	0.6%	0.0%	0.6%	1.3%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Análisis y aplicación</b>									
Excelente	4.5%	34.0%	1.3%	39.7%	6.4%	10.9%	5.1%	17.3%	39.7%
Bueno	5.1%	45.5%	0.0%	50.6%	7.1%	11.5%	10.3%	21.8%	50.6%
Regular	1.3%	3.8%	0.0%	5.1%	1.3%	1.3%	1.9%	0.6%	5.1%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Destreza con el equipo y maquinaria</b>									
Excelente	7.7%	34.0%	0.6%	42.3%	6.4%	10.9%	6.4%	18.6%	42.3%
Bueno	2.6%	44.9%	0.6%	48.1%	6.4%	10.9%	10.3%	20.5%	48.1%
Regular	0.6%	4.5%	0.0%	5.1%	1.9%	1.9%	0.6%	0.6%	5.1%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%

<b>Innovación en la aplicación de nuevas tecnologías</b>									
Excelente	4.5%	34.6%	0.6%	39.7%	5.8%	11.5%	5.1%	17.3%	39.7%
Bueno	5.1%	35.3%	0.6%	41.0%	4.5%	8.3%	7.7%	20.5%	41.0%
Regular	0.6%	12.2%	0.0%	12.8%	4.5%	3.2%	3.2%	1.9%	12.8%
Malo	0.0%	1.3%	0.0%	1.3%	0.0%	0.6%	0.6%	0.0%	1.3%
No Contestó	1.3%	3.8%	0.0%	5.1%	0.6%	3.2%	1.3%	0.0%	5.1%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Habilidades en el manejo de las nuevas tecnologías de información y comunicación</b>									
Excelente	9.6%	32.7%	0.6%	42.9%	7.1%	9.6%	7.1%	19.2%	42.9%
Bueno	1.3%	42.9%	0.6%	44.9%	7.7%	10.3%	7.1%	19.9%	44.9%
Regular	0.0%	6.4%	0.0%	6.4%	0.0%	2.6%	3.2%	0.6%	6.4%
Malo	0.0%	1.3%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	1.3%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Responsabilidad en el trabajo con calidad, cantidad y precisión</b>									
Excelente	6.4%	35.3%	1.3%	42.9%	5.8%	14.7%	7.7%	14.7%	42.9%
Bueno	4.5%	42.3%	0.0%	46.8%	8.3%	7.7%	6.4%	24.4%	46.8%
Regular	0.0%	5.1%	0.0%	5.1%	0.6%	0.6%	3.2%	0.6%	5.1%
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Iniciativa</b>									
Excelente	7.7%	30.1%	0.6%	38.5%	7.1%	8.3%	7.1%	16.0%	38.5%
Bueno	3.2%	42.9%	0.6%	46.8%	5.1%	13.5%	7.1%	21.2%	46.8%
Regular	0.0%	9.6%	0.0%	9.6%	2.6%	1.3%	3.2%	2.6%	9.6%
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Participa en la mejora continua</b>									
Excelente	6.4%	25.6%	1.3%	33.3%	5.1%	5.8%	5.8%	16.7%	33.3%
Bueno	2.6%	48.1%	0.0%	50.6%	7.1%	14.7%	7.7%	21.2%	50.6%
Regular	1.3%	7.7%	0.0%	9.0%	2.6%	2.6%	2.6%	1.3%	9.0%
Malo	0.0%	1.3%	0.0%	1.3%	0.0%	0.6%	0.6%	0.0%	1.3%
No Contestó	1.3%	4.5%	0.0%	5.8%	0.6%	3.2%	1.3%	0.6%	5.8%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Aprende nuevos conocimientos y estilos culturales</b>									
Excelente	4.5%	32.1%	0.6%	37.2%	5.8%	10.3%	3.8%	17.3%	37.2%
Bueno	6.4%	44.2%	0.0%	50.6%	9.0%	12.8%	10.9%	17.9%	50.6%
Regular	0.0%	6.4%	0.6%	7.1%	0.0%	0.6%	1.9%	4.5%	7.1%
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	0.0%	0.6%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Organización, gestión y control de grupos de trabajo</b>									
Excelente	7.1%	25.6%	0.6%	33.3%	5.1%	7.7%	3.8%	16.7%	33.3%
Bueno	3.8%	42.9%	0.6%	47.4%	4.5%	13.5%	12.2%	17.3%	47.4%
Regular	0.0%	13.5%	0.0%	13.5%	5.1%	1.3%	1.3%	5.8%	13.5%
Malo	0.0%	1.3%	0.0%	1.3%	0.0%	1.3%	0.0%	0.0%	1.3%
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Líder</b>									
Excelente	5.1%	27.6%	0.6%	33.3%	6.4%	8.3%	3.2%	15.4%	33.3%
Bueno	4.5%	40.4%	0.0%	44.9%	4.5%	11.5%	10.3%	18.6%	44.9%
Regular	0.6%	10.9%	0.6%	12.2%	3.2%	2.6%	2.6%	3.8%	12.2%
Malo	0.0%	3.8%	0.0%	3.8%	0.6%	1.3%	0.6%	1.3%	3.8%
No Contestó	1.3%	4.5%	0.0%	5.8%	0.6%	3.2%	1.3%	0.6%	5.8%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%
<b>Leal</b>									
Excelente	5.1%	40.4%	1.3%	46.8%	8.3%	11.5%	7.1%	19.9%	46.8%
Bueno	5.1%	38.5%	0.0%	43.6%	5.8%	10.3%	9.6%	17.9%	43.6%
Regular	0.6%	3.2%	0.0%	3.8%	0.6%	1.3%	0.6%	1.3%	3.8%
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%

<b>Responsable</b>										
Excelente	8.3%	37.2%	1.3%	46.8%	3.8%	12.8%	7.1%	23.1%	46.8%	
Bueno	2.6%	39.7%	0.0%	42.3%	9.0%	9.6%	7.7%	16.0%	42.3%	
Regular	0.0%	5.1%	0.0%	5.1%	1.9%	0.6%	2.6%	0.0%	5.1%	
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Honrado</b>										
Excelente	9.0%	50.6%	1.3%	60.9%	9.0%	16.7%	7.7%	27.6%	60.9%	
Bueno	1.9%	30.8%	0.0%	32.7%	5.8%	6.4%	9.0%	11.5%	32.7%	
Regular	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	0.0%	0.6%	
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Tolerante</b>										
Excelente	7.7%	18.6%	0.6%	26.9%	5.1%	5.1%	2.6%	14.1%	26.9%	
Bueno	3.2%	50.6%	0.6%	54.5%	5.8%	15.4%	13.5%	19.9%	54.5%	
Regular	0.0%	12.8%	0.0%	12.8%	3.8%	3.2%	0.6%	5.1%	12.8%	
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	0.0%	0.6%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Perceptivo</b>										
Excelente	8.3%	29.5%	0.6%	38.5%	6.4%	9.0%	6.4%	16.7%	38.5%	
Bueno	2.6%	45.5%	0.6%	48.7%	5.8%	12.8%	10.3%	19.9%	48.7%	
Regular	0.0%	7.7%	0.0%	7.7%	2.6%	1.9%	0.6%	2.6%	7.7%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Talentoso</b>										
Excelente	7.7%	28.2%	0.6%	36.5%	3.2%	10.3%	5.1%	17.9%	36.5%	
Bueno	3.2%	46.2%	0.6%	50.0%	10.3%	11.5%	10.9%	17.3%	50.0%	
Regular	0.0%	7.7%	0.0%	7.7%	1.3%	1.3%	1.3%	3.8%	7.7%	
Malo	0.0%	0.6%	0.0%	0.6%	0.0%	0.6%	0.0%	0.0%	0.6%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Adaptable</b>										
Excelente	6.4%	25.6%	1.3%	33.3%	5.1%	11.5%	3.2%	13.5%	33.3%	
Bueno	4.5%	48.7%	0.0%	53.2%	7.1%	10.9%	11.5%	23.7%	53.2%	
Regular	0.0%	8.3%	0.0%	8.3%	2.6%	1.3%	2.6%	1.9%	8.3%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Motivador</b>										
Excelente	3.2%	25.0%	1.3%	29.5%	4.5%	6.4%	3.8%	14.7%	29.5%	
Bueno	7.1%	44.9%	0.0%	51.9%	6.4%	14.1%	12.2%	19.2%	51.9%	
Regular	0.6%	9.0%	0.0%	9.6%	3.8%	1.9%	0.6%	3.2%	9.6%	
Malo	0.0%	3.8%	0.0%	3.8%	0.0%	1.3%	0.6%	1.9%	3.8%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	

### Opinión del empleador

<b>Desempeño general de los técnicos del IPN en las empresas</b>										
Excelente	5.8%	27.6%	1.3%	34.6%	5.1%	12.2%	1.9%	15.4%	34.6%	
Bueno	5.1%	52.6%	0.0%	57.7%	9.0%	10.3%	14.1%	24.4%	57.7%	
Regular	0.0%	3.2%	0.0%	3.2%	0.6%	1.3%	1.3%	0.0%	3.2%	
No Contestó	0.6%	3.8%	0.0%	4.5%	0.6%	3.2%	0.6%	0.0%	4.5%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Formación de técnicos respecto al de otras escuelas</b>										
Excelente	7.1%	44.2%	0.0%	51.3%	9.6%	12.2%	7.7%	21.8%	51.3%	
Bueno	2.6%	35.3%	1.3%	39.1%	2.6%	10.9%	8.3%	17.3%	39.1%	
Regular	1.3%	2.6%	0.0%	3.8%	1.3%	0.6%	1.3%	0.6%	3.8%	
No Contestó	0.6%	5.1%	0.0%	5.8%	1.9%	3.2%	0.6%	0.0%	5.8%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	
<b>Cambios en un futuro en la formación del egresado</b>										
Si	9.0%	43.6%	0.6%	53.2%	8.3%	11.5%	7.7%	25.6%	53.2%	
No	1.9%	39.1%	0.6%	41.7%	6.4%	12.2%	9.6%	13.5%	41.7%	
No Contestó	0.6%	4.5%	0.0%	5.1%	0.6%	3.2%	0.6%	0.6%	5.1%	
Total	11.5%	87.2%	1.3%	100.0%	15.4%	26.9%	17.9%	39.7%	100.0%	

Tamaño de la muestra: 156

Encuesta aplicada en el 2010 a empleadores del nivel medio superior

La suma total puede no coincidir por situación del redondeo