Canadian Architechtural Licensing Authorities

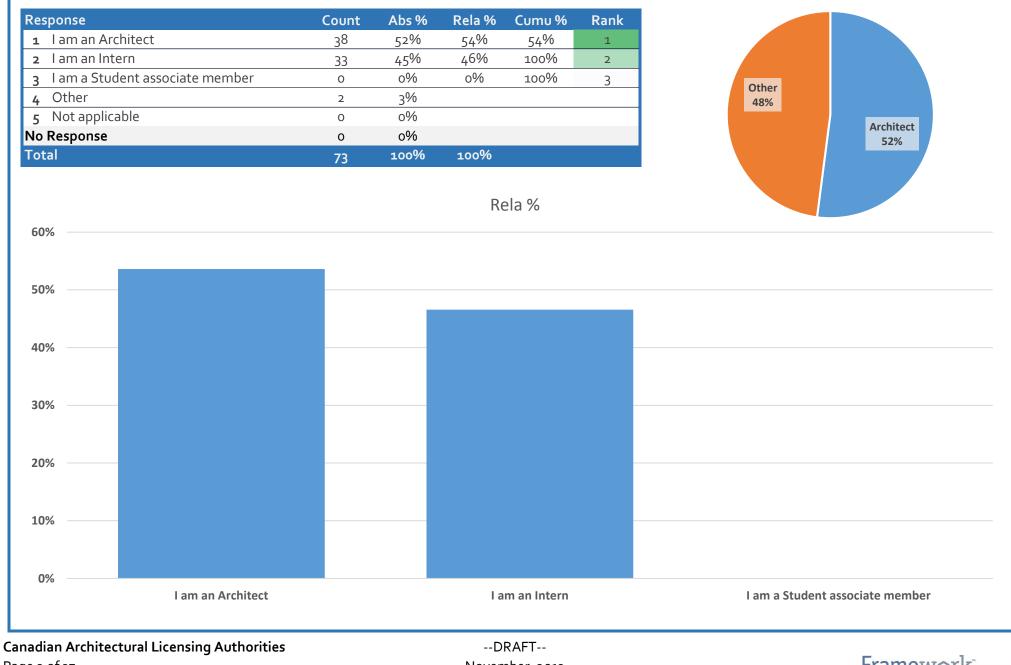
CALA 2013 Intern Survey, Provincial Segmentation: Manitoba

Prepared by Framework Partners Inc.

October, 2013

Framework

Please indicate which of the following best describe you:



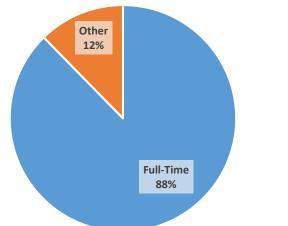
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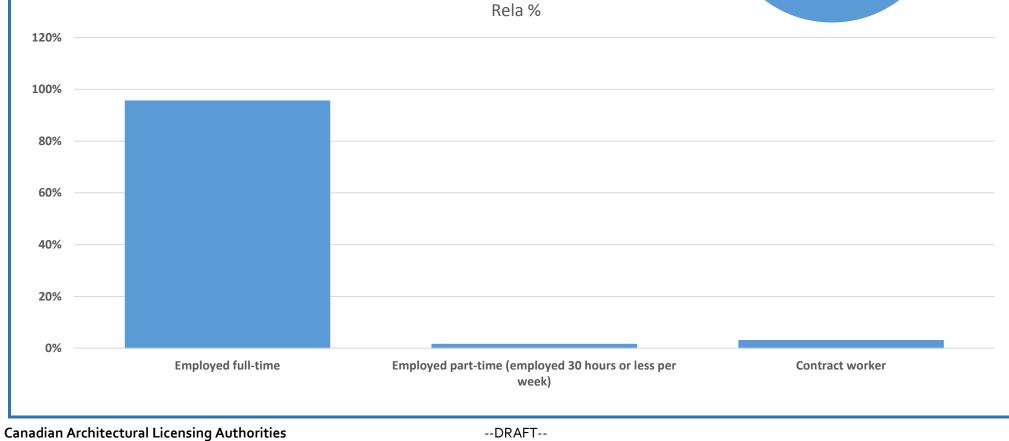
November, 2013



Please indicate your employment status.

Res	sponse	Count	Abs %	Rela %	Cumu %	Rank
1	Employed full-time	64	88%	96%	96%	1
2	Employed part-time (employed 30 hours or less per week)	1	1%	1%	97%	3
3	Contract worker	2	3%	3%	100%	2
4	Other (please specify):	6	8%			
5	Not applicable	0	0%			
No	Response	0	о%			
Tot	al	73	100%	100%		





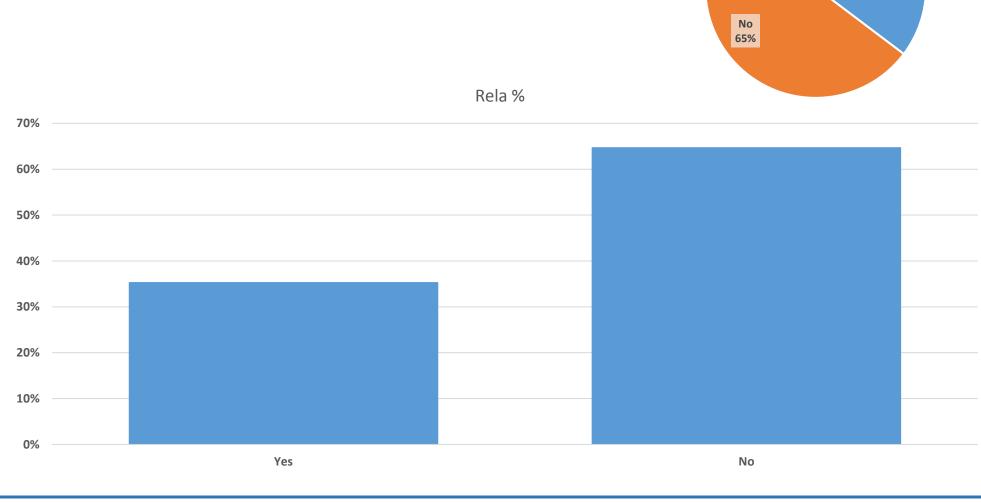
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November, 2013



Do you have a seal or stamp issued by a Provincial or Territorial architectural regulator?

Response	Count	Abs %	Rela %	Cumu %	Rank
1 Yes	24	33%	35%	35%	2
2 No	44	60%	65%	100%	1
3 Not applicable	5	7%			
No Response	0	0%			
Total	73	100%	100%		



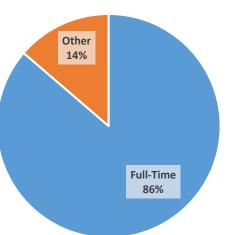
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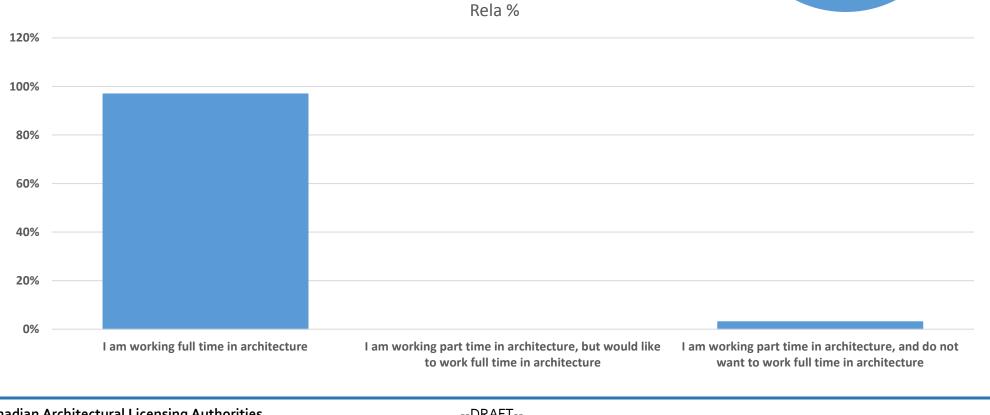


Yes 35%

Please indicate which of the following best describes your current employment situation:

Re	sponse	Count	Abs %	Rela %	Cumu %	Rank
1	I am working full time in architecture	63	86%	97%	97%	1
2	I am working part time in architecture, but would like to work full time in architecture	0	0%	0%	97%	3
3	I am working part time in architecture, and do not want to work full time in architecture	2	3%	3%	100%	2
4	Other (please specify):	8	11%			
5	Not applicable	0	0%			
No	Response	0	0%			
To	tal	73	100%	100%		



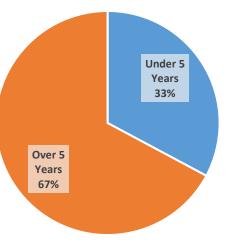


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Please indicate how long you have been working in architecture (please include time while working as a student and time working after graduation):

Response	Count	Abs %	Rela %	Cumu %	Rank
1 o years - I have just started working in architecture	0	0%	0%	о%	5
2 Less than 1 year	4	5%	6%	6%	4
3 1-2 years	5	7%	8%	14%	3
4 3 – 5 years	12	16%	19%	33%	2
5 More than 5 years	43	59%	67%	100%	1
6 Other (please specify):	8	11%			
7 Not applicable	1	1%			
No Response	0	о%			
Total	73	100%	100%		

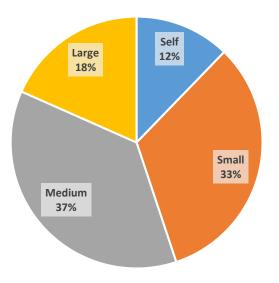


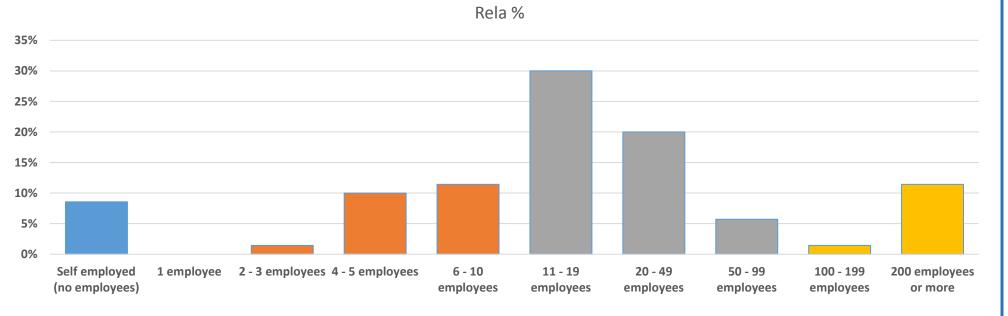
Rela % 80% 70% 60% 50% 40% 30% 20% 10% 0% More than 5 years 0 years - I have just started Less than 1 year 1 – 2 years 3 – 5 years working in architecture



How many individuals are employed at your organization in Canada? Please note that this includes principals, directors and employees, and all full time and part time team members.

Response	Count	Abs %	Rela %	Cumu %	Rank
 Self employed (no employees) 	6	8%	9%	9%	6
2 1 employee	0	0%	о%	9%	10
3 2 - 3 employees	1	1%	1%	10%	8
4 - 5 employees	7	10%	10%	20%	5
5 6 - 10 employees	8	11%	11%	31%	3
6 11 - 19 employees	21	29%	30%	61%	1
7 20 - 49 employees	14	19%	20%	81%	2
8 50 - 99 employees	4	5%	6%	87%	7
9 100 - 199 employees	1	1%	1%	89%	8
10 200 employees or more	8	11%	11%	100%	3
11 Not applicable	3	4%			
No Response	0	0%			
Total	73	100%	100%		



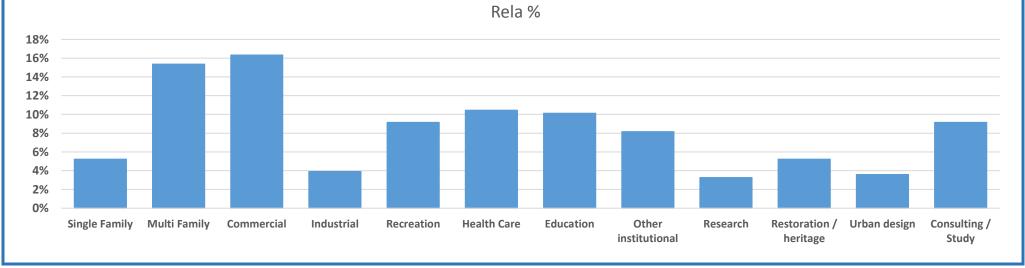


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Please indicate your current practice's primary types of work (please check all that apply):

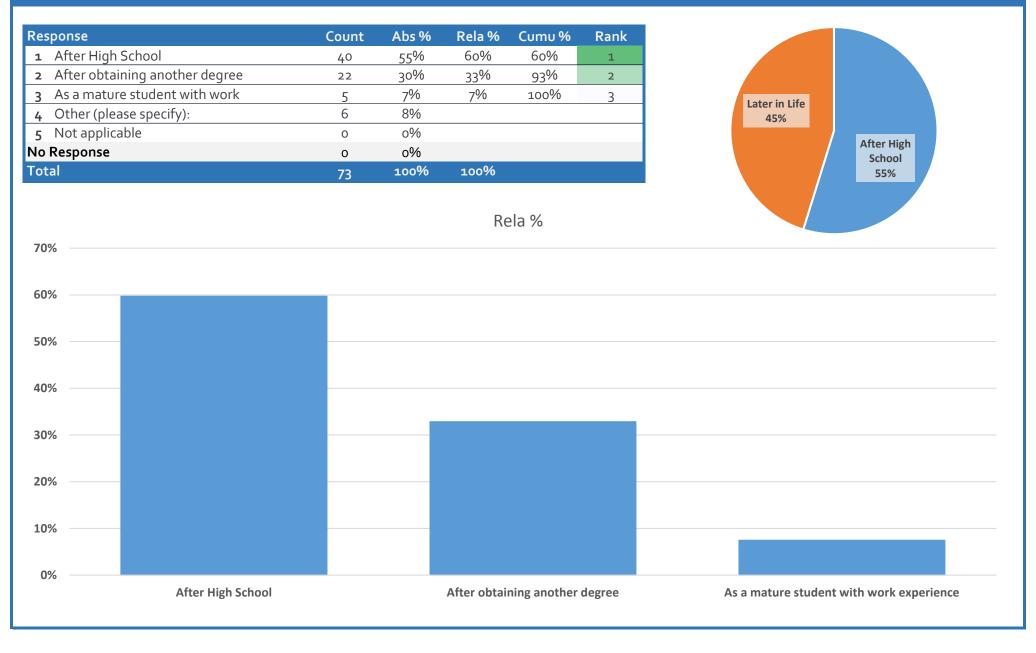
Response	Count	Abs %	Rela %	Cumu %	Rank
1 Residential single family housing	16	22%	5%	5%	8
2 Multiple family housing	47	64%	15%	21%	2
3 Commercial – office / retail	50	68%	16%	37%	1
4 Industrial	12	16%	4%	41%	10
5 Recreation	28	38%	9%	50%	5
6 Health care	32	44%	10%	60%	3
7 Education	31	42%	10%	71%	4
8 Other institutional (e.g., airports, prisons, churches, civic buildings)	25	34%	8%	79%	7
9 Research	10	14%	3%	82%	12
10 Restoration/heritage	16	22%	5%	87%	8
11 Urban design	11	15%	4%	91%	11
12 Consulting / Study	28	38%	9%	100%	5
13 Other (please specify):	5	7%			
14 I don't know / Not applicable	1	1%			
No Response	0	о%			
Total	73				



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Framework Partners Inc.

At what point did you enter into an Architectural degree program?

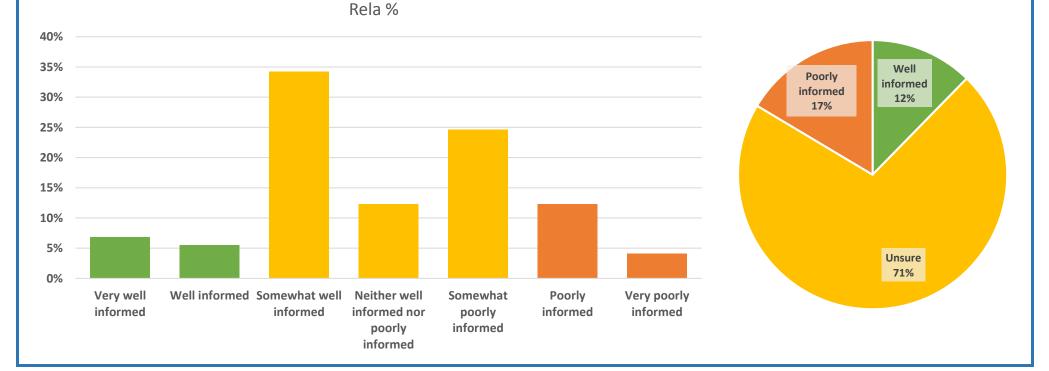




Prior to entering an Architectural degree program, how well do you feel that you were informed as to what an architect does or about the profession of architecture?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Statistics		
1 Very well informed	5	7%	7%	7%	5	Central Tend	Central Tendency	
2 Well informed	4	5%	5%	12%	6	Mean	4.0	
3 Somewhat well informed	25	34%	34%	47%	1	Median	4	
4 Neither well informed nor poorly informed	9	12%	12%	59%	3	Mode	3	
5 Somewhat poorly informed	18	25%	25%	84%	2	Variation		
6 Poorly informed	9	12%	12%	96%	3	Std. dev.	1.51	
7 Very poorly informed	3	4%	4%	100%	7	Performance	2	
8 I don't know / not applicable	0	0%				Score	51%	
No Response	o 0%					Top two	12%	
Total*	73	100%	100%					

*Those who answered "Not applicable" to the last question were not asked this question, thus the total respondents is lower.





What sources did you use to inform yourself about what an architect does or about the profession of architecture? Please check all that apply.

Response	Count	Abs %	Rela %	Cumu %	Rank
1 I visited architectural associations' website	17	28%	14%	14%	4
2 I spoke with architectural regulators	1	2%	1%	15%	6
3 I spoke to friends and family	34	56%	29%	44%	1
4 I spoke to architects	31	51%	26%	70%	2
5 I spoke to faculty at schools of architecture	15	25%	13%	82%	5
6 I spoke to other students in architecture.	21	34%	18%	100%	3
7 I don't know / Not applicable	1	2%			
8 Other (please specify):	8	13%			
No Response	0	о%			
Total*	61				

*Those who answered "Poorly informed" or "Very poorly informed" to the last question were not asked this question, thus the total respondents is lower.

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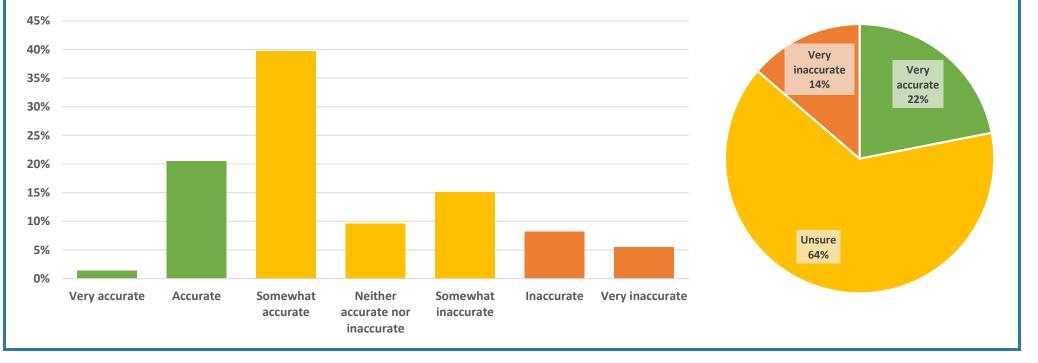
 2

Rela %

After entering the Architectural profession after graduation how accurate would say that your prior understanding of the profession was?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Statistics	
1 Very accurate	1	1%	1%	1%	7	Central Tendency	
2 Accurate	15	21%	21%	22%	2	Mean	3.6
3 Somewhat accurate	29	40%	40%	62%	1	Median	3
4 Neither accurate nor inaccurate	7	10%	10%	71%	4	Mode	3
5 Somewhat inaccurate	11	15%	15%	86%	3	Variation	
6 Inaccurate	6	8%	8%	95%	5	Std. dev.	1.48
7 Very inaccurate	4	5%	5%	100%	6	Performance	
8 I don't know / Not applicable	0	0%				Score	56%
No Response	0	0%				Top two 22%	
Total	73	100%	100%				

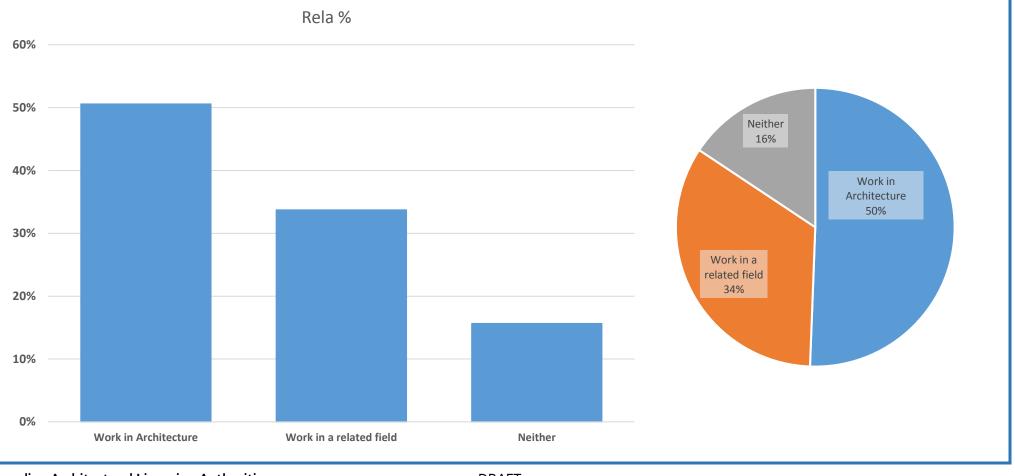
Rela %





While you were pursuing your professional degree did you... (please check all that apply)

Response	Count	Abs %	Rela %	Cumu %	Rank
1 Work in Architecture	42	58%	51%	51%	1
2 Work in a related field	28	38%	34%	84%	2
3 Neither	13	18%	16%	100%	3
4 Other (please specify):	7	10%			
No Response	0	٥%			
Total	73				



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How effective was your previous work experience in helping your transition from school to architectural employment?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Statistics		
1 Very effective	19	32%	32%	32%	1	Central Tendency		
2 Effective	19	32%	32%	64%	1	Mean	2.2	
3 Somewhat effective	17	28%	29%	93%	3	Median	2	
4 Neither effective nor ineffective	3	5%	5%	98%	4	Mode	1	
5 Somewhat ineffective	0	0%	0%	98%	6	Variation		
6 Ineffective	0	0%	0%	98%	6	Std. dev.	1.10	
7 Very ineffective	1	2%	2%	100%	5	Performance	e	
8 I don't know / Not applicable	1	2%				Score	81%	
No Response	0	0%				Top two	Toptwo 64%	
Total*	60	100%	100%					

*Those who answered "Neither" in previous question were not asked this question, thus the total respondents is lower.

Rela %

35% Very 30% ineffective 2% 25% Unsure 34% 20% 15% Very 10% effective 64% 5% 0% Very effective Ineffective Very ineffective Somewhat Effective Neither Somewhat effective effective nor ineffective ineffective



How difficult was it to find employment while pursuing your education?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Sta	atistics
1 Very difficult	7	10%	11%	11%	5	Central Tend	dency
2 Difficult	13	18%	20%	31%	2	Mean	3.6
3 Somewhat difficult	17	23%	26%	57%	1	Median	3
4 Neither difficult nor easy	8	11%	12%	69%	4	Mode	3
5 Somewhat easy	5	7%	8%	77%	6	Variation	
6 Easy	12	16%	18%	95%	3	Std. dev.	1.76
7 Very easy	3	4%	5%	100%	7	Performance	e
8 I was not interested in working while going to school	6	8%				Score	57%
9 I don't know / Not applicable	2	3%				Top two	31%
No Response	0	0%					
Total	73	100%	100%				

Rela %



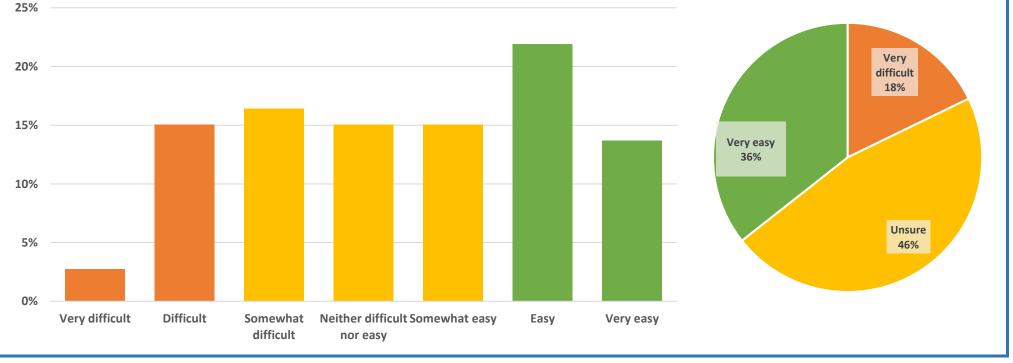
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How difficult was it for you to find employment once you graduated?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Sta	tistics
 Very difficult 	2	3%	3%	3%	7	Central Tenc	lency
2 Difficult	11	15%	15%	18%	3	Mean	4.5
3 Somewhat difficult	12	16%	16%	34%	2	Median	5
4 Neither difficult nor easy	11	15%	15%	49%	3	Mode	6
5 Somewhat easy	11	15%	15%	64%	3	Variation	
6 Easy	16	22%	22%	86%	1	Std. dev.	1.75
7 Very easy	10	14%	14%	100%	6	Performance	e
8 I don't know / Not applicable	0	0%				Score	42%
No Response	0	0%				Top two	18%
Total	73	100%	100%				

Rela %



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Please indicate how strongly you agree or disagree with each of the following statements:

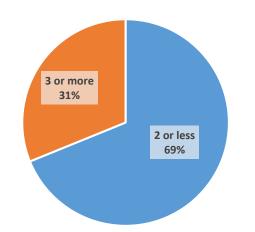
esponse	Mean	Median	Mode	St.dev	Score	Top Two	Rank
I had to search for employment outside the province or territory where I live	5.1	6	6	1.99	31%	16%	2
I had to search for employment outside the province or territory where I attended a School of Architecture	4.9	6	6	1.99	36%	23%	1
I considered a post graduate degree in another field or related field because of difficulty finding employment	5.5	6	7	2.03	24%	12%	4
I considered searching for a job in another field or related field because of difficulty finding employment. (for example working for a developer, or in real-estate marketing)	5.1	6	7	1.99	32%	15%	3
Тор Тwo							
5%							
0%							
5%							
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5%				_			_
0% I had to search for employment outside the I had to search for employment outside the I considered province or territory where I live province or territory where I attended a School field or I of Architecture	d a post gradu related field b finding emp	ecause of dif	ficulty	field or rela nding emplo	ated field bo yment. (for	for a job in ar ecause of diff r example wo -estate marke	iculty rking fo

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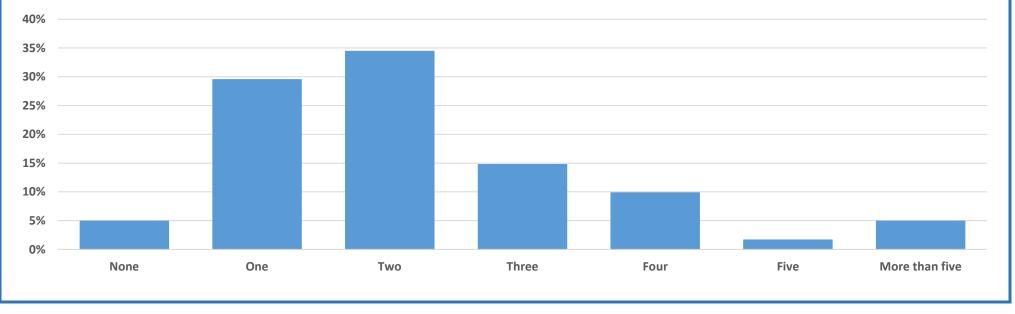
Framework Partners Inc.

How many employment positions in architectural practices or other acceptable employment settings under the IAP did you hold prior to licensure?

Response	Count	Abs %	Rela %	Cumu %	Rank
1 None	3	4%	5%	5%	5
2 One	18	25%	30%	34%	2
3 Two	21	29%	34%	69%	1
4 Three	9	12%	15%	84%	3
5 Four	6	8%	10%	93%	4
6 Five	1	1%	2%	95%	7
7 More than five	3	4%	5%	100%	5
8 I don't know / not applicable	12	16%			
No Response	0	о%			
Total	73	100%	100%		

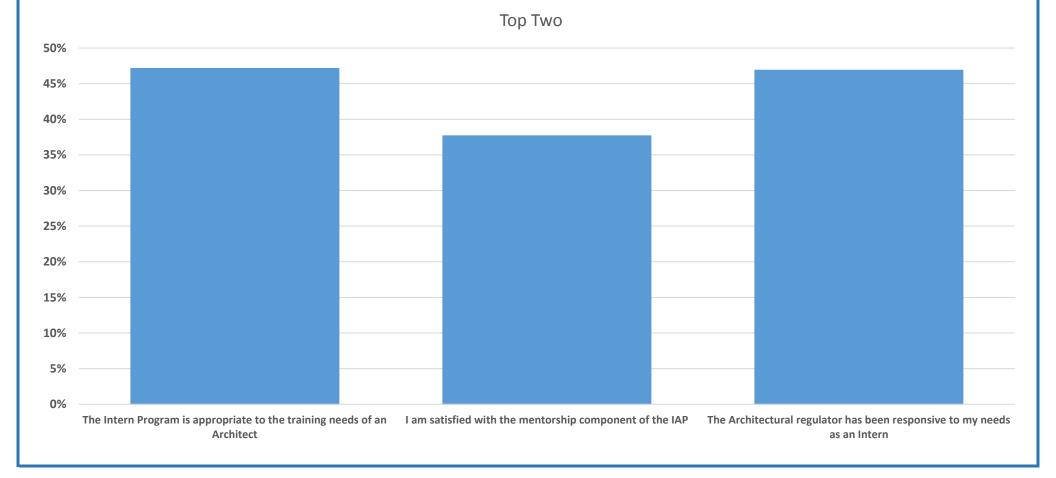


Rela %



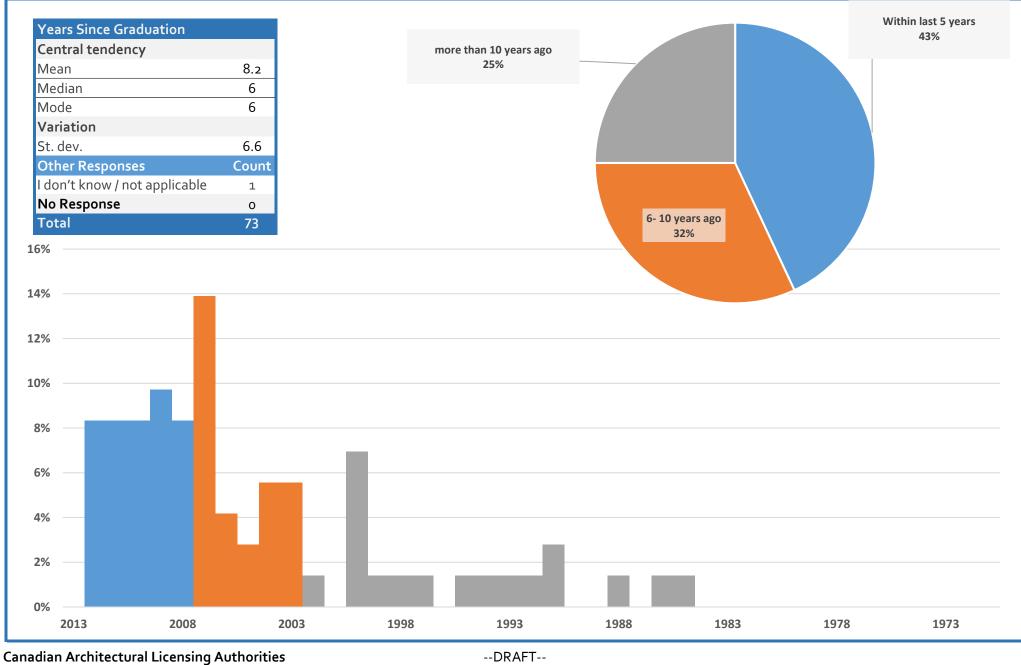
Please indicate how strongly you agree or disagree with each of the following statements:

F	Response	Mean	Median	Mode	St.dev	Score	Top Two	Rank
	1 The Intern Program is appropriate to the training needs of an Architect	2.9	3	2	1.38	69%	47%	1
	2 I am satisfied with the mentorship component of the IAP	3.5	3	2	1.55	58%	38%	3
	3 The Architectural regulator has been responsive to my needs as an Intern	3.2	3	2	1.48	64%	47%	2
		3.5 3.2	3	2	1.55 1.48	5		





Please tell us what year you graduated from an Architecture degree program.

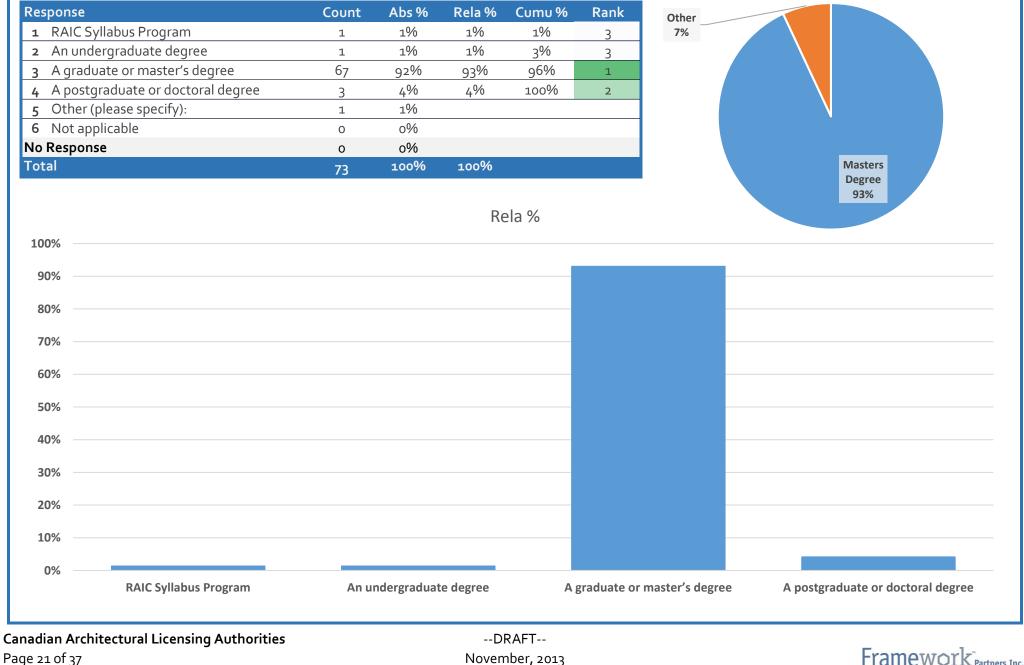


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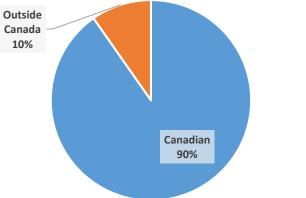
What is the highest professional degree in architecture you have obtained?



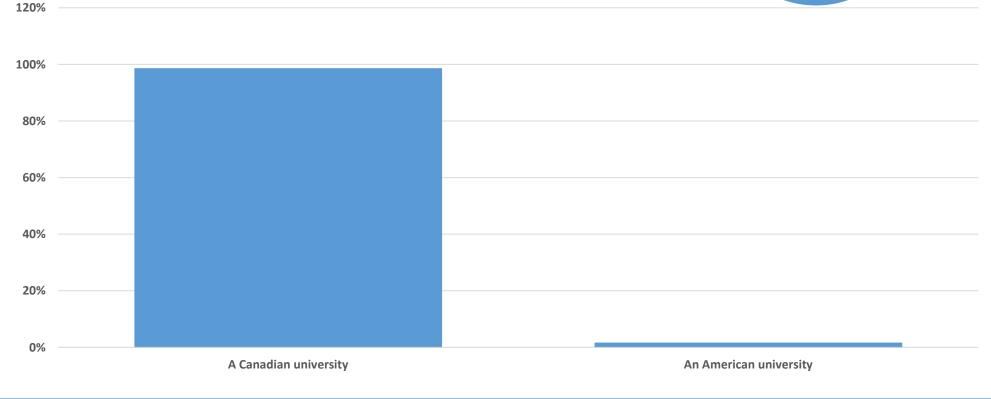
November, 2013

Where is your architecture degree from?

Res	sponse	Count	Abs %	Rela %	Cumu %	Rank
1	A Canadian university	65	90%	98%	98%	1
2	An American university	1	1%	2%	100%	2
3	Other (please specify):	6	8%			
4	Not applicable	0	о%			
No	Response	0	о%			
Tot	al	72	100%	100%		
	ose who responded that responded RAIC syllabus pro	gram in the pr	evious questio	on were not a	sked this quest	ion,



thus the total respondents is lower. Rela %

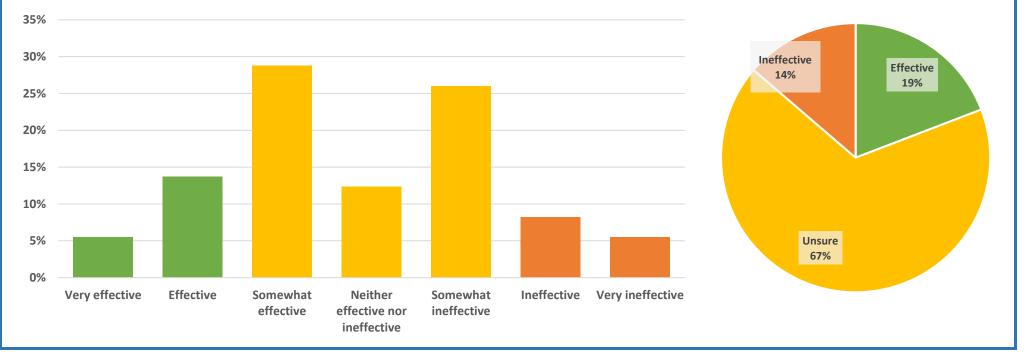




How effective was your education in preparing you for entry into the profession as an intern?

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Sta	tistics
1 Very effective	4	5%	5%	5%	6	Central Tend	ency
2 Effective	10	14%	14%	19%	3	Mean	3.9
3 Somewhat effective	21	29%	29%	48%	1	Median	4
4 Neither effective nor ineffective	9	12%	12%	60%	4	Mode	3
5 Somewhat ineffective	19	26%	26%	86%	2	Variation	
6 Ineffective	6	8%	8%	95%	5	Std. dev.	1.55
7 Very ineffective	4	5%	5%	100%	6	Performance	
8 I don't know / Not applicable	0	0%				Score	52%
No Response	0	0%				Top two	19%
Total	73	100%	100%				

Rela %

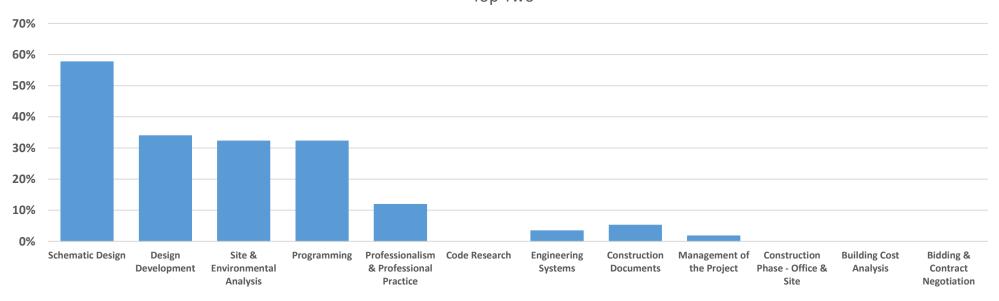




Please indicate how well or poorly your education prepared you for entry into the profession as an intern in each of the following content areas?

Response*	Mean	Median	Mode	St.dev	Score	Тор Тwo	Rank
1 Schematic Design	2.4	2	2	1.00	77%	58%	1
2 Design Development	3.3	3	3	3.21	62%	34%	2
3 Site & Environmental Analysis	3.3	3	3	3.21	62%	32%	3
4 Programming	3.4	3	3	3.15	60%	32%	3
5 Professionalism & Professional Practice	4.6	4	3	2.13	40%	12%	5
6 Code Research	6.3	7	7	1.32	11%	0%	9
7 Engineering Systems	5.2	6	6	1.68	30%	3%	7
8 Construction Documents	5.5	6	7	1.53	25%	5%	6
9 Management of the Project	6.3	7	7	1.33	12%	2%	8
10 Construction Phase - Office & Site	6.4	7	7	1.34	10%	0%	9
11 Building Cost Analysis	6.5	7	7	1.34	9%	0%	9
12 Bidding & Contract Negotiation	6.5	7	7	1.36	8%	0%	9

*Respondents who answered "Very effective", "Effective", or "Not applicable / I do not know" to the previous question were not ansked this question.

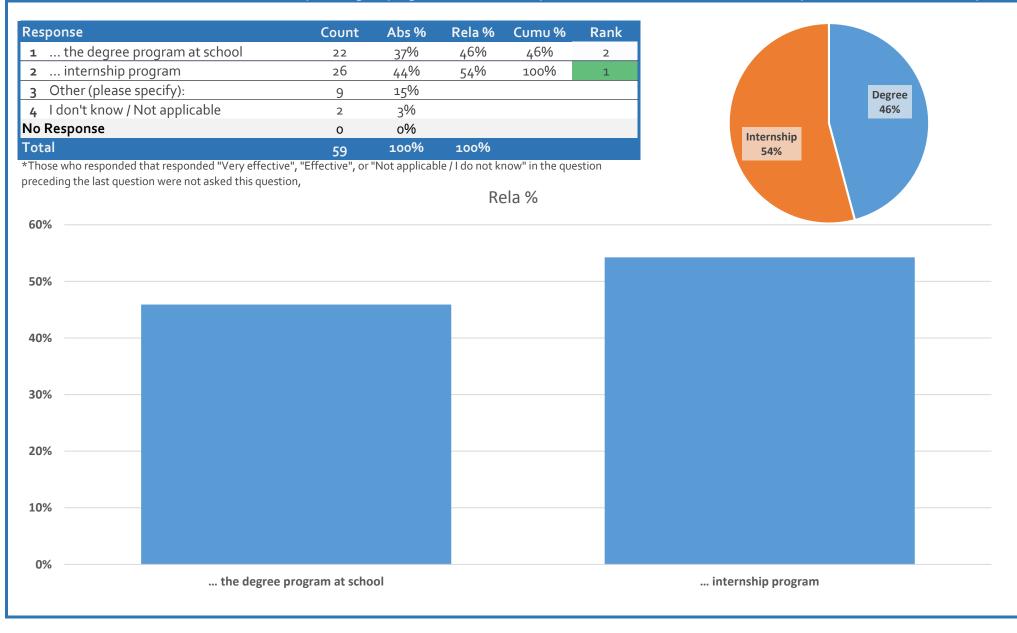


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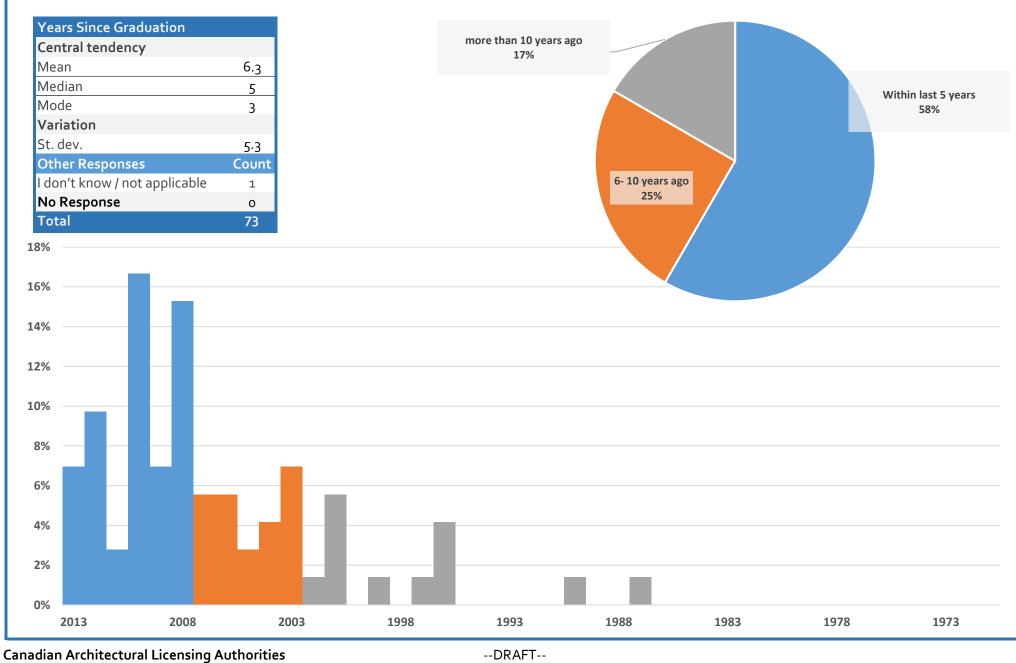


With respect to the content areas above where you indicated your education poorly prepared you for entry into the profession as an intern, please indicate whether these areas would be better covered by the degree program or whether they should be covered somewhere else. They would be better covered by ...





Please tell us what year you became an Intern:



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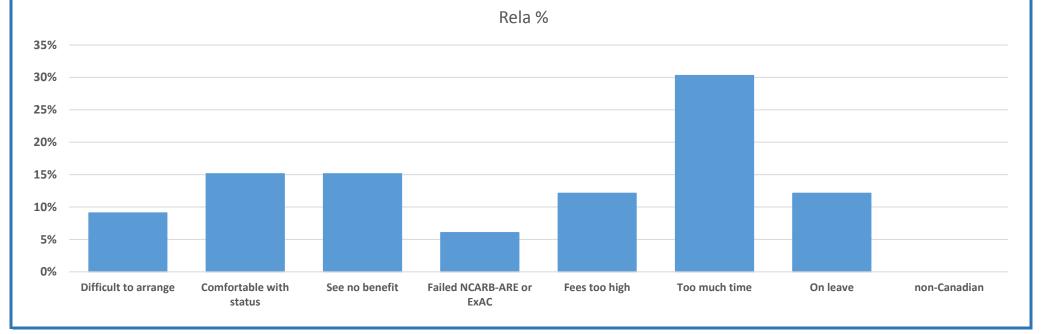
November, 2013

Framework Partners Inc.

You have indicated that you have been an intern for more than three years, please help us better understand your situation. Is the reason that you are not yet licensed as an architect ... (please check all that apply).

Response	Count	Abs %	Rela %	Cumu %	Rank
 Difficult to arrange for work in required categories 	3	6%	9%	9%	6
2 I am comfortable with my current status	5	11%	15%	24%	2
3 I think there is no measureable benefit in becoming licensed	5	11%	15%	39%	2
4 Failed NCARB-ARE or ExAC	2	4%	6%	45%	7
5 Couldn't afford NCARB- ARE or ExAC fees	4	9%	12%	58%	4
6 Process takes/took too much time	10	21%	30%	88%	1
7 Family leave, maternity leave, parental leave or other personal leave	4	9%	12%	100%	4
8 Difficult to get credit for non-Canadian experience	0	0%	0%	100%	8
9 Other (please specify):	19	40%			
10 Not applicable / I am licensed as an architect	24	51%			
No Response	0	о%			
Total*	47				

*Those who became an intern after 2009 were not asked this question, thus total respondents is lower.



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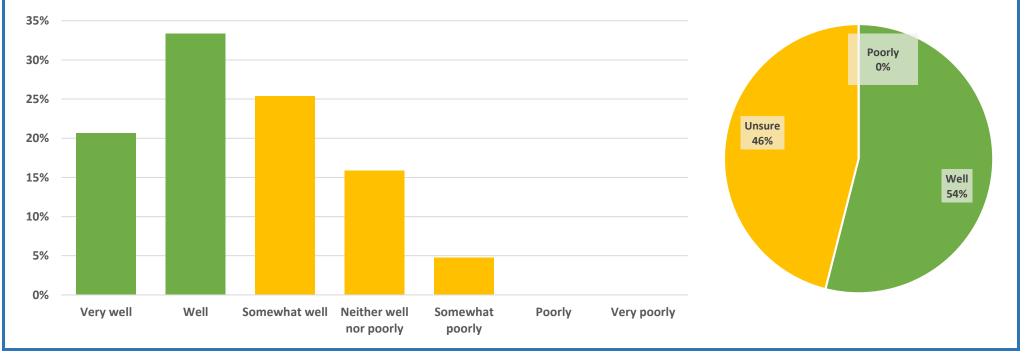
Please indicate how strongly you agree or disagree with each of the following statements:

	onse	Mean	Median	Mode	St.dev	Score	Top Two	Rank
(My current or most recent employer has been supportive of my efforts to log the hours necessary to complete my internship	1.7	2	2	0.85	88%	95%	1
	feel that I have been given the correct duties and responsibilities that I need to complete my nternship	2.1	2	2	0.95	82%	78%	3
3	My contributions are valued by my employer	1.8	2	2	0.80	86%	84%	2
۱ _۲	am fairly compensated by my employer	3.0	3	2	1.42	67%	45%	4
	Тор Тwo							
1009	%							
909	%							
809	%							
709	%							
609	%							
509	%							
409	%							
309	%							
209	%							
109	%							
09	%							
	My current or most recent employer has been I feel that I have been given the correct duties My contribu supportive of my efforts to log the hours and responsibilities that I need to complete necessary to complete my internship my internship	tions are va	alued by my e	mployer	I am fairly (compensate	ed by my emp	bloyer

Please indicate how well or poorly your internship prepared you for practice.

Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Sta	tistics
1 Very well	13	18%	21%	21%	3	Central Tend	dency
2 Well	21	29%	33%	54%	1	Mean	2.5
3 Somewhat well	16	22%	25%	79%	2	Median	2
4 Neither well nor poorly	10	14%	16%	95%	4	Mode	2
5 Somewhat poorly	3	4%	5%	100%	5	Variation	
6 Poorly	0	0%	0%	100%	6	Std. dev.	1.13
7 Very poorly	0	0%	0%	100%	6	Performance	e
8 I don't know / Not applicable	10	14%				Score	75%
No Response	0	0%				Top two	54%
Total	73	100%	100%				

Rela %

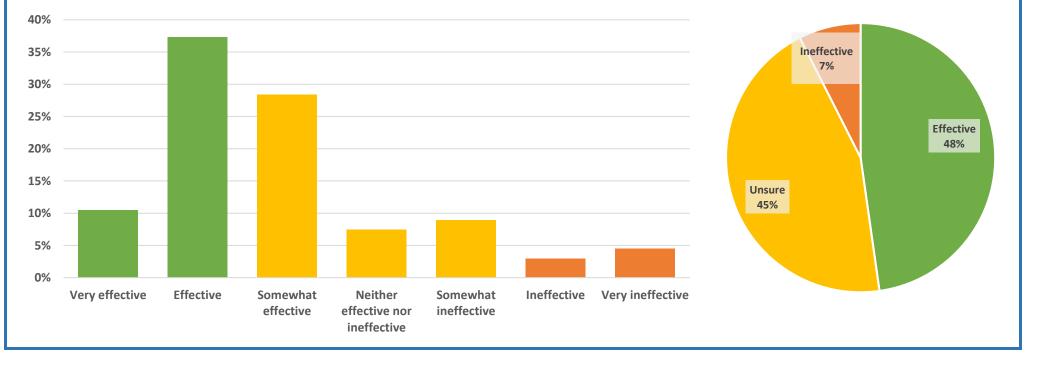




How effective was the information provided by your Regulator, with respect to the Internship in Architecture Program?

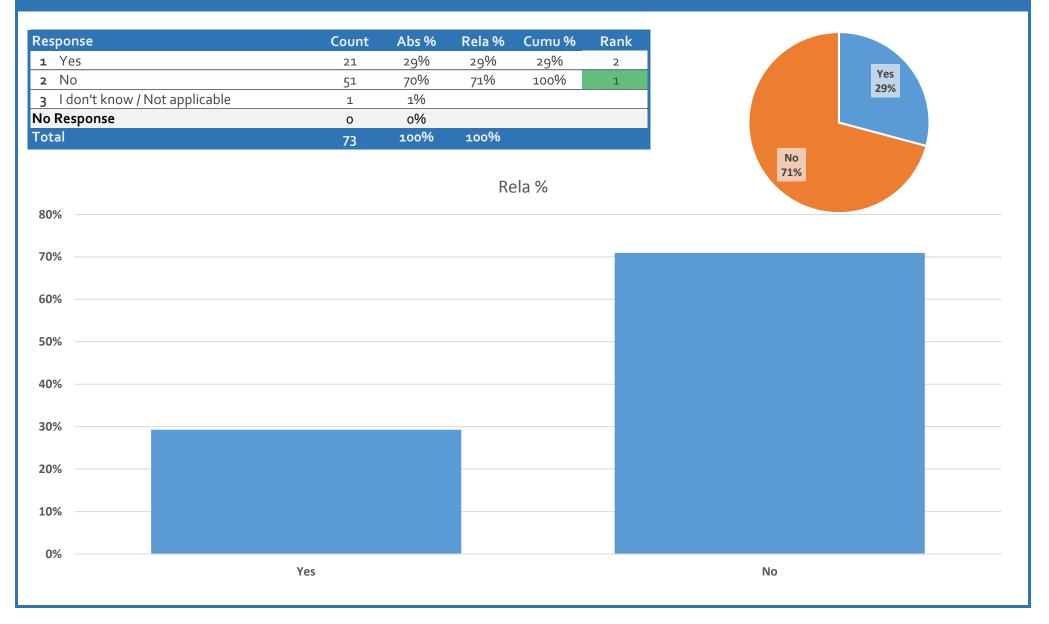
Response	Count	Abs %	Rela %	Cumu %	Rank	Selected Sta	tistics
1 Very effective	7	10%	10%	10%	3	Central Tend	lency
2 Effective	25	34%	37%	48%	1	Mean	2.9
3 Somewhat effective	19	26%	28%	76%	2	Median	3
4 Neither effective nor ineffective	5	7%	7%	84%	5	Mode	2
5 Somewhat ineffective	6	8%	9%	93%	4	Variation	
6 Ineffective	2	3%	3%	96%	7	Std. dev.	1.49
7 Very ineffective	3	4%	4%	100%	6	Performance	9
8 I don't know / Not applicable	6	8%				Score	68%
No Response	0	0%				Top two	48%
Total	73	100%	100%				

Rela %



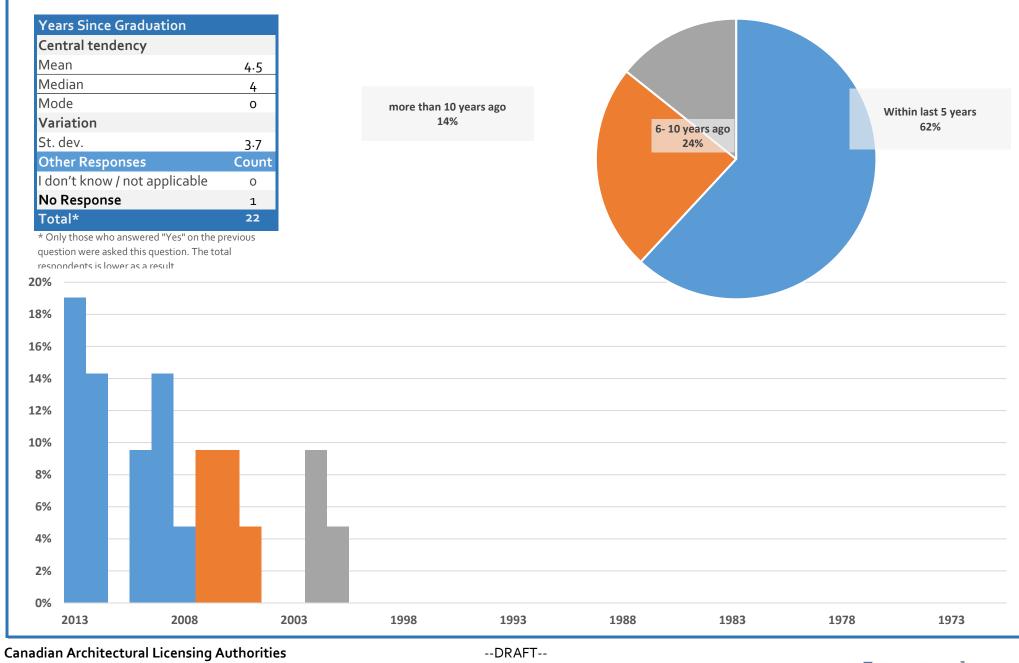


Have you taken any ARE exams?





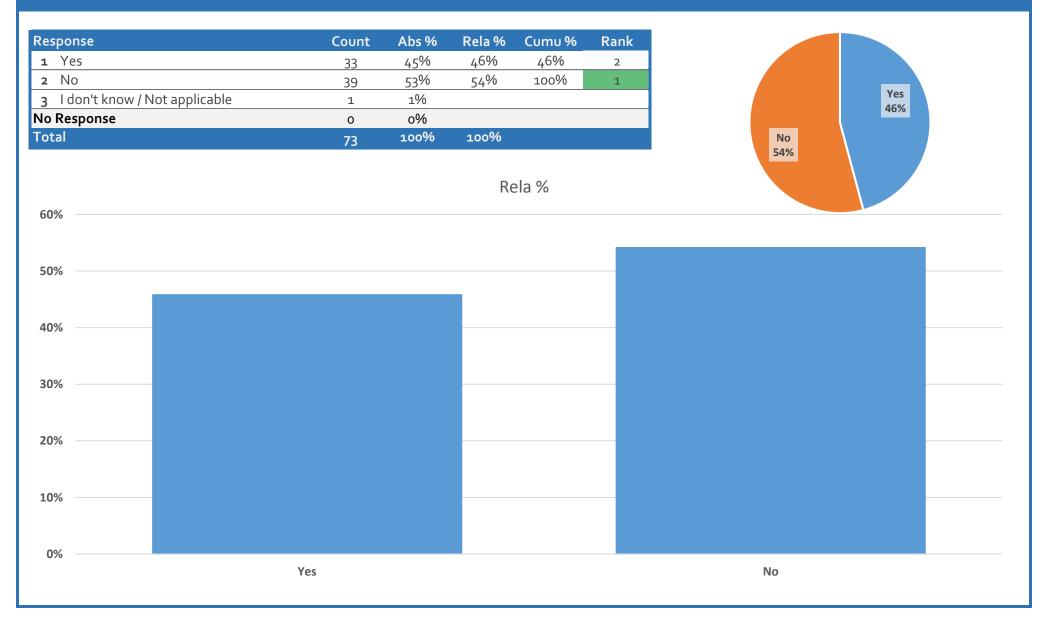
Please tell us what year you took your most recent ARE exam.



November, 2013



Have you taken the ExAC exams?

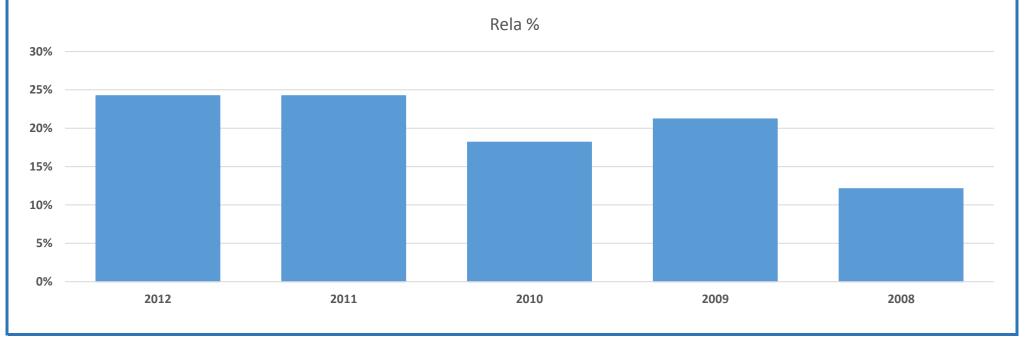




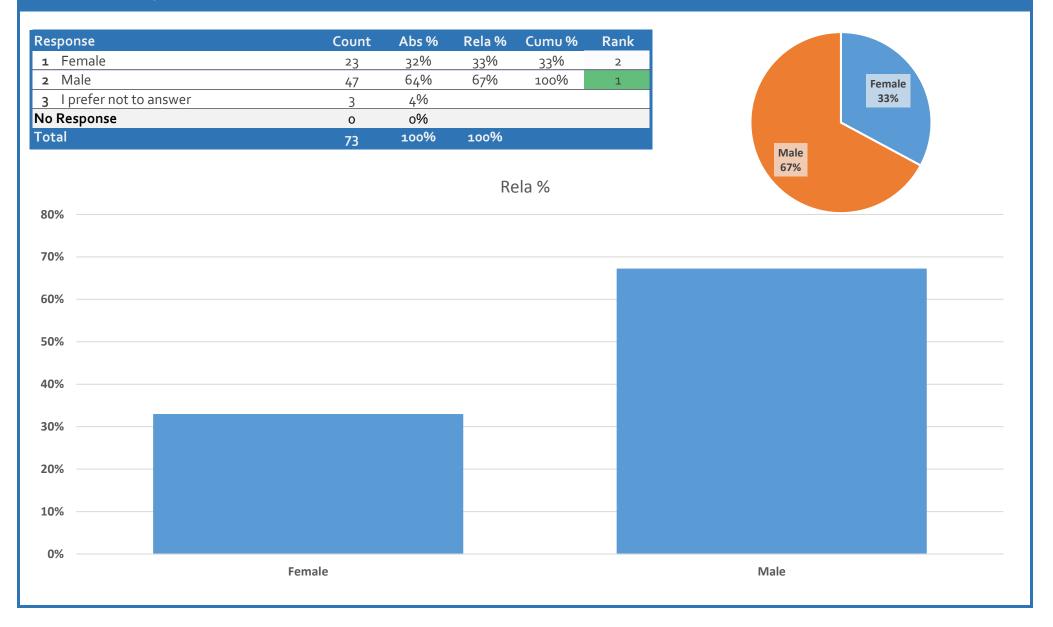
Please tell us what year you took your most recent ExAC exam.

Response	Count	Abs %	Rela %	Cumu %	Rank
1 2012	8	24%	24%	24%	1
2 2011	8	24%	24%	48%	1
3 2010	6	18%	18%	67%	4
4 2009	7	21%	21%	88%	3
5 2008	4	12%	12%	100%	5
6 I don't know / not applicable	0	0%			
No Response	1	3%			
Total*	34	100%	100%		

* Only those who answered "Yes" on the previous question were asked this question. The total respondents is lower as a result.



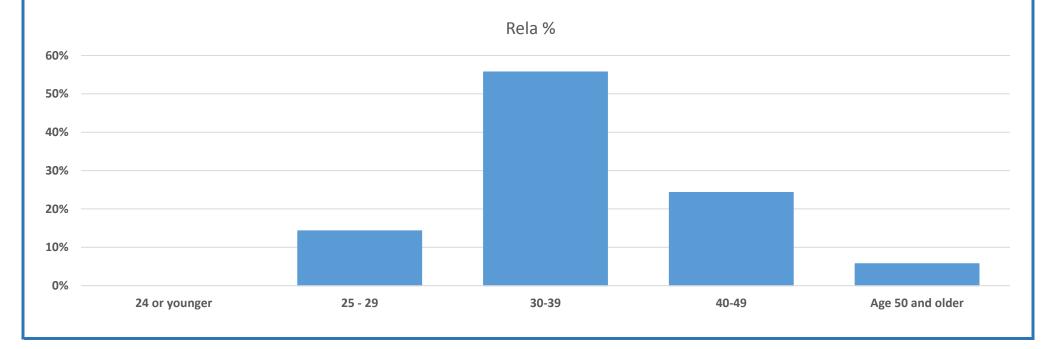
Please indicate your gender:





Please indicate your age:

Response	Count	Abs %	Rela %	Cumu %	Rank
1 24 or younger	0	0%	о%	0%	5
2 25 - 29	10	14%	14%	14%	3
3 30-39	39	53%	56%	70%	1
4 40-49	17	23%	24%	94%	2
5 Age 50 and older	4	5%	6%	100%	4
6 I prefer not to answer	3	4%			
No Response	0	0%			
Total	73	100%	100%		





Top 25 Respondent Locations

Location	Count	Abs %	Rela %	Cumu %	o%
1 Winnipeg	71	97%	100%	100%	
Other	0	о%			
Unusable	2	3%			
No Response	0	0%			
Total	73	100%	100%	100%	

