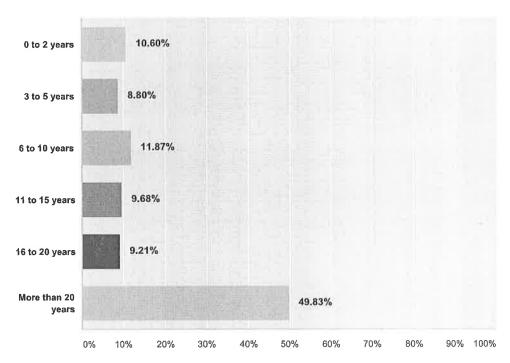
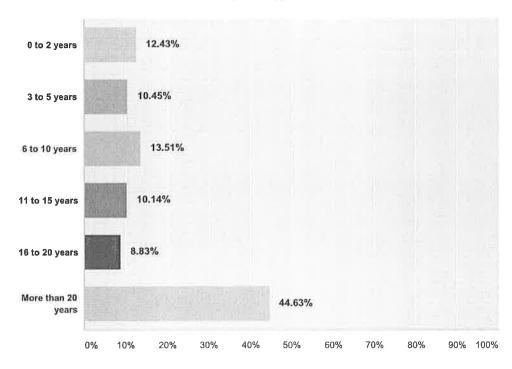
Q1 How many years have you been licensed as a professional engineer in any jurisdiction?



nswer Choices	Responses	
0 to 2 years	10.60%	412
3 to 5 years	8.80%	342
6 to 10 years	11.87%	461
11 to 15 years	9.68%	376
16 to 20 years	9.21%	358
More than 20 years	49.83%	1,936
otal		3,885

Q2 How many years have you been licensed by PEO?



swer Choices	Responses	
0 to 2 years	12.43%	483
3 to 5 years	10,45%	406
6 to 10 years	13.51%	525
11 to 15 years	10.14%	394
16 to 20 years	8.83%	343
More than 20 years	44.63%	1,734
tal		3,885

Q3 What other professional association(s) do you belong to (separate by commas, or leave blank if none)?

Answered: 1,533 Skipped: 2,352

Q3. What other professional association(s) do you belong to (separate by commas, or leave blank if none)?

There were **1533** respondents. Associations are ranked by occurrence in descending order. Many respondents listed more than one association.

Association	Occurrences
Ontario Society of Professional Engineers	218
Project Management Institute	204
Association of Professional Engineers and Geoscientists of Alberta	165
Institute of Electrical and Electronics Engineers	112
Ordre des ingénieurs du Québec	108
Association of Professional Engineers and Geoscientists of British Columbia	86
Association of Professional Engineers and Geoscientists of Saskatchewan	84
American Society of Mechanical Engineers	58
Association of Professional Engineers and Geoscientists of Manitoba	57
American Society of Heating, Refrigerating, and Air-Conditioning Engineers	36
Professional Engineers & Geoscientists of Newfoundland & Labrador	36
Society of Automotive Engineers	22
Institute of Transportation Engineers	21
Canadian Society for Civil Engineers	20
Institute of Engineering and Technology UK	18
Ontario Association of Certified Engineering Technicians and Technologists	17
American Society for Quality	16
Northwest Territories and Nunavut Association of Professional Engineers and	16
Geoscientists	
American Water Works Association	15
Canadian Institute of Management	15
Municipal Engineers Association	13
Society for Mining, Metallurgy, & Exploration	13
Society of Mining Engineers	13
Pakistan Engineering Council	12
Canadian Institute of Mining, Metallurgy and Petroleum	11
Society of Fire Protection Engineers	11
American Society of Civil Engineers	10
Canada Green Building Council	10
Chartered Professional Accountants Ontario	10
Association of Energy Engineers	9
Michigan Professional Engineers	9
Ontario College of Teachers	9
Law Society of Upper Canada	8
Canadian Geotechnical Society	7
Canadian Nuclear Society	7
Consulting Engineers Ontario	6
Institution of Chemical Engineers	6
Ontario Building Officials Association	6
Ontario Public Works Association	6
American Public Works Association	5
American Welding Society	5
Board of Canadian Registered Safety Professionals	5
Canadian Geotechnical Society	5
Canadian Professional Sales Association	5

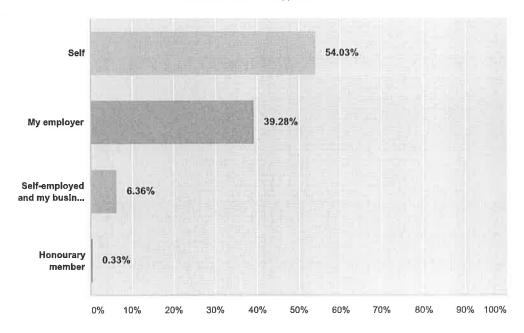
Institute of Industrial Engineers	5
Leadership in Energy and Environmental Design	5
APICS	4
Association of Professional Engineers of Yukon	4
Certified Management Consultants	4
Society of Reliability Engineers	4
Technical Standards & Safety Authority	4
Technical Standards and Safety Authority	4
AACE International	3
ADR Institute	3
Air & Waste Management Association	3
American Institute of Aeronautics and Astronautics	3
American Institute of Steel Construction	3
Association of Consulting Engineering Companies	3
Australian Institute of Engineers	3
Canadian Academy of Engineering	3
Canadian Military Engineers Association	3
Canadian Society for Chemical Engineering	3
CSA Group	3
Institute of Engineers, Bangladesh	3
Institution of Civil Engineers	3
Institution of Structural Engineers	3
International Information System Security Certification Consortium	3
Master Builders Association	3
National Fire Protection Association	3
Ontario Association of Architects	3
Ontario Water Works Association	3
Society of Manufacturing Engineers	3
Society of Women Engineers	3
Texas Board of Professional Engineers	3
ARMA International	2
	2
Association of Ontario Land Surveyors	2
ASTM International	2
Board of Certification of Professional Ergonomists	2
Building Owners and Managers Association	2
California Society of Professional Engineers	2
Canadian Association of Heritage Professionals	
Canadian Association of Physicists	2
Canadian Concrete Pipe And Precast Association	2
Canadian Dam Association	2
Canadian Engineering Education Association	2
Canadian Institute of Quantity Surveyors	2
Canadian Society of Professional Engineers	2
Canadian Space & Aeronautics Institute (ASI)	2
Canadian Water Resources Association	2
Chartered Engineering Council UK	2
Chemical Institute of Canada	2
Engineers Ireland	2
Engineers Nova Scotia	2
Human Factors and Ergonomics Society	2
Information Systems Audit and Control Association	2
Institution of Professional Engineers New Zealand	2
Intelligent Transportation Systems Canada	2

International Commission on Large Dams	2
International Council on Systems Engineering	2
International Society for Automation	2
NACE International	2
National Society of Professional Engineers	2
Ontario Building Envelope Council	2
Ontario College of Trades	2
Ontario Professional Planners Institute	2
Ontario Professional Planners Institute Ontario Secondary School Teachers Federation	2
	2
Royal Aeronautical Society	2
Royal Statistical Society The Institute of Meterials Minerals and Mining	2
The Institute of Materials, Minerals and Mining	2
Water Environment Association Ontario	1
Acoustical Society of America	
American Association of Physicists in Medicine	1
American Board of Industrial Hygiene	1
American Petroleum Institute	1
American Railway Engineering and Maintenance-of-Way Association	1
American Society for Engineering Education	1
American Society of Agricultural and Biological Engineers	1
Association for Environmental Health and Sciences	11
Association for Iron & Steel Technology	1
Association of Canadian Ergonomists	1
Association of Canadian Ergonomists	1
Association of Financial Agents and Advisers	1
Association of Municipal Managers, Clerks and Treasurers of Ontario	1
Association of Old Crows	1
Association of Professional Engineers of Trinidad & Tobago	1
Auditing Association of Canada	11
BICSI	1
Board of Engineers of Trinidad & Tobago	1
Canadian Acoustical Association	1
Canadian Association of Municipal Administrators	1
Canadian Fire Alarm Association	11
Canadian Institute of Forestry	1
Canadian Library Association	1
Canadian Logistics Institute	1
Canadian Meteorological and Oceanographic Society	11
Canadian Precast / Prestressed Concrete Institute	1
Canadian Radiation Protection Association	1
Canadian Registration Board of Occupational Hygienists	1
Canadian Ski Instructors' Alliance	1
Canadian Society for Biological Engineering	1
Canadian Welding Association	11
Certified Construction Contracts Administrator	1
Citizenship and Immigration Canada	1
Coaches of Canada	1
College of Canadian Certified Ergonomists	1
College of Canadian Certified Ergonomists	1
Computer Measurement Group - Canada	1
Council for Continuing Pharmaceutical Education	1
Council on Environmental Quality	1
CREA-BA	1
ONLATIA	

Crea-SP	1
Danish Engineering Society	11
Disaster Recovery Institute	11
ECSA South Africa	11
Egyptian Association of Professional Engineers	1
Electrical Contractor Registration Agency	11
Electrical Safety Authority	1
Engineering Institute of Canada	1
Engineering Syndicate	1
Engineers & Geoscientists New Brunswick	1
Engineers Prince Edward Island	11
Federal National Superannuates Association	1
German Wastewater Engineers	1
Heating, Refrigeration and Air Conditioning Institute of Canada	1
Home Builders Association	1
Human Factors Engineering Society	1
Illuminating Engineering Society	1
Institute of Acoustics	1
Institute of Corporate Directors	1
Institute of Integrated Electrical Engineers, Philippines	1
Institute of Noise Control Engineers	1
Institute of Production Engineers	1
International Association of Business Communicators	1
International Association of Electrical Inspectors	1
International Association of Mapua Alumni	1
International Building Performance Simulation Association	1
International City/County Management Association	1
International Facility Management Association	1
International Institute of Minerals Appraisers	1
International Society for Automation	1
International Society for Ecological Economics	1
Israeli Association of Engineers	1
Korean Construction Association	1
LSP Association	1
Member of Institute of Marine Engineering, Science & Technology	1
National Association of Elevator Safety Authorities International	1
National Board of Professional Engineering - COPNIA	1
Natural Resources Canada	1
New Jersey Site Remediation Professional Licensing Board	1
North American Die Casting Association	1
	1
North American Die Casting Association	1
Ohio Society of Professional Engineers	
Ontario Federation of Anglers and Hunters Ontario Municipal Administratora' Association	1
Ontario Municipal Administrators' Association	
Precast Concrete Institute	1
Professional Engineers and Architects Panama	1
Professional Engineers Government of Ontario	1
Professional Engineers Iran	1
Professional Home and Property Inspectors of Canada	1
Professional Institute of the Public Service of Canada	1
Prospectors & Developers Association of Canada	1
Pulp and Paper Technical Association of Canada	1
Registered Insurance Brokers of Ontario	11

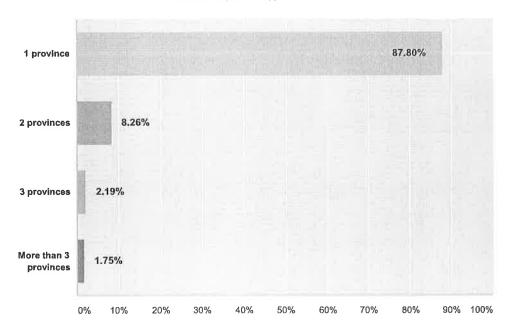
Regulatory Affairs Professional Society	1
Risk & Insurance Management Society	1
Scrum Alliance	1
Six Sigma	1
Society for the Advancement of Material and Process Engineering	1
Society for the Environment	1
Society of Broadcast Engineers	1
Society of Cable Telecommunications Engineers	1
Society of Flight Test Engineers	1
Special Libraries Association	1
State Registration Board for Professional Engineers, Land Surveyors and	1
Geologists	1
Structural Engineers Association of British Columbia	1 1
Suzuki Association of the Americas	
System Safety Society	1
Teaching English as a Second Language Ontario	1 1
Toastmasters International	1
Toronto Police Association	1
Venezuelan Professional Engineers	1
Women in Nuclear	1
Women's Executive Network	1
World Safety Organization	1
WTS International	1
Total	1812
Total Organizations	225
None / Rather Not Say / Unclear / Listed PEO	131

Q4 Who pays your licence fee?



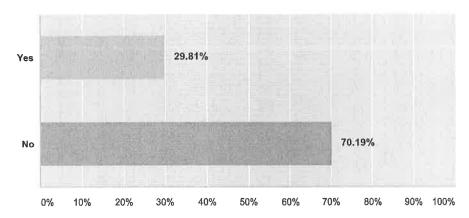
nswer Choices	Responses	
Self	54.03%	2,099
My employer	39.28%	1,526
Self-employed and my business pays	6,36%	247
Honourary member	0.33%	13
otal		3,885

Q5 In how many provinces do you hold a professional engineering licence?



nswer Choices	Responses	
1 province	87.80%	3,411
2 provinces	8.26%	321
3 provinces	2.19%	85
More than 3 provinces	1.75%	68
otal		3,885

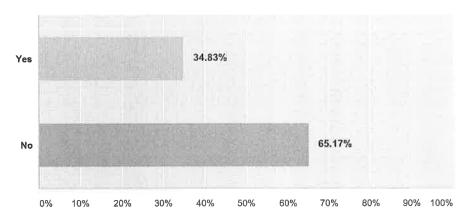
Q6 Are you an internationally educated professional?



Answer Choices	Responses	
Yes	29.81%	1,158
No	70.19%	2,727
Total		3,885

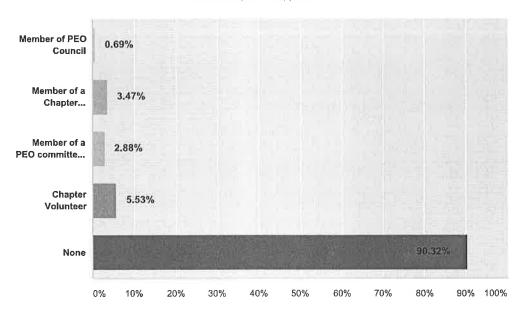
Q7 Were you registered in the Engineering Intern (EIT) program during the PEO licence application process?

Answered: 3,885 Skipped: 0



Answer Choices	Responses	
Yes	34.83%	1,353
No	65.17%	2,532
Total		3,885

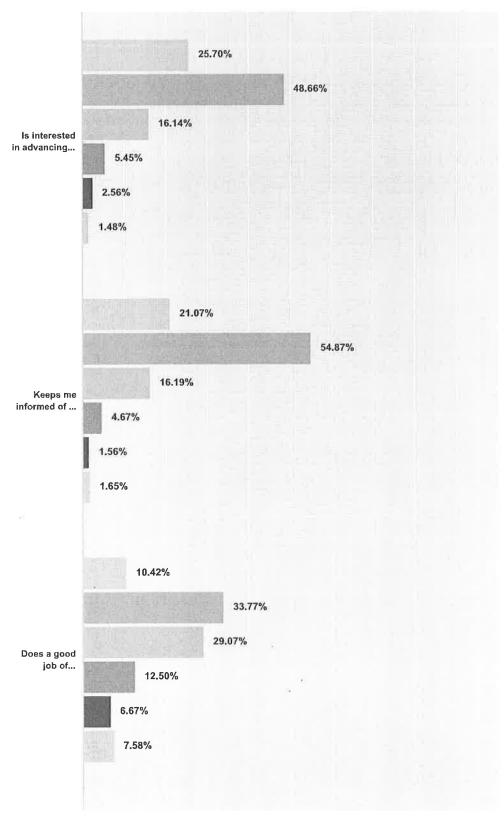
Q8 Besides being a Professional Engineer (P.Eng.), please indicate your connection to PEO. (select all that apply)

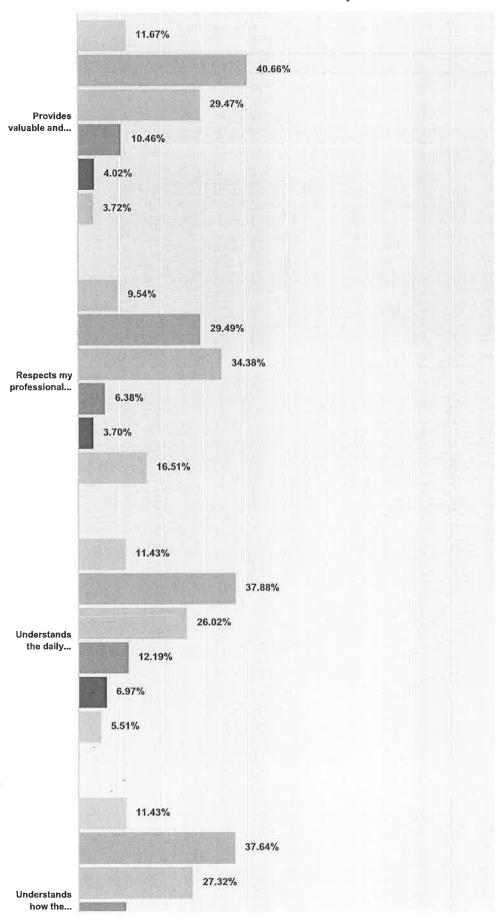


None	90.32%	3,509
Chapter Volunteer	5.53%	215
Member of a PEO committee or task force	2.88%	113
Member of a Chapter Executive	3.47%	13
Member of PEO Council	0.69%	2
swer Choices	Responses	

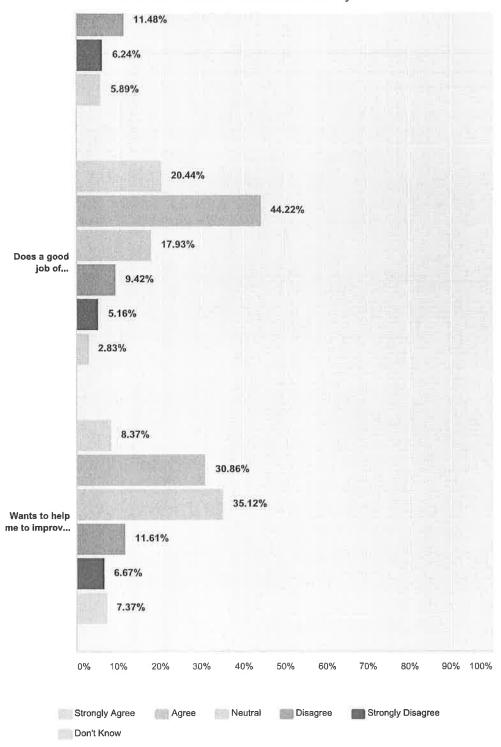
Q9 Please share your opinion regarding these statements about PEO.PEO...

Answered: 3,713 Skipped: 172





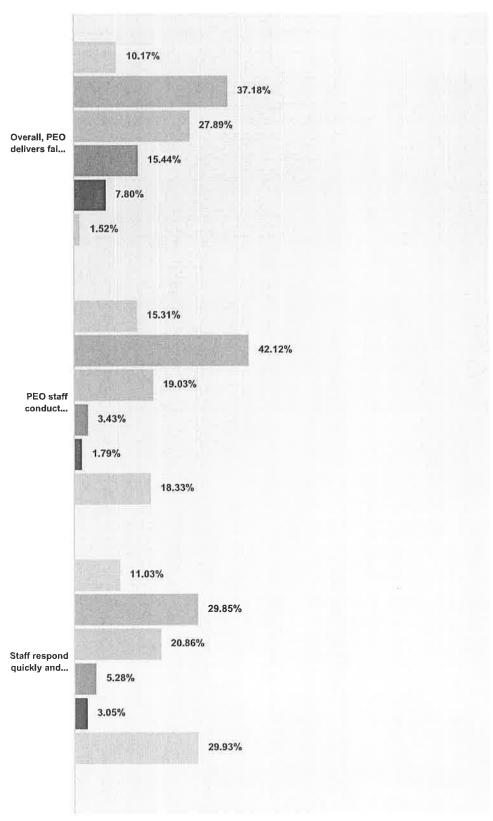
2015 PEO Member Satisfaction Survey

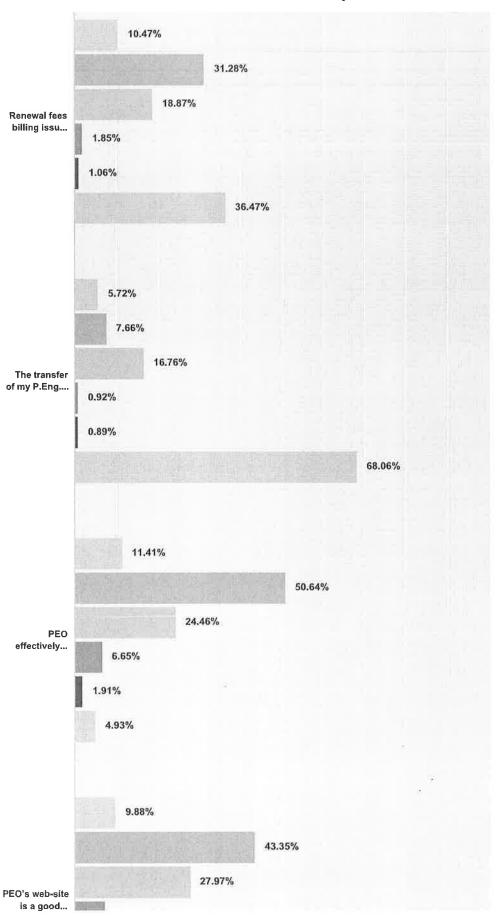


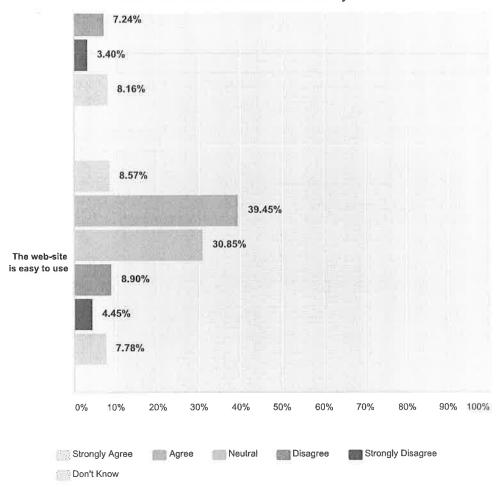
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Is interested in advancing the practice of professional engineering	25.70% 952	48.66% 1,803	16.14% 598	5.45% 202	2.56% 95	1.48% 55	3,705	3.91
Keeps me informed of new government requirements pertaining to professional engineering practice	21.07% 781	54.87% 2,034	16.19% 600	4.67% 173	1.56% 58	1.65% 61	3,707	3,91

Does a good job of influencing legislation in a way that supports the regulation of the practice of professional engineering	1 0.42% 386	33.77% 1,251	29.07% 1,077	12.50% 463	6.67% 247	7.58% 281	3,705	3,3
Provides valuable and timely professional practice guidelines, standards, bulletins and updates	11.67% 433	40.66% 1,508	29.47% 1,093	10.46% 388	4.02% 149	3.72% 138	3,709	3,47
Respects my professional opinions and consultation feedback	9.54% 353	29.49% 1,091	34.38% 1,272	6.38% 236	3.70% 137	16.51% 611	3,700	3,4
Understands the daily challenges and opportunities in practicing professional engineering in Ontario	11.43% 423	37.88% 1,402	26.02% 963	12.19% 451	6.97% 258	5.51% 204	3,701	3.3
Understands how the practice of professional engineering is changing	11.43% 423	37.64% 1,393	27.32% 1,011	11.48% 425	6.24% 231	5.89% 218	3,701	3.3
Does a good job of protecting the public from incompetent and/or unethical professional engineers	20.44% 757	44.22% 1,638	17.93% 664	9.42% 349	5.16% 191	2.83% 105	3,704	3.6
Wants to help me to improve my professional practice	8.37% 310	30.86% 1,143	35.12% 1,301	11.61% 430	6.67% 247	7.37% 273	3,704	3.2

Q10 Please provide feedback on service delivery.



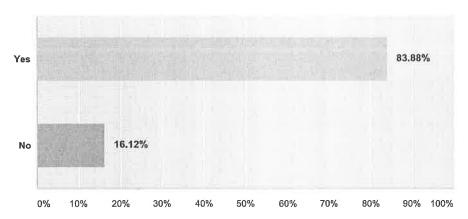




	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Overall, PEO delivers fair value for licence fees	10.17% 374	37.18% 1,368	27.89% 1,026	15.44% 568	7.80% 287	1.52% 56	3,679	3.27
PEO staff conduct themselves in a professional manner	15.31% 563	42.12% 1,549	19.03% 700	3.43% 126	1.79% 66	18.33% 674	3,678	3.80
Staff respond quickly and efficiently to questions/enquiries	11.03% 405	29.85% 1,096	20.86% 766	5.28% 194	3.05 % 112	29.93% 1,099	3,672	3,58
Renewal fees billing issues are fairly and satisfactorily resolved	10.47% 385	31.28% 1,150	18.87% 694	1.85% 68	1.06% 39	36.47 % 1,341	3,677	3.76
The transfer of my P.Eng. licence from another province to PEO was a simple and straightforward process	5.72% 206	7.66% 276	16.76% 604	0.92% 33	0.89% 32	68.06% 2,453	3,604	3.51
PEO effectively communicates regulatory information to licence holders	11.41% 419	50.64% 1,859	24.46% 898	6.65% 244	1.91% 70	4.93% 181	3,671	3,66
PEO's web-site is a good source of information	9.88% 363	43.35 % _1,593	27.97% 1.028	7.24% 266	3.40% 125	8.16% 300	3,675	3.53
The web-site is easy to use	8.57% 314	39.45% 1,445	30.85% 1,130	8.90% 326	4.45 % 163	7.78% 285	3,663	3.42

Q11 Are you aware of your PEO Chapter affiliation?

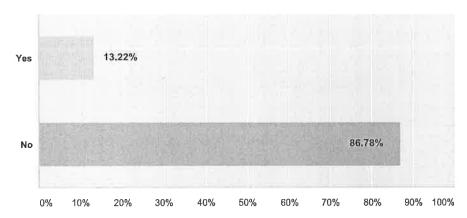
Answered: 3,679 Skipped: 206



Total		3,679
No	16.12%	593
Yes	83.88%	3,086
Answer Choices	Responses	

Q12 Do you regularly attend Chapter meetings and/or events?

Answered: 3,662 Skipped: 223



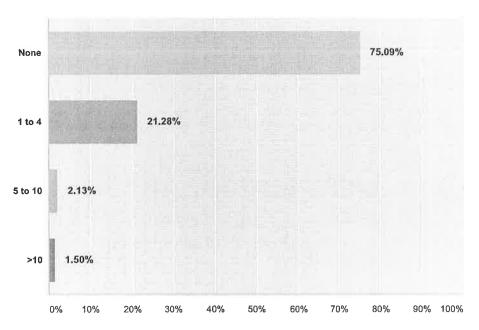
Answer Choices	Responses	
Yes	13.22%	484
Na	86.78%	3,178
Total		3,662

Q12. Reasons for not attending Chapter events.

There were **2345** written answers. Reasons are ranked by number of occurrences in descending order. The number of occurrences does not equal the number of answers since some respondents gave more than one reason.

	Reason	Occurrences
1	Busy	1107
	No time, family priorities, etc.	
2	Nature of Events	827
	No value, not interested	
	Topic not pertinent to practice	
	No interest in social events	
	Merely a social club	
	Merely an "old boys' club"	
	No technical or engineering challenges	
	 Feel unwelcome, no sense of community 	
3	Location Issue	296
	Travel issues, live out of province, etc.	
4	Retired	129
	 Retired, no longer attend events 	
5	Communication	125
	 Not aware when or where meetings are held 	
	No response from Chapter, websites not updated	
	Emails too frequent/aggressive	
6	New Member	43
	New member yet to attend an event	
7	Cost	18
	Too expensive	
8	Bureaucracy	5
	Too bureaucratic	
	No Reason	96
	No answer	
	Not sure	
	Total	2646

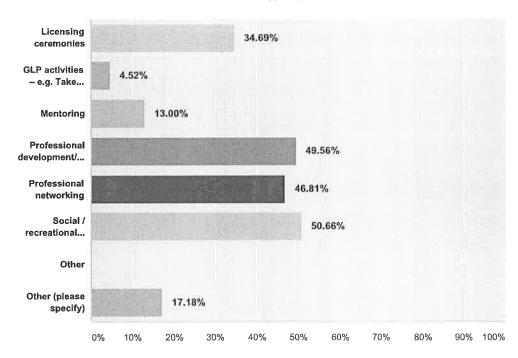
Q13 How many Chapter functions did you attend this year?



Answer Choices	Responses	
None	75.09%	2,752
1 to 4	21.28%	780
5 to 10	2.13%	78
>10	1.50%	55
Total		3,665

Q14 What types of activities do you attend in your Chapter? (select all that apply)

Answered: 908 Skipped: 2,977



swer Choices	Responses	
Licensing ceremonies	34.69%	315
GLP activities – e.g. Take your MPP to Work Day	4.52%	41
Mentoring	13.00%	118
Professional development/education	49.56%	450
Professional networking	46.81%	425
Social / recreational events	50.66%	460
Other	0.00%	O
Other (please specify)	17.18%	156
al Respondents: 908		

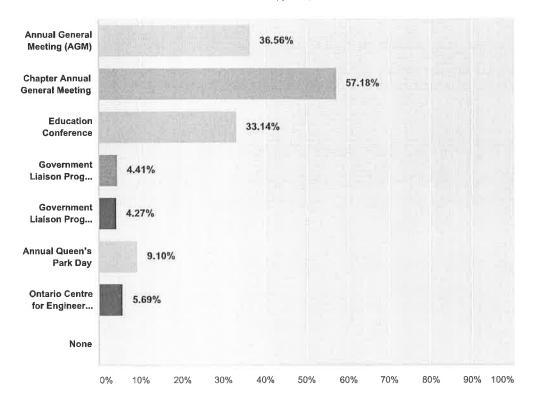
Q14. What types of activities do you attend in your Chapter? (Other)

There were **156** written answers. Activities are ranked by occurrence in descending order. Number of occurrences does not match number of answers since some listed more than one activity.

	Chapter Activity	Occurrences
1	Lectures/Seminars	43
2	Chapter Executive Meeting	24
3	Annual General Meeting	22
4	Outreach Events	22
5	Group Tours/Site Visits	19
6	Town Hall Meetings	10
7	Licensing Assistance Program	3
8	Social Events	3
9	Elections	2
10	Engineer in Residence Program	2
11	National Engineering Month	2
12	Commercial Presentations	1
	None	4
	Total	157

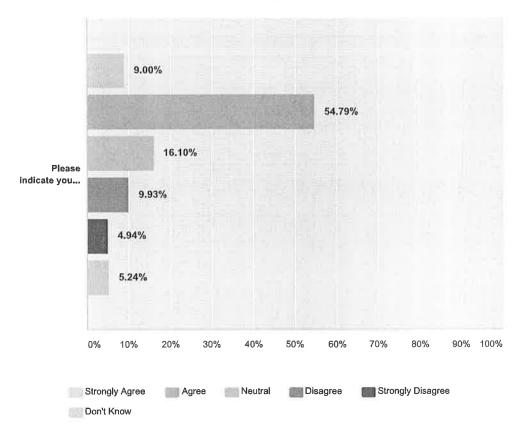
Q15 Did you participate in any of the following programs, either directly or indirectly, in the past two years? (select all that apply, or leave blank if none)

Answered: 703 Skipped: 3,182



swer Choices	Responses	
Annual General Meeting (AGM)	36.56%	257
Chapter Annual General Meeting	57.18%	402
Education Conference	33.14%	233
Government Liaison Program (GLP) Academies	4.41%	31
Government Liaison Program (GLP) Conference	4.27%	30
Annual Queen's Park Day	9.10%	64
Ontario Centre for Engineering Public Policy (OCEPP) Conference	5.69%	40
None	0.00%	0
tal Respondents: 703		

Q16 Do you believe PEO's regulatory efforts are sufficient?



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	9.00%	54.79%	16.10%	9.93%	4.94%	5.24%		
agreement.	328	1,997	587	362	180	191	3.645	3.56

Q16. Do you believe PEO's regulatory efforts are sufficient?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

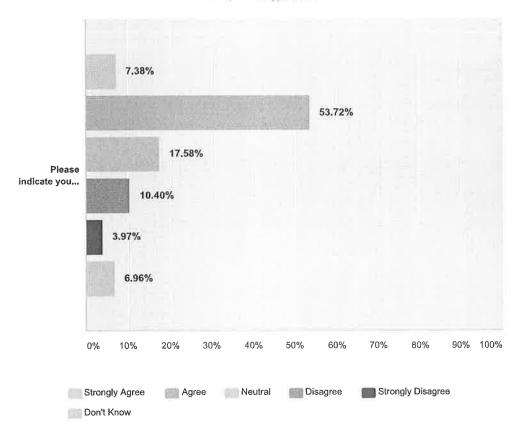
There were **747** written answers. Common subjects are ranked by occurrence in descending order. Occurrences do not correlate with number of answers since many identified more than one subject.

	Subject	Occurrences
1	 Enforcement / Engineering Title Increase enforcement to protect the profession. Complaints should be more easily made and investigated and resolved more quickly. More proactive approach than reactionary to complaints. Scrutinize both larger companies and small ones, government departments and agencies. More attention should be paid to protecting members of the Association from frivolous attacks from the public. Increase fines and penalties. Be more aggressive in preventing people who call themselves 'engineers' but who have no qualification. Scope should be expanded to include individuals and companies who don't call themselves engineers but perform engineering functions. 	358
2	 Evaluation, Standards More stringent checks on educational and professional experience. Continuous review of internal and external processes. Stricter supervision. Conduct audits and technical checks. Improve dealing with new applicants who don't meet the traditional methods of gaining experience. Improve review of international experience, education, and training. 	160
3	Communication Issues Improve communication efforts. Make information easier to comprehend, more accessible and provide updates in a manner that engage readers. More communication among enforcement, licensing and membership directors/staff within PEO.	68
4	 Public Awareness / Government Increased public recognition of licensing requirements and the engineering title. Better public education on reporting poor engineering services or "bad" engineers. 	63

 More negotiations with the Government to advance the professional engineering practice. Secure complete legal independence from the Government 	
	51
·	
·	
·	
Industrial Exception	43
 Continue to lobby the Government to repeal IE. 	
Civil Engineering	35
 Expand beyond the areas of civil and structural engineering. 	
 Broader scope to include such areas as software and biomedical. 	
Negative Statement	33
 PEO not taken seriously by government or corporations. 	
· · ·	
The definition of engineering used in the Act is inadequate.	
Fees and Event Costs	24
 Reduce the cost of education fees. 	
 Adjust fees to the frequency of performing strict P.Eng. 	
activities.	
 Most events are charged; consider free events. 	
Other	29
No comment, not sure	
Total	864
	professional engineering practice. Secure complete legal independence from the Government to be effective in regulatory efforts. Continuing Professional Development Mandate continuing education for every member within their area of practice. Online course that would be required for license renewal. Periodic retesting Industrial Exception Continue to lobby the Government to repeal IE. Civil Engineering Expand beyond the areas of civil and structural engineering. Broader scope to include such areas as software and biomedical. Negative Statement PEO not taken seriously by government or corporations. PEO does little to protect its members. The definition of engineering used in the Act is inadequate. Fees and Event Costs Reduce the cost of education fees. Adjust fees to the frequency of performing strict P.Eng. activities. Most events are charged; consider free events. Other No comment, not sure

Q17 Do you believe PEO's efforts in establishing, developing, and maintaining standards are sufficient?

Answered: 3,606 Skipped: 279



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	7.38%	53.72%	17.58%	10.40%	3.97%	6.96%		
agreement.	266	1,937	634	375	143	251	3,606	3.54

Q17. Do you believe PEO's efforts in establishing, developing, and maintaining standards are sufficient?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

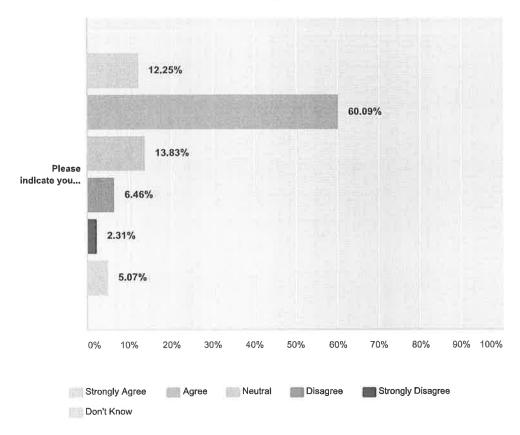
There were **747** written answers. Common subjects are ranked by occurrence in descending order. The number of occurrences does not equal the number of answers since some identified more than one subject.

Responses of "None" or that did not describe a subject are not included.

	Subject	Occurrences
1	Continued Professional Development	182
	 Implement mandatory minimum CPD hours annually for members 	
	 Offer courses useful to more diverse types of engineers 	
2	Standards	178
	Standards are generally narrow, poorly written, take years to write and are sometimes obsolete by the time they are written.	
	Standards are related only to a narrow group of industries/disciplines.	
	 Develop standards for risk identification and classification in newer applications of science and technology. 	
3	 PEO's Focus / Collaboration and External Examples Less emphasis on managerial status, MBA's, etc. A more proactive than reactive approach Keep pace with technological developments within the industry. 	74
	 Seek inspiration from other regulators in the provinces e.g. College of Physicians in Ontario Collaborate with other provincial associations e.g. APEGBC, and American associations 	
4	 Engineering Title / Enforcement Strengthen actions toward companies and individuals who hire non-licensed "engineers" Stronger application requirements and enforcement. Police the government. Transparent oversight. Enforce code of conduct. 	61
5	 Communication More engagement and communication with members Strengthen communication with members outside the GTA. 	40

	 More discussion of best/changing practices, especially 	
	implications of software issues.	
	Regular Q & A column in Dimensions	
6	Civil Engineering	30
	 More inclusivity/emphasis required on non-civil 	
	engineering disciplines: software, chemical, electrical, etc.	
7	Examination/Evaluation	25
	 Make the PPE more challenging. 	
	 Limit the number of new engineers that can be licensed 	
	each year to avoid having incompetent engineers.	
	 Detailed technical evaluation should proceed all 	
	applications.	
	 Regular evaluation of knowledge and skill development of 	
	members.	
8	Council and Committees	4
	 A new, younger council that has knowledge in the new 	
	areas of engineering to provide guidance on task forces.	
	 Committee recommendations on this topic are due. 	
9	Fees	3
	 Reduce cost of requirement to practice. 	
	 Establishing minimum salary guidelines and/or engineering 	
	fees from consultants.	
	Other	160
	No comment	
	 Don't know/Not aware 	
	 See previous answer 	
	• N/A	
	Total	757

Q18 Do you believe PEO's efforts in establishing, developing, and maintaining professional ethics are sufficient?



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	12.25%	60.09%	13.83%	6.46%	2.31%	5.07%		
agreement.	440	2,159	497	232	83	182	3,593	3.77

Q18. Do you believe PEO's efforts in establishing, developing, and maintaining professional ethics are sufficient?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

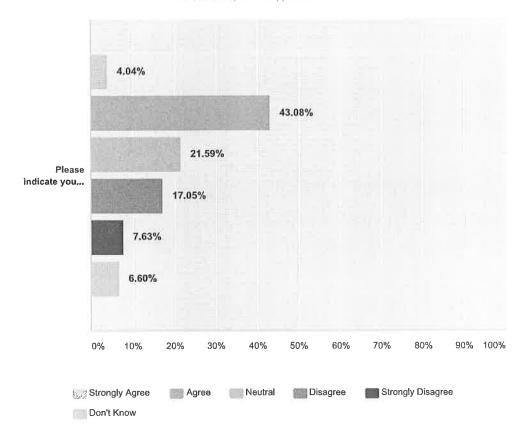
There were **444** written answers. Common subjects are ranked by occurrence in descending order. Occurrences do equal number of answers since some identified more than one subject.

	Subject	Occurrences
1	 The Code of Ethics/Ethics in general More effort needed to ensure practitioners understand that ethics are important and not punitive. Create a CPD or outreach program focusing on ethics. Regular refresher on the Code of Ethics would be helpful. Free Chapter events on ethics with case studies 	136
2	 Standards Ethics is the domain of the legal system. Standards of engineering are the domain of PEO. Ethics are important but cannot be practically implemented without proper standards. Prevent people from using the P.Eng. title without accreditation Prevent engineers from working outside their area of expertise. 	63
3	 Communication and Public Awareness More transparency is required. Publicize professional ethics questions and answers for typical professional situations. Discourage the public from hiring non-engineers. Better communication with members as to how these ethics apply to working situations. More outreach to minority groups would be beneficial. Use the Blue Pages in Dimensions to illustrate aspects of ethics. Interface with other professions. 	49
4	 Enforcement Needs improvement; Algo Mall demonstrated this. Apply and enforce at minimum the annual test and compliance for all engineers. More support for whistleblowers. Proactive rather than reactive enforcement, not just dealing with events that are reported. 	47

5	 Education More required at undergraduate levels Professional seminars reviewing the experience from the year of failures or key case studies Chapter seminar events Mandatory professional development reviews, exams or presentations at regular intervals 	34
6	PEO is not doing enough in this regard. Changing licensing rules has not benefited the engineer. PEO is too often self serving and protectionist rather than promoting competent professions in Ontario, nationally and internationally.	26
7	 Penalties Penalties for discipline should be more severe. Expert witnesses who are clearly biased should be disciplined, whether or not they reach the courthouse. Establish an expectation that unethical engineers will face a reporting process. Publish all guilty cases. 	17
8	Positive Opinions Ethics is where PEO shines. Current efforts are adequate. PEO is doing a better job than other professions.	8
	Other Not sure Not enough information. See previous answer.	98
	Total	478

Q19 Do you believe PEO's promotional efforts are sufficient?

Answered: 3,589 Skipped: 296



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	4.04%	43.08%	21.59%	17.05%	7.63%	6.60%		
agreement.	145	1,546	775	612	274	237	3,589	3.20

Q19. Do you believe PEO's promotional efforts are sufficient?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

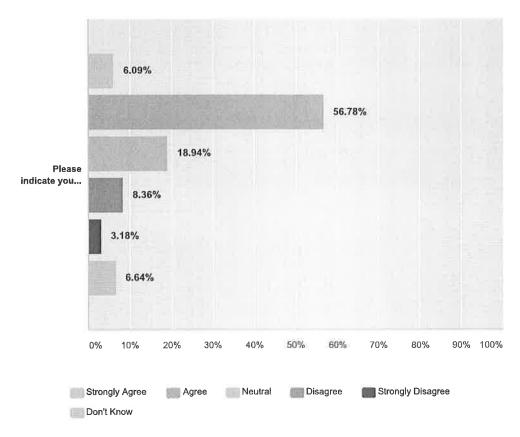
There were **965** written answers. Common subjects are ranked by occurrence in descending order. Occurrences do not correlate with number of answers since many identified more than one subject.

	Subject	Occurrences
1	Public Awareness	546
	 More public awareness of what engineers are is required. 	
	 Increase awareness in large engineering firms. 	
	 Place greater emphasis on public rather than member 	
	awareness.	
2	Advertisements / Media Presence	215
	 Increase advertising efforts 	
	 Better/more consistent branding and image 	
	Subway advertisements	
	 Ad campaigns for high schools, universities and conferences 	
	Repeat billboard campaigns	
	Newspaper, magazine, TV ads	
3	OSPE	47
	 Only OSPE should be responsible for promotion 	
	 Increase distinction between PEO and OSPE in PEO's 	
	promotional efforts	
	Resolve differences with OSPE.	
4	External Examples	47
	Review other organizations' promotions	
	 E.g. Teachers, Physicians, OMA, ODA 	
	Follow Chartered Professional Accountants' advertising	
_	efforts	0.5
5	Negative Statement	35
	Not enough is done.	
	Too much negativity.	
	Engineering is an invisible profession.	
	Too much promotional work.	0.0
6	Advocacy	30
	Refocus on becoming an advocacy organization for the Refocus on becoming an advocacy organization for the	620
	Engineering profession similar to Physicians and Lawyers	5
	Act as a union to protect engineers	
	More involvement on the provincial and municipal political	
_	front.	25
7	Engineer Title	25
	 Increase awareness of use and protection of the title from 	

	unlicensed workers	
8	Social Media	16
	 Increase social media presence 	
	 Meetup apps 	
	 Twitter, Facebook 	
	Other	118
	No comment	
	Don't know	
	Not aware	
	See previous answer	
	Total	1079

Q20 An objective for PEO as a professional regulatory body is to increase the level of understanding of professional regulation among our members. Do you agree that PEO is doing a good job in this respect?





	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	6.09%	56.78%	18.94%	8.36%	3.18%	6.64%		
agreement.	220	2,051	684	302	115	240	3,612	3,58

Q20. An objective for PEO as a professional regulatory body is to increase the level of understanding of professional regulation among our members. Do you agree that PEO is doing a good job in this respect?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

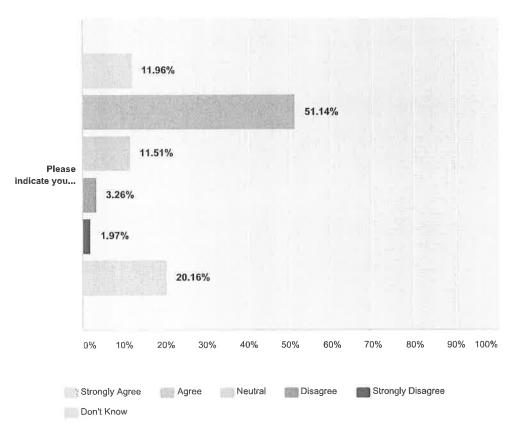
There were **449** written answers. Common subjects are ranked by occurrence in descending order. The number of occurrences does not equal the number of answers since some identified more than one subject.

	Subject	Occurrences
1	Critical information sent out via short and dedicated emails.	138
	 Monthly email blasts on sections of the PE Act and Code of 	
	Ethics to remind members of responsibilities.	
	 More articles with examples in Dimension. 	
	Webinars	
	Increased social media presence	400
2	Do Not Know	109
	Lack of awareness from reading Blue Pages only. Depart language and registered regulations.	
	 Do not know about professional regulations. Do not understand what this is. 	
3	Education	47
5	Provide opportunities for members at large to receive training	''
	in regulation of the profession.	
	Provide mandatory continuing education.	
	Annual licensing event at each chapter	
4	Standards	45
	Tighter admission standards	
	 Updated professional regulations should require members to 	
	read and sign (manually or electronically)	
	Practice bulletins and opportunities to reference the	
	standards such as on line information library	
5	Industrial Exemeption must be repealed Negative Opinion	38
5	The rules are outdated and detrimental to the public safety	30
	and engineering professionalism.	
	There is too much focus on regulation.	
	Little clarity or vision.	
6	Public Awareness	36
	 Increase public awareness and publicity of the profession. 	
	More public statistics required.	
	Other	46
	No answer	

•	See previous answer	
Total		459

Q21 One of PEO's duties as a professional regulatory body is to investigate all complaints made against licence holders in a fair and impartial manner. Do you agree that PEO is doing a good job in this respect?

Answered: 3,561 Skipped: 324



	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	11.96%	51.14%	11.51%	3.26%	1.97%	20.16%		
agreement.	426	1,821	410	116	70	718	3,561	3.85

Q21. One of PEO's duties as a professional regulatory body is to investigate all complaints made against licence holders in a fair and impartial manner. Do you agree that PEO is doing a good job in this respect?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

There were **336** written answers. Common subjects are ranked by occurrence in descending order. Number of occurrences does not equal number of answers since some identified more than one subject.

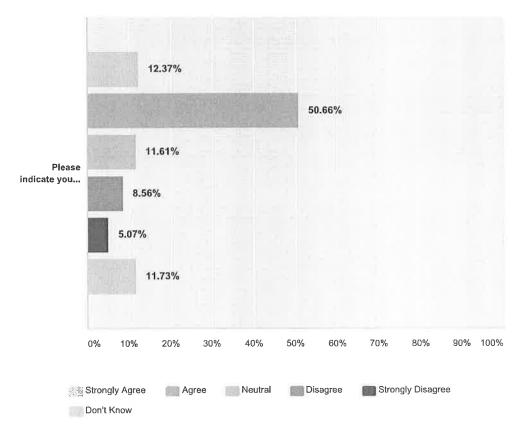
	Subject	Occurrences
1	 Investigating Complaints Place more emphasis on peer review than on the legal process that limits the process. Increase investigations of frivolous complaints. Increase the speed of investigations. Publicize investigations about more than civil engineers in the building industry. Improve impartiality, judging complainant and defendant equally. Better filter for frivolous claims, so that the engineer can handle the matter on their own with the parties involved. Easier ways of reporting complaints. Increase protection of licence holders from vexatious complaints. 	224
2	 Not Know Not aware of PEO's investigation process or methods Cannot give an informed opinion Limited exposure through Blue Pages only 	106
3	 Publicizing Investigations Is the number of published complaints representative of all complaints? Findings of investigations should be made available to the membership. Increase public awareness of the complaints and disciplinary processes. Protect the identities of all parties involved. Disclose the identities of all parties involved. Publicize both successful PEO cases and failures. 	62
4	Penalties Implement harsher penalties. Penalize those not upholding the required level of professionalism.	28

5	 Good Job PEO is doing well in this regard. Magazine case studies are informative. 	9
6	 Large vs. Small Companies Investigations published are typically for individuals/small businesses. Increase information of how major corporations use unlicensed engineers to support engineering, and their prosecution. 	8
	Other • No comment	33
	 No comment See previous answer 	
	Total	470

.

Q22 One of PEO's duties as a professional regulatory body is to enforce against illegal practice of professional engineering, or illegal use of engineering titles. Do you agree that PEO is doing a good job in this respect?





	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Клоw	Total	Weighted Average
Please indicate your degree of	12.37%	50.66%	11.61%	8.56%	5.07%	11.73%		
agreement.	442	1,810	415	306	181	419	3,573	3.64

Q22. One of PEO's duties as a professional regulatory body is to enforce against illegal practice of professional engineering, or illegal use of engineering titles. Do you agree that PEO is doing a good job in this respect?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

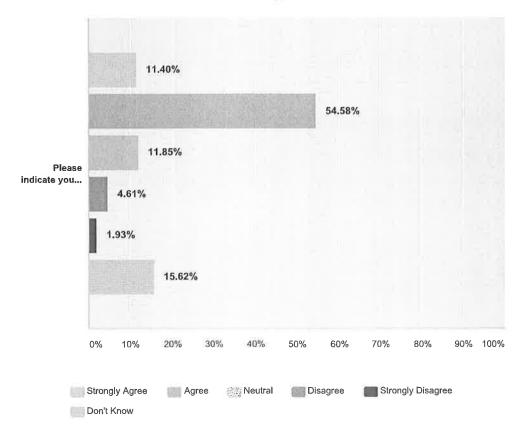
There were **547** written answers. Common subjects are ranked by occurrence in descending order. The number of occurrences does not equal the number of answers since some identified more than one subject.

	Subject	Occurrences
1	Use of the Title	234
	 Companies must be held responsible for allowing misuse of engineer designation. 	
	 Companies have people without licences do engineering work. Change job titles from engineer to designer, analyst, specialist, etc. 	
2	Enforcement	80
	 Random review and investigation of the practices followed by employers 	
	 Faster processing of investigations. 	
	 Set up a task force that is empowered to issue fines. 	
	 Consult with engineering firms for more robust enforcement. 	
	 A proactive approach to pursue cases rather than react to complaints. 	
	 Pursue both employers of employees who misuse the title and individuals. 	
3	Penalties	60
	 Stronger penalties in general. 	
	 More severe penalties for employers and those who misuse 	
	the title.	
	Increased fines.	
4	No Awareness	44
	Not aware of illegal practices	
	Have not seen statistics to prove PEO efforts	
	Have rarely heard of cases	36
5	Public Awareness	. 30
	Public awareness and understanding must be increased. Overtarily "remost pard" of the number of complaints received.	
	 Quarterly "report card" of the number of complaints received, the number investigated, and the number of judgements 	*/C
	against persons.	
	More transparency from PEO is required. Provided to the provided and additional report of the provided to the provided t	
	 Regularly advertise the regulation regarding restricted use of titles in media. 	

6	Communication	19
	 Set up some simple Google Alerts to identify people advertising engineering services in Ontario, and systemically compare them to the licensing list. More press, TV coverage. Upon receiving a complaint the issuer should receive updates as to the status of the investigation. 	
7	Impossibility of improvement	17
	 Years of inaction have made this impossible to make up for in the foreseeable future. PEO has failed in this area. Loopholes in the Act and Industrial Exemeption prevent this 	
	from improving. Other	67
	No answer Not sure	<i>31</i>
	See previous answer	
	Total	557

Q23 One of PEO's duties as a professional regulatory body is to discipline members for misconduct or incompetence. Do you agree that PEO is doing a good job in this respect?





	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know	Total	Weighted Average
Please indicate your degree of	11.40%	54.58%	11.85%	4.61%	1.93%	15.62%		
agreement.	408	1,953	424	165	69	559	3,578	3,82

Q23. One of PEO's duties as a professional regulatory body is to discipline members for misconduct or incompetence. Do you agree that PEO is doing a good job in this respect?

If you are neutral or disagree, what efforts should be made to deal with deficiencies?

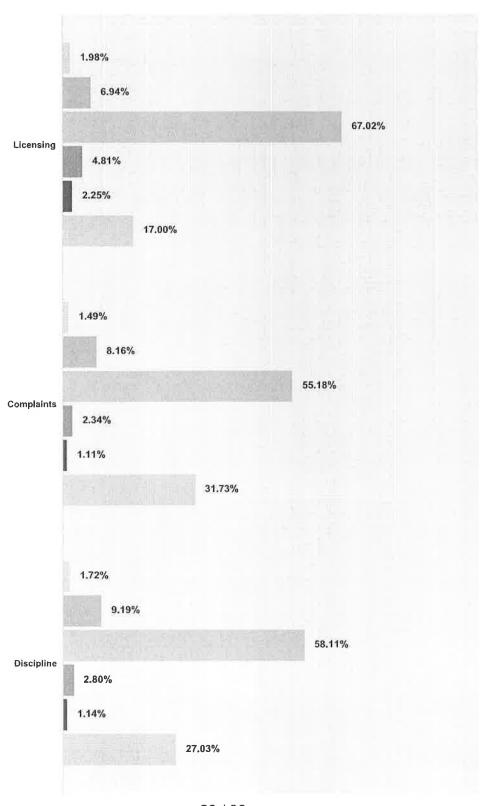
There were **319** written answers. Common subjects are ranked by occurrence in descending order. Occurrences do not correlate with number of answers since many identified more than one subject.

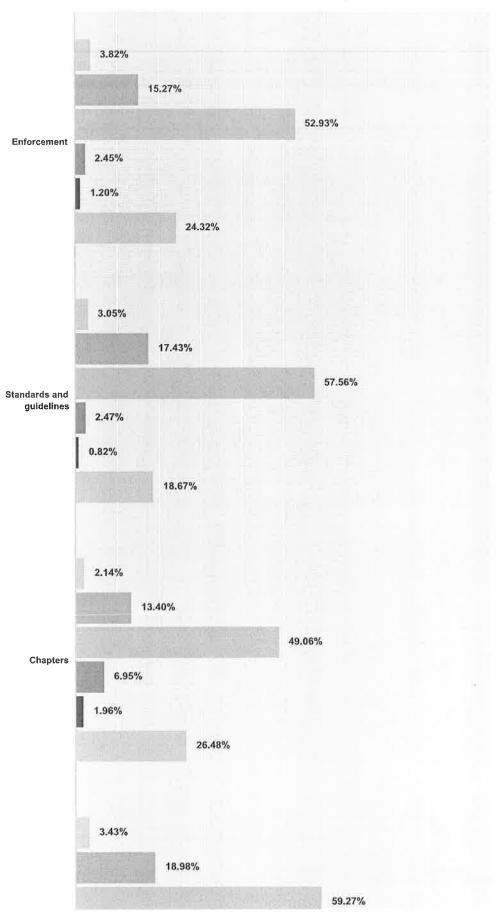
	Subject	Occurrences
1	 The emphasis on investigation and discipline needs to be lightened. Move beyond Civil and Structural Engineering. Non-members should get the same attention as members. Incompetence is too broad; narrow to smaller categories of more and less severe to aid prosecution. Proactive approach rather than reactive. 	70
2	 Visibility More examples recorded in Engineering Dimensions. Increased visibility of the magnitude or scope of the misconduct or incompetence problem. More diverse examples of misconduct and discipline. More public statistics. 	58
3	Penalties Increased penalties and longer probation periods in general. Increased penalties for knowing violators Increased fines for repeat offenders	56
4	 Reporting/Enforcement Improved communication with complainants. Encourage engineers, lawyers, and judges to report bad behaviour. Members need to be encouraged to turn in incompetent members. Expert witnesses who are clearly biased should be disciplined. Discipline both large businesses and individuals. 	44
5	Good JobPEO is doing a good job in this regard.	11
	Other No comment Not sure See previous answer	89

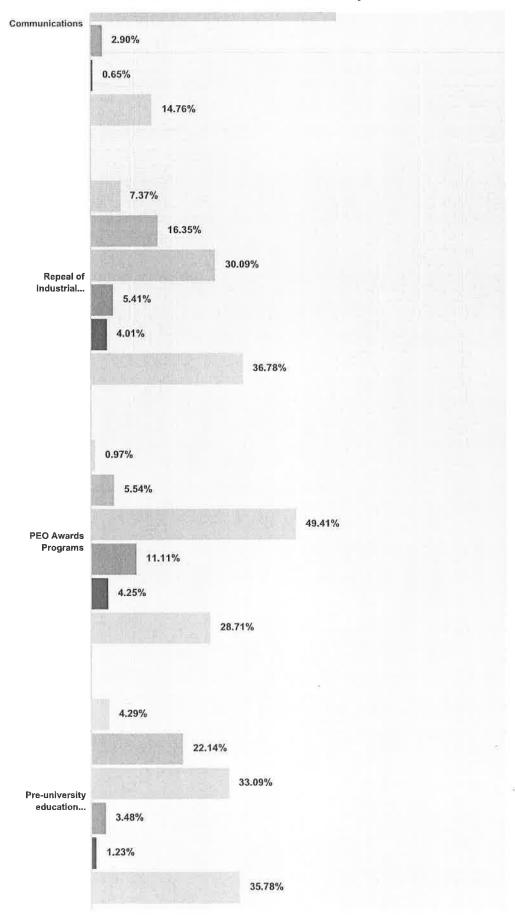
Total 328

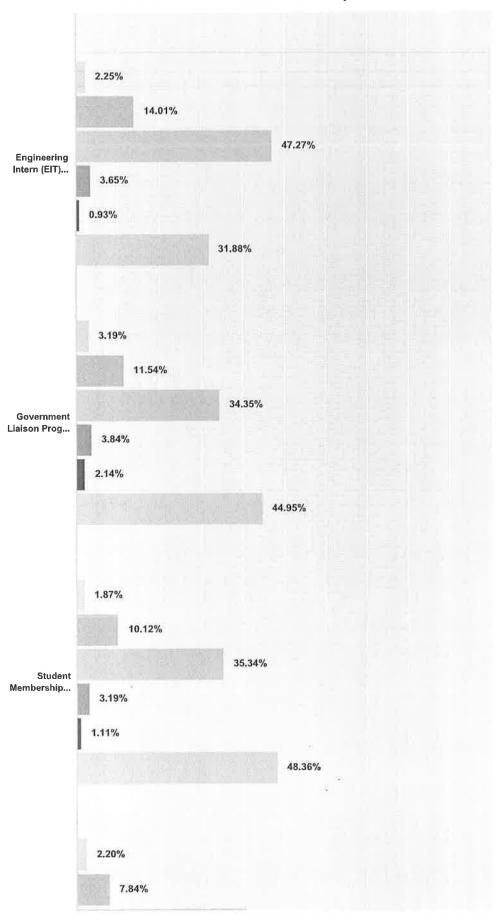
Q24 Please indicate whether you believe PEO focuses its resources appropriately in the following areas:

Answered: 3,454 Skipped: 431

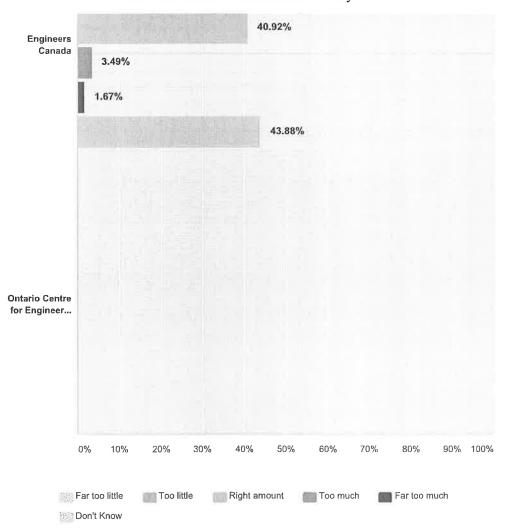








2015 PEO Member Satisfaction Survey

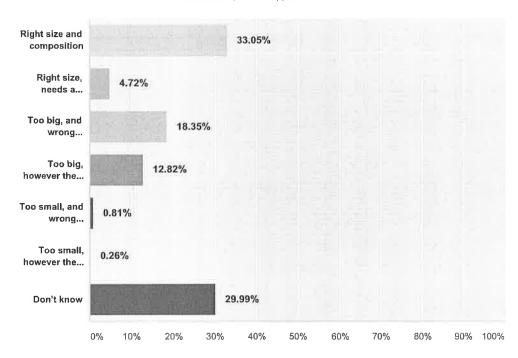


	Far too little	Too little	Right amount	Too much	Far too much	Don't Know	Total	Weighted Average
Licensing	1.98% 68	6.94% 238	67.02% 2,298	4,81% 165	2.25%	17.00% 583	3,429	2.9
Complaints	1.49% 51	8.16% 279	55.18% 1,887	2.34% 80	1.11% 38	31.73% 1,085	3,420	2,9
Discipline	1.72% 59	9.19% 315	58.11% 1,991	2.80% 96	1.14% 39	27.03% 926	3,426	2.9
Enforcement	3.82% 131	15.27% 523	52.93% 1,813	2.45% 84	1.20 % 41	24.32% 833	3,425	2.7
Standards and guidelines	3.05% 104	17.43% 594	57.56% 1,961	2.47% 84	0.82% 28	18.67% 636	3,407	2.7
Chapters	2.14% · 73	13.40% 457	49.06% 1,673	6.95% 237	1.96% 67	26.48% 903	3,410	2,9
Communications	3.43% 117	18.98% 647	59.27% 2,020	2.90% 99	0.65% 22	14.76% 503	3,408	2.7
Repeal of industrial exemption	7.37% 252	16.35% 559	30.09% 1,029	5.41% 185	4.01% 137	36.78% 1,258	3,420	2,7

PEO Awards Programs	0.97%	5.54%	49.41%	11.11%	4.25%	28.71%		
	33	189	1,685	379	145	979	3,410	3,17
Pre-university education outreach	4.29%	22.14%	33.09%	3.48%	1.23%	35.78%		
	147	758	1,133	119	42	1,225	3,424	2.61
Engineering Intern (EIT) Program	2,25%	14.01%	47.27%	3.65%	0.93%	31.88%		
	77	480	1,619	125	32	1,092	3,425	2.81
Government Liaison Program (GLP)	3.19%	11.54%	34.35%	3.84%	2.14%	44.95%		
	109	394	1,173	131	73	1,535	3,415	2.82
Student Membership Program (SMP)	1.87%	10.12%	35.34%	3.19%	1.11%	48.36%		
	64	346	1,208	109	38	1,653	3,418	2.84
Engineers Canada	2.20%	7.84%	40.92%	3.49%	1.67%	43.88%		
	75	267	1,394	119	57	1,495	3,407	2,90
Ontario Centre for Engineering and Public Policy	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
(OCEPP)	0	0	0	0	0	0	0	0.00

Q25 Is the size and make up of Council the best to carry out the mandate of PEO?

Answered: 3,471 Skipped: 414



swer Choices	Responses	
Right size and composition	33.05%	1,147
Right size, needs a different composition	4.72%	164
Too big, and wrong composition	18.35%	637
Too big, however the composition is correct	12.82%	445
Too small, and wrong composition	0.81%	28
Too small, however the composition is correct	0.26%	9
Don't know	29.99%	1,041
al		3,471

Q26 If you believe that the size and/or composition of Council needs to change, what do you suggest? Why?

Answered: 967 Skipped: 2,918

Q26. If you believe that the size and/or composition of Council needs to change, what do you suggest? Why?

There were **967** written answers. Common subjects are ranked by occurrence in descending order. Number of occurrences does not equal total number of answers as many gave more than one suggestion.

Suggested Total Numbers of Council

	Number	Occurrences
1	10-15	60
2	15-20	31
3	Under 10	12
4	Over 25	11
5	20-25	5
	Total	119

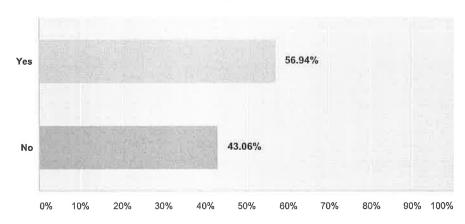
General Comments

1	There are too many Presidents (Elect, Current, Past)	77
2	 Broader Field Representation Require representation from a wider scope of engineering fields, industries, and disciplines. Representation by discipline is better than by region. Consider having university involvement from accredited engineering faculty advisors. 	37
3	 Smaller Council A smaller Council is more efficient. It is easier to make decisions with a smaller group. 	32
4	 Yearly elections are too frequent. One year is too short and does not permit much productivity or change. President's term should be 2-3 years. Councillors' terms should be 2-3 years. 	31
5	 Council requires less discussion and more action. Place more emphasis on true professional practice: updating, evaluation, and professional/academic affairs. Consider standing observers at meetings with no voice but who can build relationships outside PEO, such as graduate students or unsuccessful candidates. 	24
6	There are too many Vice Presidents	22
7	FeesA larger Council is contributing to increasingly larger fees.	17

	 Fee increases should be limited through reduced administration and overheads. 	
8	Good Size	11
	 The current composition and size are just right. 	
9	Younger Councillor Representation	11
	 More young professionals are needed on Council to adapt to 	
	the changing world and perspectives.	
	 Diverse age representation is important. 	
	 All stages of the licensing process should be represented. 	
	 Consider students and EITs for Councillors. 	
10	Term Limits	4
	 Councillors should have term limits. 	
11	Gender Representation	2
	 Women should have an increased presence on Council. 	
	 50/50 gender balance is ideal. 	
	Other	50
	 No opinion / N/A / Not sure 	
	Total	318

Q27 Do you feel that there should be term limits for volunteers serving on a Committee?

Answered: 3,460 Skipped: 425



Answer Choices	18	Responses	
Yes		56.94%	1,970
No		43.06%	1,490
Total			3,460

Q28 Do you have any other comments?

Answered: 903 Skipped: 2,982

Q28. Do you have any other comments?

There were **903** written answers. Common subjects are ranked by occurrence in descending order. Occurrences do not correlate with number of answers since many identified more than one subject.

	Subject	Occurrences
Good		84
•	Satisfaction with PEO.	
	Keep up the good work.	
•	Thank you.	
Coun	cil	79
•	Term limits required for Council; abolish 1-year terms.	
•	Younger Council members should be encouraged.	
•	No more than two terms for the President.	
•	PEO is too bureaucratic.	
Surve	e y	72
•	In future, make the survey more mobile-friendly.	
•	A lot of the questions are based on perception. What are the	
	PEO operational benchmarks, targets and objectives?	
•	The survey asks questions focusing on issues the PEO	
	seems to feel are of vital importance but have limited	
	relevance.	
•	There should be more research surveys of practitioners	
	coming from academics in the fields of engineering or	
	engineering management. Good questions.	
Fees	Good questions.	64
1 003	Fees are too high.	04
	Increase transparency of where fees are channelled.	
	Annual license renewal fee is too expensive.	
	One should be able to get receipt immediately when paying	
	dues online.	
Volu	nteering	55
	PEO is not receptive to new volunteers for committees.	
	More volunteer positions for younger people to get involved.	
	Committee volunteers should have set term limits.	
•	More volunteer recognition.	
Comi	nunication	53
•	Improve phone and email response on licensing and C of A	
	issues.	
•	Better communication with members and inclusion of all	
	members.	
•	The magazine is effective.	
•	Decrease e-mail correspondence in general.	

4	
 Have a link in the website about information relative to all the Regulations or Codes to be satisfied by Engineering Disciplines. 	
Irrelevant	47
PEO does little to raise P.Eng status with organisations & public.	47
 PEO is losing relevance. PEO does not help my profession. 	
Continuing Professional Development	44
CPD should be mandatory.	•
Promotion and Public Awareness	41
Use general media to convey its message and mandate to the public.	71
 The public requires a greater understanding of the profession. Promote PEO members' image in the society, help members for placement, and enhance the value of engineers. 	
Retired	24
Retired and not active, but read with interest.	
Retired members in good standing should be encouraged to provide input in less demanding form.	
Work, think and devise means for the personal betterment and life of practicing and retired engineers.	
Consider fee exemption for retired engineers.	
Industrial Exemption	23
Continue efforts to have IE repealed.	
Repealing IE should be PEO's main focus.	
Focus less on IE.	
Location Issues	23
PEO is only representative of Southern Ontario but not the rest of the province.	20
 Volunteer participation is limited by having events only in the GTA. Host more meetings outside it. 	
Enforcement	22
PEO should more efficiently enforce the Professional Engineers Act everywhere.	
Advance the interests of engineers beyond the enforcement mandate.	
 Increase focus on members to protect them from external interference; protect our own. 	
Civil/Structural Engineering	19
There is too much focus on these fields.	
Spend more resources on less recognized fields: municipal and utility engineering, software, chemical, etc.	
Standards • Standards should be on par with advancing technology.	19

Engineering Title	14
 There is no engagement with employers regarding professional engineering. 	
thru PEO only.	
 career. All P.Eng jobs in the country must be posted and recruited 	
Help laid-off engineers get back on their feet and get a	
internationally-trained engineers. Employment	14
The public needs to be protected from unqualified internationally trained engineers.	
far too stringent and bureaucratic.	
from other countries and obtaining licences. • PEO qualification process for qualified overseas candidates is	
Proper evaluation and strict conditions for people coming from other countries and obtaining licenses.	
International Engineers	14
disciplined. • Streamline complaints review.	
Ensure engineers are given an unbiased hearing when disciplined.	
More needs to be done to investigate all complaints.	
Discipline	14
Chapters only serve the GTA.Chapter Mandate requires updating.	
Greater participation in Chapter events is necessary.	
enforcement and discipline issues only.	
 Chapters Chapters should be involved with licensing, regulatory, 	14
federal government. Chapters	14
Provide training for engineers to enter the provincial and	
More liaison work could be done with the federal government.	
environment and younger people? Government	15
How can/should the organization evolve to meet the modern opvironment and younger people?	
PEO must engage young engineers.	
Young Engineers	16
 Increase pre-university interest in engineering with kids who are 10-12 or possibly earlier. 	
these questions.	
Liaise with Universities and have discussions with them on	
committees.	
 Education Inviting university professors to be part of different 	17
skills in completely different fields of practice.	
 PEO should reach out to licensed members who deploy their 	
 The P.Eng should achieve the same level of regulation as lawyers or doctors. 	

 Stop employers from putting non-engineers into jobs for P.Engs. Better monitoring use of the seal is required. Create more jobs that respect the P.Eng. title. 	
Consider adding an option for online participation for	13
 meetings, trainings, and discussions. Web meetings should support computer audio, not just 	
 phoning in. The AGM should move around the Province with Regions working as organizers to bring more profile to the event. 	
 Many activities can be planned outside the business hours so that volunteers can more actively participate. 	
PEO Staff/40 Sheppard Ave. W. Staff members need to be professional.	11
 Staff do a poor job of returning phone calls and information during the application/licencing process. Publish sunshine list for senior staff. 	
 Disapproval of purchase and renovations of the building. Spending needs to be kept under control. 	
Applications	3
C of A renewal should be done online instead of paper.	
 Wait time for seal following successful application needed to be shorter. 	
Interviews felt unnecessary.	
No Comment	157
Total	971