



Engineers Geoscientists Manitoba Survey of Members May 2017

- The survey instrument was designed by Probe Research in close consultation with representatives of Engineers Geoscientists Manitoba.
- Data was collected online and was open for completion between March 23rd and April 4th, 2017. Pre-tests were conducted March 17-20th.
- In order to increase compliance:
 - ✓ Members were advised in advance by Engineers Geoscientists Manitoba of the upcoming survey;
 - ✓ A reminder email was sent on March 30th to those who had not completed the survey as of that date;
 - ✓ An incentive of a \$500 donation to a charity of their choice was offered to the winner of the prize draw.
- A total of 1,425 surveys were completed out of 8,210 email invitations sent to an active account, for an overall response rate of 17%.
- Survey data analysis was performed using the SPSS statistical software package.
- With a sample of 1,425, the margin of error is ± 2.6 percentage points, 19 times out of 20.

Profile of Respondents

- By Gender -

	Total (1,425) (%)	Women (198) (%)	Men (1,179) (%)
INCOME			
<\$100,000	53	67	50
\$100,000+	44	30	46
Not employed	3	3	3
YEARS IN PROFESSION			
Less than one year	3	3	3
1-4 years	14	25	12
5-9 years	16	21	15
10-20 years	28	36	27
20+ years	39	15	43

Profile of Respondents

- By Gender -

	Total (1,425) (%)	Women (198) (%)	Men (1,179) (%)
ORGANIZATION TYPE			
Government/Crown	26	37	24
Consulting	26	18	27
Private	34	34	34
Other (including Educational, Self-employed, Non-profit)	10	10	11
Retired	3	1	3
DESIGNATION			
P.Eng	77	66	79
P.Geo	4	5	4
EIT	18	27	17
GIT	1	2	1

Profile of Respondents

- By Gender -

	Total (1,425) (%)	Women (198) (%)	Men (1,179) (%)
MEMBERSHIP STATUS/AREA			
Registered/Regular	69	66	69
Assessment/Regular	5	5	5
MIT/Regular	18	28	17
YEARS OF MEMBERSHIP			
<5 years	43	58	41
5-9 years	16	13	16
10-19 years	17	21	16
20+ years	24	9	28



Survey Representation by Age

	Members (8,210) (%)	Survey Respondents (1,425) (%)
AGE		
18 . 34	23	25
35 . 54	47	46
55 . 70	24	24
71+	6	5
GENDER		
Male	89	86
Female	11	14
PROFESSION		
Engineer	96	97
Geoscientist	4	3

Category Definitions

The following categories represent the respondent member groups mentioned in this report and are found in the study's detailed tabular results:

GROUP:

- Professional Engineer
 - o P.Eng. suffix (can include FEC or C.D.), but listed member type as Registered/Regular
- Professional Geoscientist
 - o P.Geo. suffix (can include FGC), but listed member type as Registered/Regular
- Intern
 - o EIT or GIT, listed member type as MIT/Regular
- Retired/Life Member/Honorary Life Member
 - o P.Eng. or P.Geo. suffix (can include C.D., FEC, FGC), but listed member type as Honorary Life Member, Life Member, or Retired)
- Assessment/Other
 - o No suffix

ORGANIZATION:

- %Other+= Educational institutions, not-for-profits, self-employed
- *NOTE: Retired and unemployed are not included under the "Organization" category*



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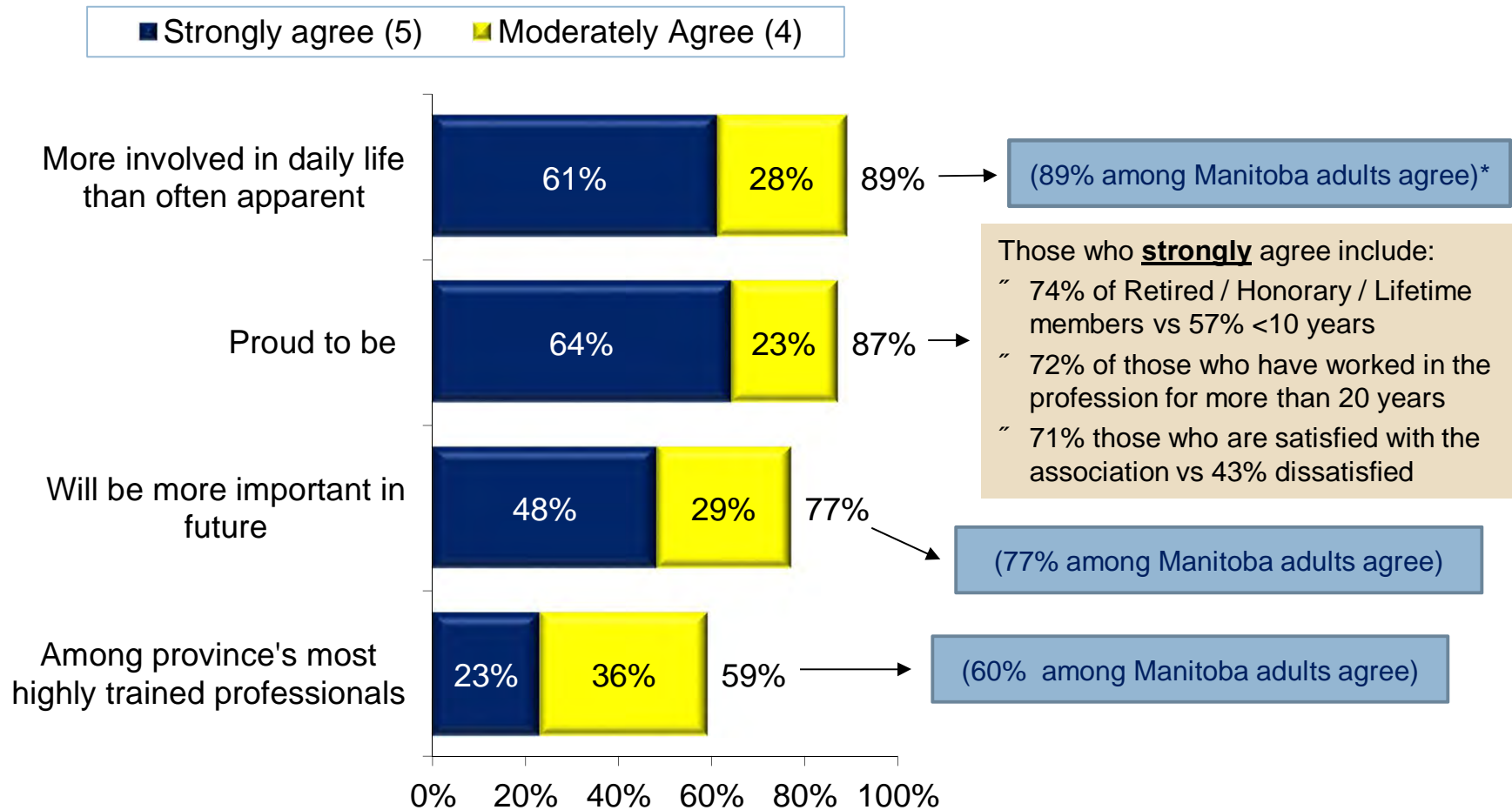
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Members and Engineering/ Geoscience Career Dimensions

Members' Attitudes Towards Engineering and Geoscience Profession and Careers

Q.1 "Please indicate if you agree or disagree with the following statements by using the 1-5 scale below where 1 means you "strongly disagree" and 5 means you "strongly agree". (n=1,425)

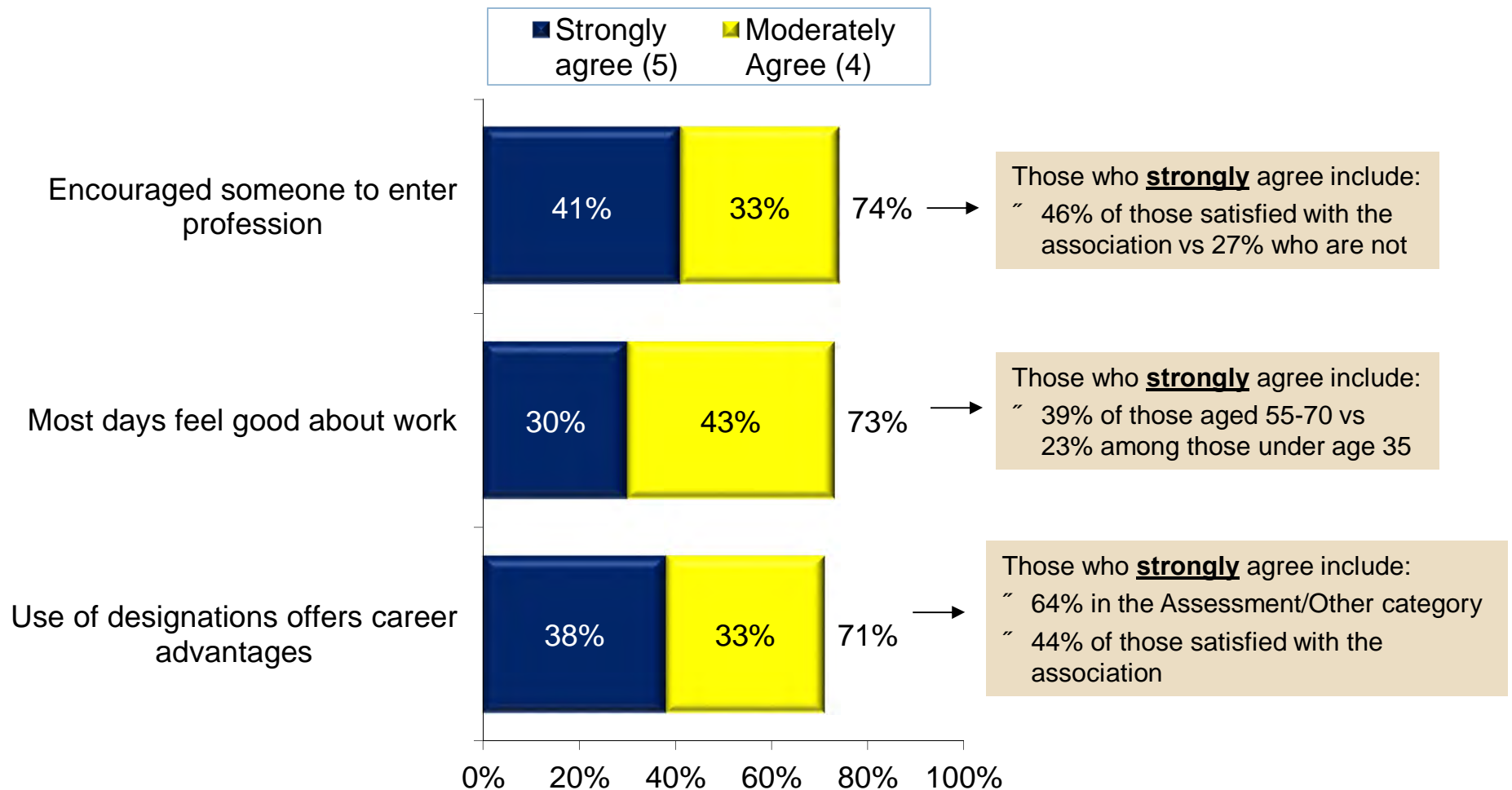


Base: All Respondents

*Results from Probe Research March 2017 Omnibus Survey among 1,000 Manitoba adults

Members' Attitudes Towards Engineering and Geoscience Profession and Careers

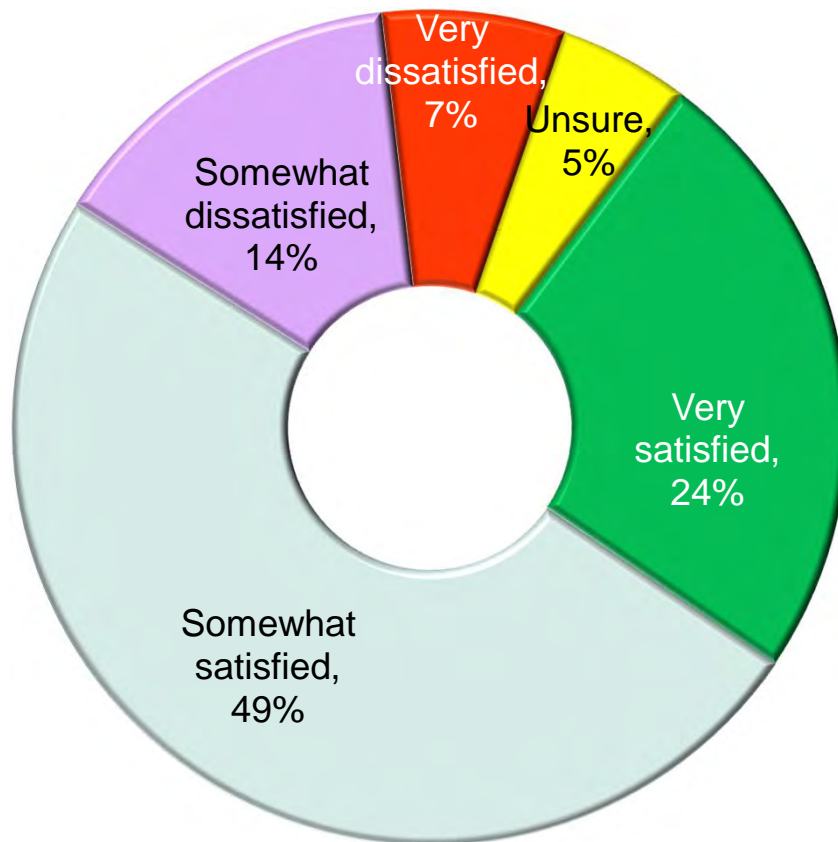
Q.1 "Please indicate if you agree or disagree with the following statements by using the 1-5 scale below where 1 means you "strongly disagree" and 5 means you "strongly agree". (n=1,425)



Base: All Respondents

Outlook on Current Remuneration

Q.DS7. "Overall, how satisfied are you with your salary?" (n=1,425)



Those "very" satisfied included:

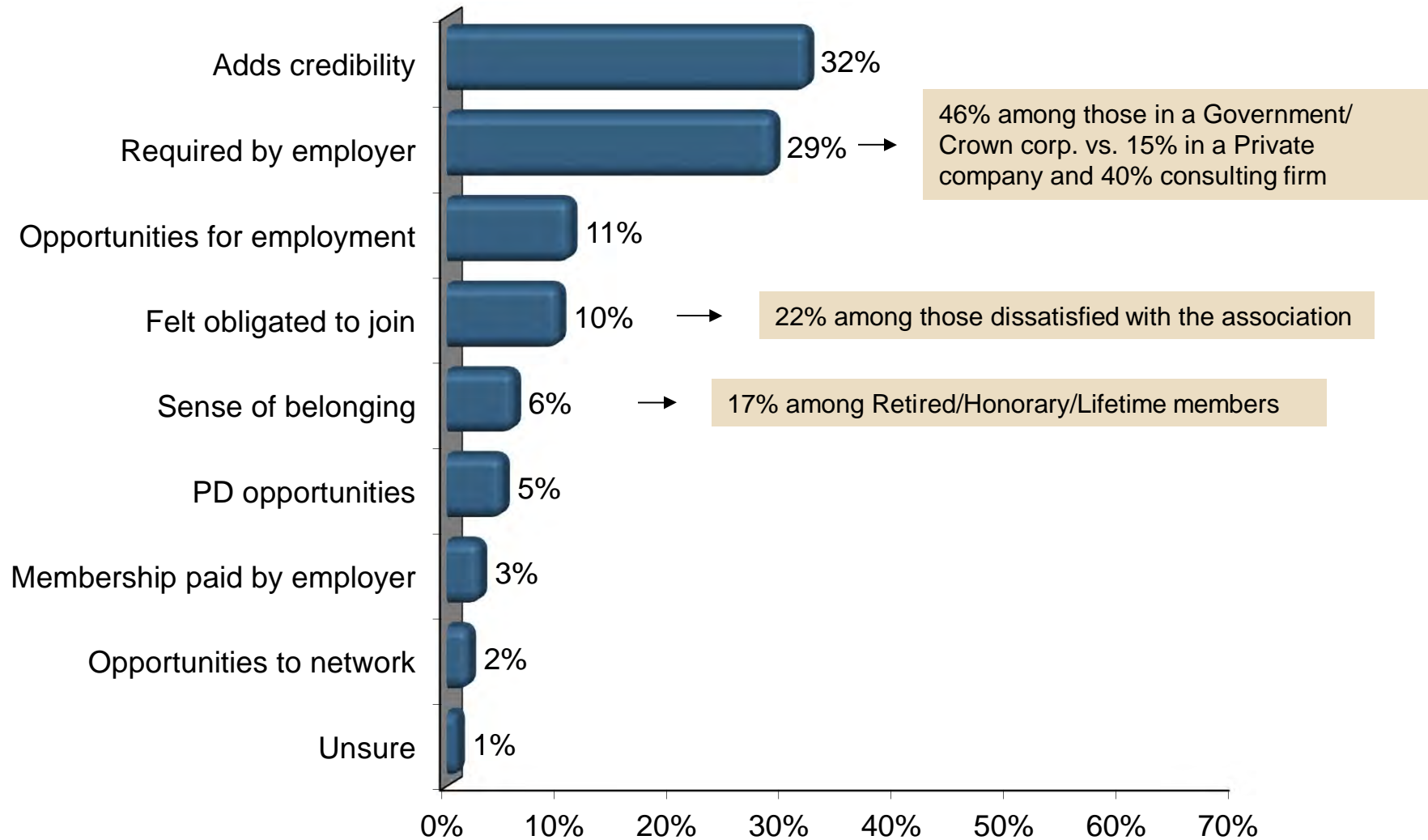
- " 24% of members overall vs only 8% of Assessment group and 13% of Interns
- " Those with 20+ years in the profession (33% vs 15% among those <10 years)
- " Those over 55 years (32% vs 18% among those under 35)



Member Engagement

Main Reasons for Becoming a Member

Q.2 *What are the main reasons you are a member of Engineers Geoscientists Manitoba?" (n=1,425)*

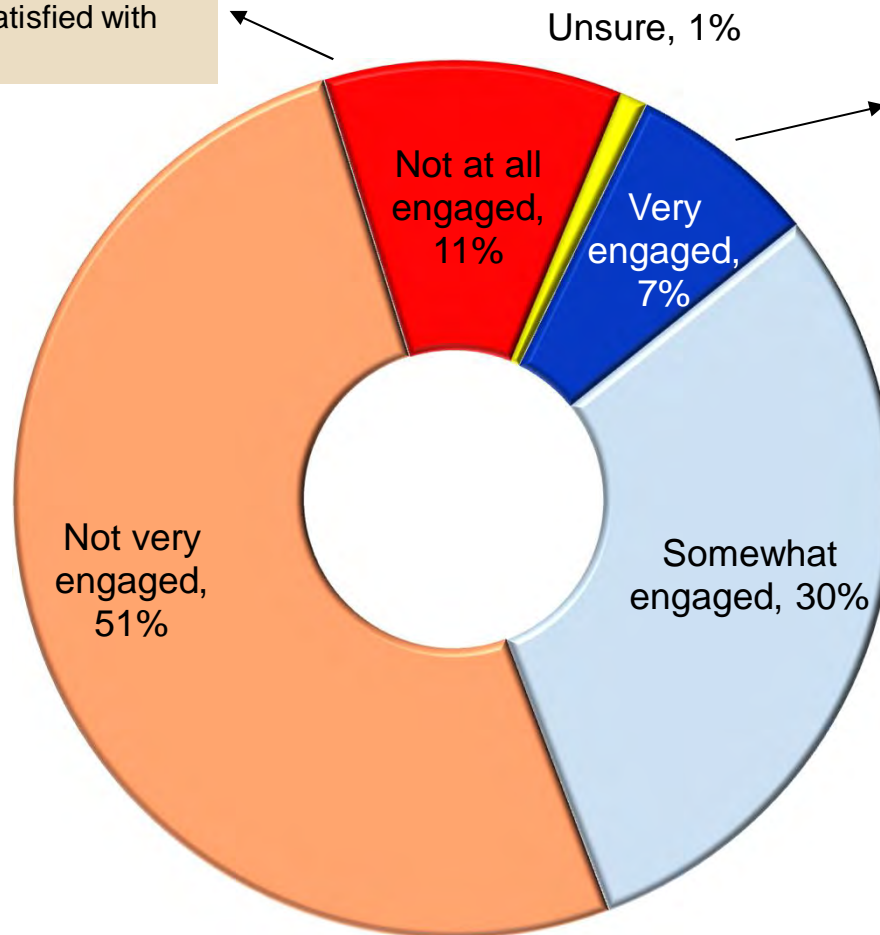


Base: All Respondents

Member/Association Engagement

Q.7 "Members have different levels of engagement with Engineers Geoscientists Manitoba. Would you say you are..." (n=1,425)

" 21% of those dissatisfied with the association

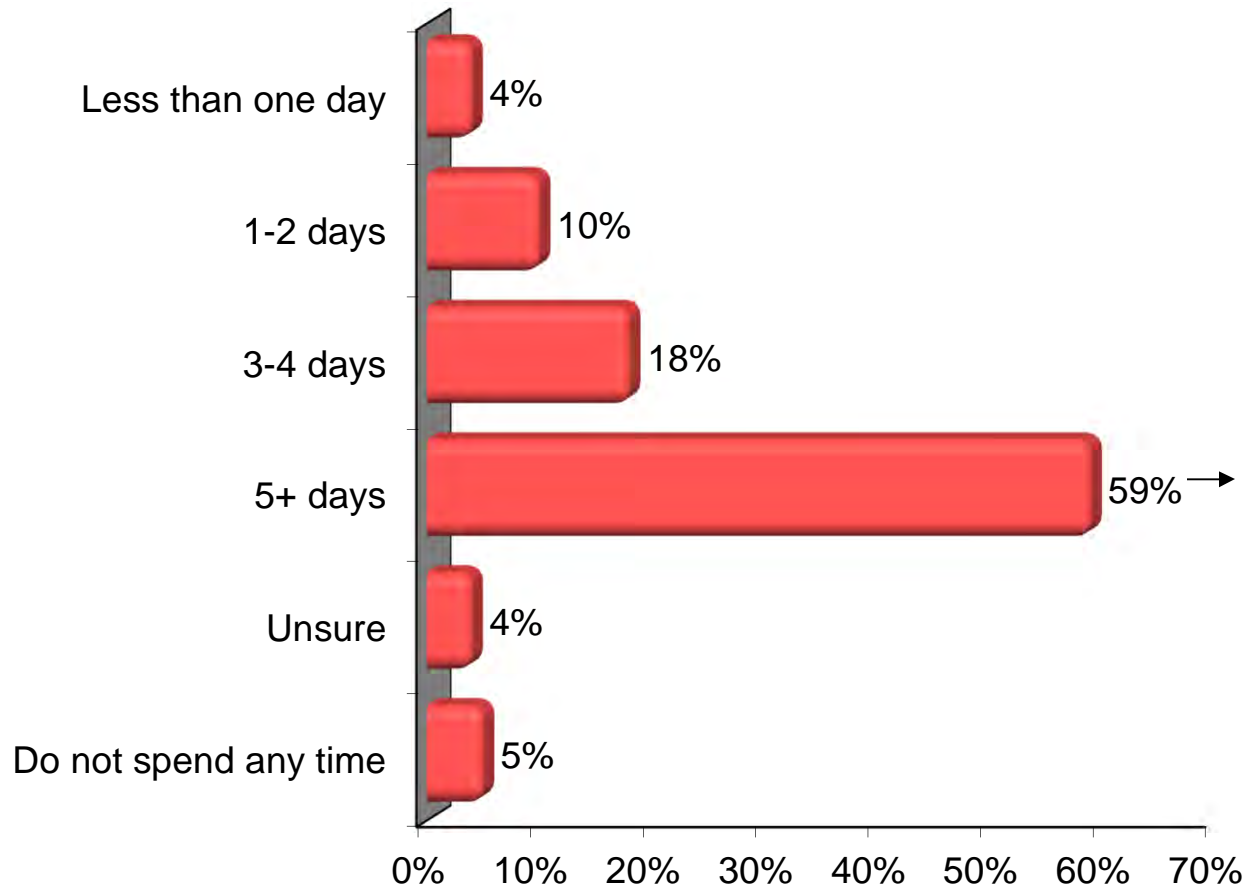


" 17% of those in %Other+types of organizations vs 4% among those in Consulting firms
" 18% among Retired/ Honorary/Lifetime members vs 3% among Interns
" 19% among those aged 71+ vs 3% among those under 35 years

Base: All Respondents

Estimate of Annual Professional Development Time Allocation

Q.8 "In a typical year, approximately how much time do you spend on formal engineer/geoscientist professional development (ProDev program), including participation in courses and conferences, and self-directed activities like reading professional journals?" (n=1,425)

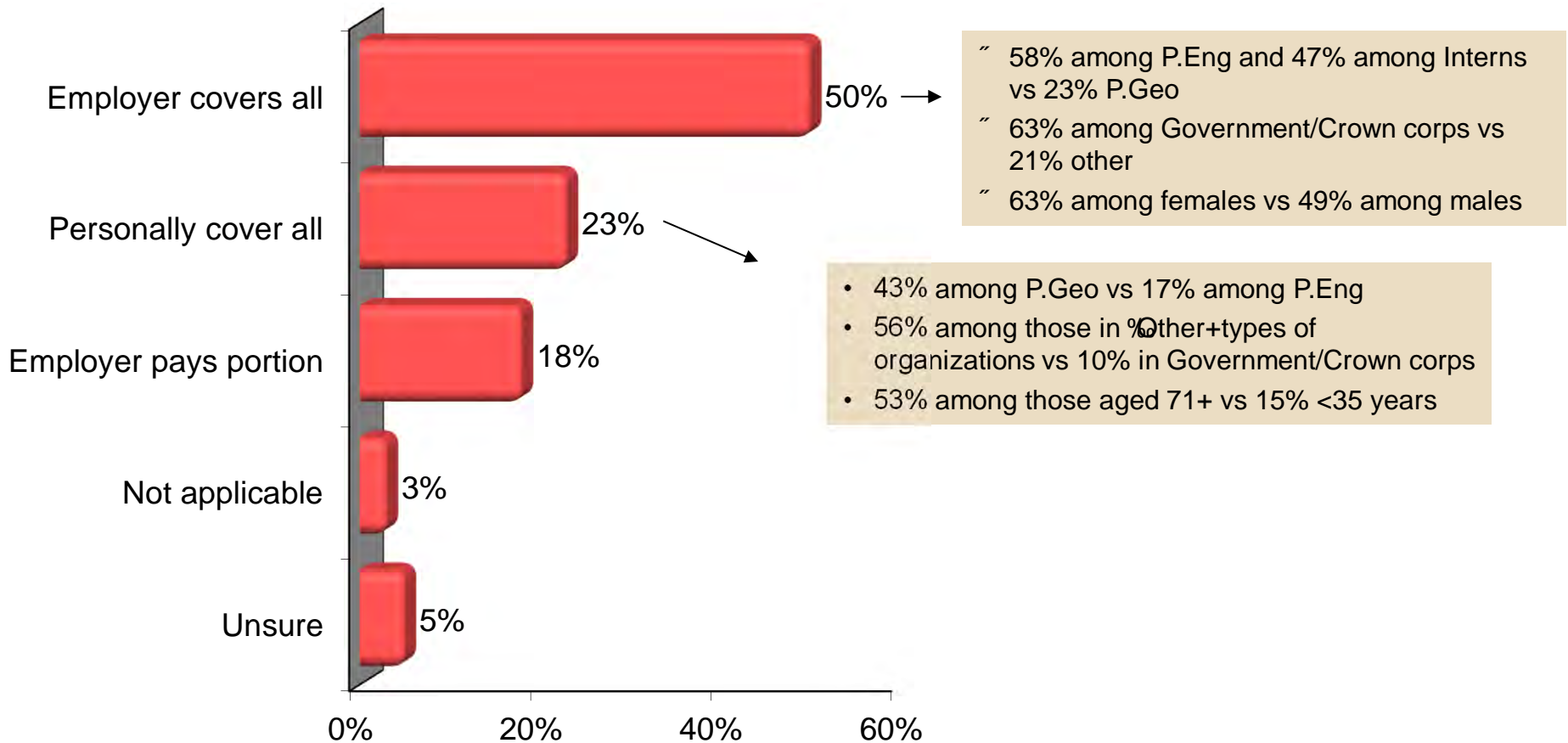


" 77% of P.Geo and 70% of P.Eng vs 37% of Interns
 " 66% among those with 20+ years and 65% 10 . 20 years in profession vs 46% among those <10 years
 " 66% among those aged 55-70 and 64% 35 . 54 vs 45% among those under 35 years

Base: All Respondents

Responsibility for Professional Development Costs

Q.9 "Do you personally pay for the engineer/geoscientist-related professional development courses (ProDev Program) and/or conference costs or are these costs covered by your employer?" (n=1,425)

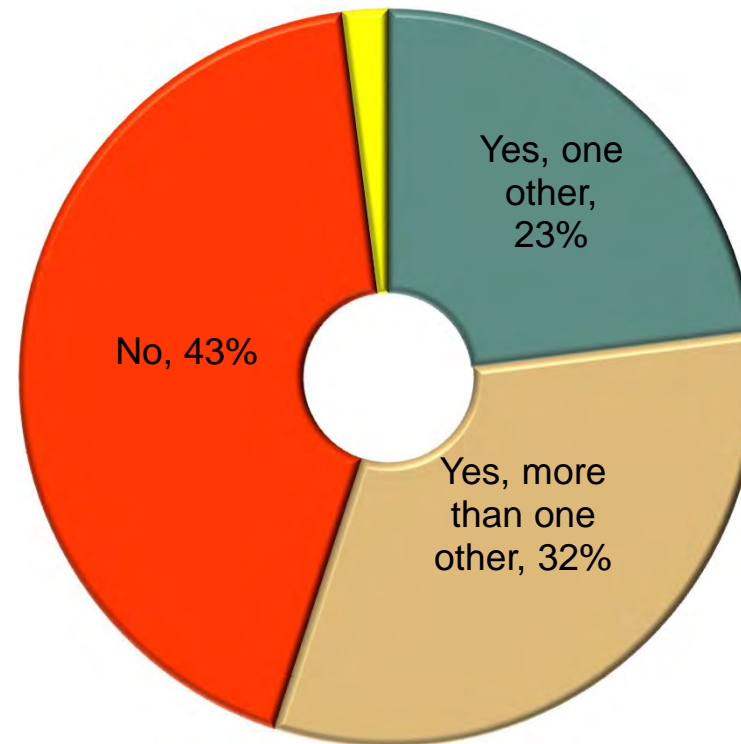


Base: All Respondents

Membership in Other Associations

Q.10. Outside of Engineers Geoscientists Manitoba, are you a member of one or more associations, institutes, societies or other bodies related to your profession? (n=1,425)

Unsure, 2%

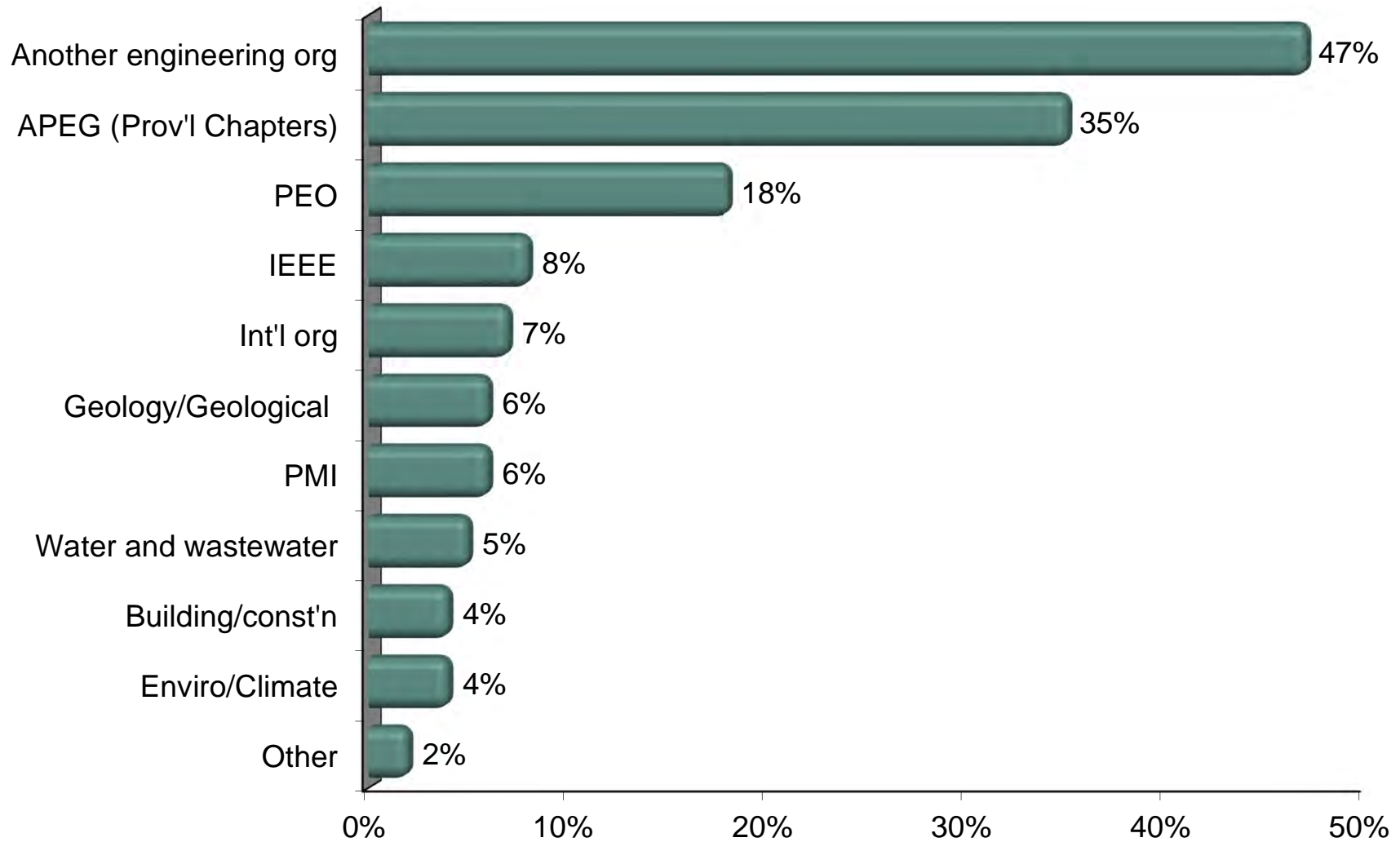


- " 65% of Interns vs 23% of P.Geo
- " 52% in a Private co. and 50% in government/Crown corp vs 24% in Consulting firm
- " 55% those with <10 years in the profession vs 34% those with 20+ years
- " 57% among those under 35 years old vs 34% those aged 55-70

Base: All Respondents

Membership in Other Associations (cont'd)

Q10b. "What are the names of these organizations?" (n=787)



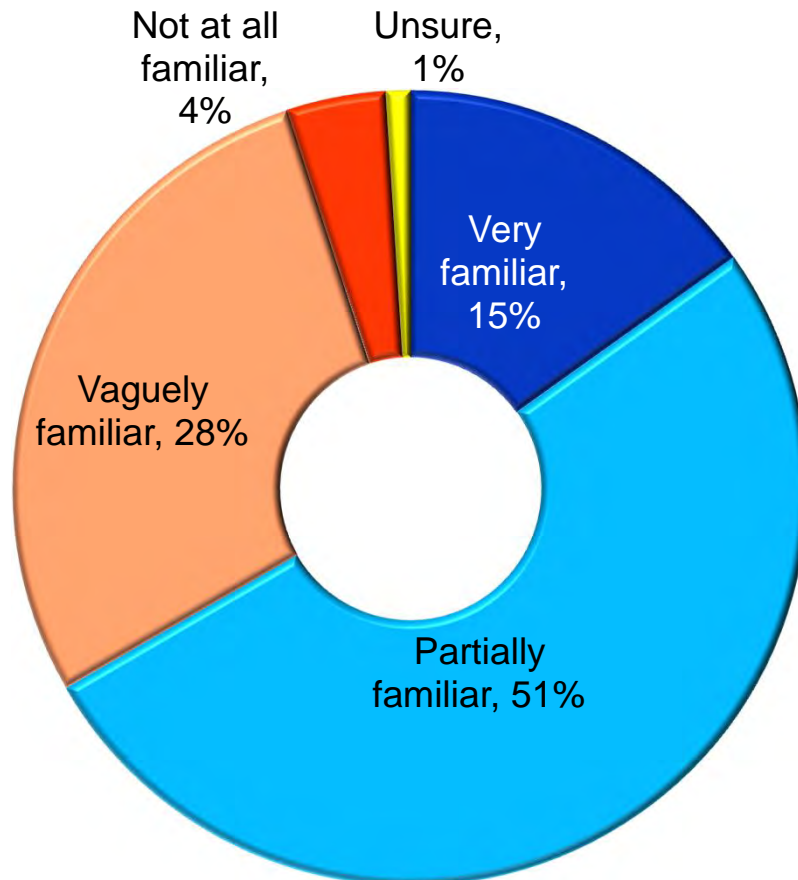
Base: All Respondents



Members and the Engineers Geoscientists Manitoba Organization

Familiarity with Association's Mandate

Q.4 "How familiar, if at all, are you of the various roles and activities Engineers Geoscientists Manitoba performs as part of its mandate?" (n=1,425)



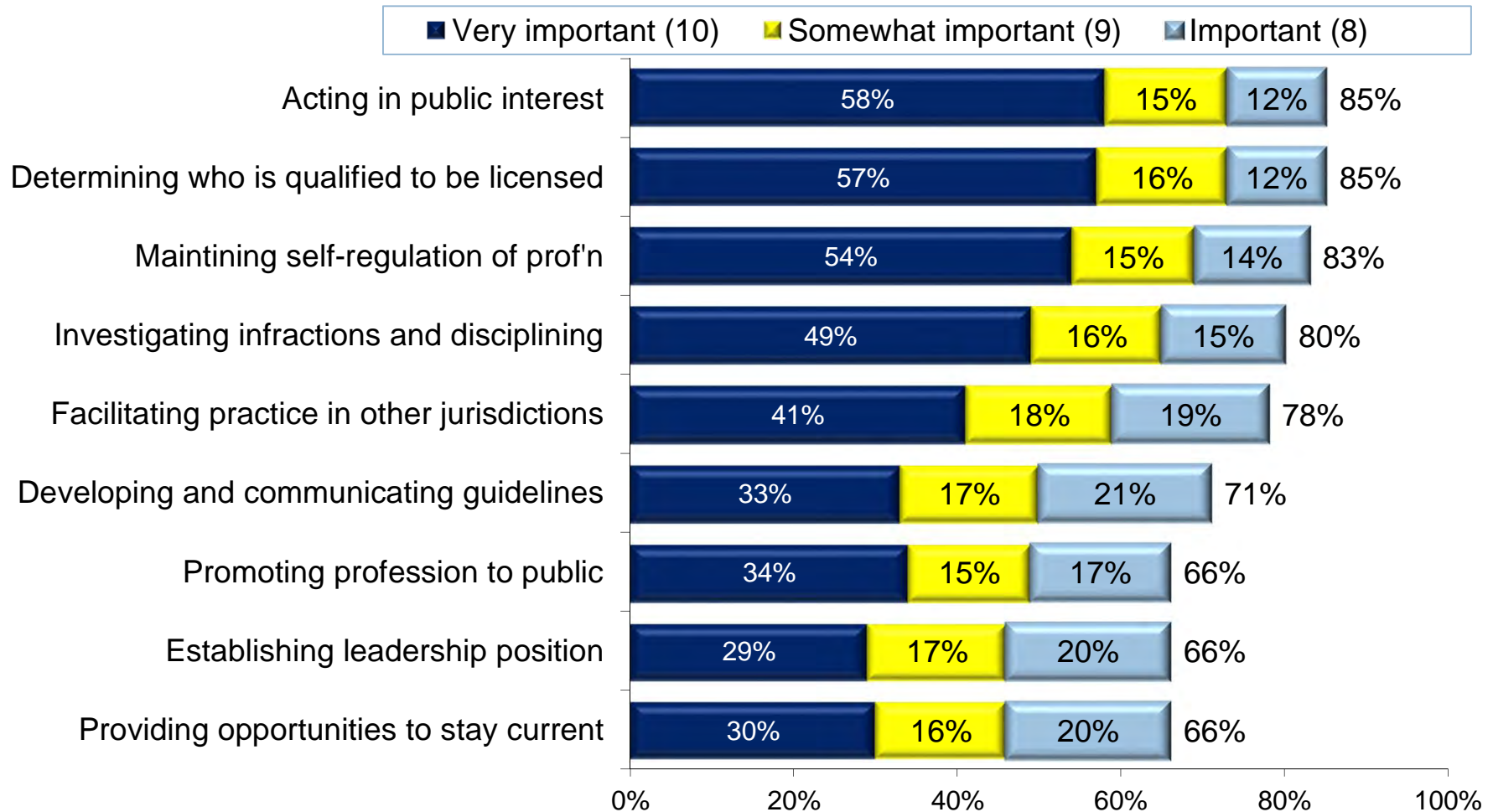
Those **very familiar** include:

- " 30% among P.Geo and 35% among Retired/HonoraryLifetime members vs 9% among Interns
- " 28% among those from %Other+types of organizations vs 10% among Private Cos.
- " 23% among those with 20+ years in the profession vs 9% among those with <10 years
- " 38% among those aged 71+ and 23% aged 55-70 vs 6% among those under 35 years of age

Base: All Respondents

Importance of Fulfilling Selected Mandate Components

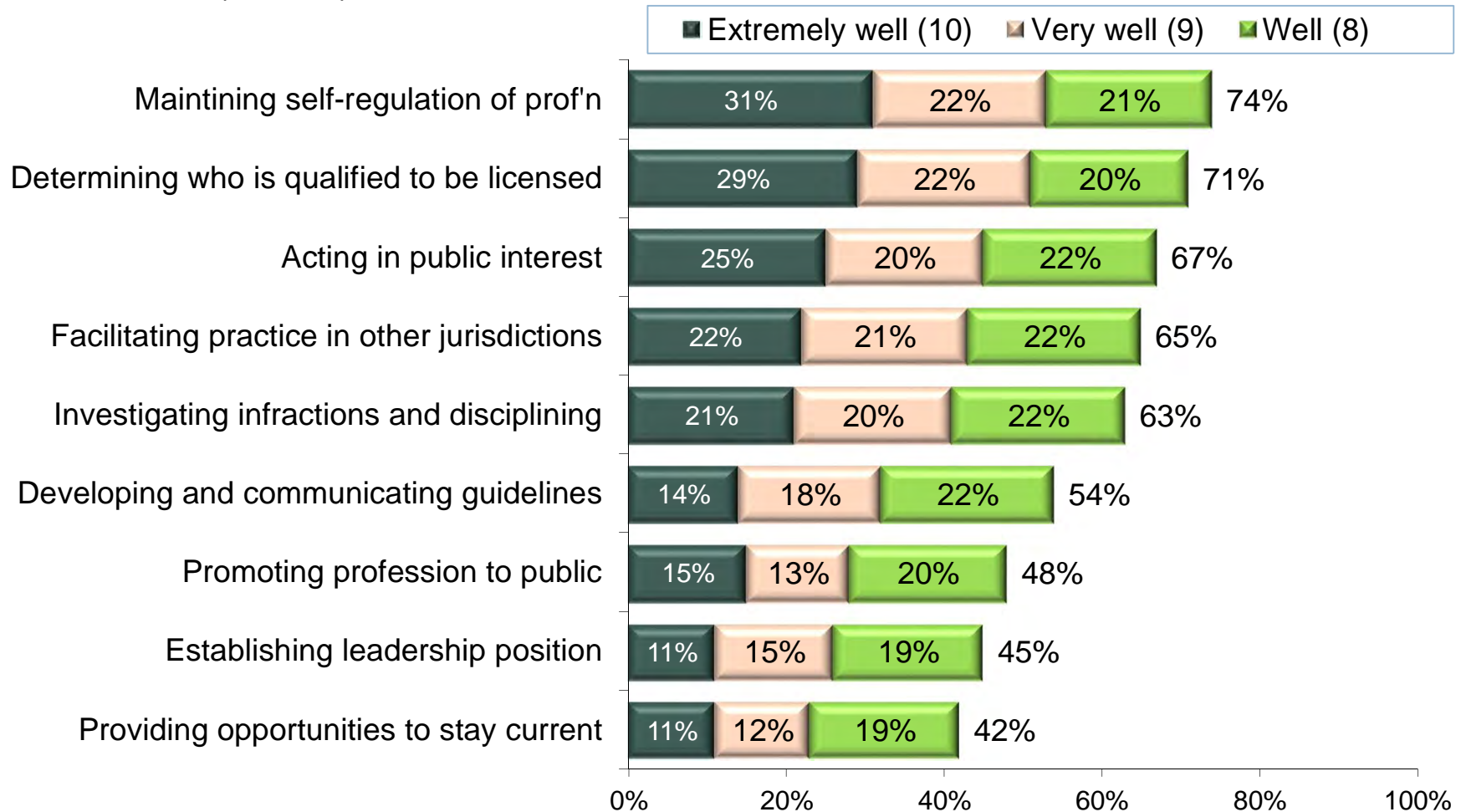
Q.5 “Engineers Geoscientists Manitoba’s main roles are to regulate the practice of professional engineering and professional geoscience in Manitoba, as well as to promote and provide support for its members. For each statement below, please indicate overall, how important it is to you that Engineers Geoscientists Manitoba fulfills this role or function.” (n=1,425)



Base: All Respondents

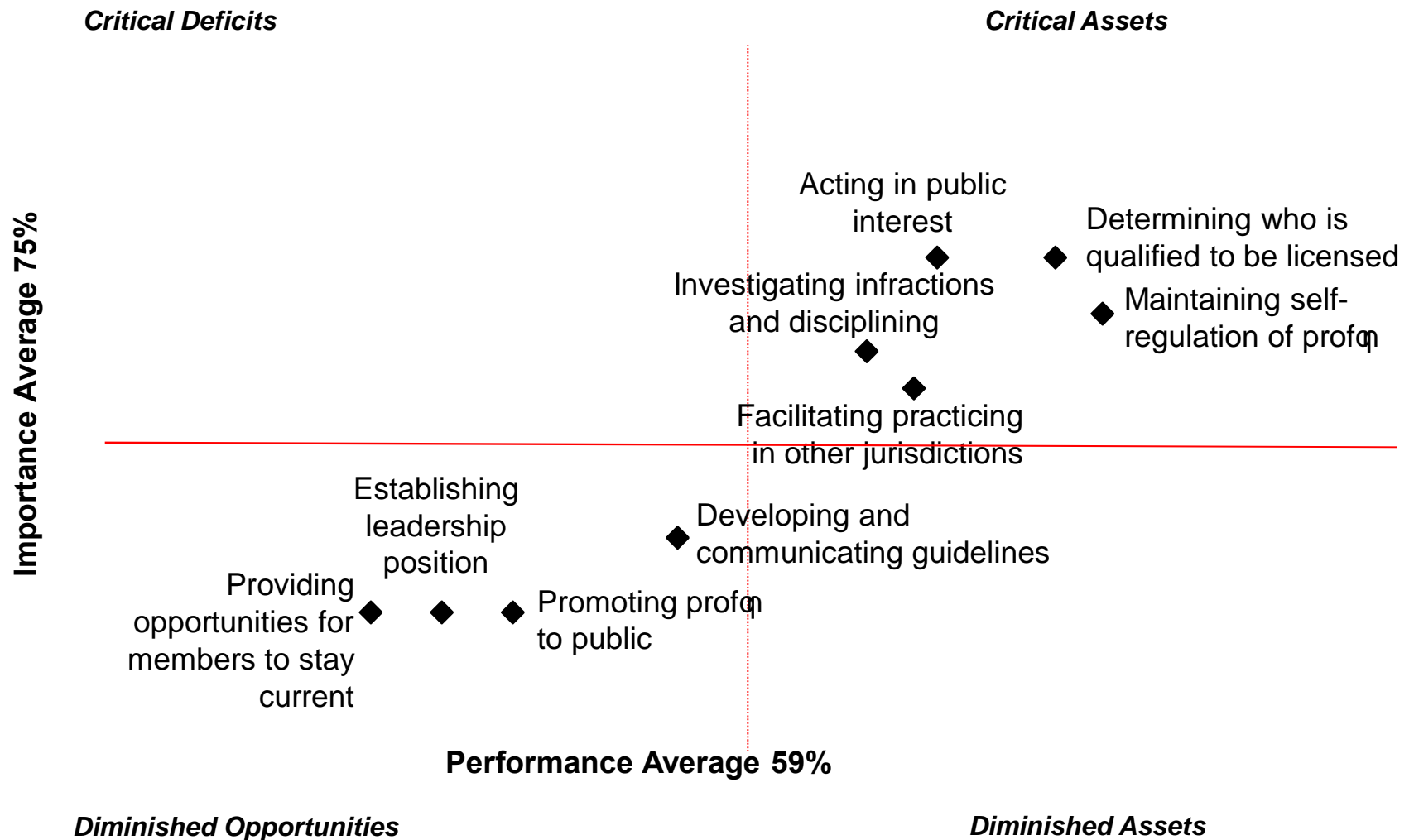
Performance of Association in Fulfilling Selected Mandate Components

Q.6 “Now, thinking about these same roles or functions, how would you rate Engineers Geoscientists Manitoba’s performance on each? Please use the 1-10 scale below again where 1 means Engineers Geoscientists Manitoba’s performance is “very poor” and 10 means Engineers Geoscientists Manitoba is performing “extremely well” on this front.” (n=1,425)



Base: All Respondents with an opinion

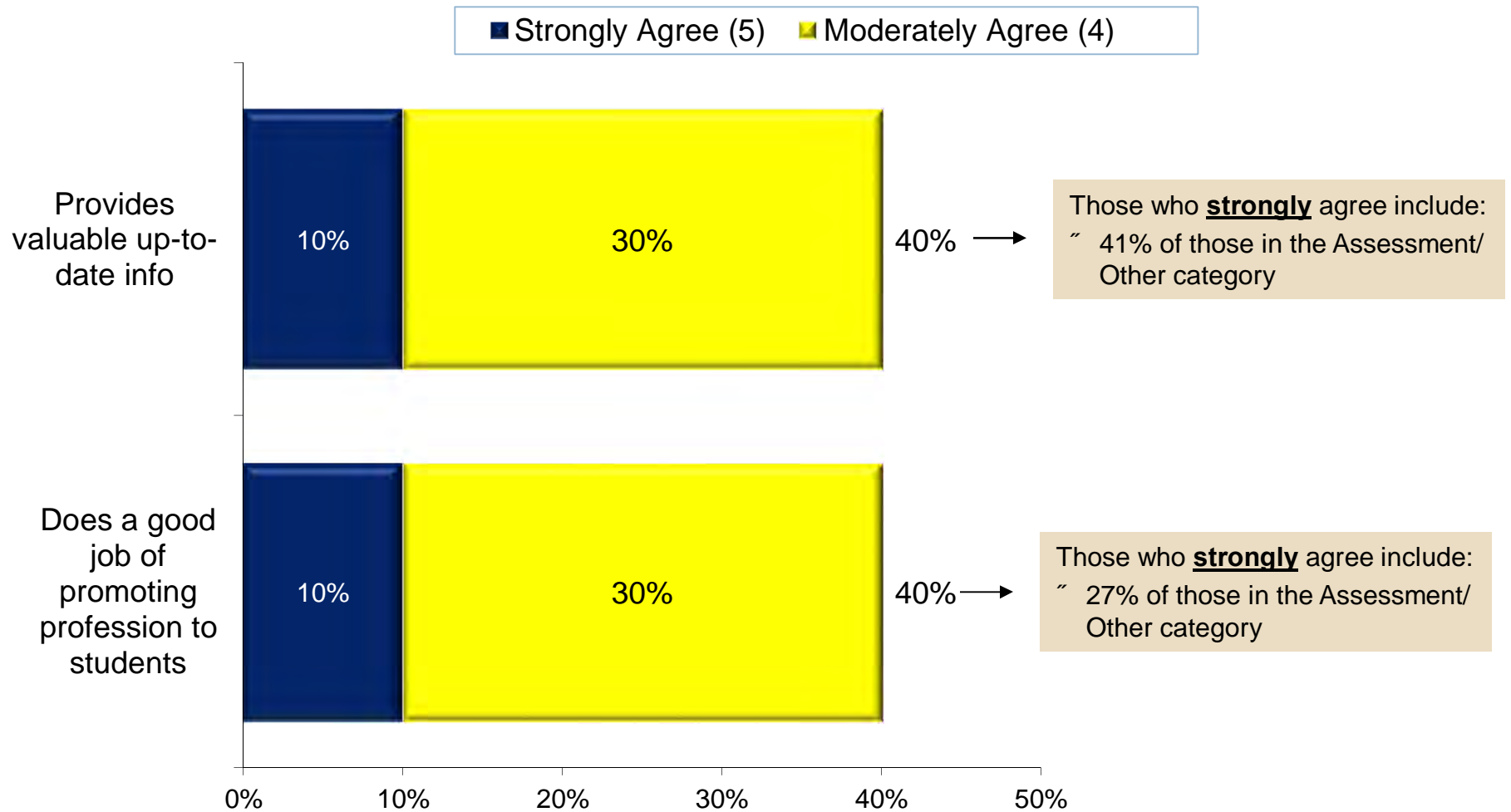
Engineers Geoscientists Manitoba Members Quadrant Analysis 2017



*Based on the %, 9 and 10+ ratings among all members for the % importance+ and those with an opinion for % performance+ ratings (e.g. % unsure+ responses have been removed and results recalculated)

Members' General Attitudes Towards the Association

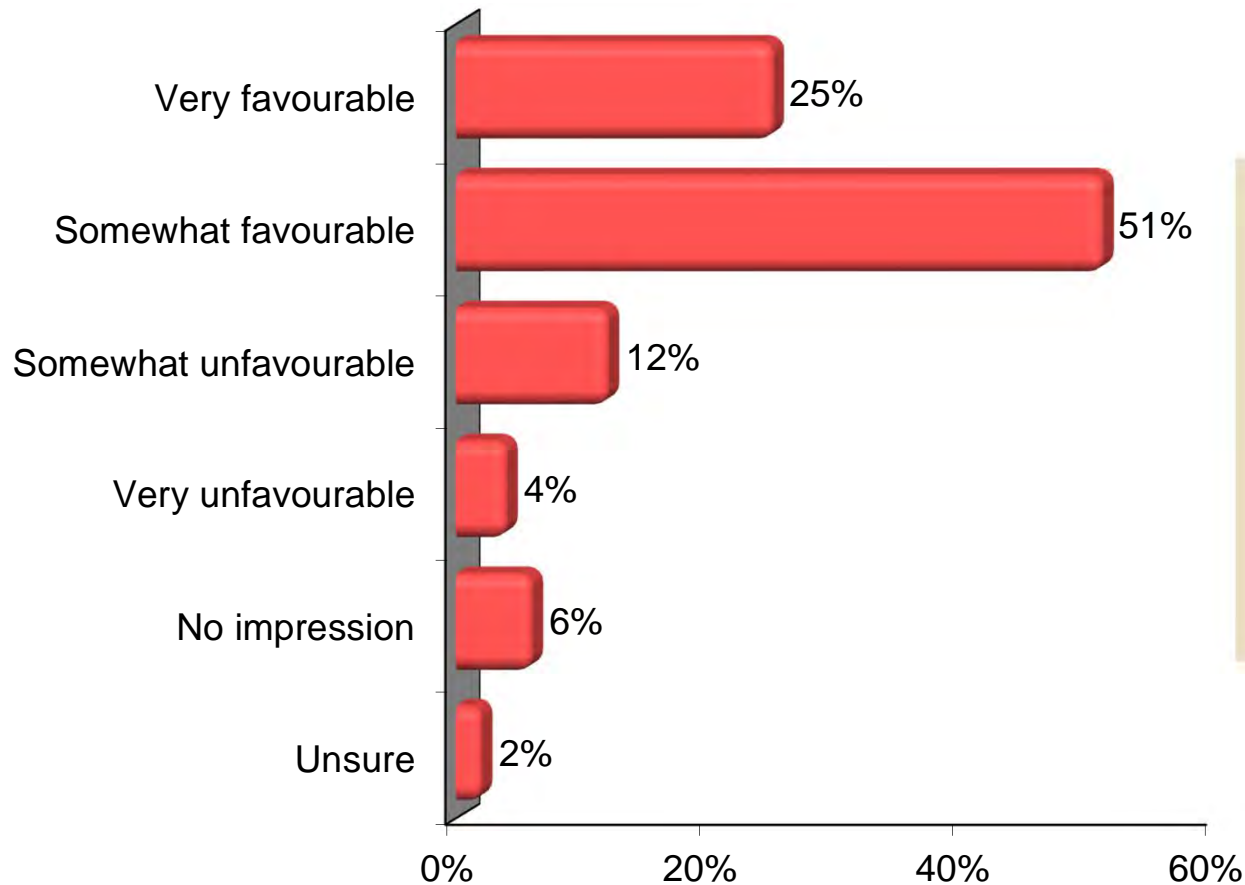
Q.1 "Please indicate if you agree or disagree with the following statements by using the 1-5 scale below where 1 means you "strongly disagree" and 5 means you "strongly agree". (n=1,425)



Base: All Respondents

Overall Impression of Engineers Geoscientists Manitoba

Q.11 "What is your overall impression of Engineers Geoscientists Manitoba? Would you say you have a ...?"
(n=1,205)



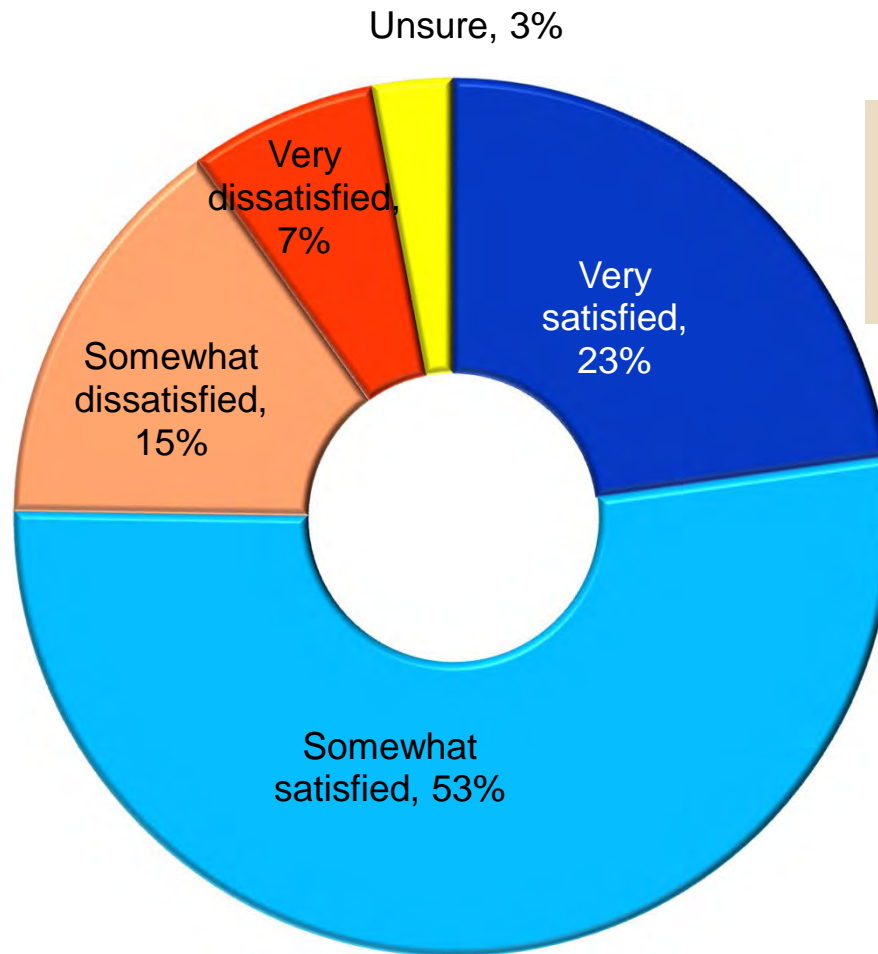
Those with a **very** favourable+ impression included:

- " Those with 20+ years in the profession (32% vs 19% among those with less)
- " Men (27% vs 18% among women)
- " Those over 71 years of age (35% vs 13% among those under 35 years)
- " 32% among those satisfied with the association (vs 2% those dissatisfied)

Base: All Respondents

Overall Satisfaction with Association

Q.3 "All things considered, please indicate how satisfied you are with Engineers Geoscientists Manitoba overall. This refers to all aspects of this association and its overall value to you." (n=1,425)



Those least likely to be **very** satisfied included:

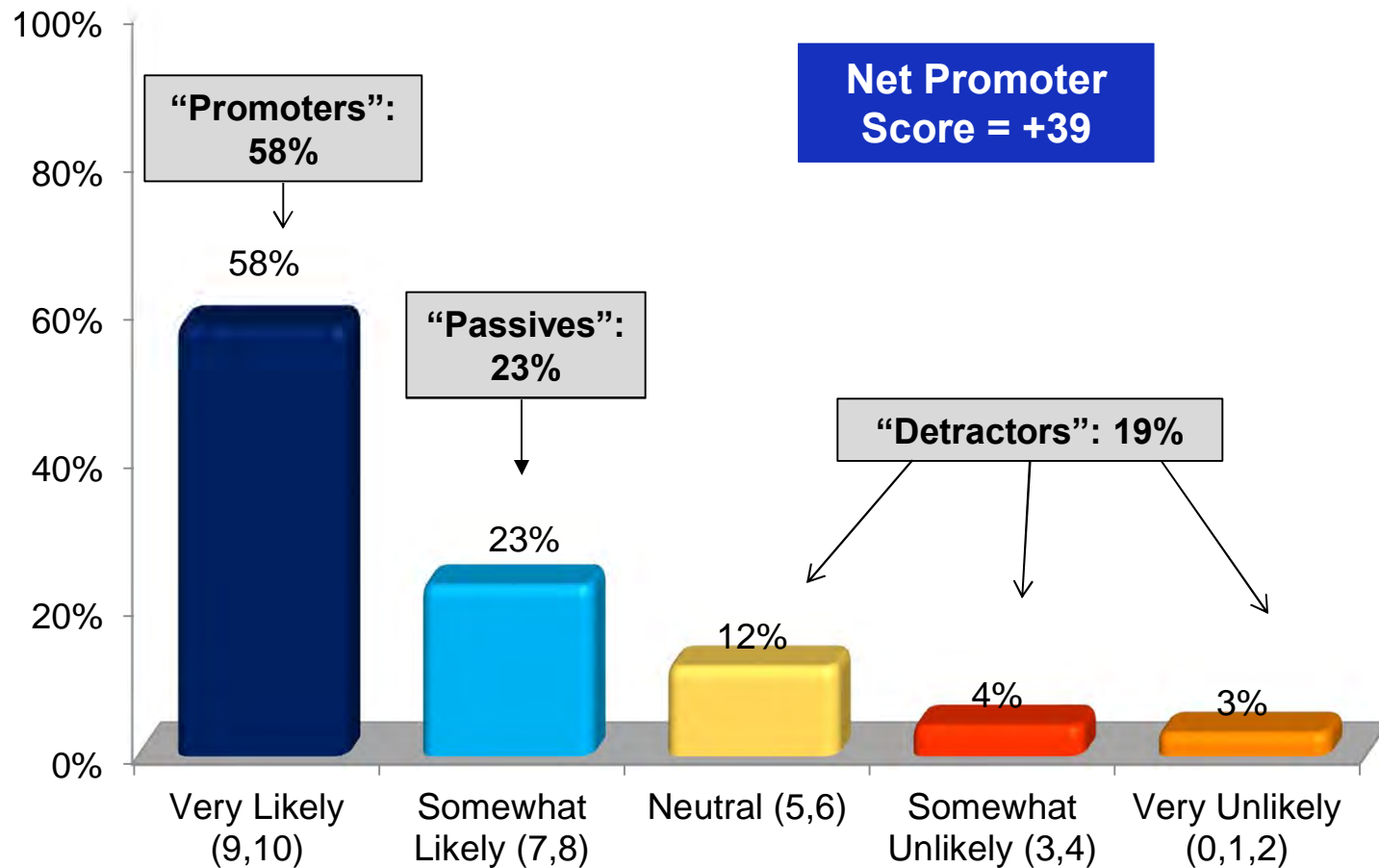
- " Those under age 35 (12%)
- " P.Geo (15%)
- " Interns (12%)

Base: All Respondents

Likelihood of Recommendation

- Net Promoter Score -

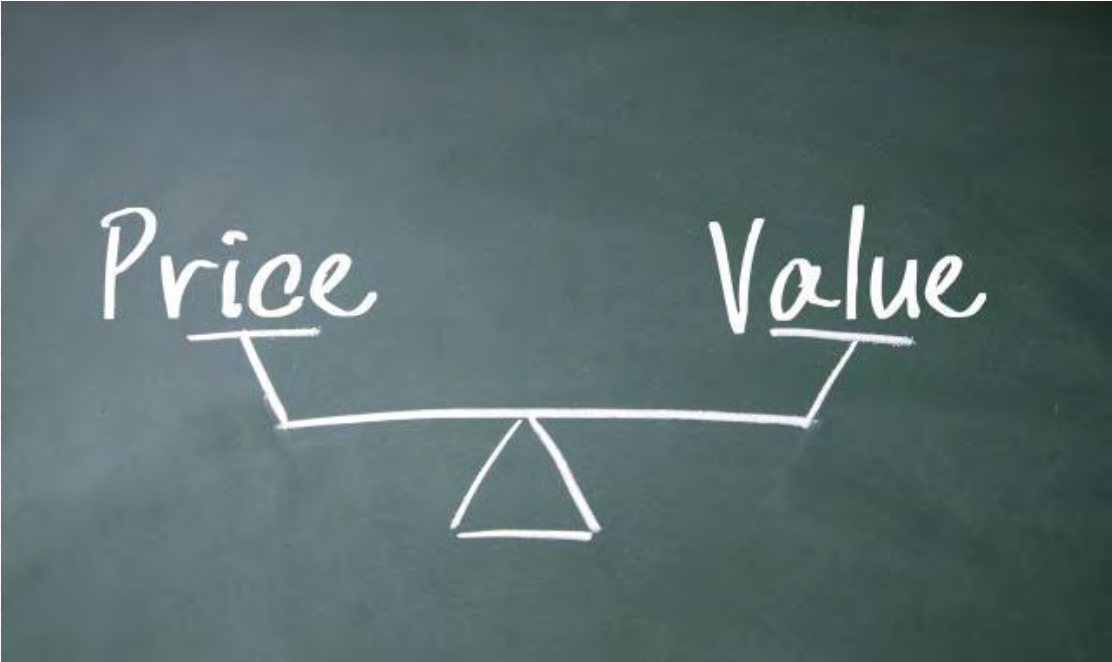
Q.12 "How likely are you to recommend membership in the Engineers Geoscientists Manitoba to a colleague or acquaintance who is involved in the engineering/geoscientist profession? Let's us a 0-10 scale this time where a "0" means you would definitely not recommend Engineers Geoscientists Manitoba membership and "10" means you would definitely recommend becoming a member." (n=1,205)



Promoters include:

- " P.Eng (60% vs 44% among Interns)
- " Consulting firm employees (63% vs 52% among those in Private Cos.)
- " Those who have been in the profession for more than 20 years (67% vs 52% among all others)
- " Those aged 71+ (81% vs 49% among those less than 35 years)

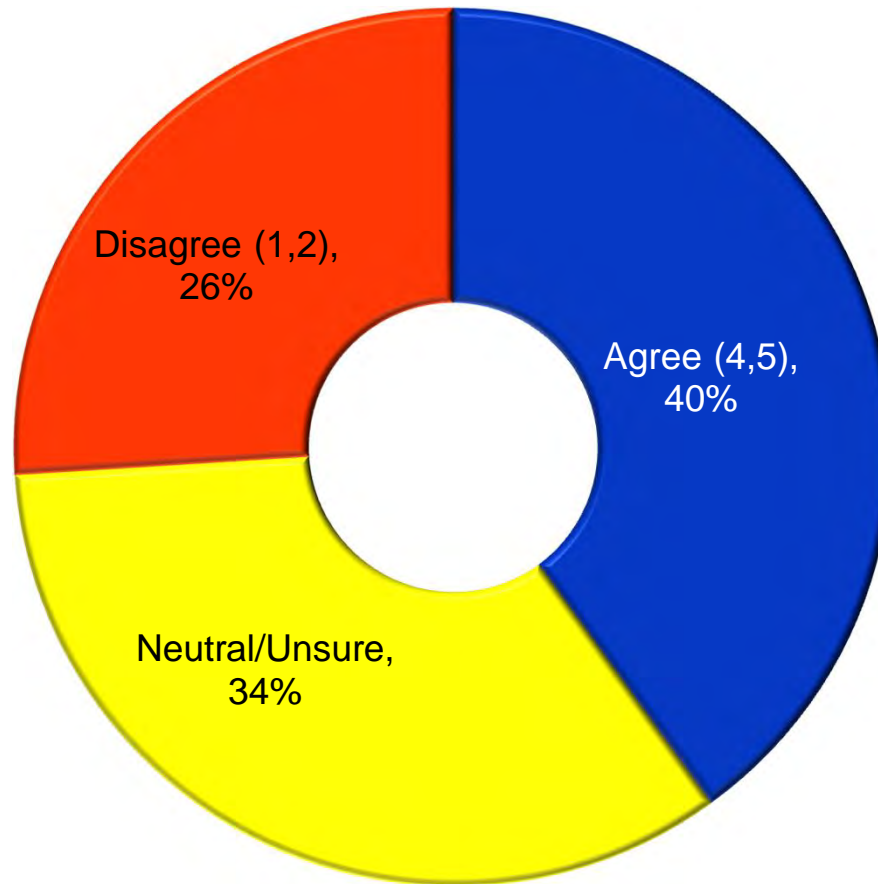
Base: All Respondents



Value Considerations

Members' General Attitudes Towards Value for Dues

Q.1 "Please indicate if you agree or disagree with the following statements by using the 1-5 scale below where 1 means you "strongly disagree" and 5 means you "strongly agree". I receive good value for the dues I pay to Engineers Geoscientists Manitoba." (n=1,425)



Those **least** likely to agree include:

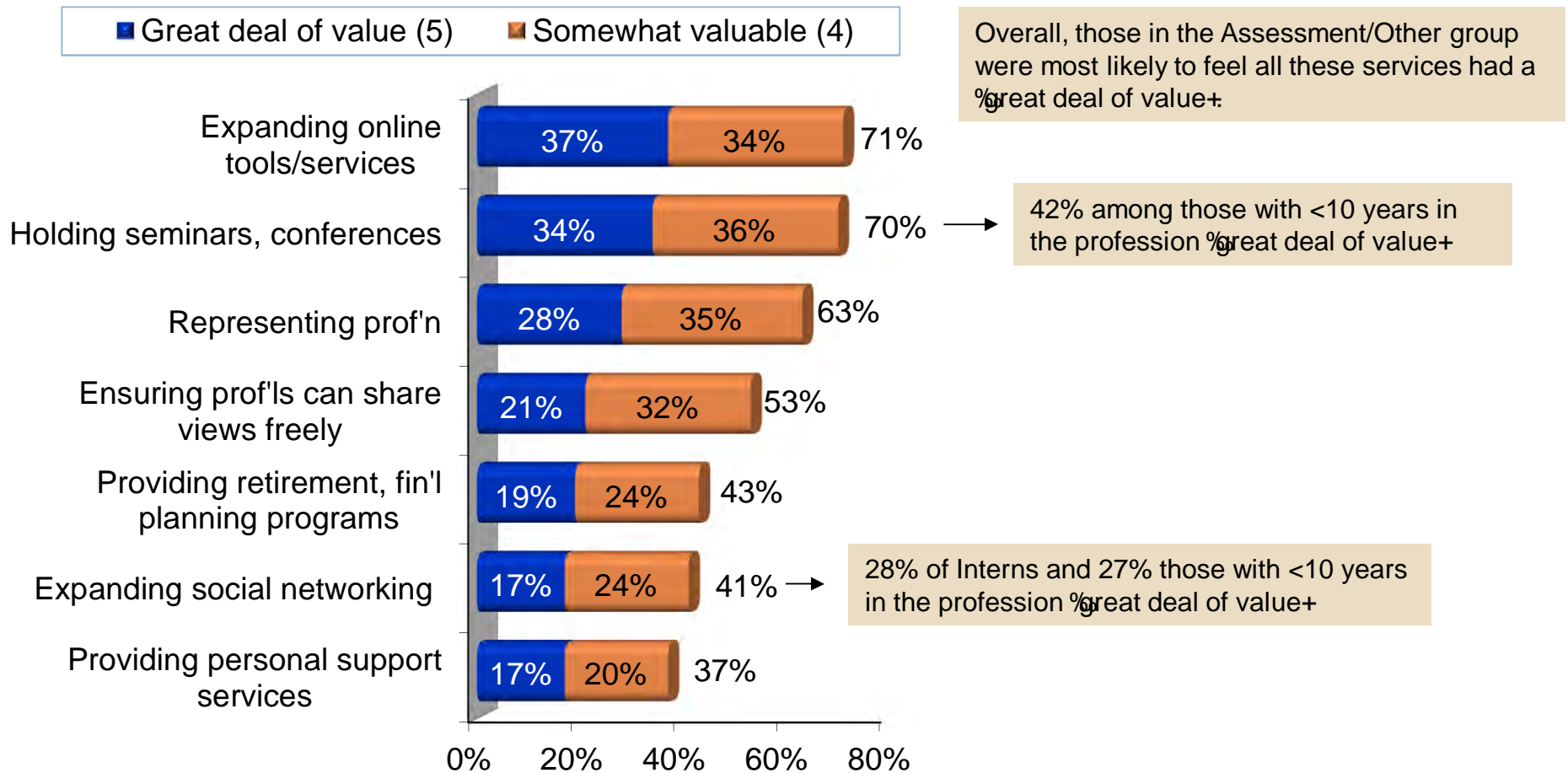
- " P.Geo (26%)
- " Those under 35 years of age (31%)
- " Those who are dissatisfied with the association (9%)

Those **most** likely to agree include:

- " Those in the Assessment group (59%)
- " Those who work for other types of organizations (54%)

Existing Services Value Assessment

Q.14 “Engineers Geoscientists Manitoba currently offers or is considering expanding the following services to its members. Please indicate how much value, if any, the following services add for you as a member of Engineers Geoscientists Manitoba. Please use the 1-5 scale below where “1” means this “does not add any value at all”, and “5” means this “adds a great deal of value” for you as a member of Engineers Geoscientists Manitoba.” (n=1,425)



Base: All respondents with an opinion



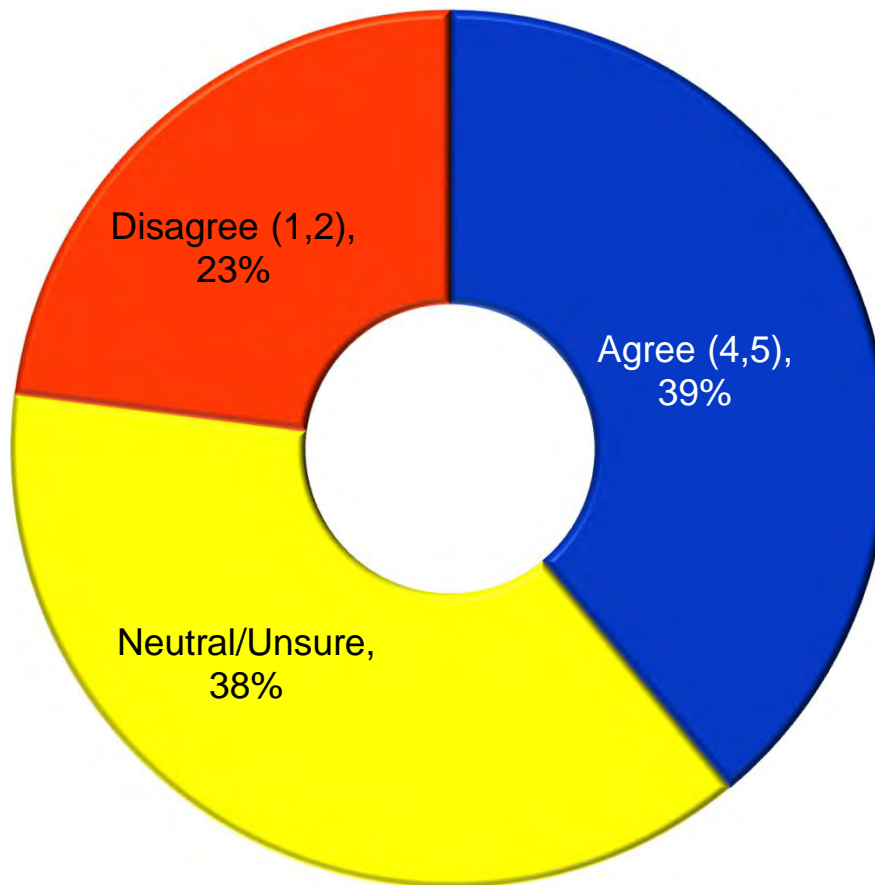
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Government Relations

Views on Adequacy of Government Relations Info and Updates

Q.1 *“Please indicate if you agree or disagree with the following statements by using the 1-5 scale below where 1 means you “strongly disagree” and 5 means you “strongly agree+. I am getting enough detailed information from the Association regarding its dealings with the government on behalf of members.” (n=1,425)*

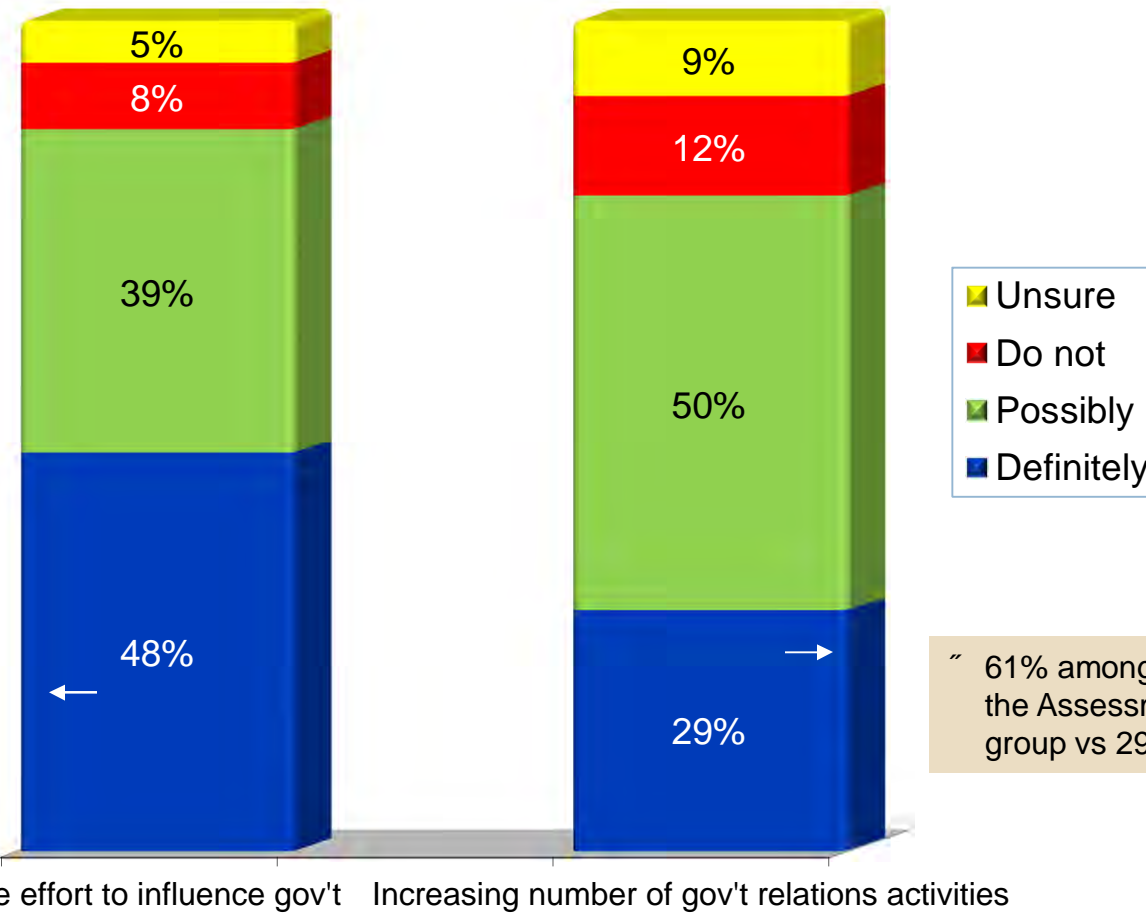


“ 67% among those in the Assessment Group agree+ vs 32% among Interns
“ 47% among those satisfied with the association vs 14% among those who are dissatisfied

Base: All Respondents

Members' Views on Increasing Gov't Efforts

Q.13 "There are a variety of new initiatives or directions that Engineers Geoscientists Manitoba could pursue in the future. For each initiative presented below, please indicate whether or not you would like to see Engineers Geoscientists Manitoba moving in this direction. More effort to influence government and the shaping of public policy; Increasing the number of government relations activities the association is involved in." (n=1,205)

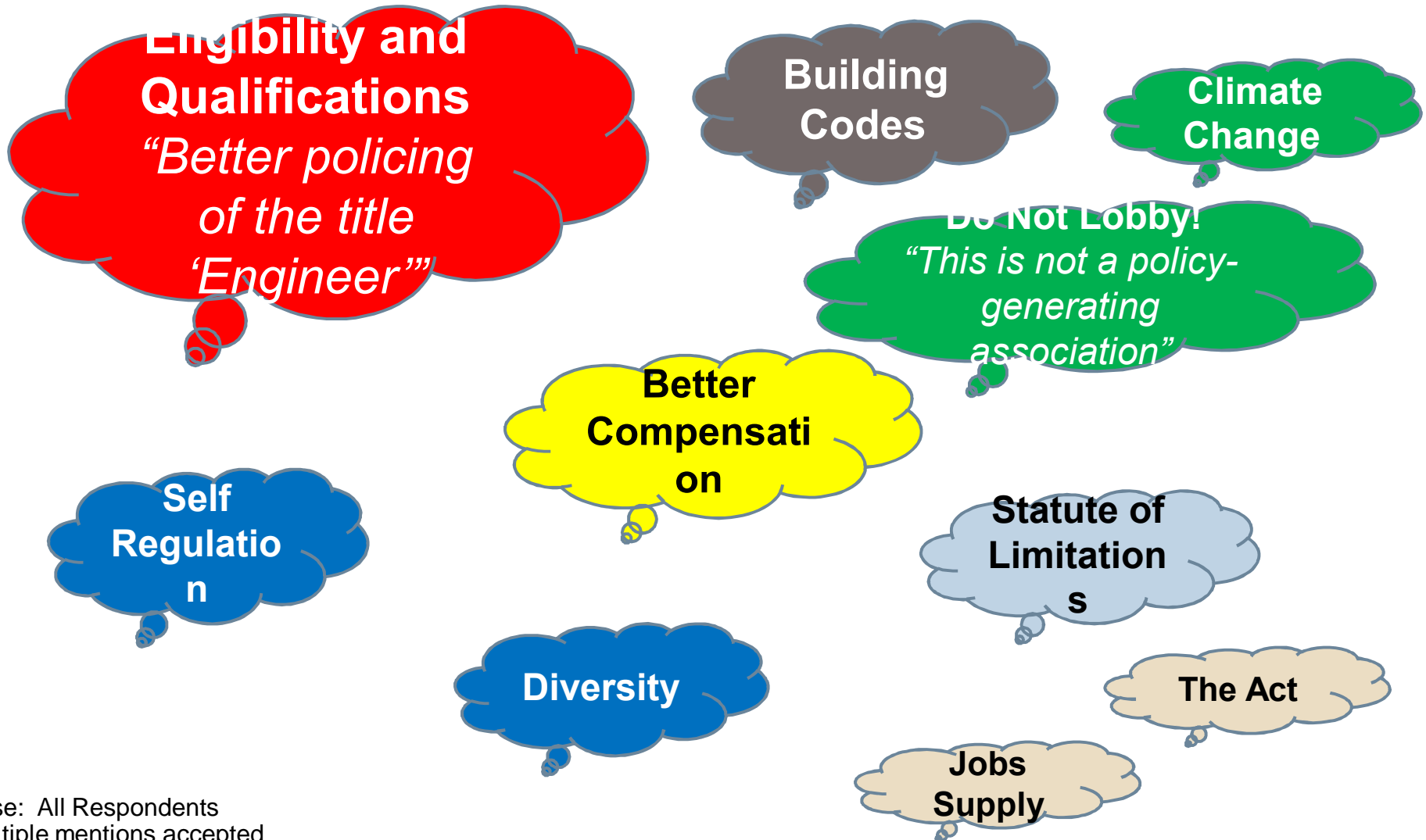


" 56% among those working in Consulting firms vs 42% among those from Government/ Crown corps

" 61% among those in the Assessment/ Other group vs 29% overall

Member Advice on Lobbying Focus

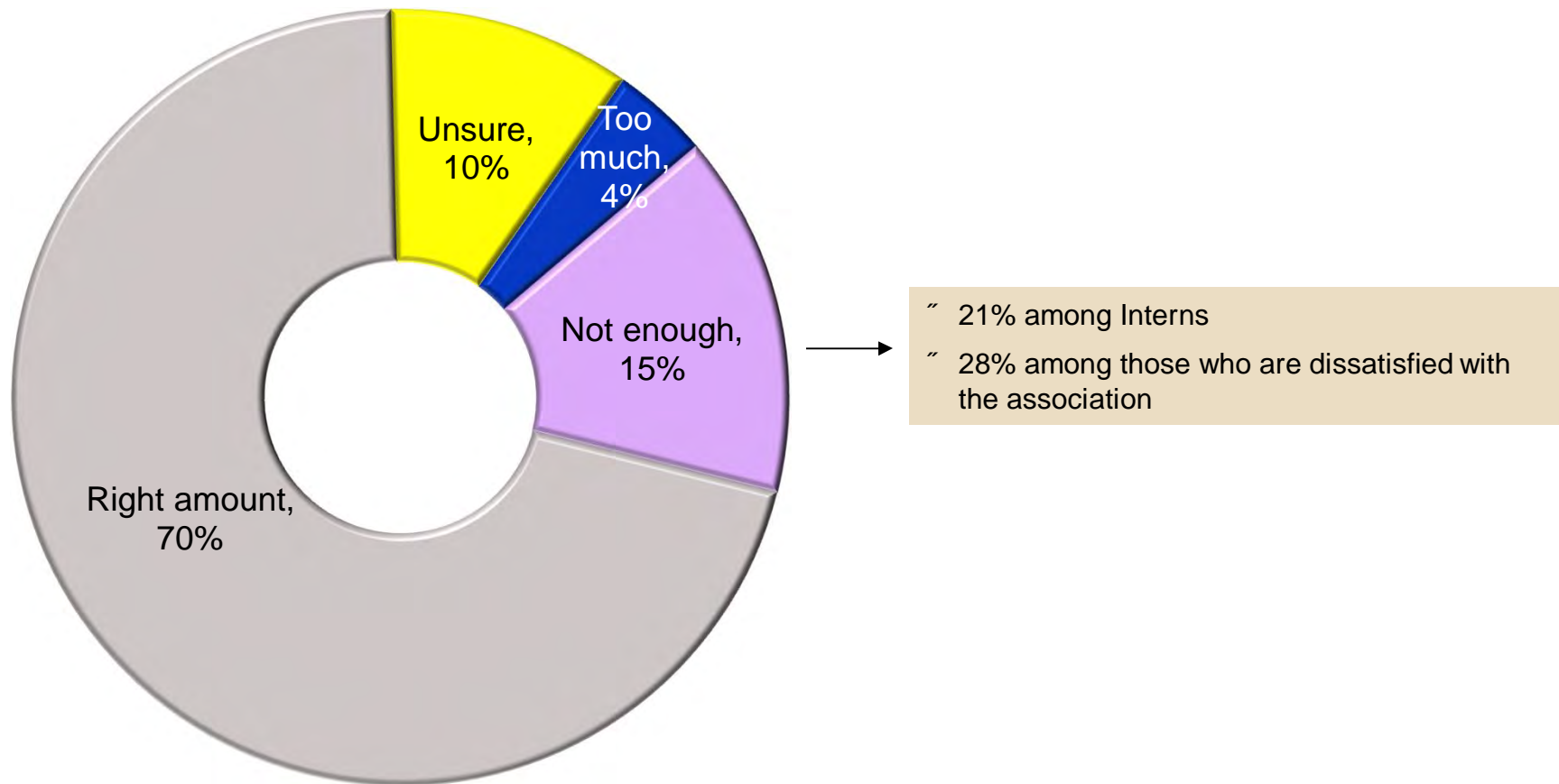
Q.21 "What, legislation, regulation, policy and/or codes, if any, would you like to see the Association lobby the government for the purpose of helping the public and the engineering/geoscience industry?" (n=1,425)



Base: All Respondents
* Multiple mentions accepted

Adequacy of Association Information Volume

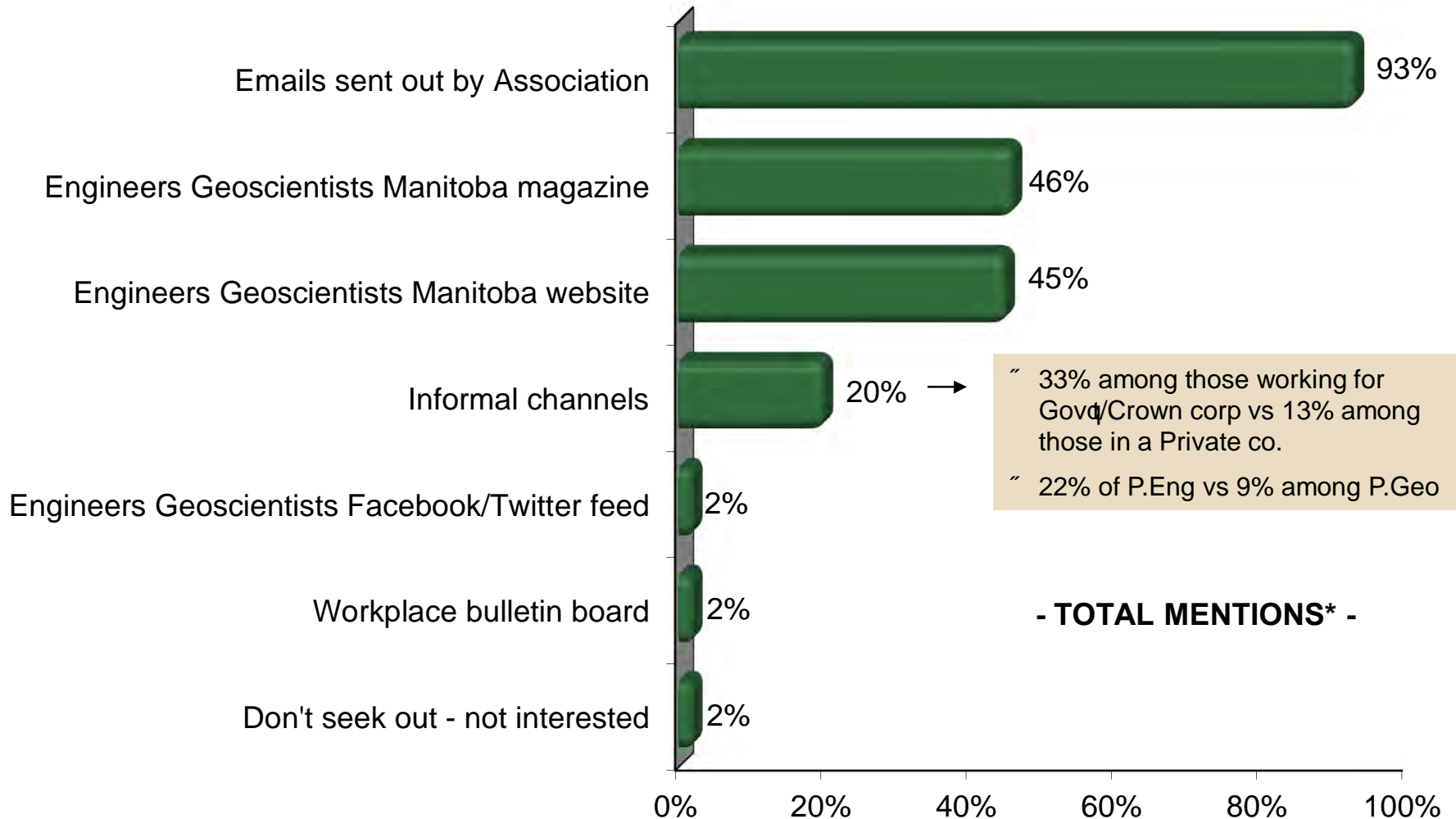
Q.16 "Overall, when thinking about the amount of information you receive from Engineers Geoscientists Manitoba, would you say you receive too much, not enough or about the right amount of information?" (n=1,425)



Base: All Respondents

Source of Association Information

Q. 17 "How do you typically find out what is going on at Engineers Geoscientists Manitoba?" (n=1,425)



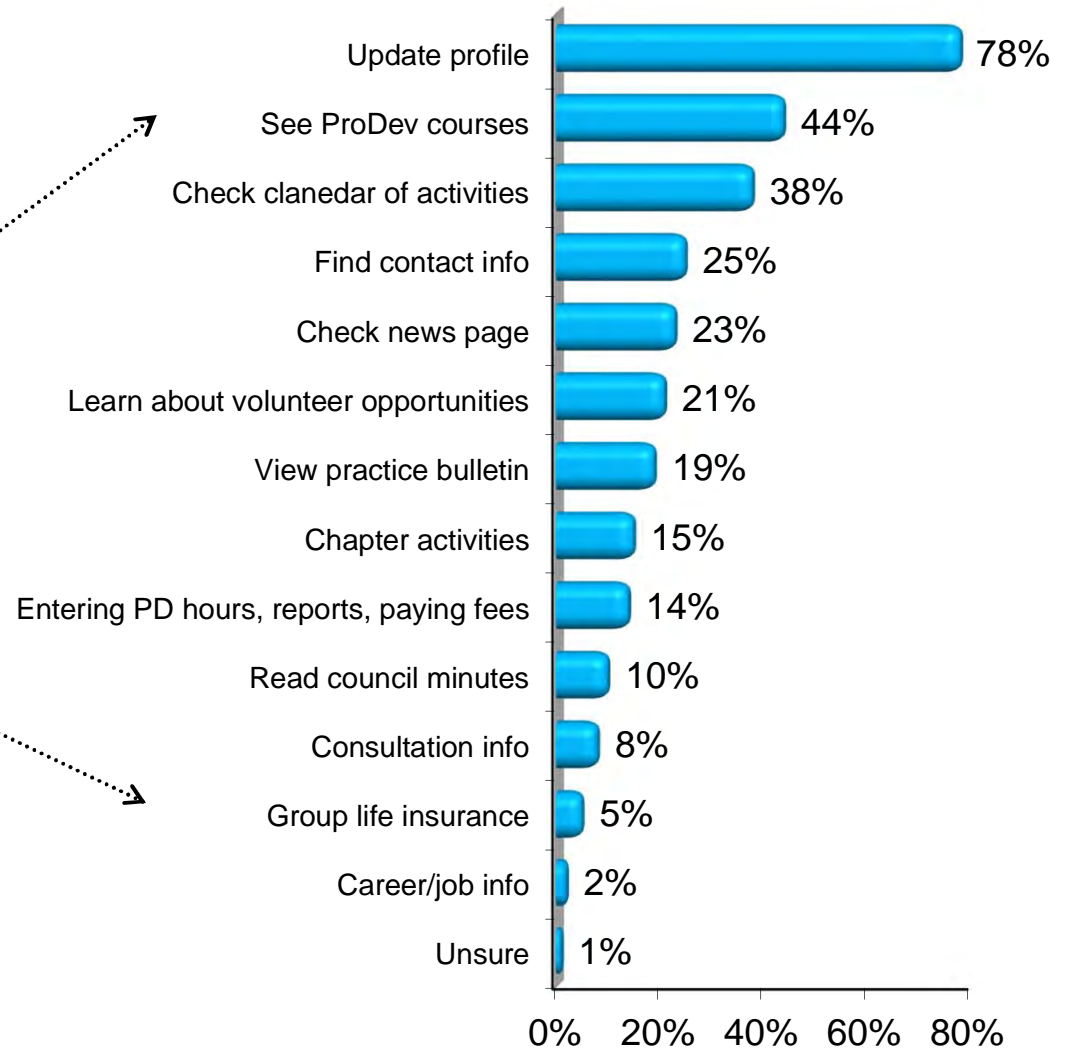
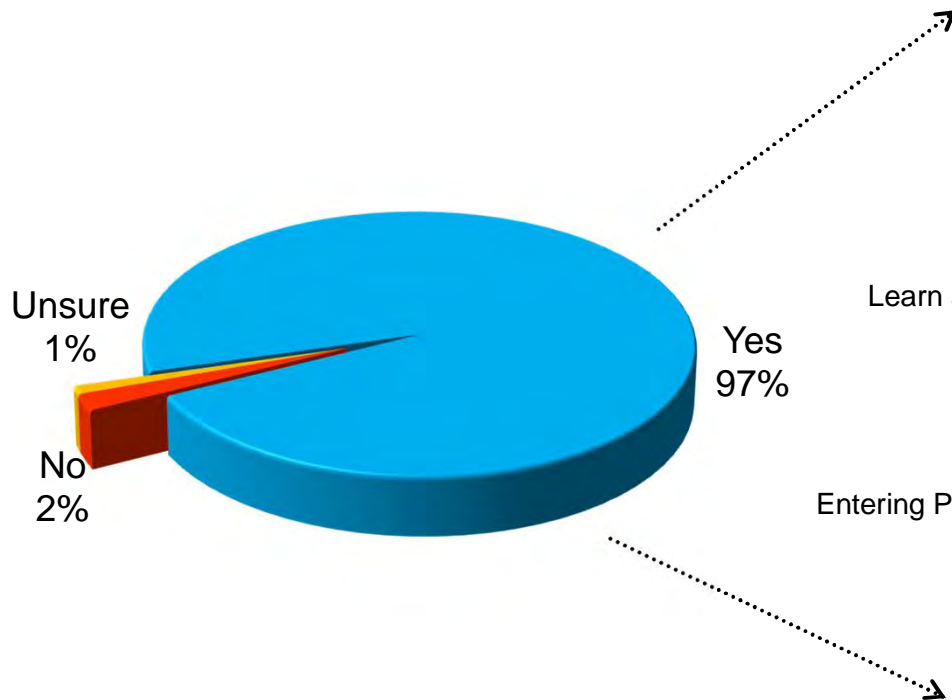
Base: All Respondents

* Multiple mentions accepted . therefore totals may exceed 100%

Website Visitation

Q.18 "Have you ever visited the Engineers Geoscientists Manitoba website?" (n=1,425)

Q.19 "For what purposes do you visit the website?" (n=1,382)

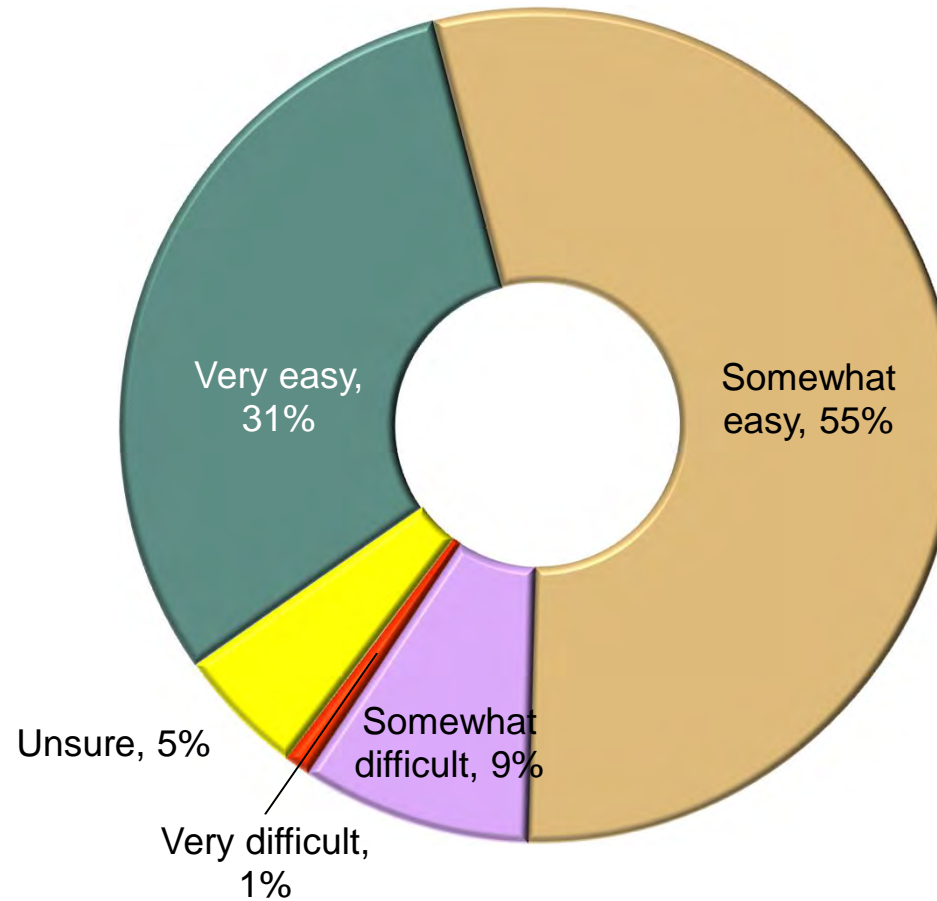


Base: All Respondents

* Multiple mentions accepted . therefore totals may exceed 100%

Ease of Website Navigation

Q.20. "Overall, how easy or difficult is it for you to find what you are looking for on Engineers Geoscientists Manitoba's website?" (n=1,425)



Base: All Respondents



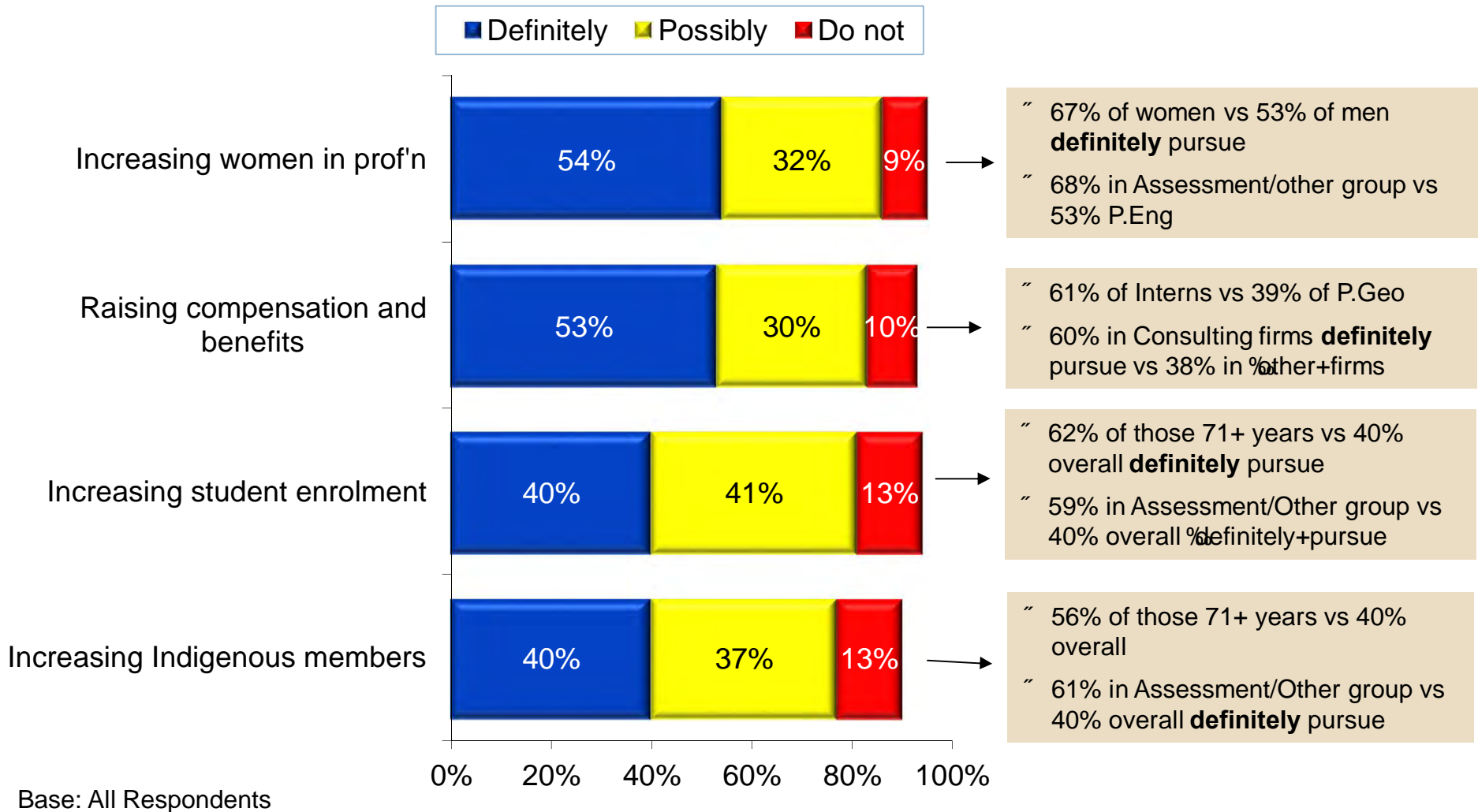
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Future Directions

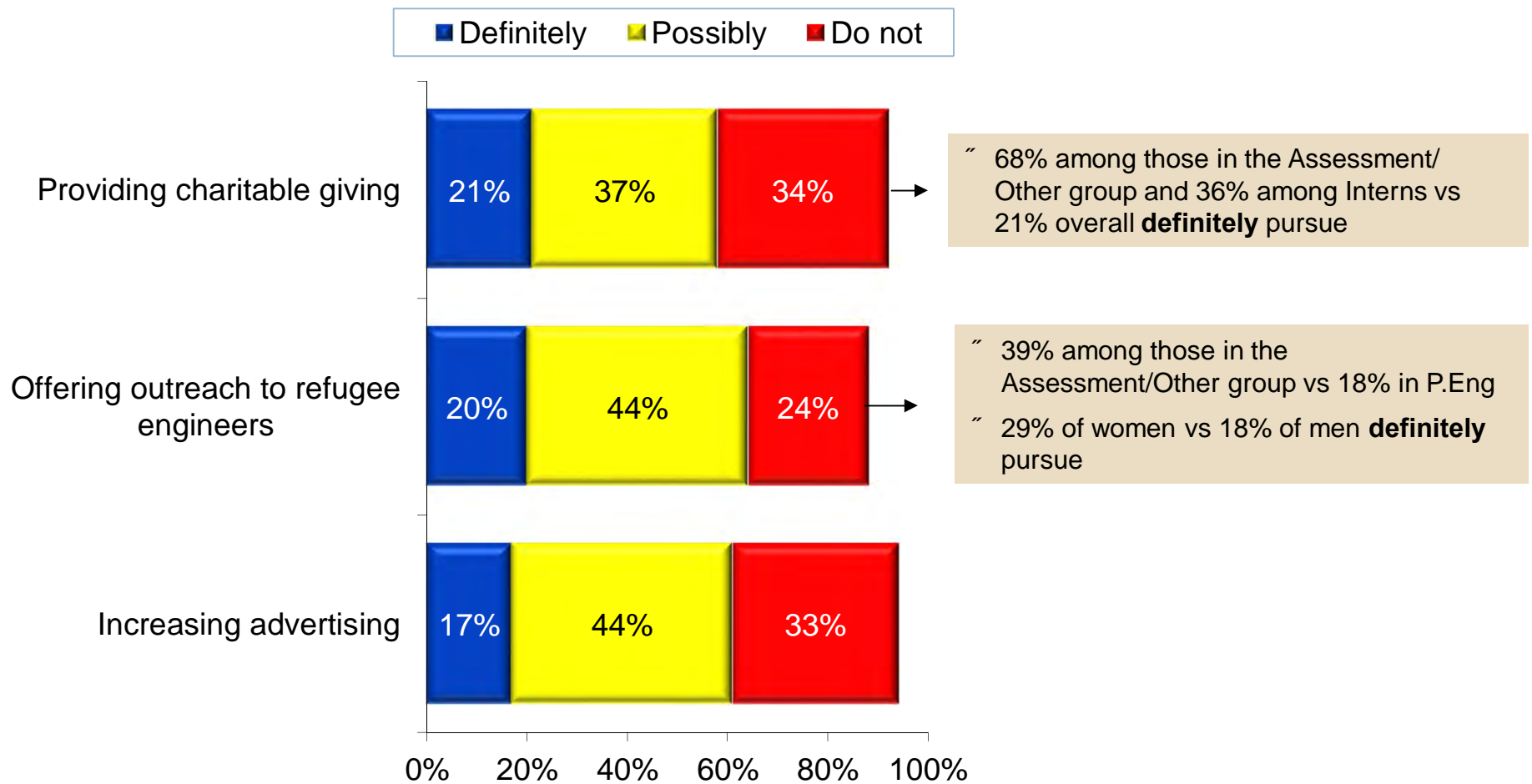
Members' Views on New Initiatives - Most Desired -

Q.13 "There are a variety of new initiatives or directions that Engineers Geoscientists Manitoba could pursue in the future. For each initiative presented below, please indicate whether or not you would like to see Engineers Geoscientists Manitoba moving in this direction." (n=1,205)



Members' Views on New Initiatives - Least Desired -

Q.13 "There are a variety of new initiatives or directions that Engineers Geoscientists Manitoba could pursue in the future. For each initiative presented below, please indicate whether or not you would like to see Engineers Geoscientists Manitoba moving in this direction." (n=1,205)



Base: All Respondents