

# Study of User password policy costs Survey 4

Showing 8 of 8 responses

Showing **all** responses

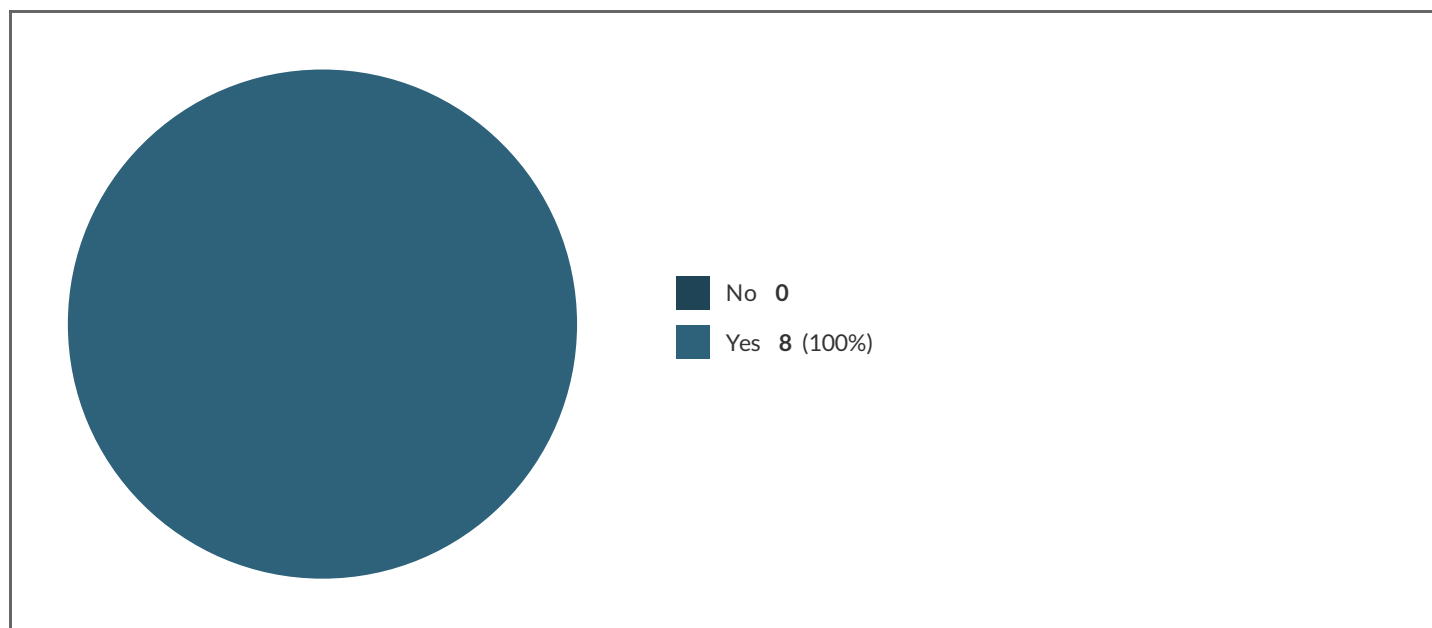
Showing **all** questions

Response rate: 8%

## 1 Informed consent

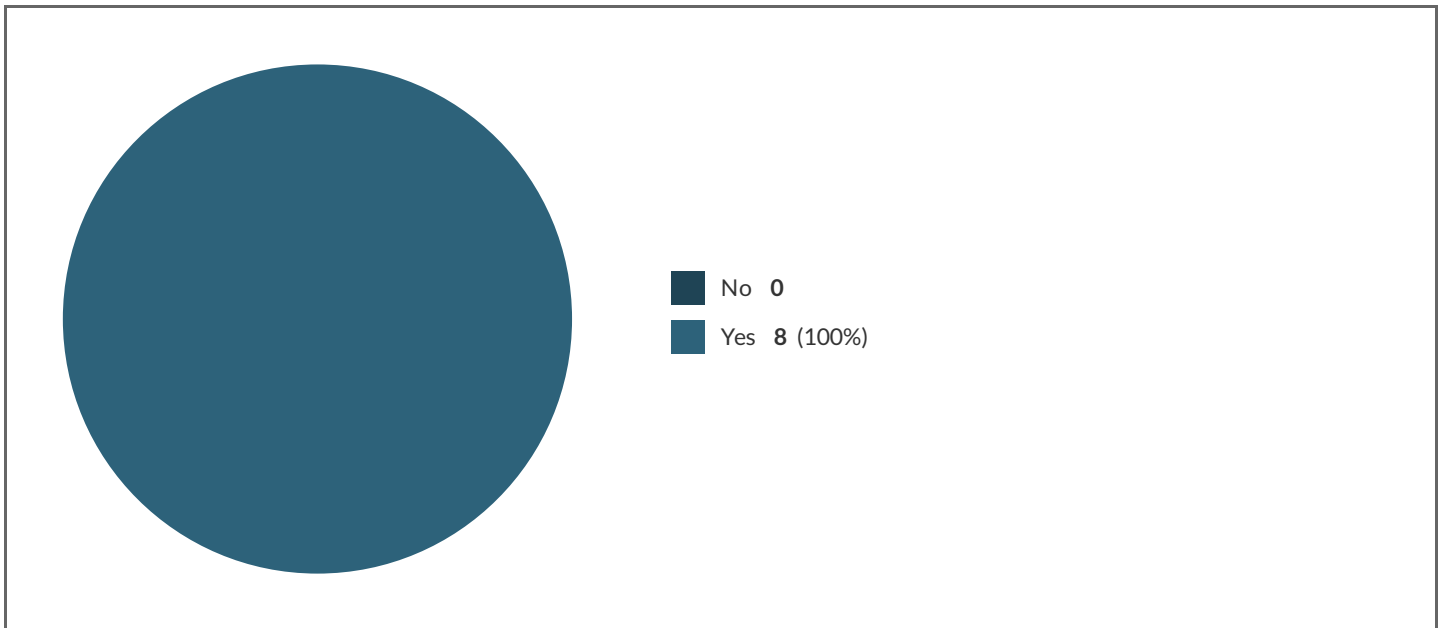
1.1 The purpose and nature of this study has been explained to me.

1.1.a The purpose and nature of this study has been explained to me.



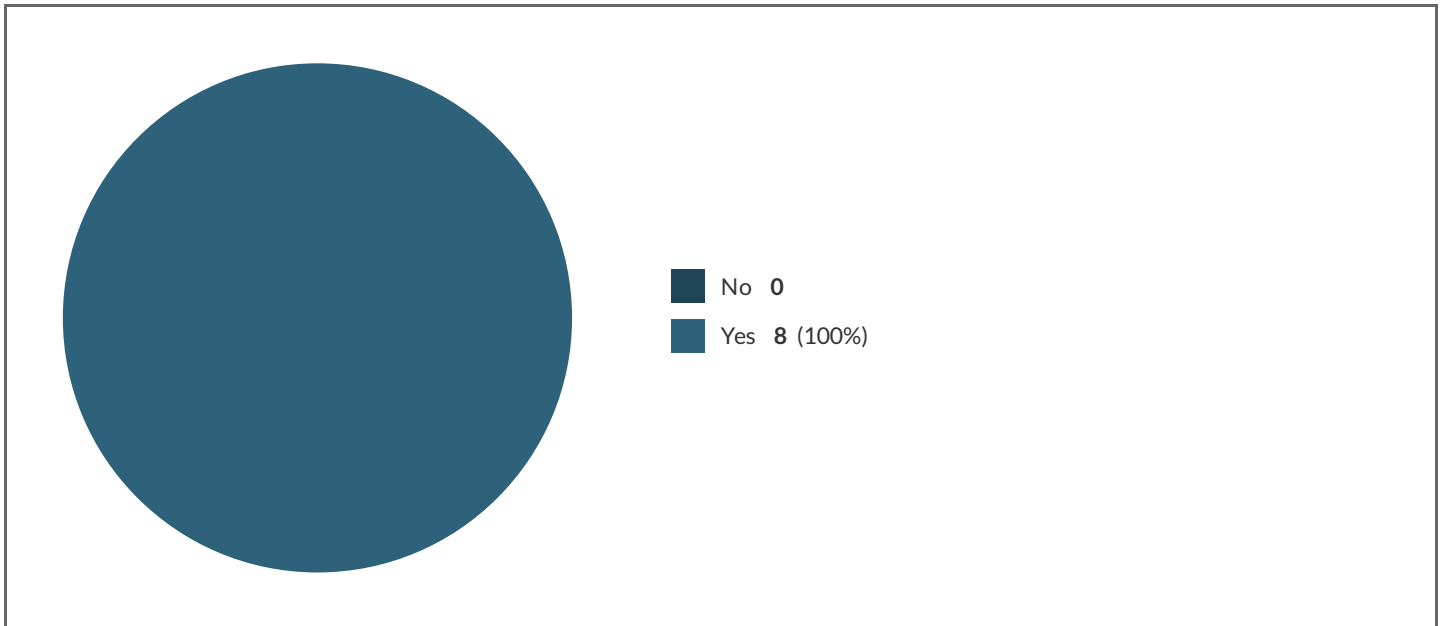
1.2 I am participating voluntarily.

1.2.a I am participating voluntarily.



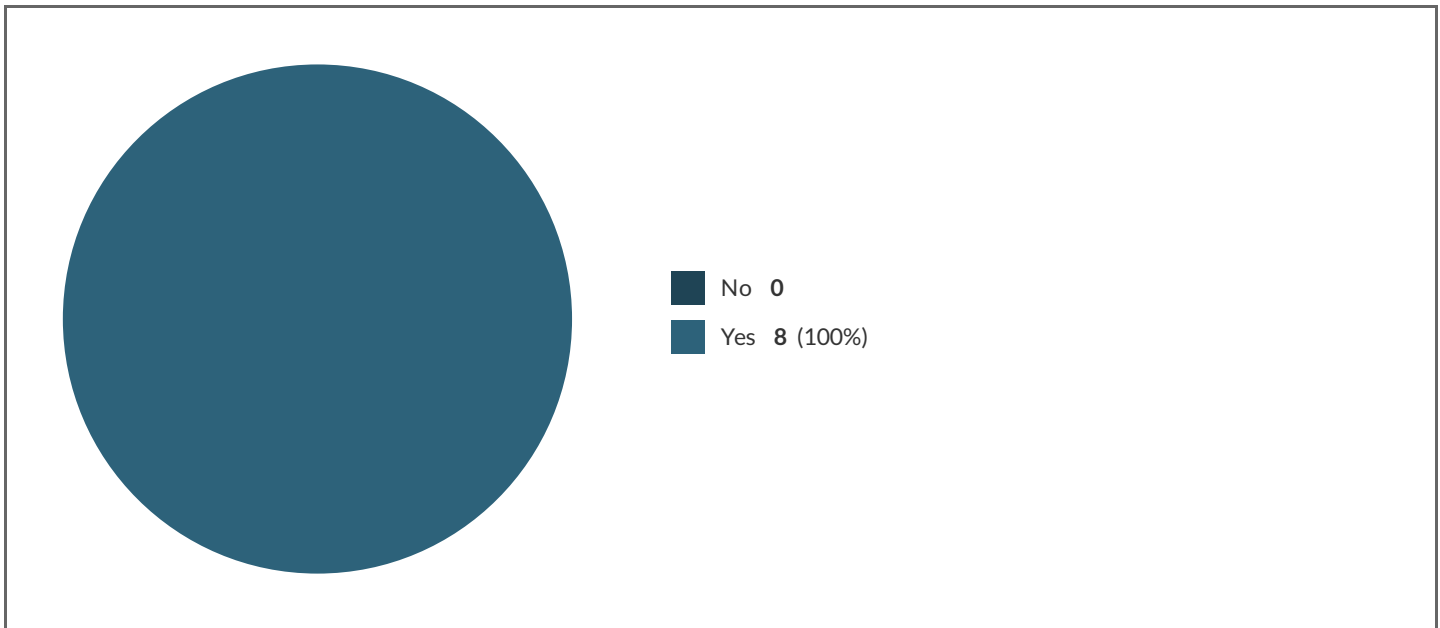
1.3 I understand that I can withdraw from the survey up until it is submitted. I understand that after that point, as the survey is anonymous, it will not be possible to identify and remove the data.

1.3.a I understand that I can withdraw from the survey up until it is submitted. I understand that after that point, as the survey is anonymous, it will not be possible to identify and remove the data.



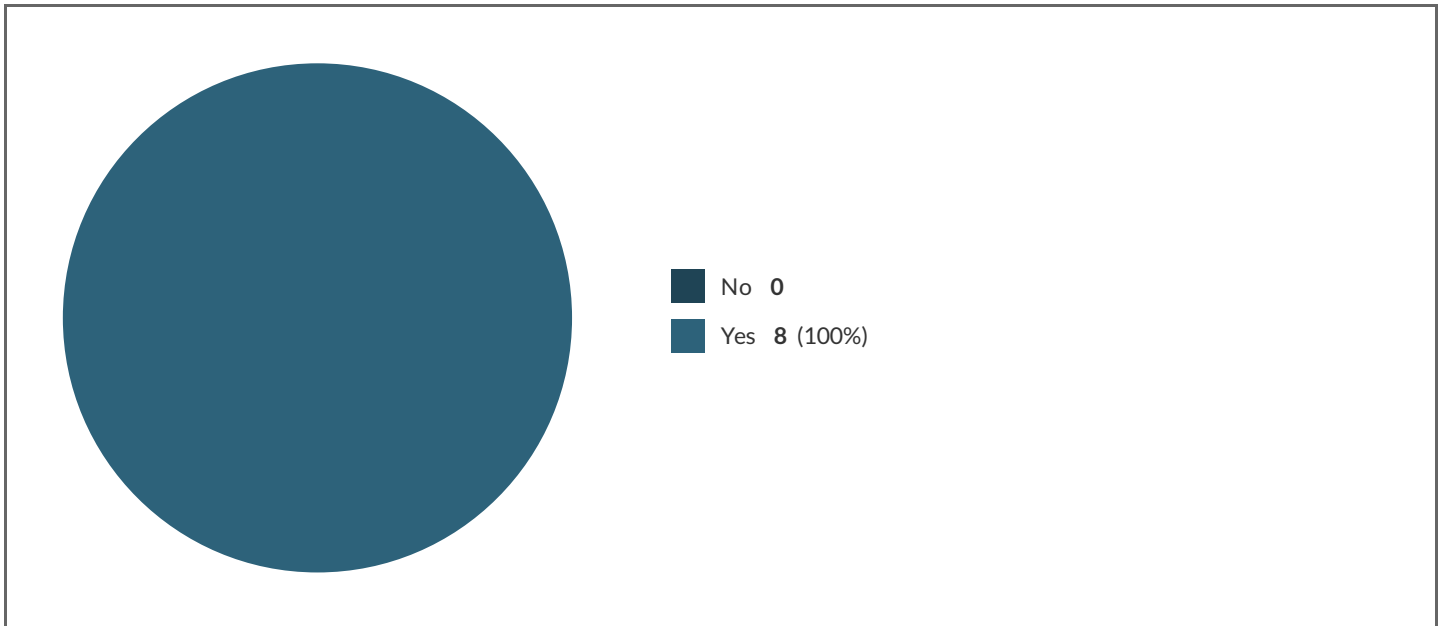
1.4 I understand the limits of confidentiality as described in the information sheet.

1.4.a I understand the limits of confidentiality as described in the information sheet.

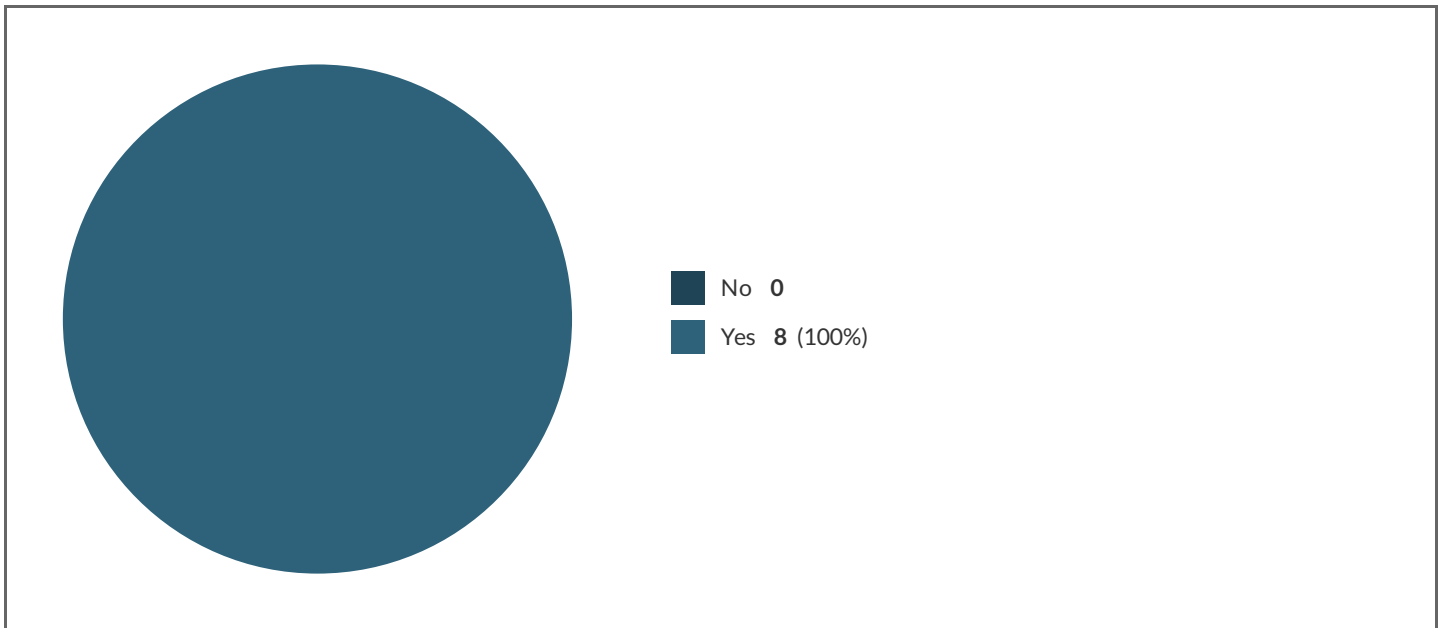


1.5 I understand that my anonymous responses may be used in future research projects and the data from this study may be deposited in an archive if I give permission here.

1.5.a I understand that my anonymous responses may be used in future research projects and the data from this study may be deposited in an archive if I give permission here.

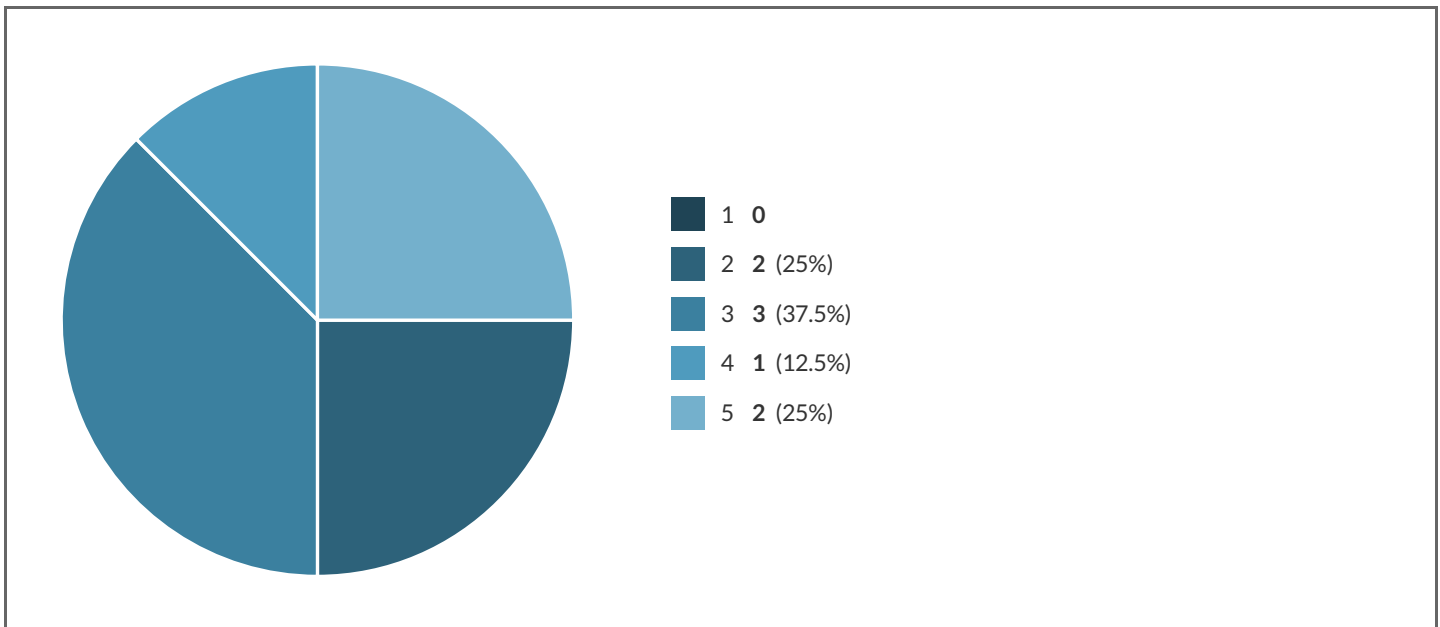


2 I consent to participate in this survey:



**3** Select a rank on the below scale from 1 (very poor) to 5 (very knowledgeable) to describe your internet security knowledge.

### 3.1 Internet security knowledge:



## Password composition advice

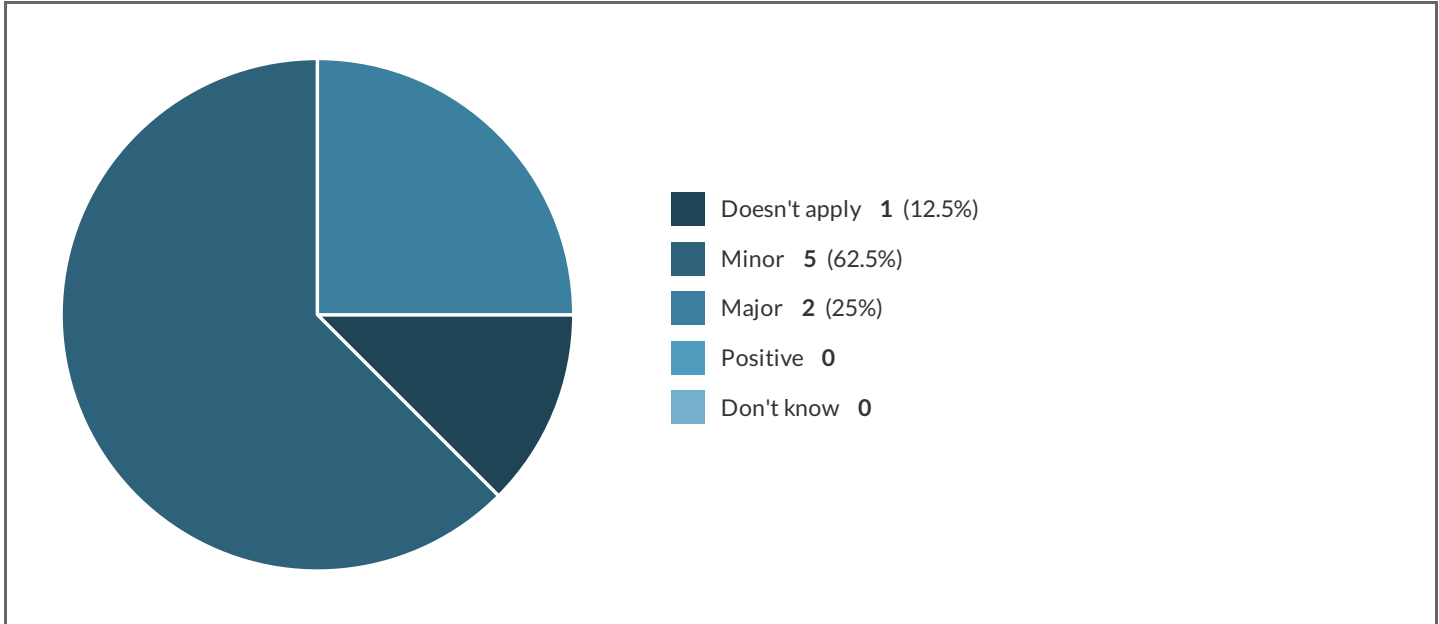
**4** Include specific character types in your password. E.g. your password must include uppercase, lowercase, digit, symbol

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#### 4.1 Makes it more difficult to create a password

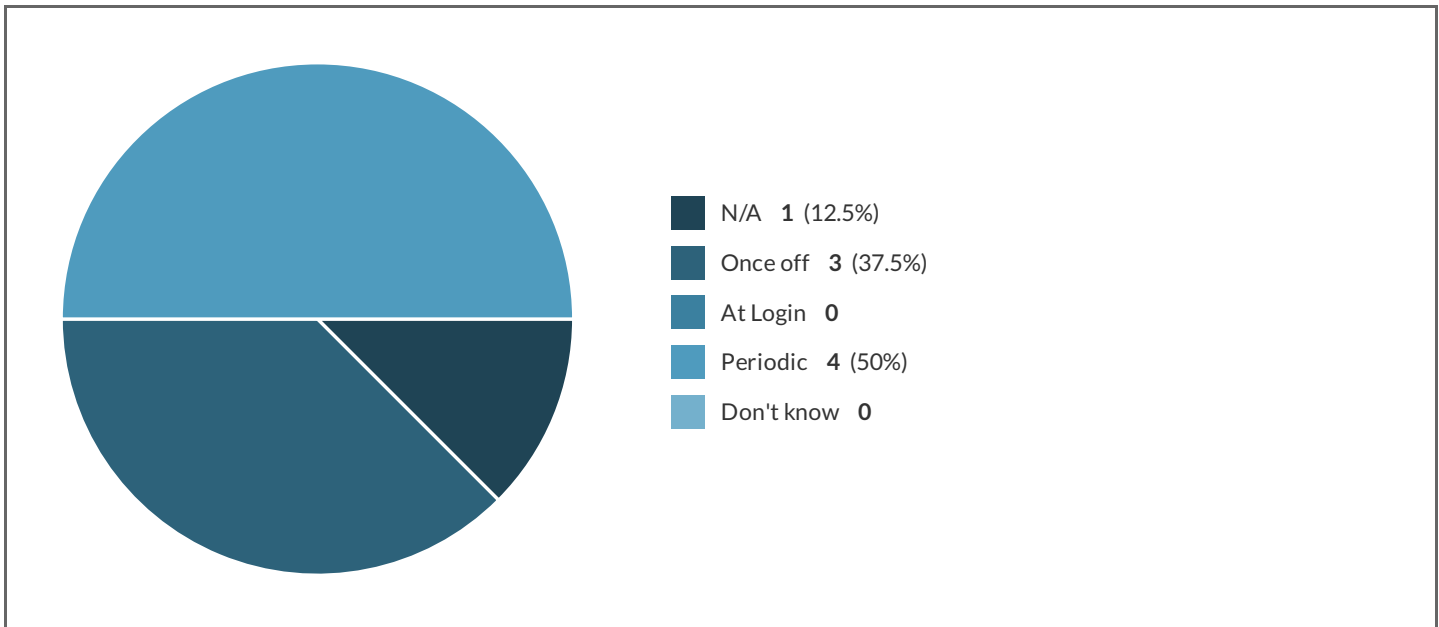
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##### 4.1.a Makes it more difficult to create a password - Severity of Cost



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##### 4.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

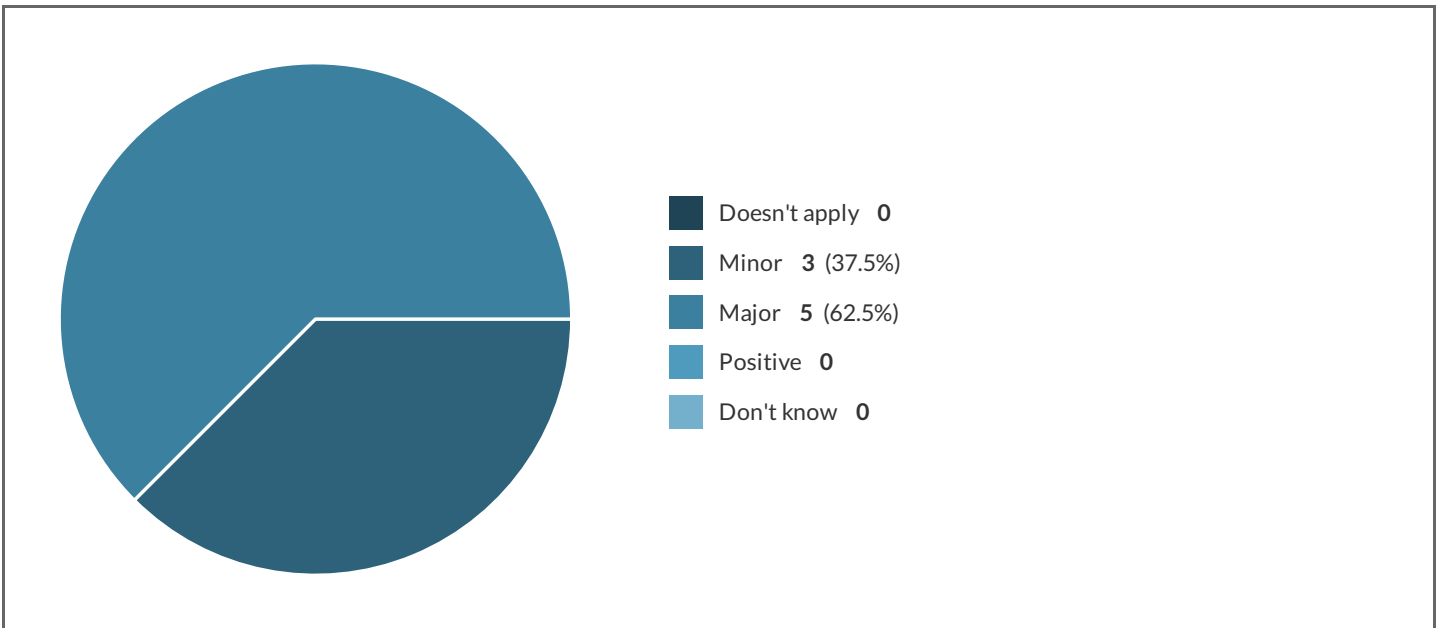


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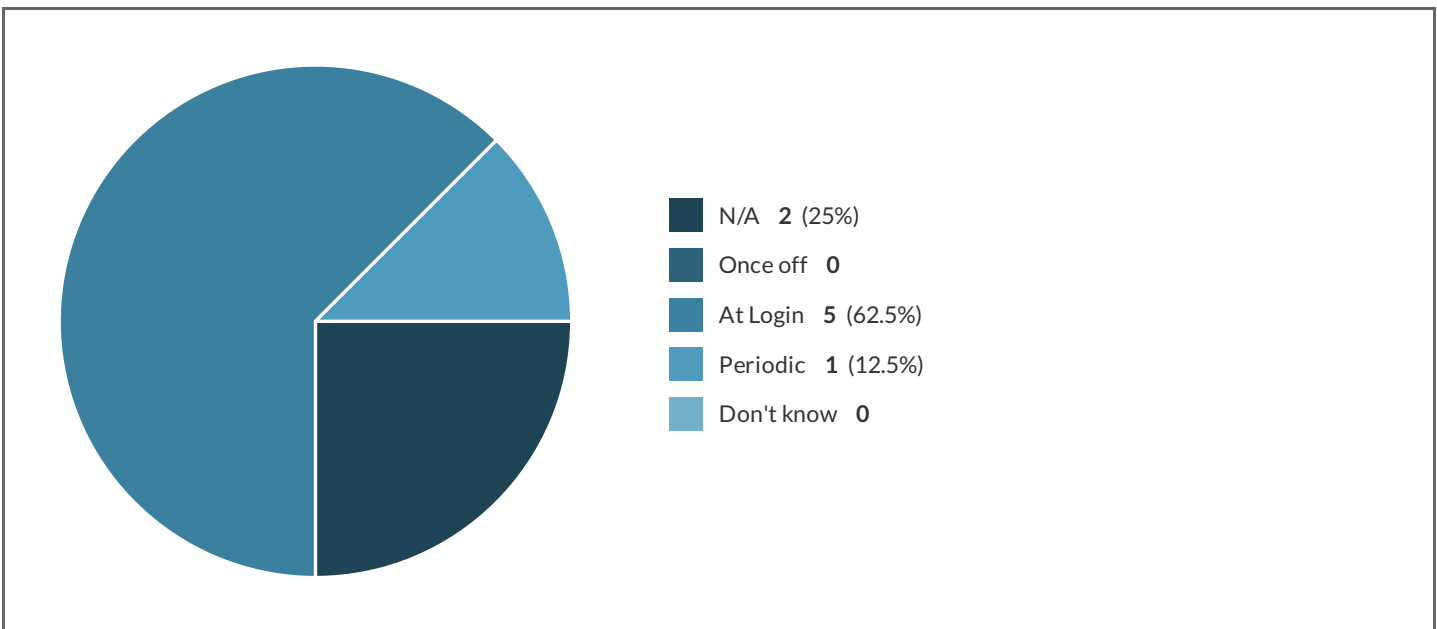
#### 4.2 Makes it less easy to remember

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##### 4.2.a Makes it less easy to remember - Severity of Cost

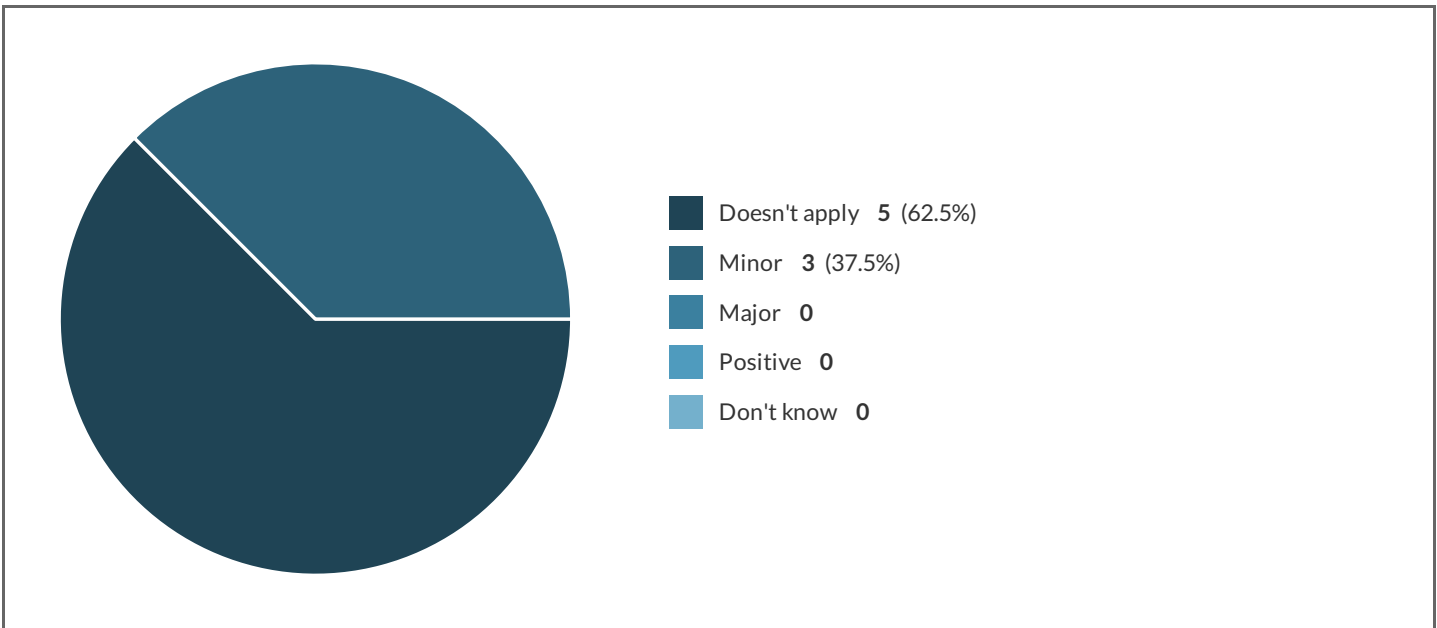


4.2.b Makes it less easy to remember - Frequency Cost is Experienced

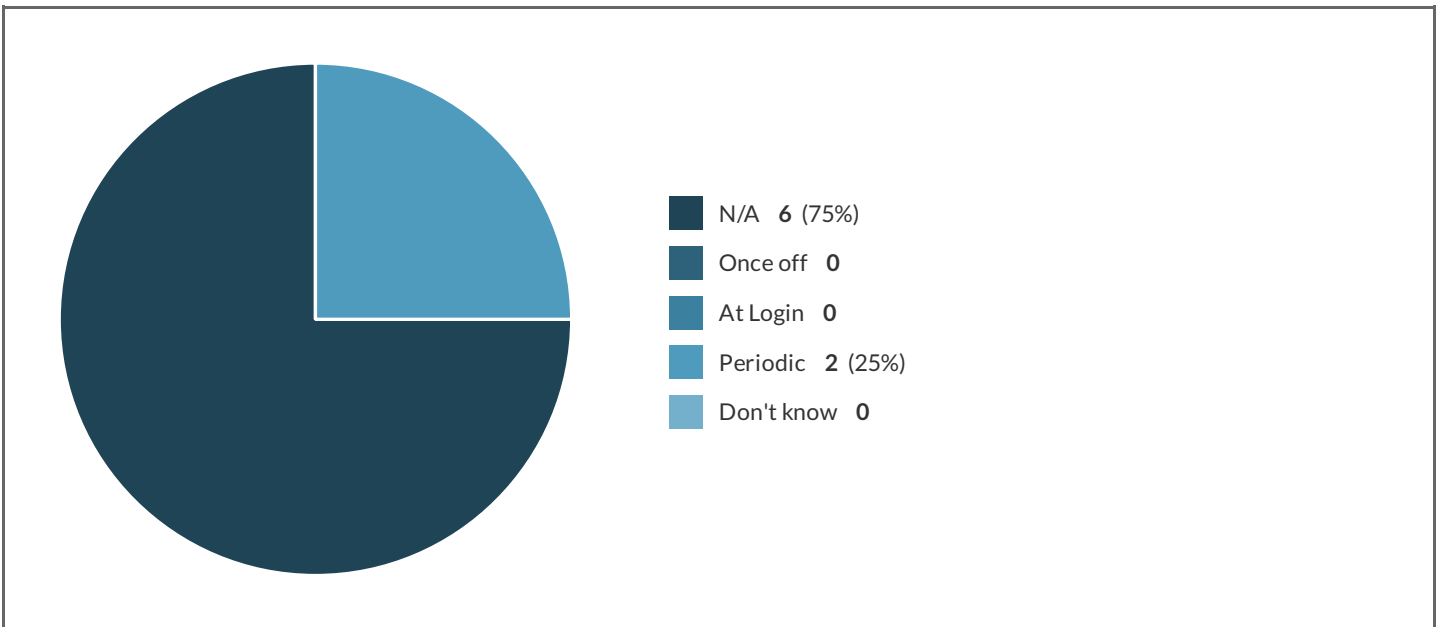


4.3 Requires extra resources

4.3.a Requires extra resources - Severity of Cost

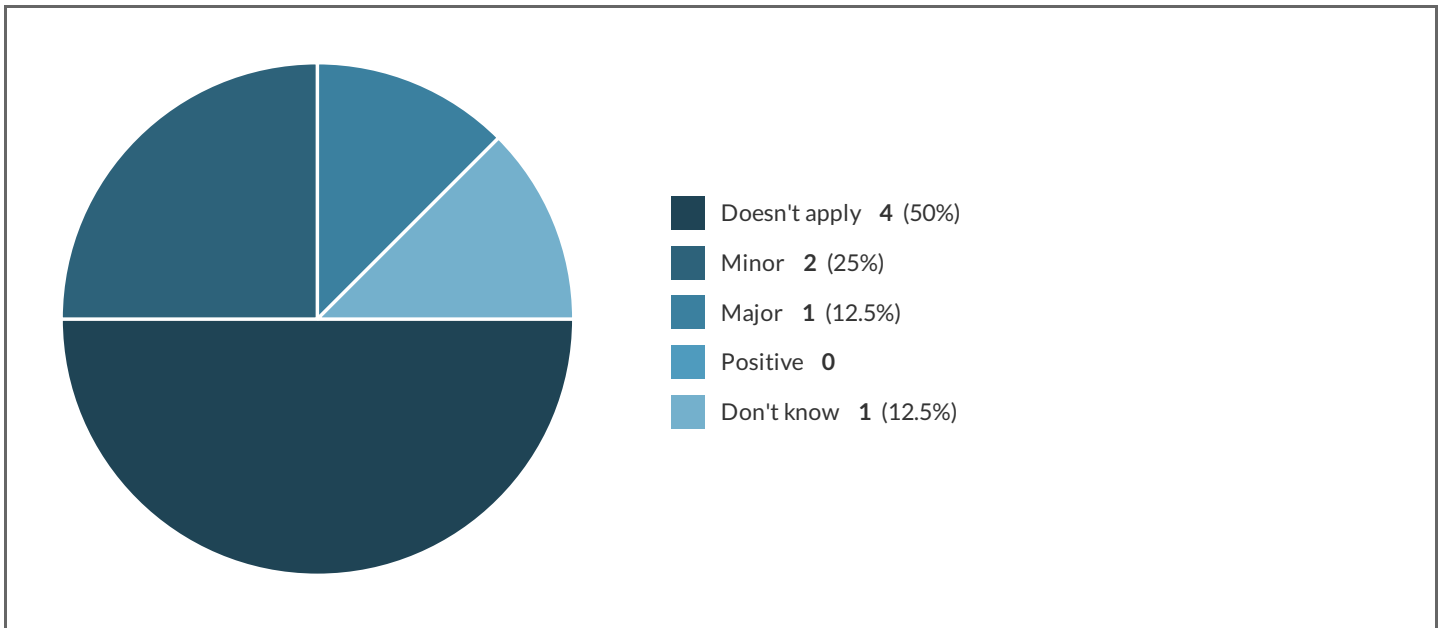


#### 4.3.b Requires extra resources - Frequency Cost is Experienced

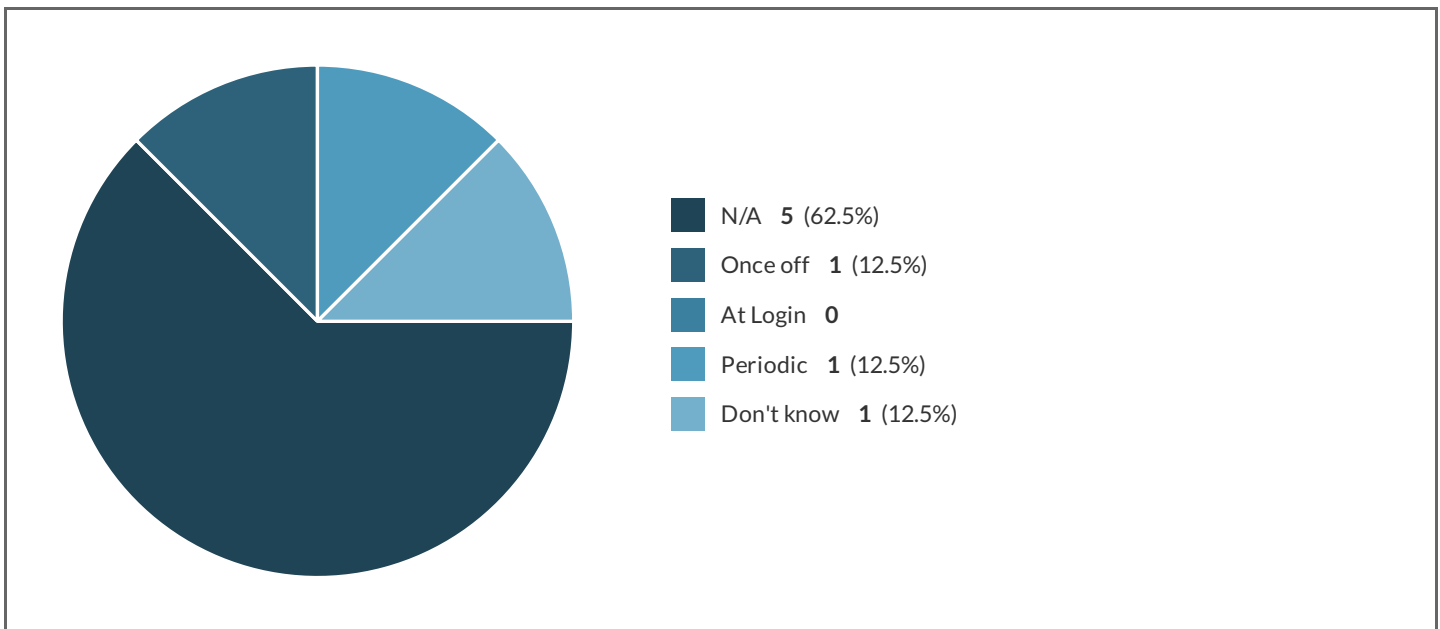


#### 4.4 Requires the creation of a new password

##### 4.4.a Requires the creation of a new password - Severity of Cost



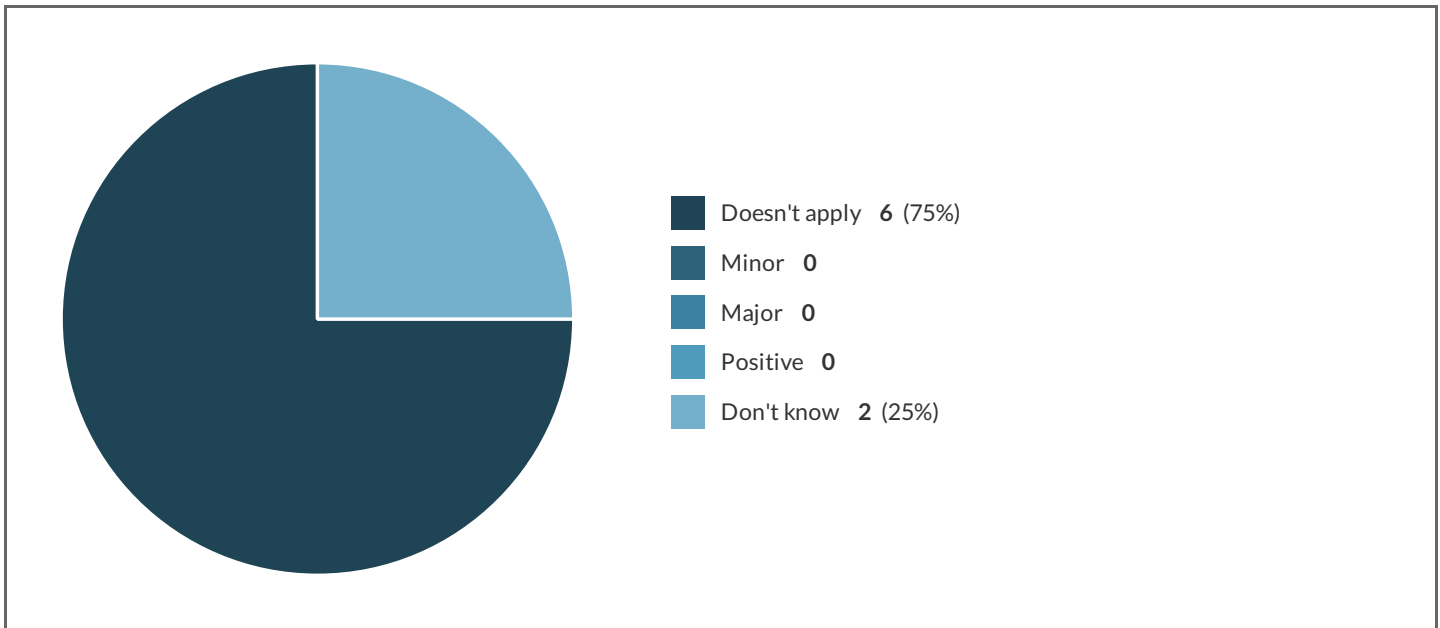
#### 4.4.b Requires the creation of a new password - Frequency Cost is Experienced



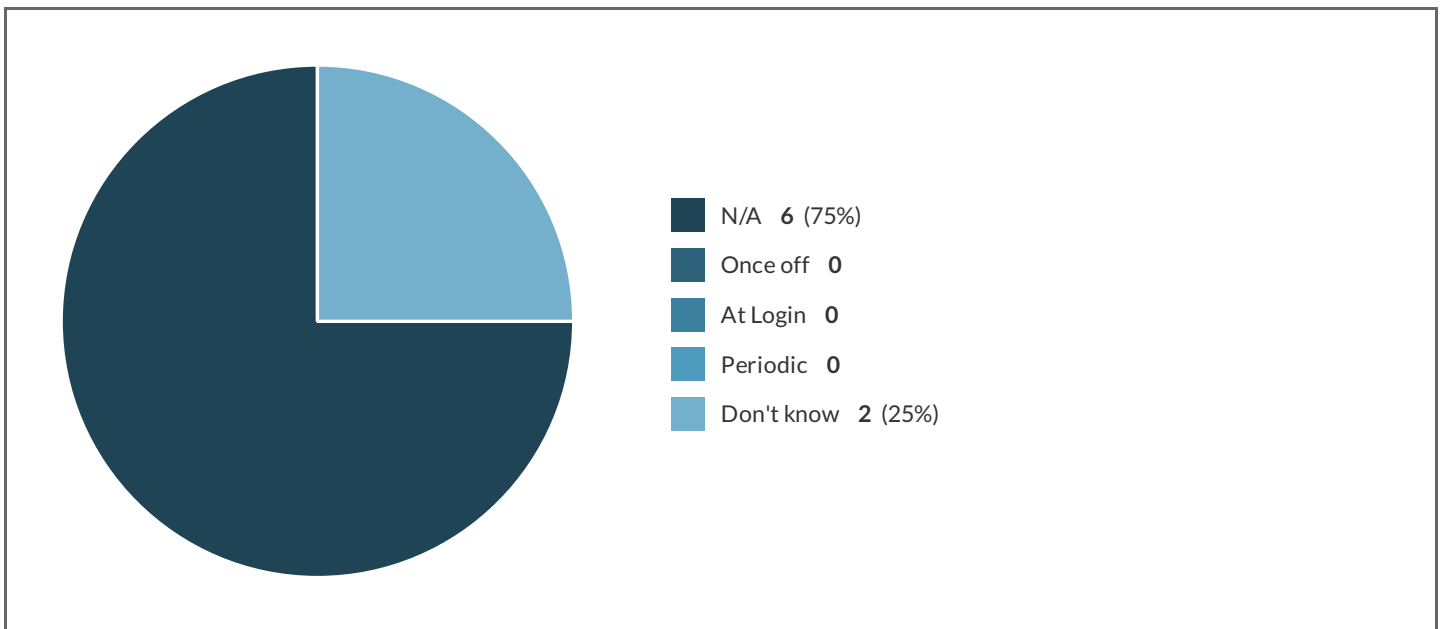
#### 4.5 Increases the computing power needed

##### 4.5.a Increases the computing power needed - Severity of Cost



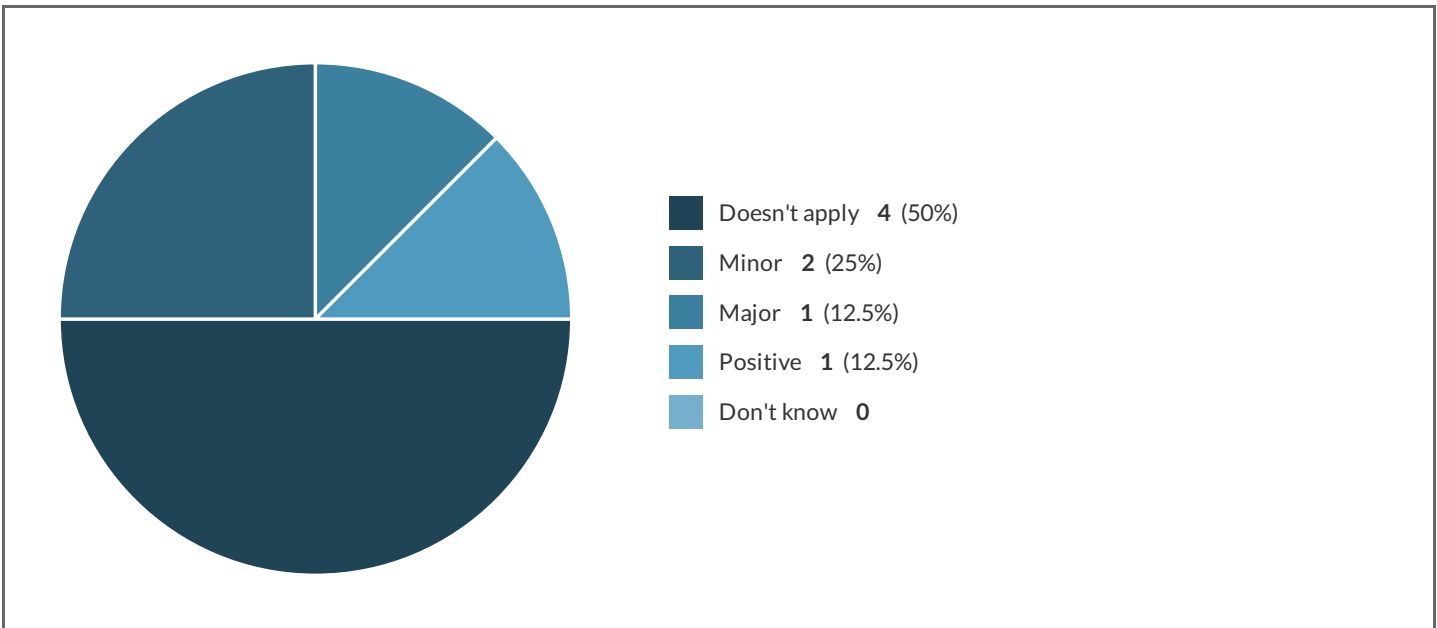


4.5.b Increases the computing power needed - Frequency Cost is Experienced

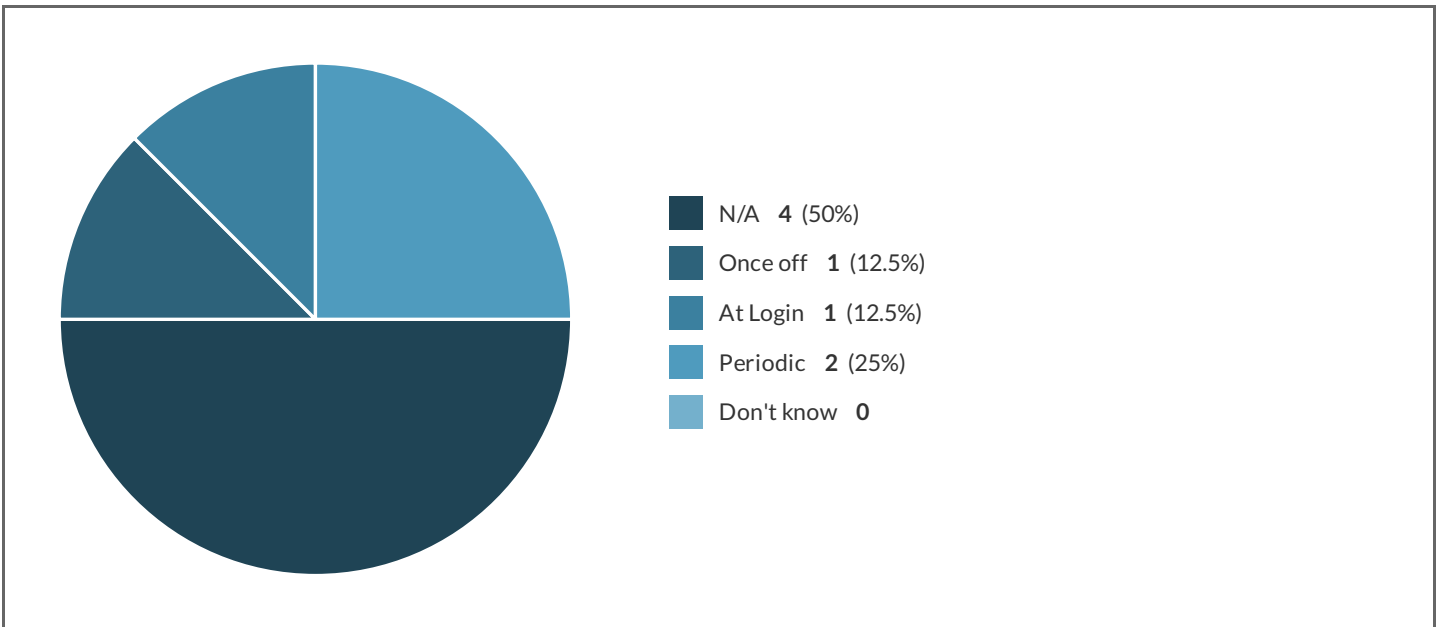


4.6 Requires other extra time or effort

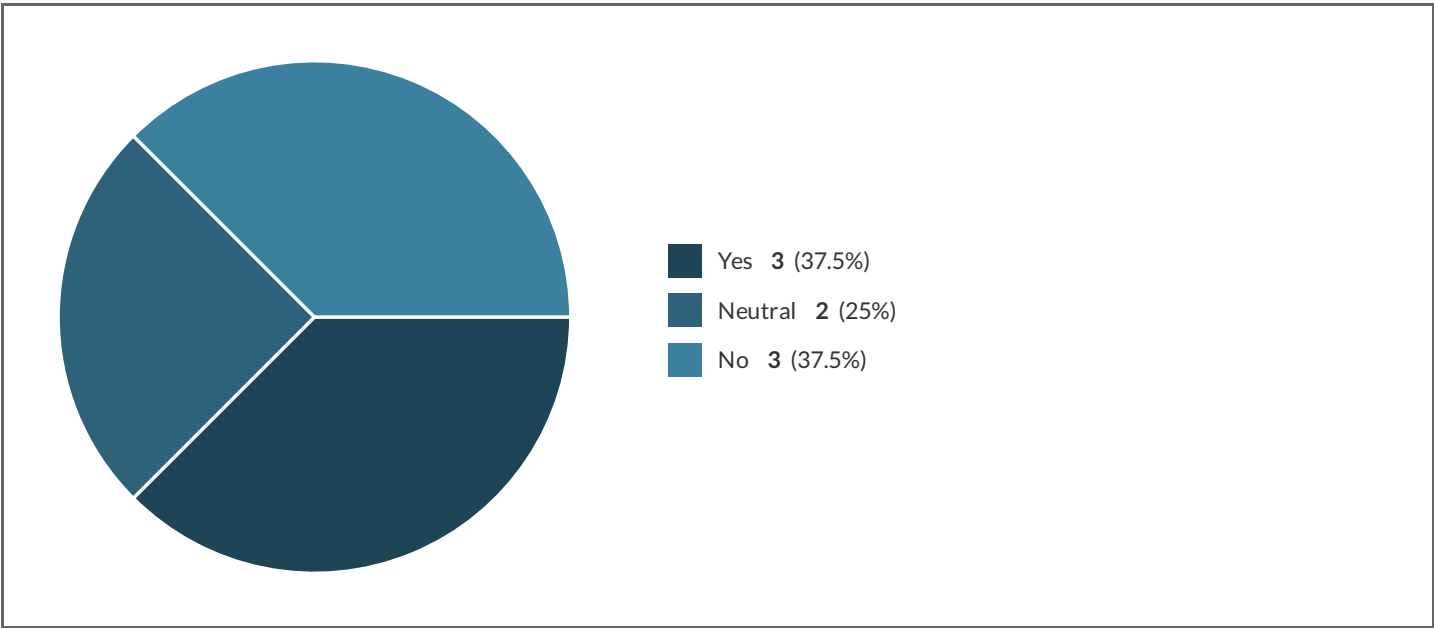
4.6.a Requires other extra time or effort - Severity of Cost



4.6.b Requires other extra time or effort - Frequency Cost is Experienced



4.a Do you approve of this advice?



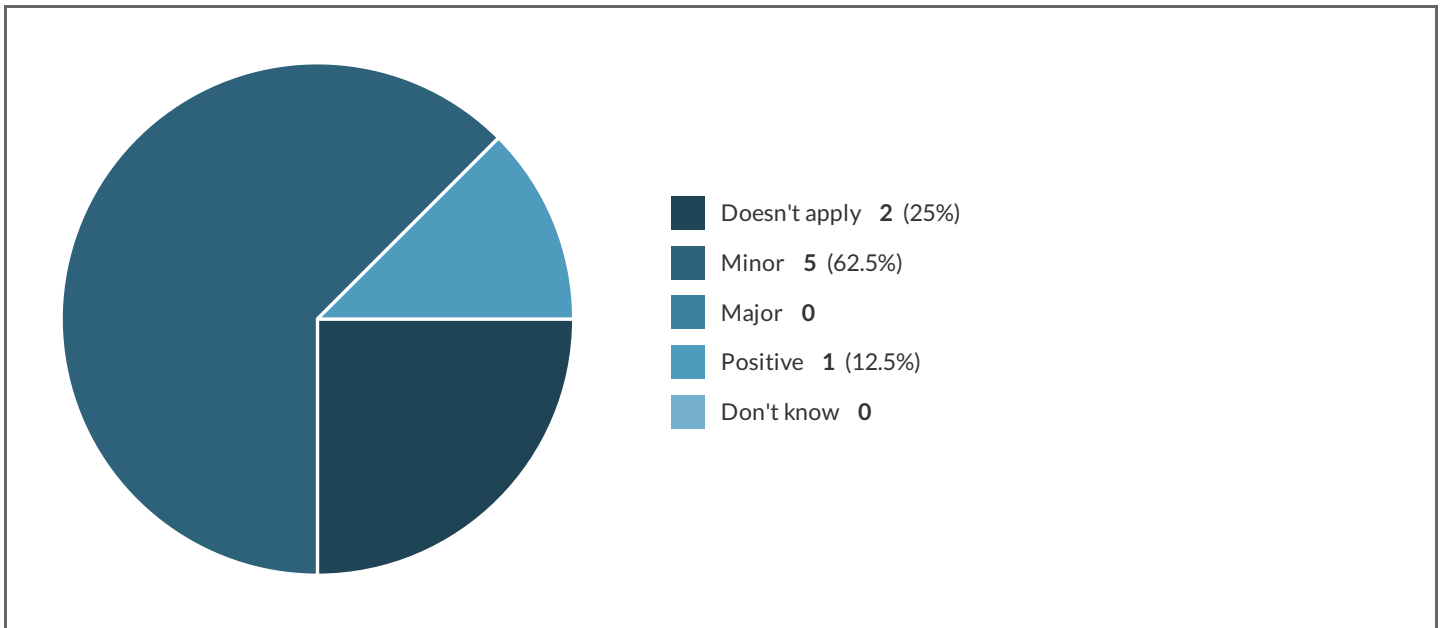
4.b Comments

Showing all 2 responses	
If you use a password "template", this advice fucks that up. It's the worst.	624487-624478-66086963
Good idea for security, but painful for a user. Using a password manager removes the downsides of this advice.	624487-624478-66147464

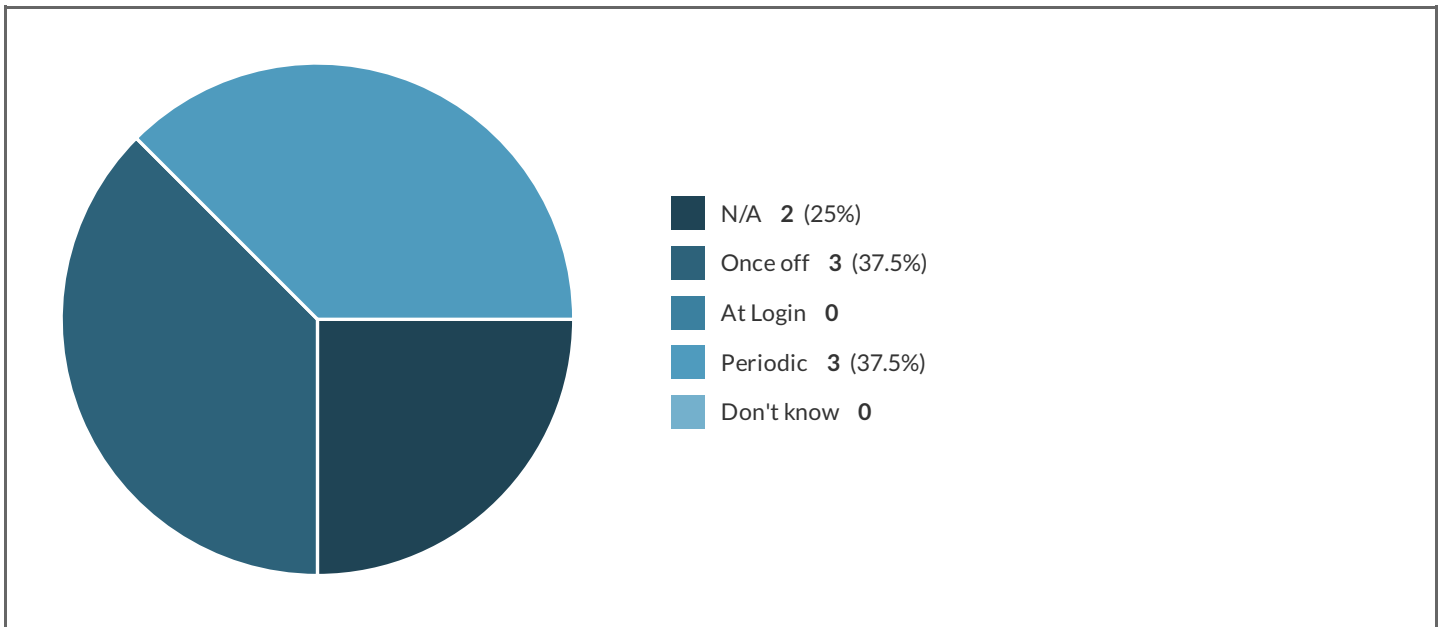
5 Don't use patterns in your password. E.g. do not choose a password such as "123abc"

5.1 Makes it more difficult to create a password

5.1.a Makes it more difficult to create a password - Severity of Cost

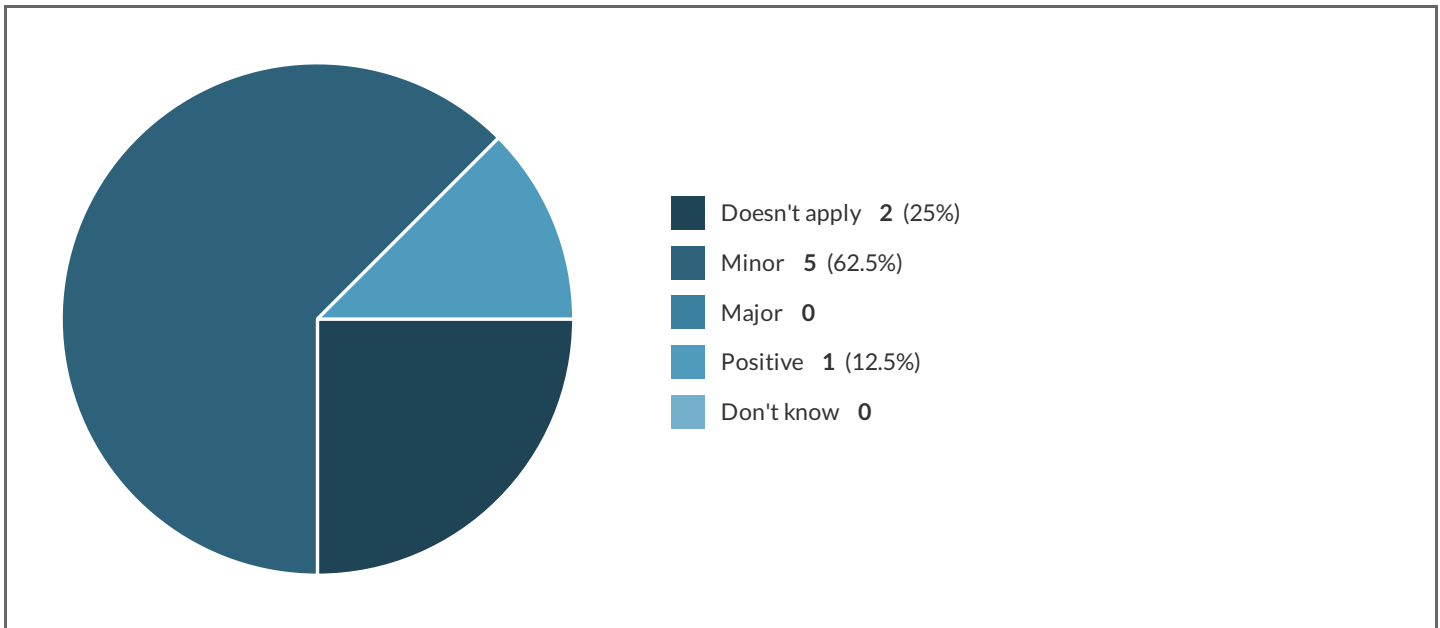


#### 5.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

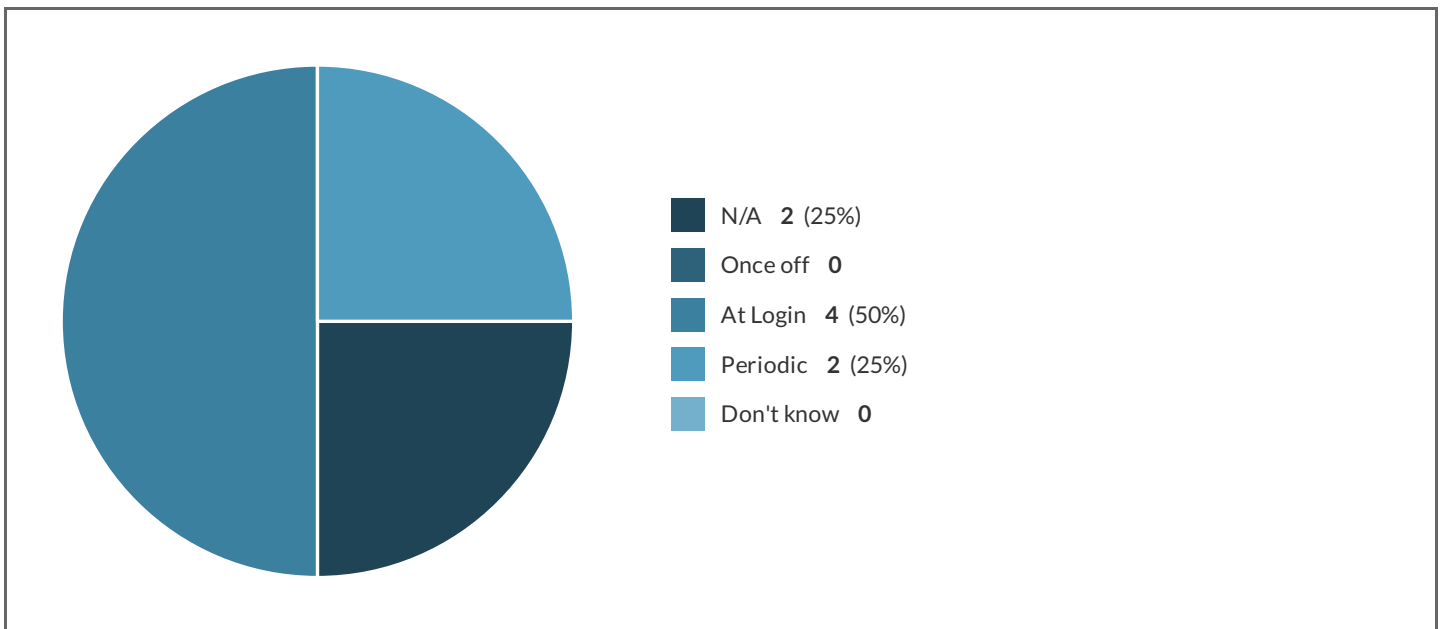


#### 5.2 Makes it less easy to remember

##### 5.2.a Makes it less easy to remember - Severity of Cost

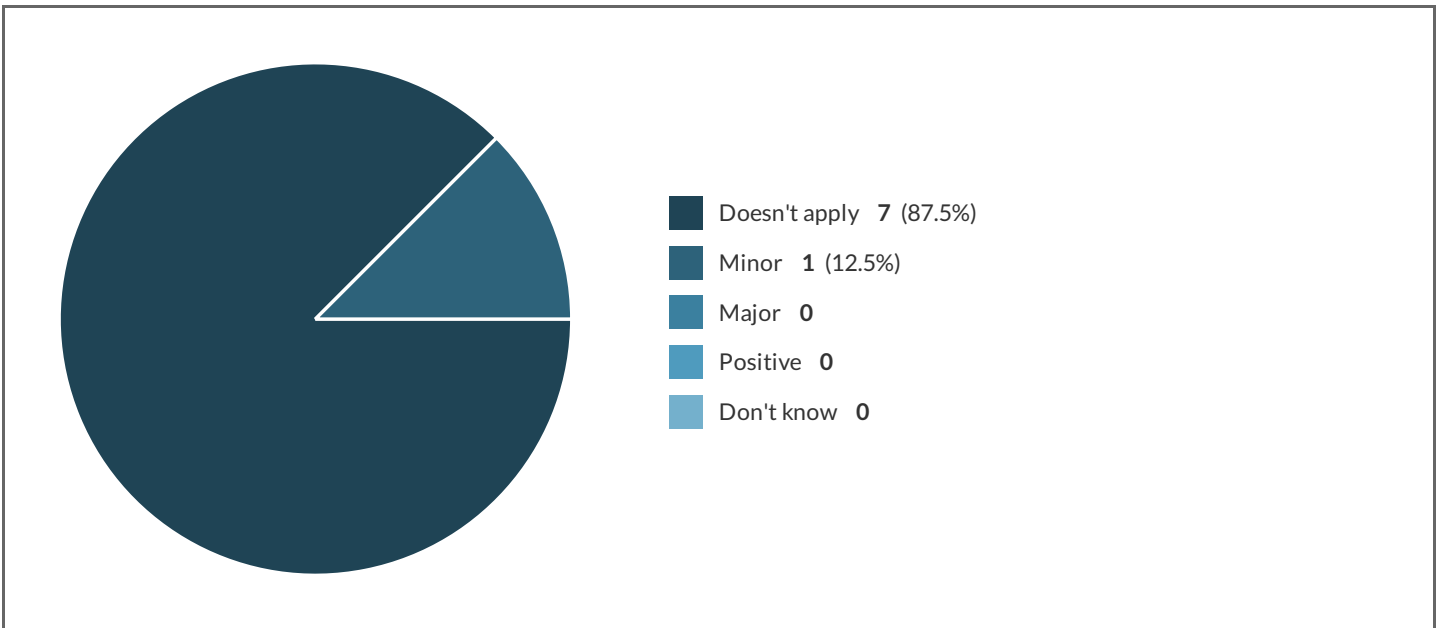


### 5.2.b Makes it less easy to remember - Frequency Cost is Experienced

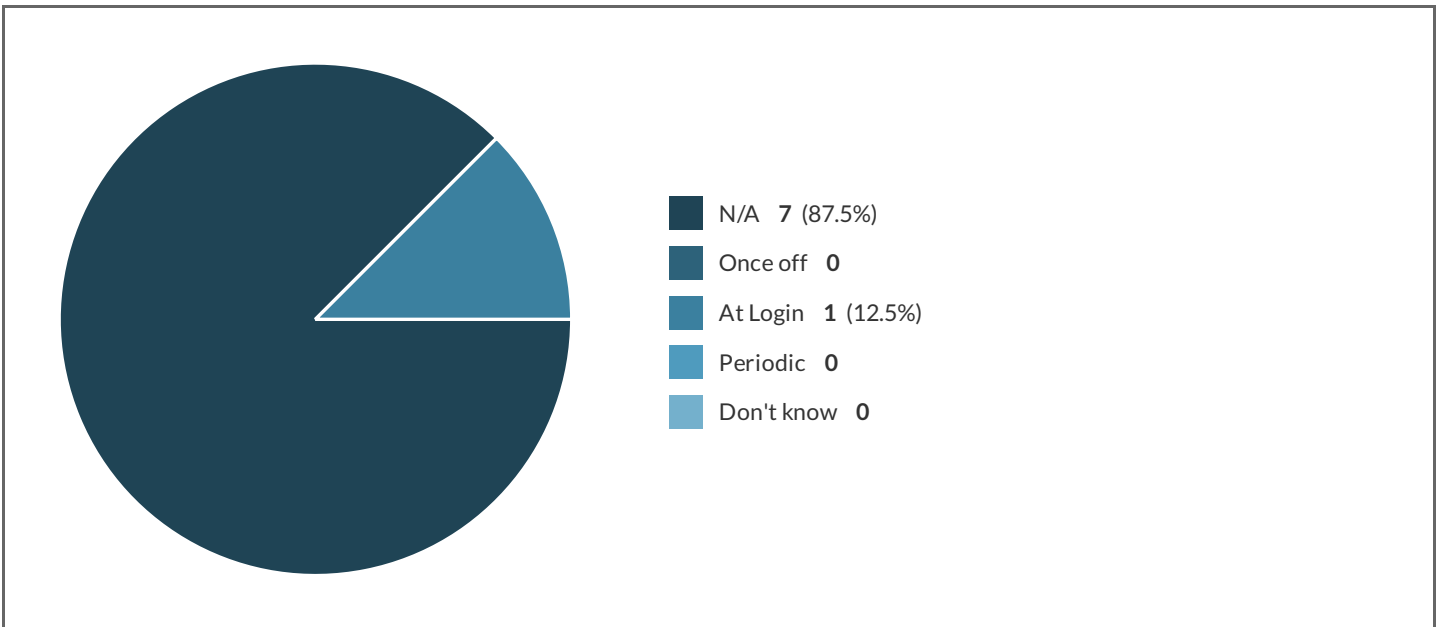


### 5.3 Requires extra resources

#### 5.3.a Requires extra resources - Severity of Cost

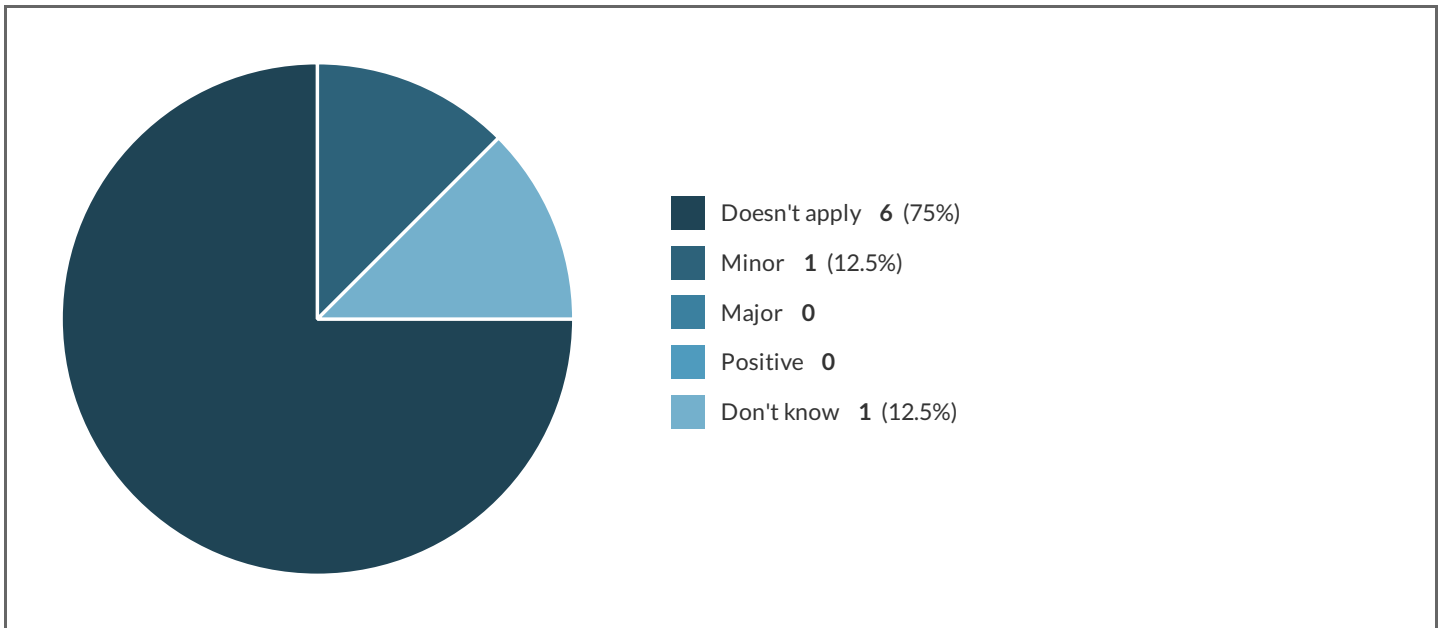


#### 5.3.b Requires extra resources - Frequency Cost is Experienced

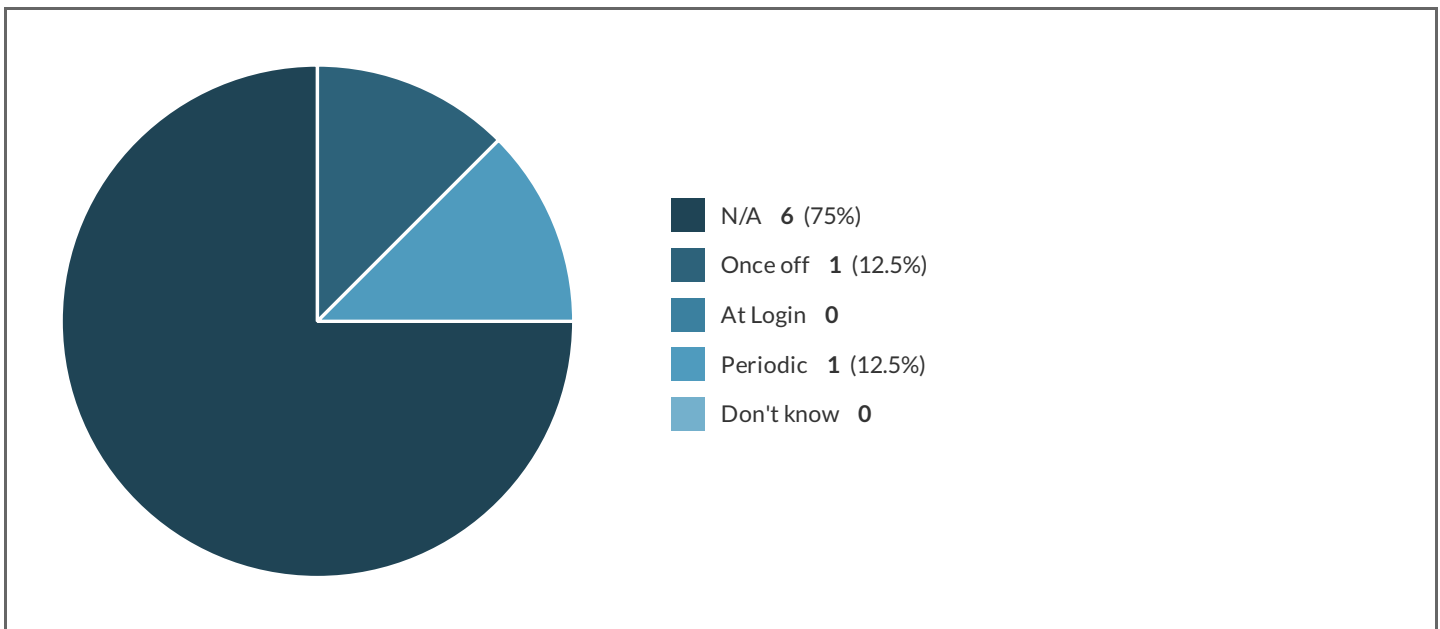


#### 5.4 Requires the creation of a new password

##### 5.4.a Requires the creation of a new password - Severity of Cost

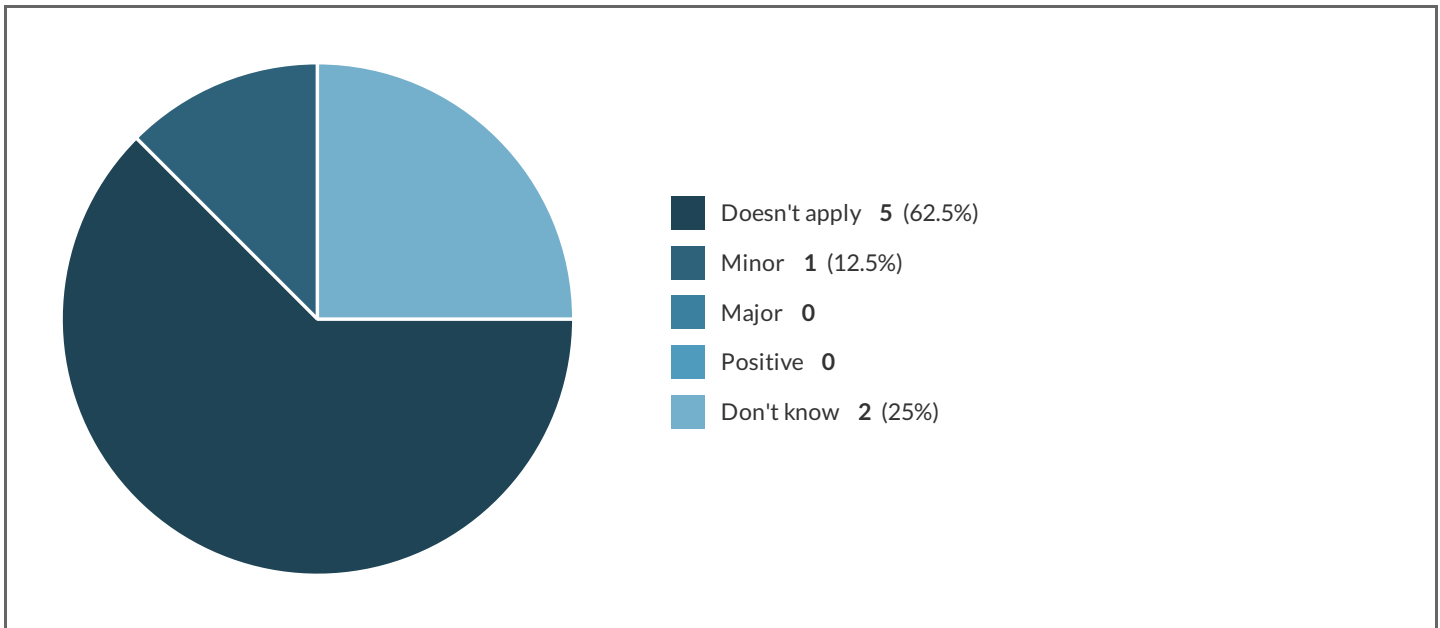


5.4.b Requires the creation of a new password - Frequency Cost is Experienced

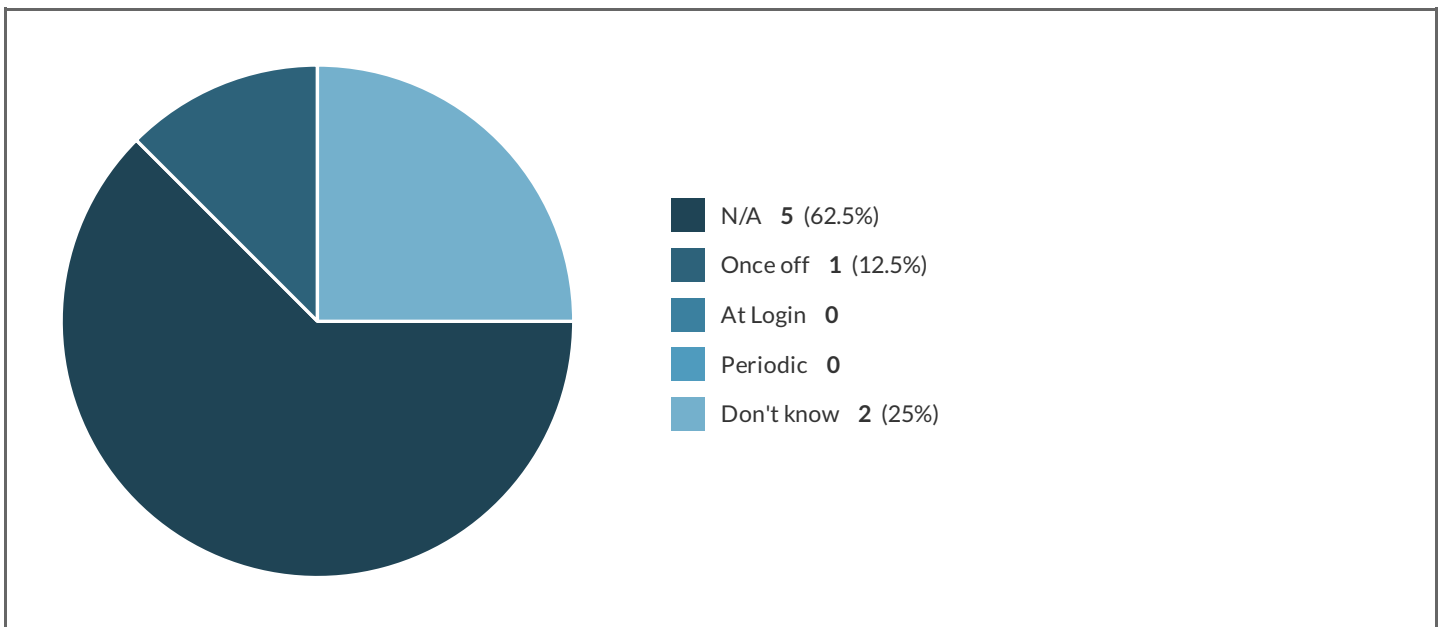


5.5 Increases the computing power needed

5.5.a Increases the computing power needed - Severity of Cost



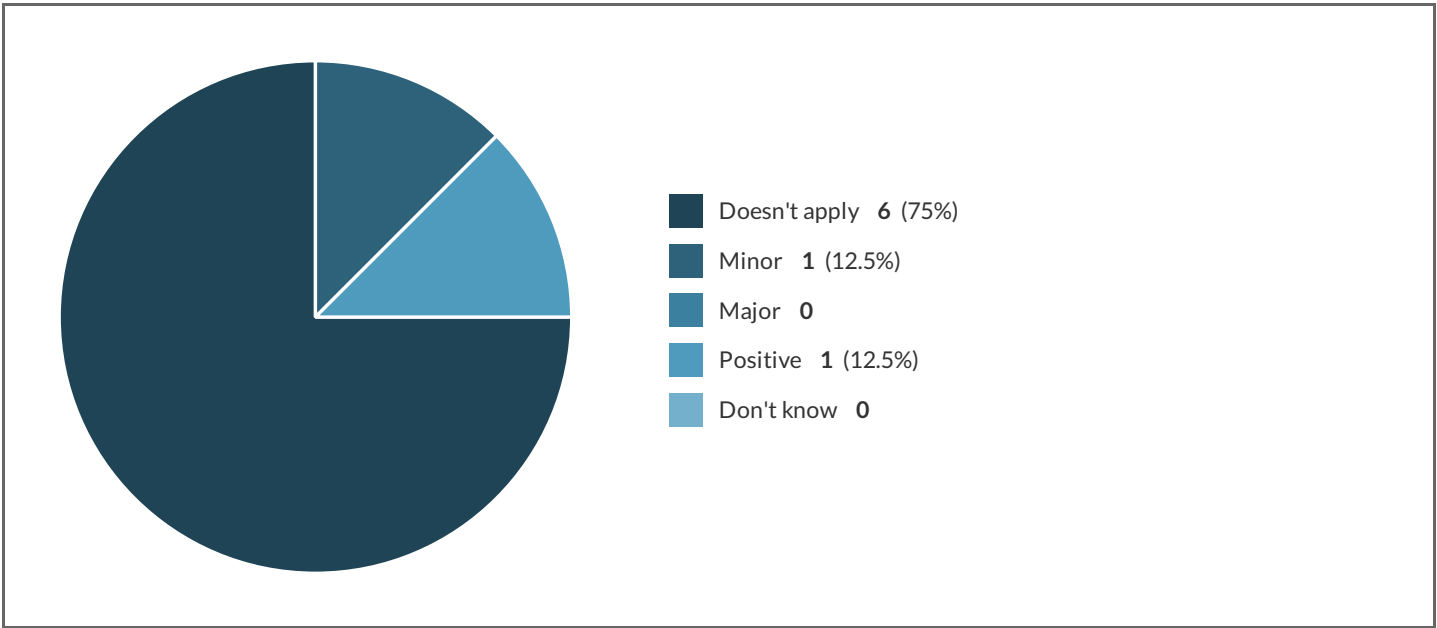
**5.5.b** Increases the computing power needed - Frequency Cost is Experienced



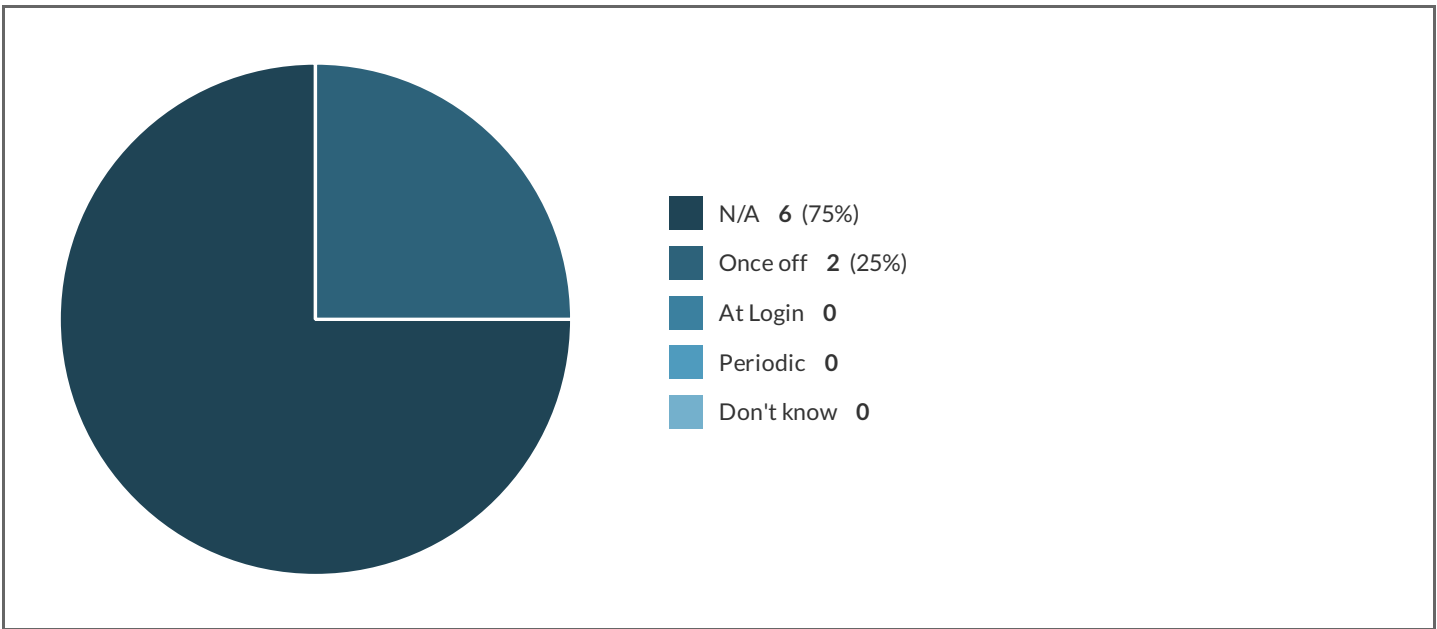
**5.6** Requires other extra time or effort

**5.6.a** Requires other extra time or effort - Severity of Cost

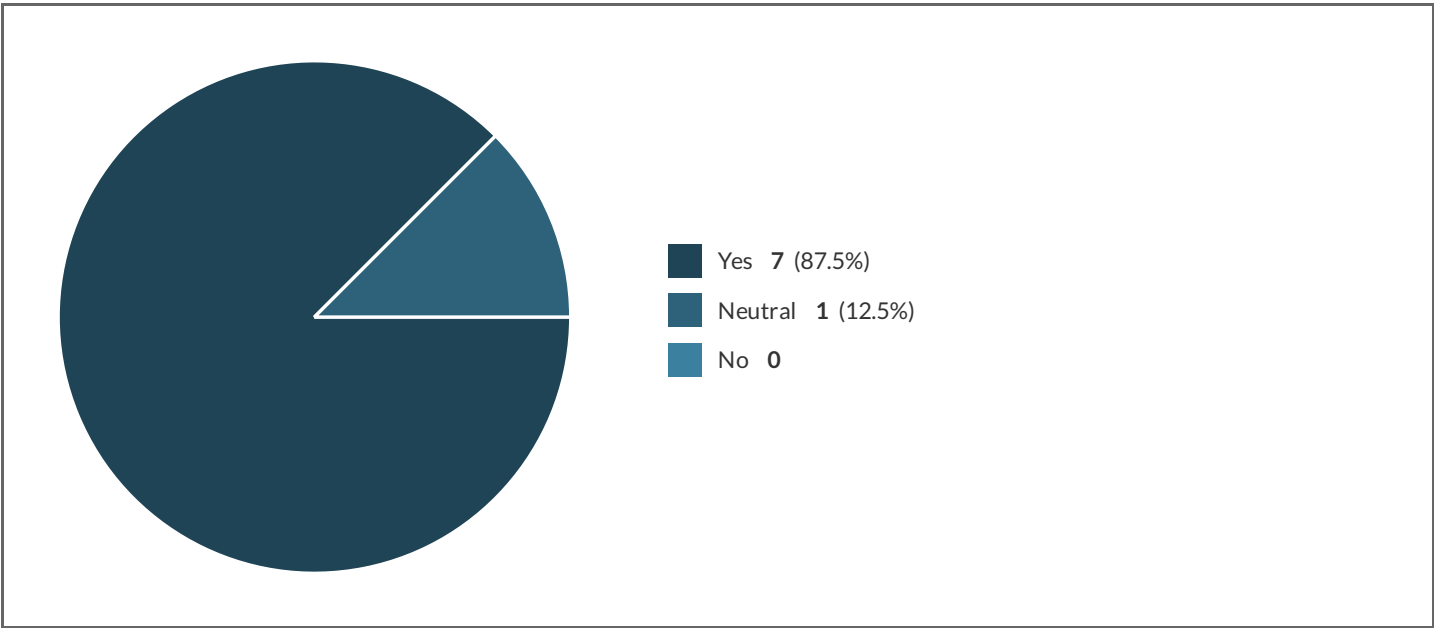




5.6.b Requires other extra time or effort - Frequency Cost is Experienced



5.a Do you approve of this advice?



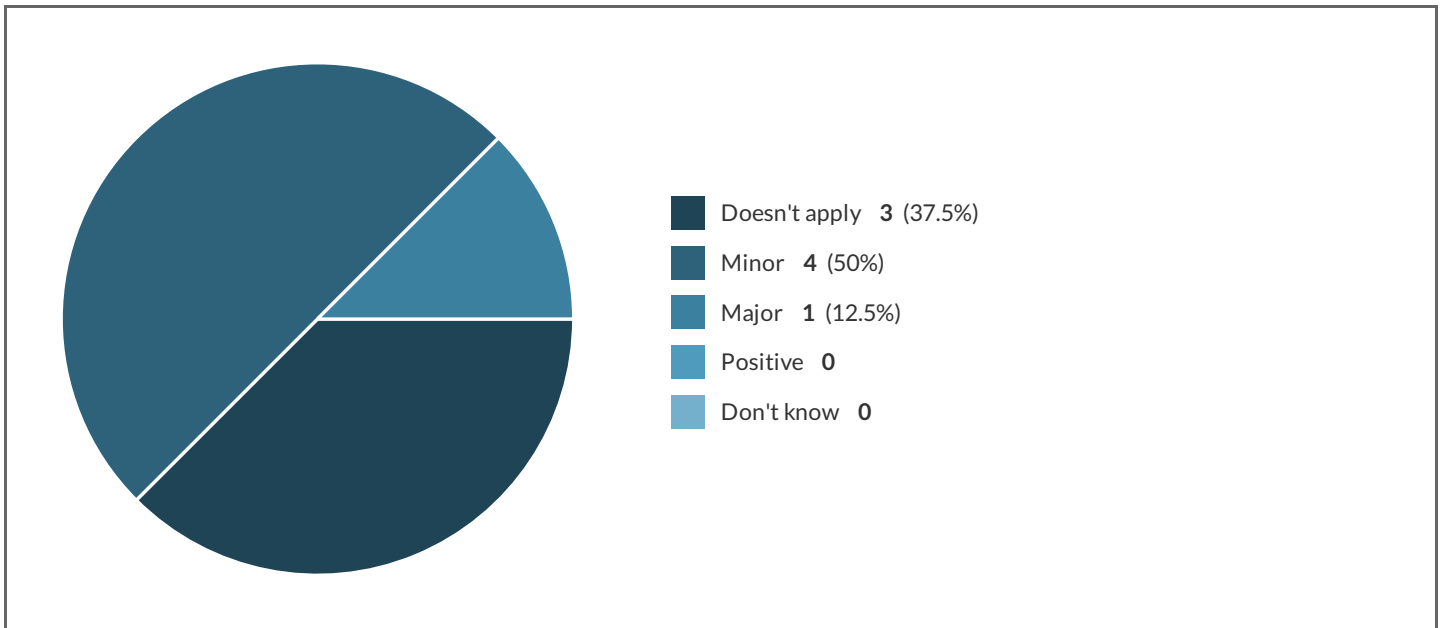
5.b Comments

Showing all 2 responses	
I'm conflicted. These passwords seem so bad that they endanger the user.	624487-624478-66086963
On its own, it's probably not effective for security. Would need to be combined with other policies.	624487-624478-66147464

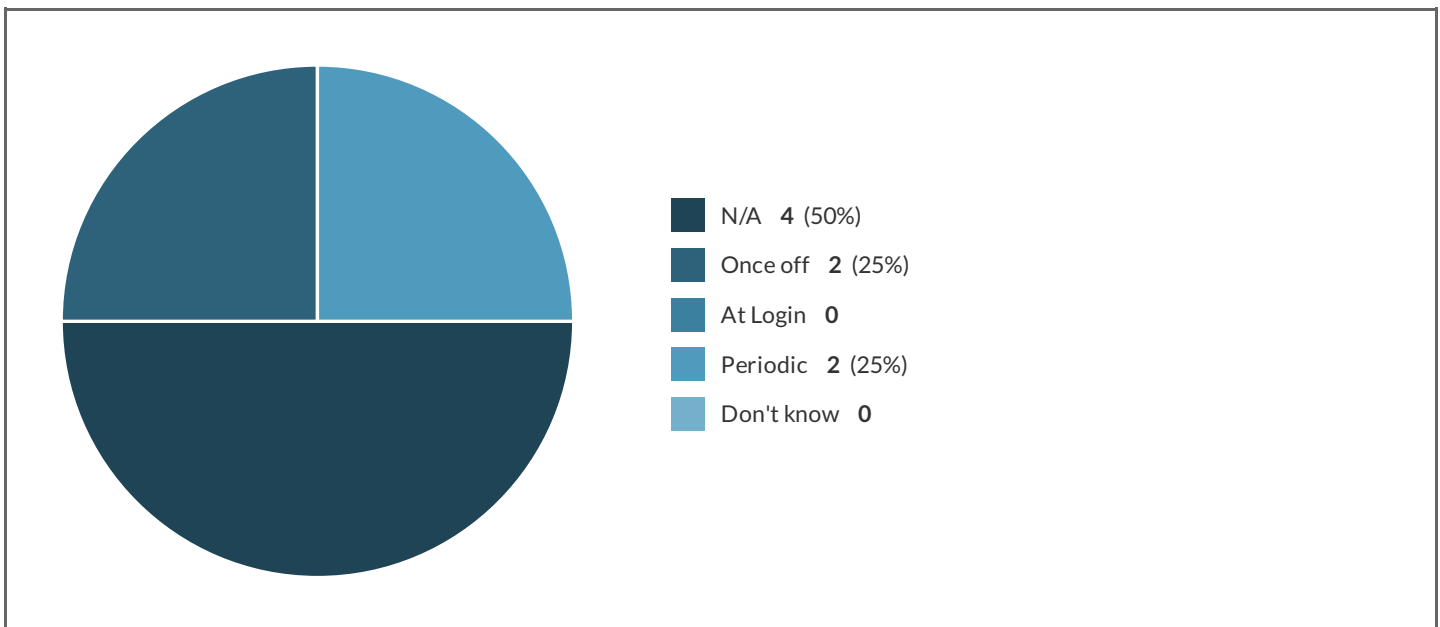
6 Password cannot be too long (e.g. must be less than 40 characters)

6.1 Makes it more difficult to create a password

6.1.a Makes it more difficult to create a password - Severity of Cost

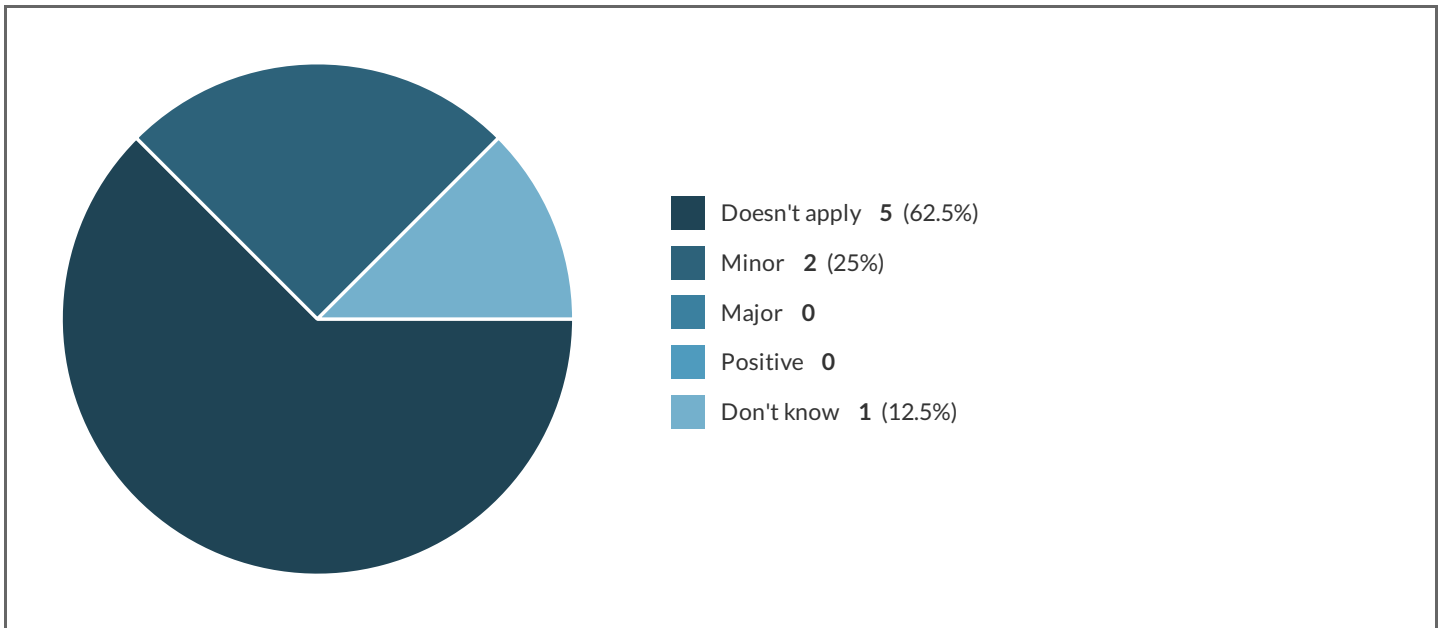


#### 6.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

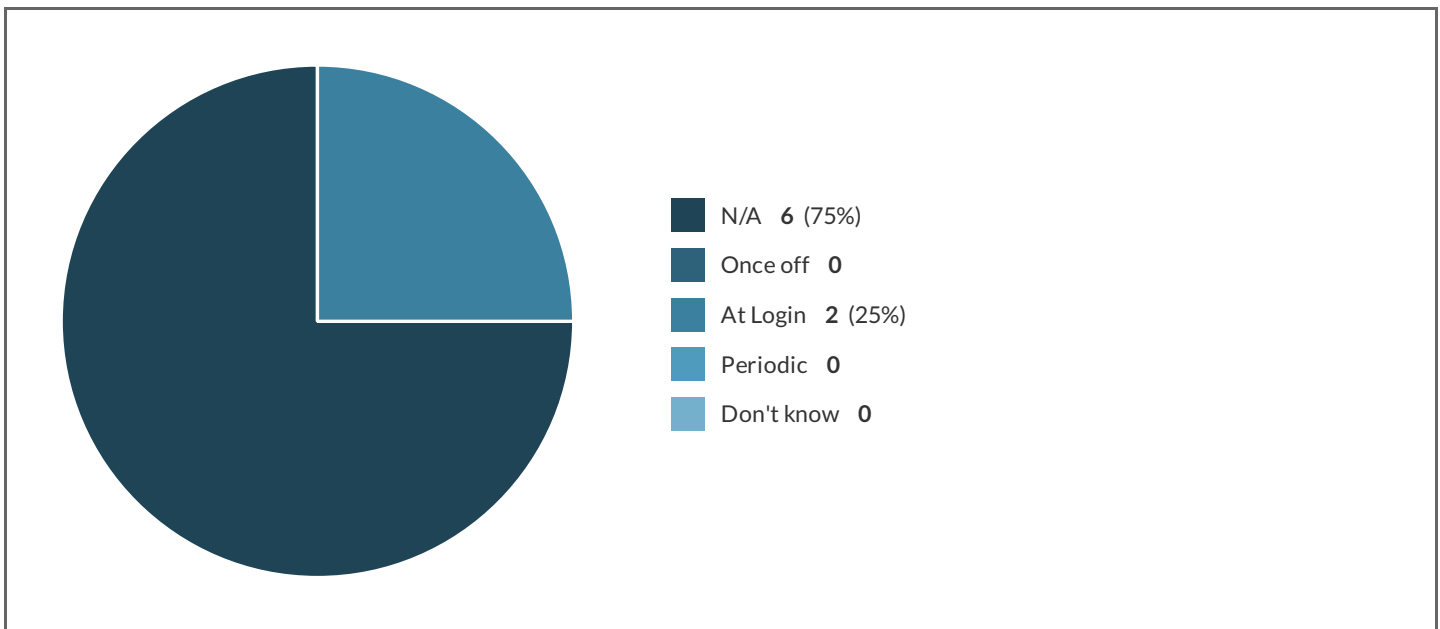


#### 6.2 Makes it less easy to remember

##### 6.2.a Makes it less easy to remember - Severity of Cost

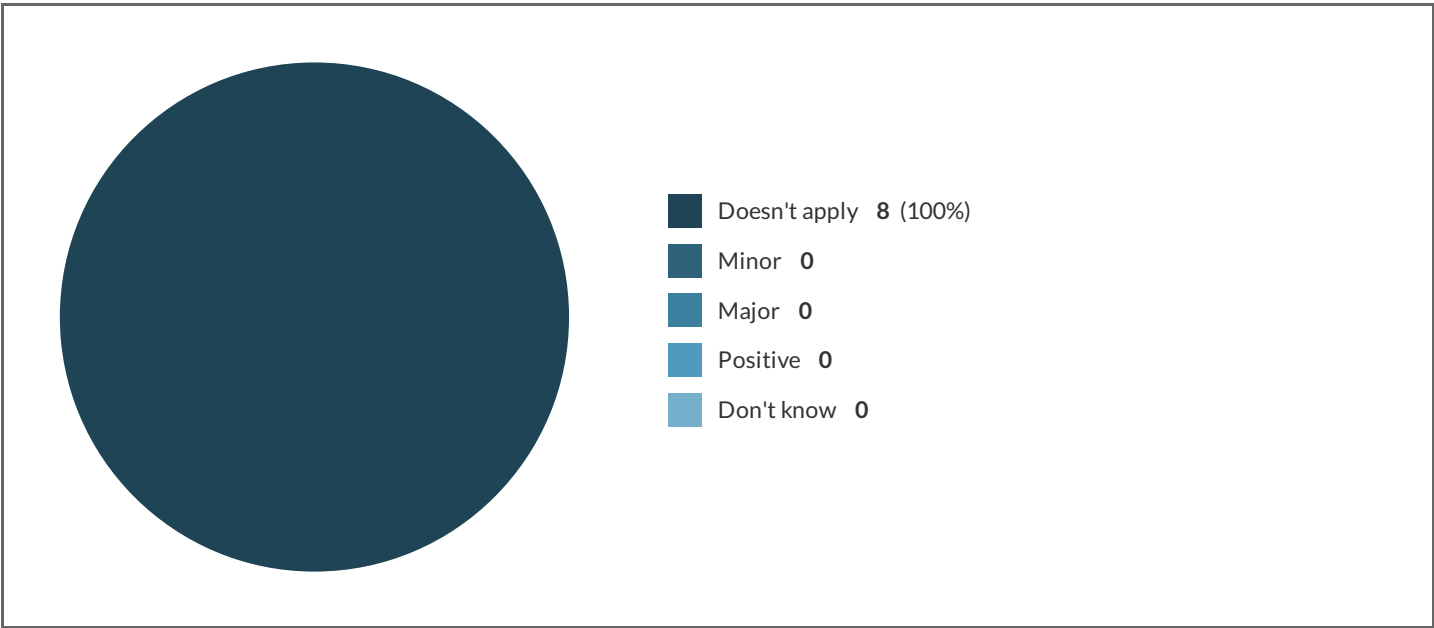


#### 6.2.b Makes it less easy to remember - Frequency Cost is Experienced

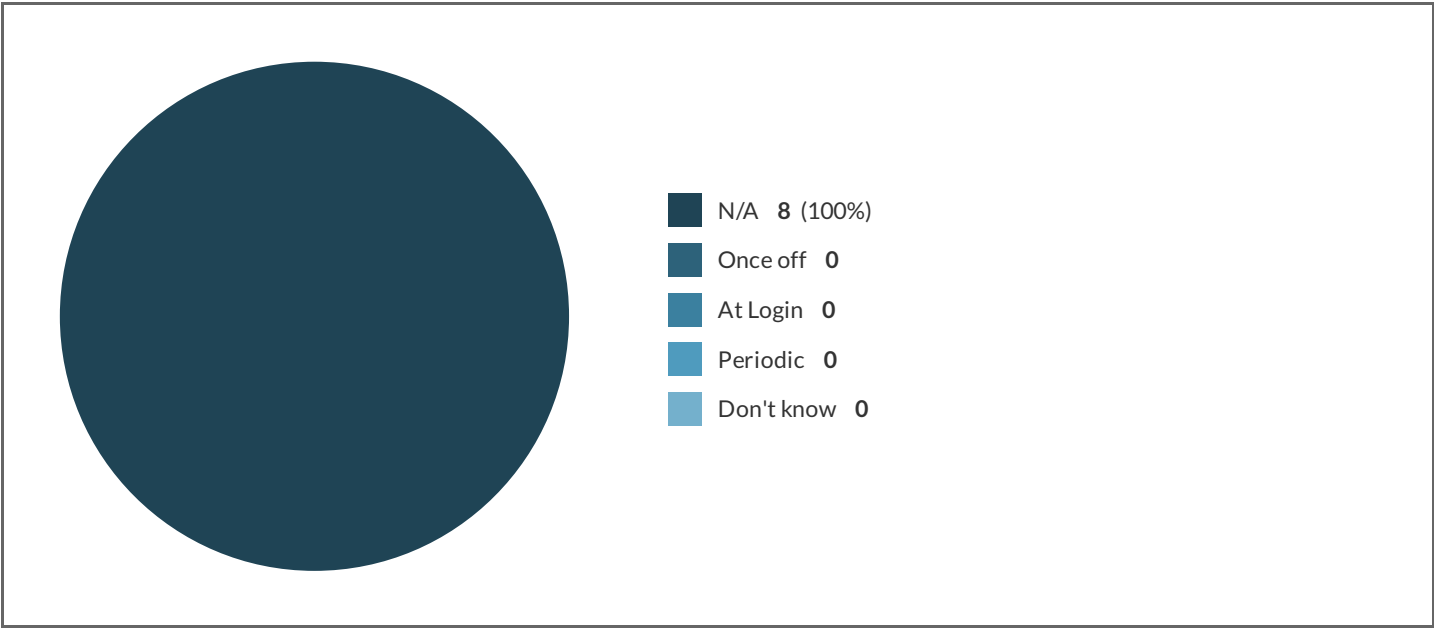


#### 6.3 Requires extra resources

##### 6.3.a Requires extra resources - Severity of Cost

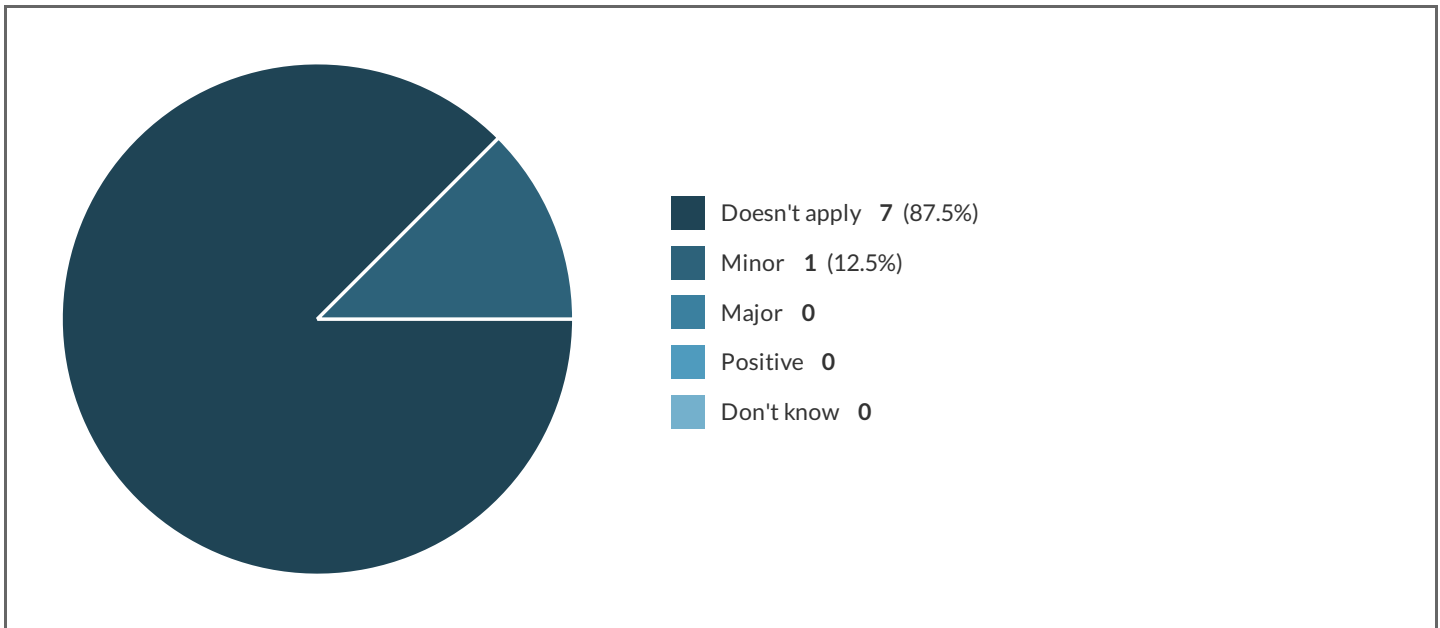


6.3.b Requires extra resources - Frequency Cost is Experienced

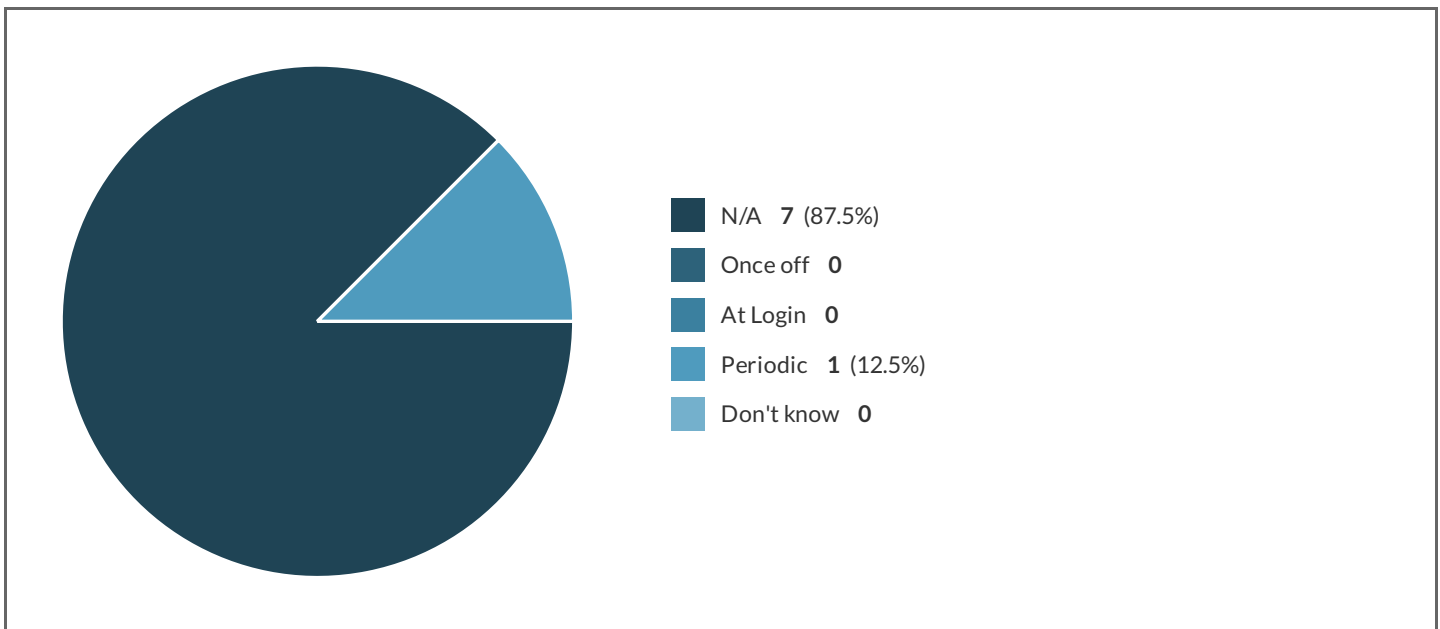


6.4 Requires the creation of a new password

6.4.a Requires the creation of a new password - Severity of Cost

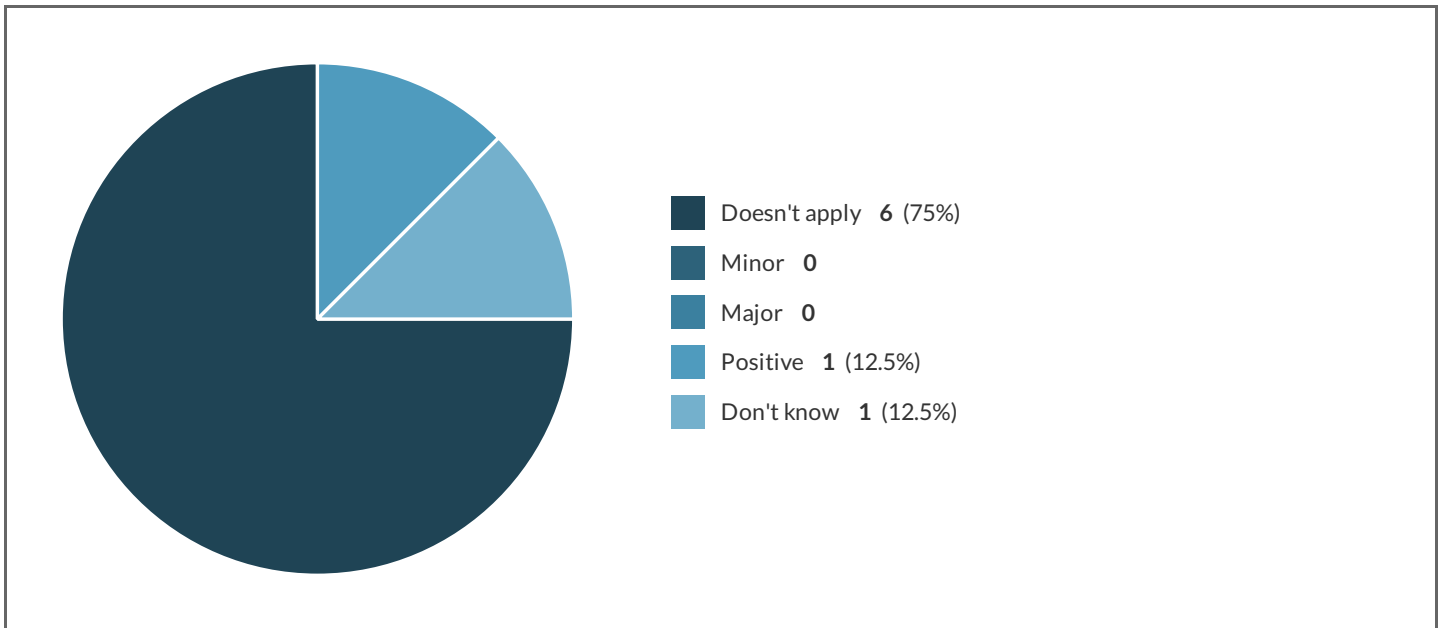


6.4.b Requires the creation of a new password - Frequency Cost is Experienced

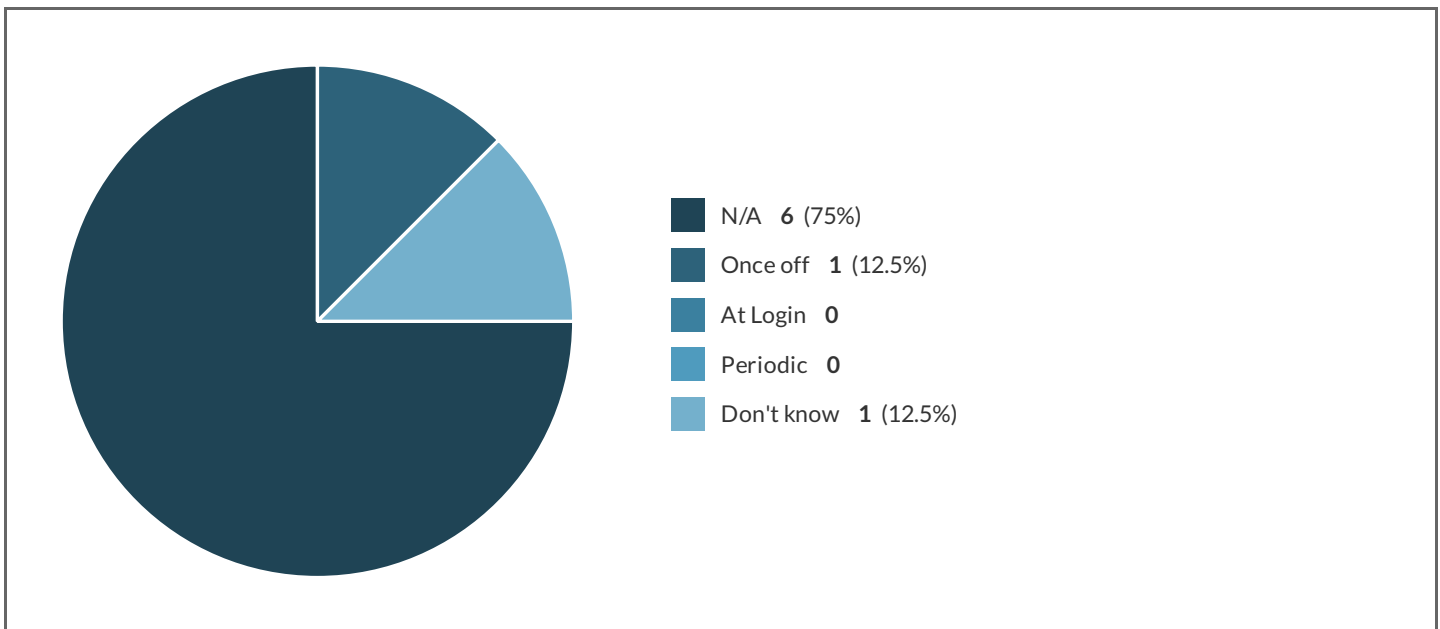


6.5 Increases the computing power needed

6.5.a Increases the computing power needed - Severity of Cost

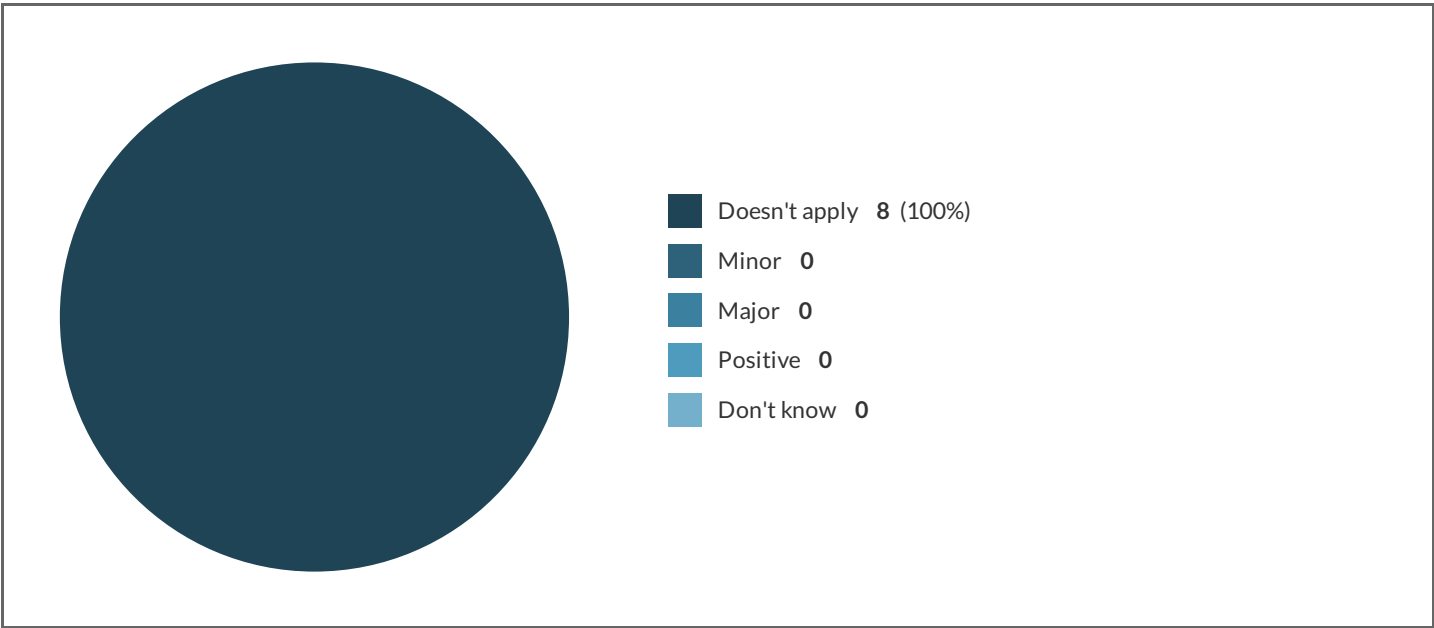


**6.5.b** Increases the computing power needed - Frequency Cost is Experienced

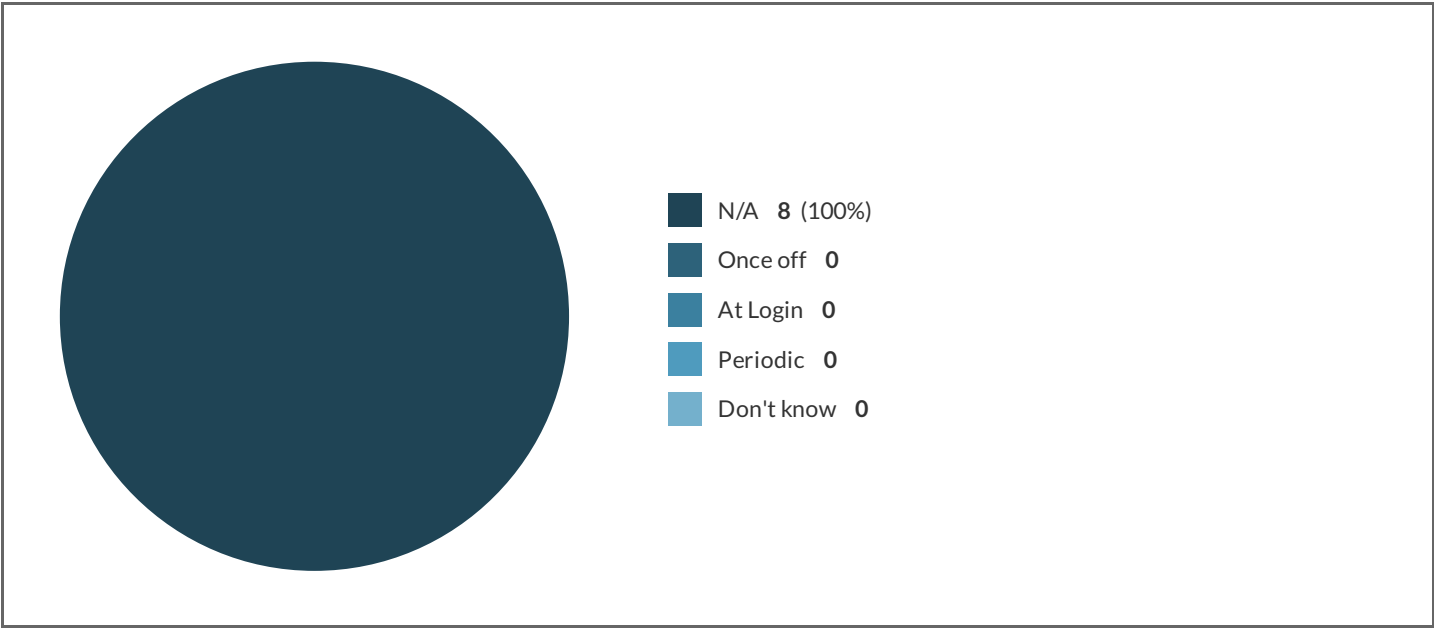


**6.6** Requires other extra time or effort

**6.6.a** Requires other extra time or effort - Severity of Cost

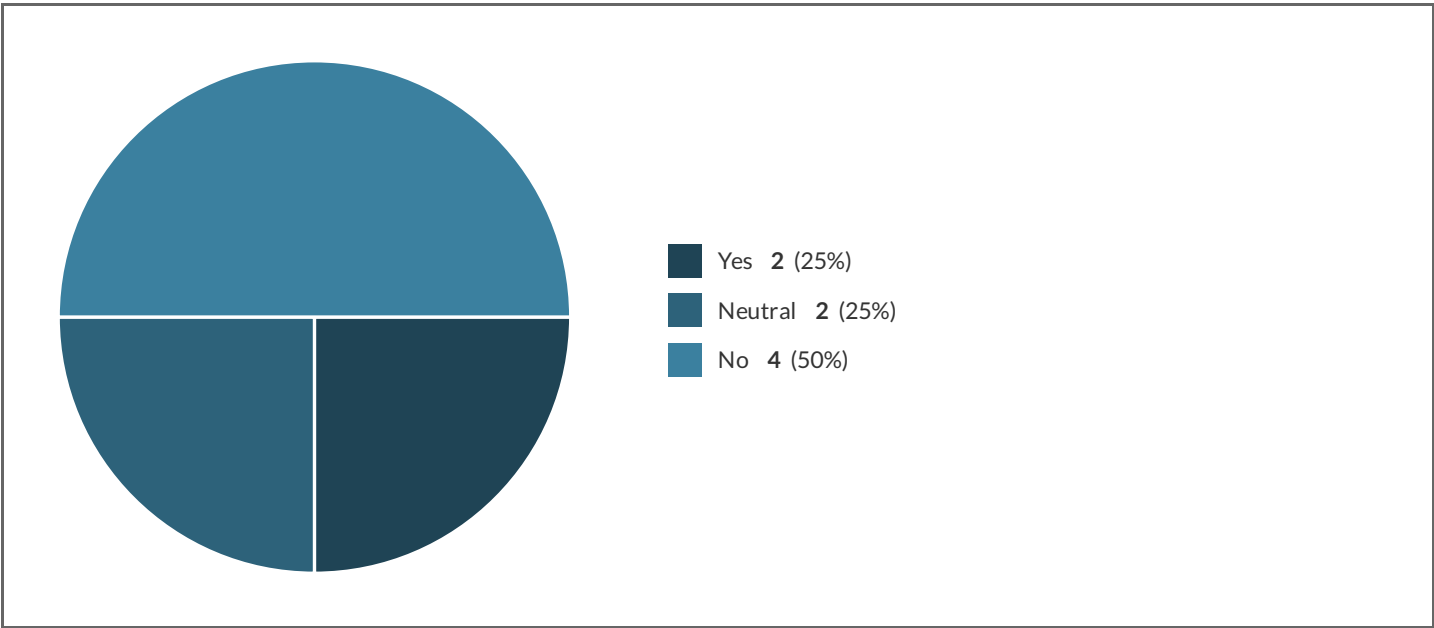


6.6.b Requires other extra time or effort - Frequency Cost is Experienced



6.a Do you approve of this advice?





6.b Comments

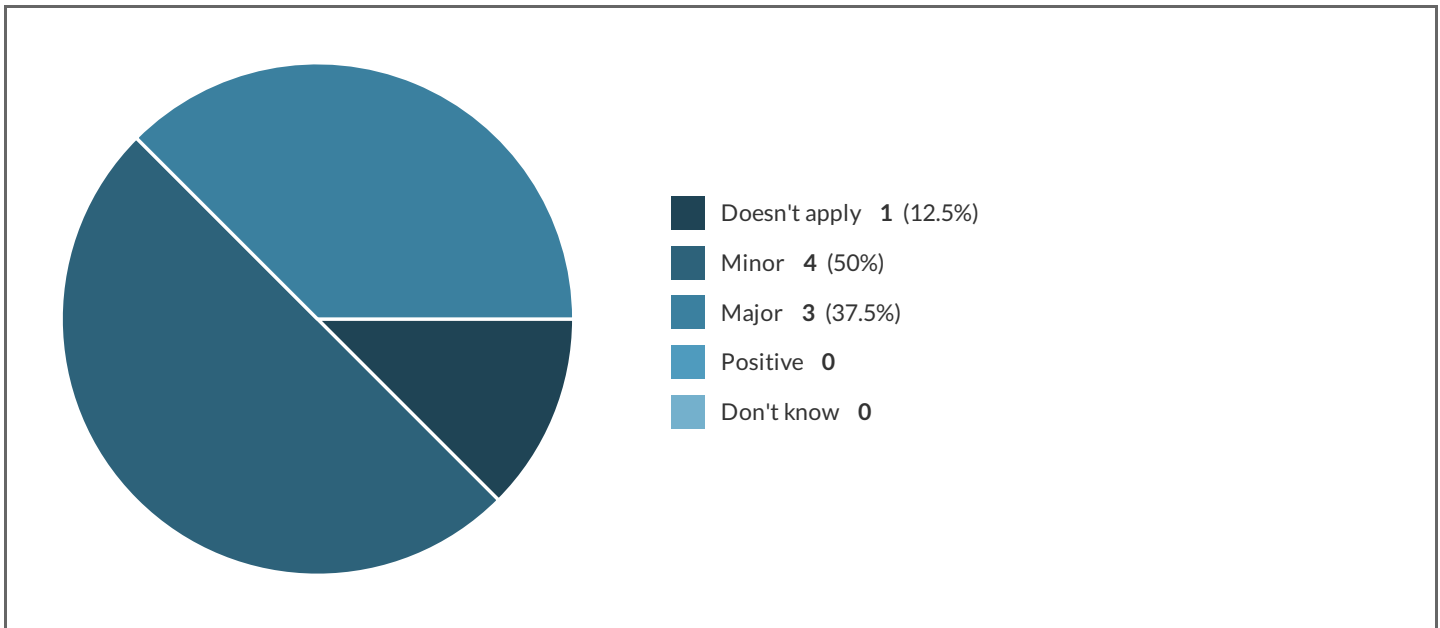
Showing all 2 responses	
I guess you have to set a limit so that people don't blow your database, but this seems excessive.	624487-624478-66086963
Terrible advice. The hashing function shouldn't care about length.	624487-624478-66147464

Expiry

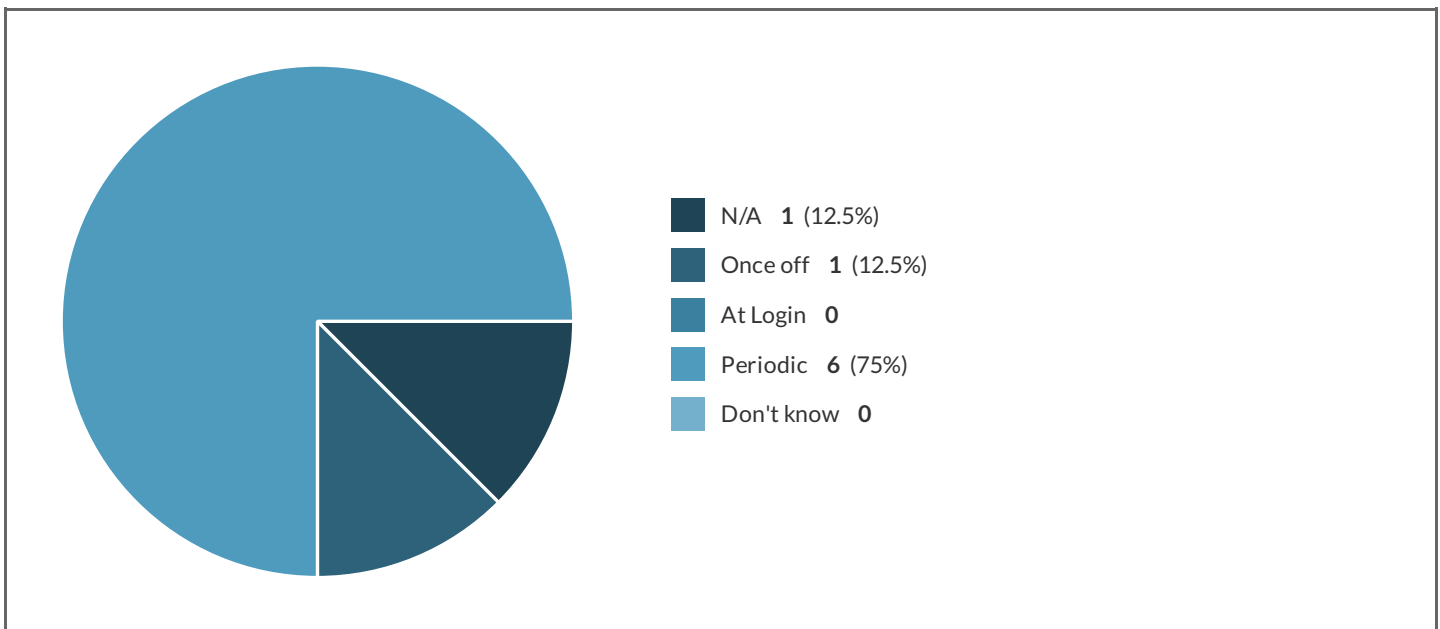
7 You should not be allowed to use a password that you used previously on this website or computer

7.1 Makes it more difficult to create a password

7.1.a Makes it more difficult to create a password - Severity of Cost

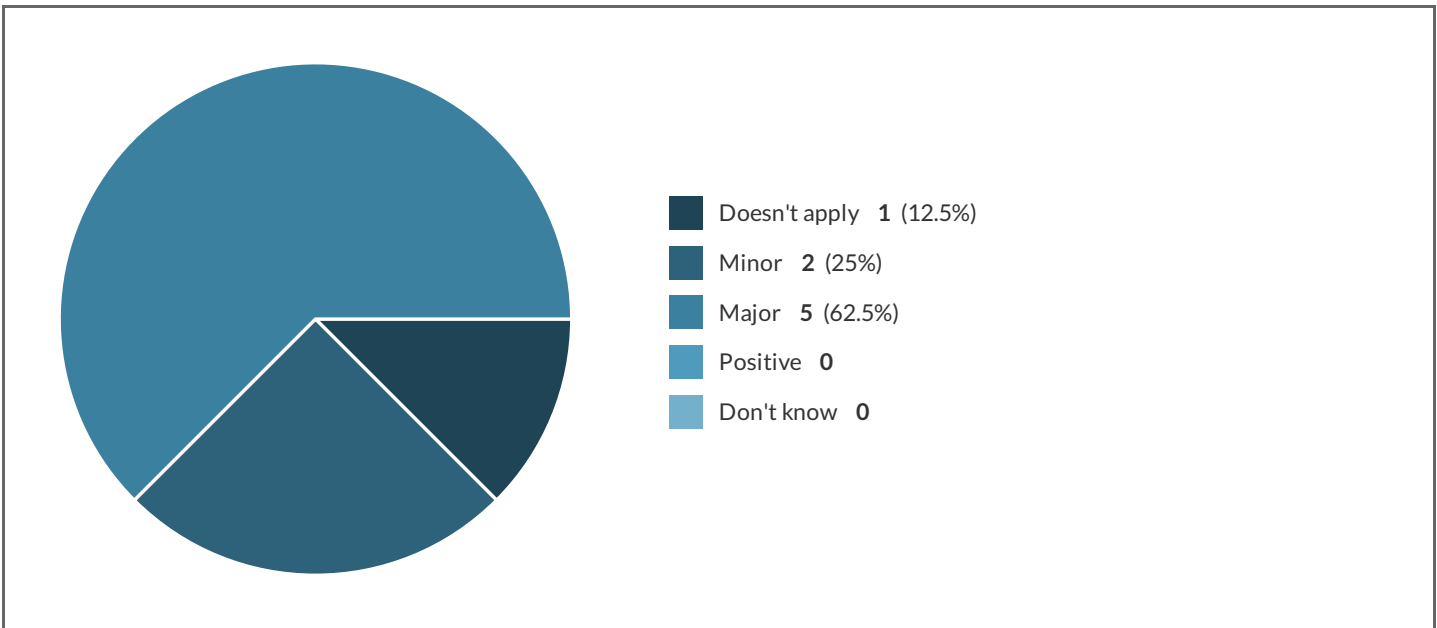


#### 7.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

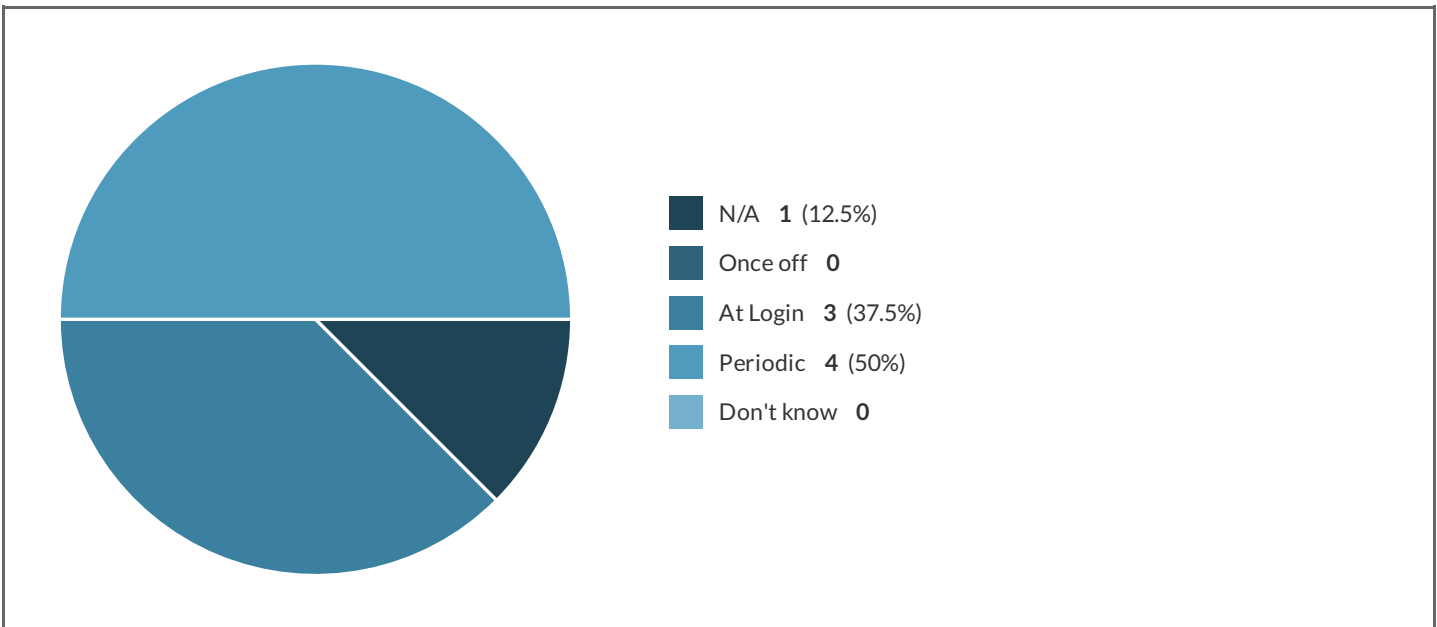


#### 7.2 Makes it less easy to remember

##### 7.2.a Makes it less easy to remember - Severity of Cost

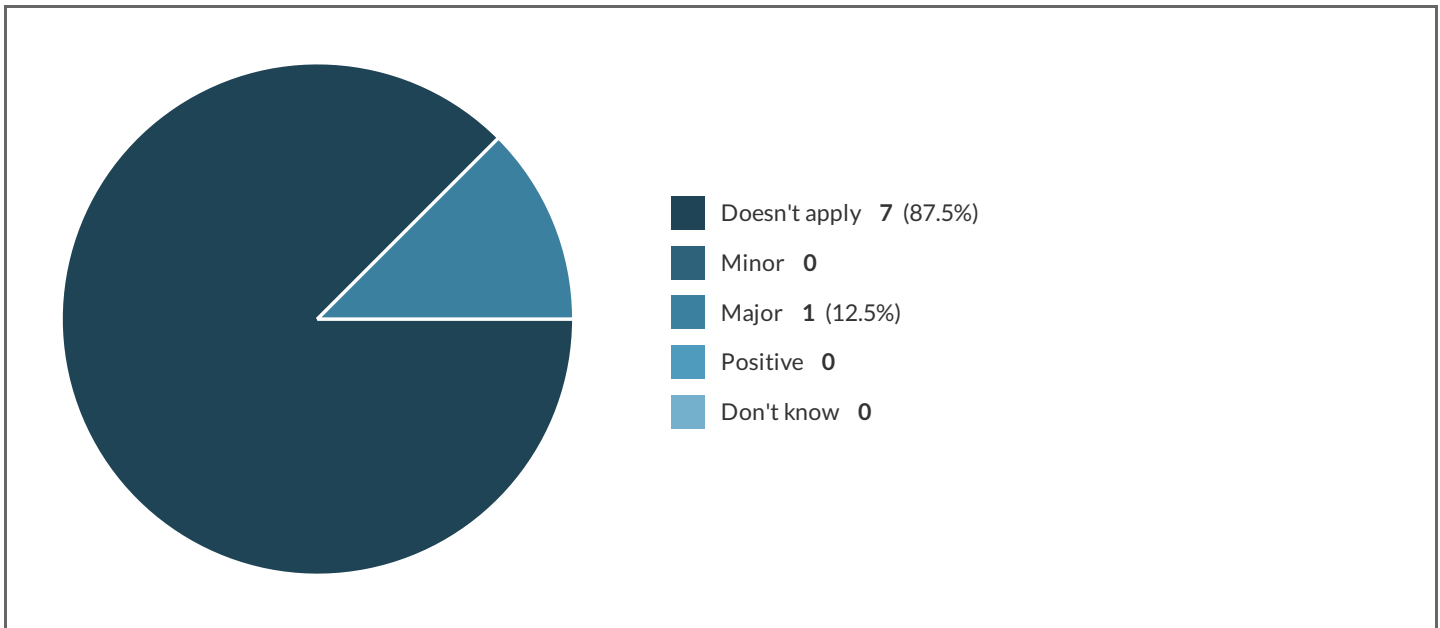


#### 7.2.b Makes it less easy to remember - Frequency Cost is Experienced

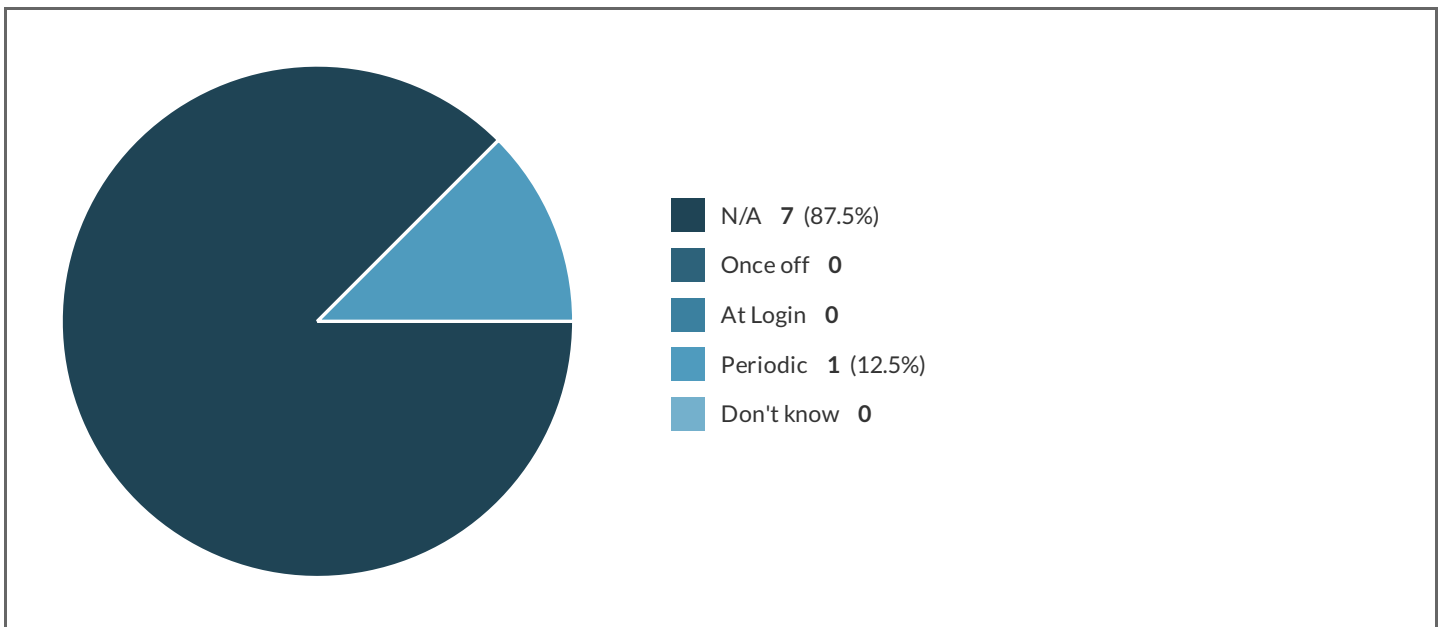


#### 7.3 Requires extra resources

##### 7.3.a Requires extra resources - Severity of Cost

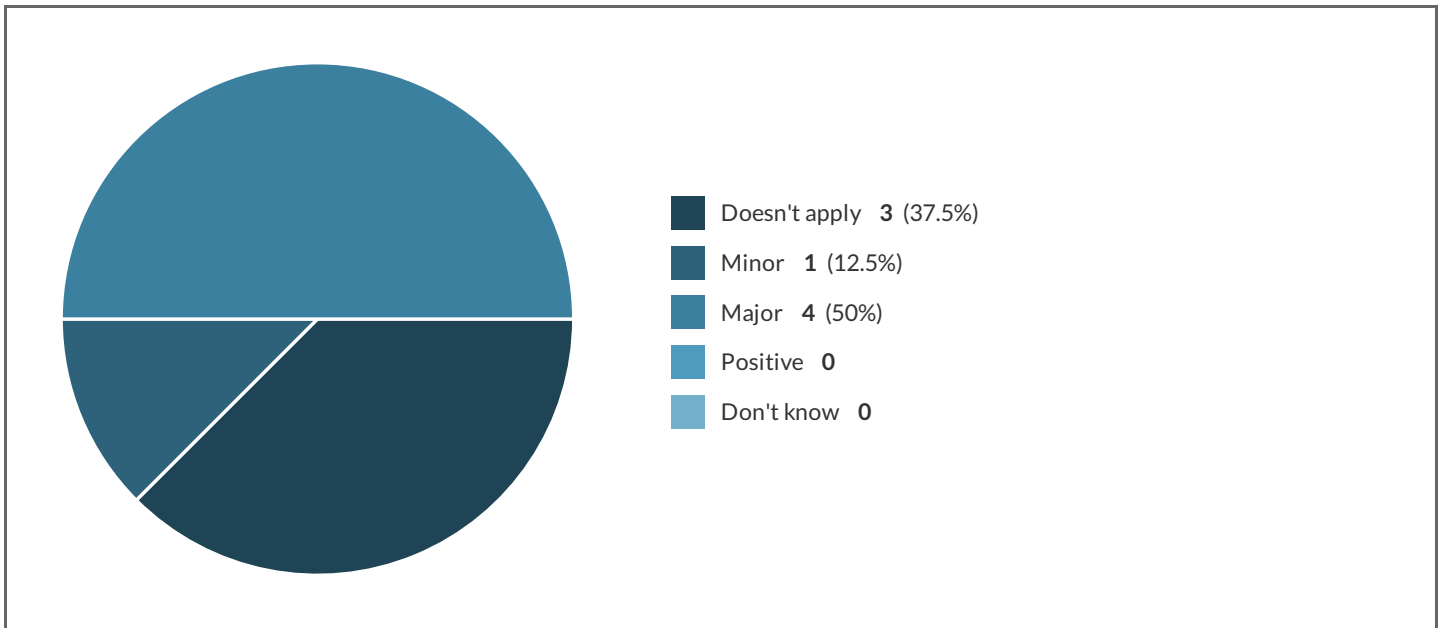


#### 7.3.b Requires extra resources - Frequency Cost is Experienced

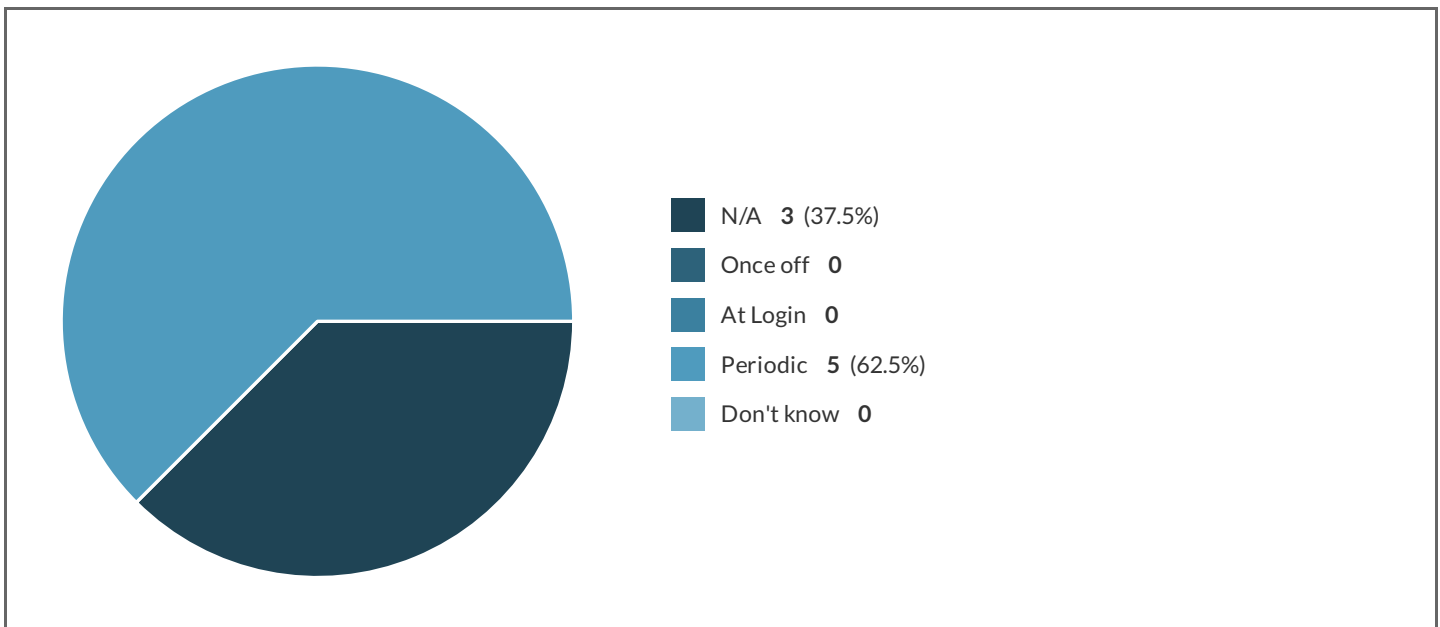


#### 7.4 Requires the creation of a new password

##### 7.4.a Requires the creation of a new password - Severity of Cost

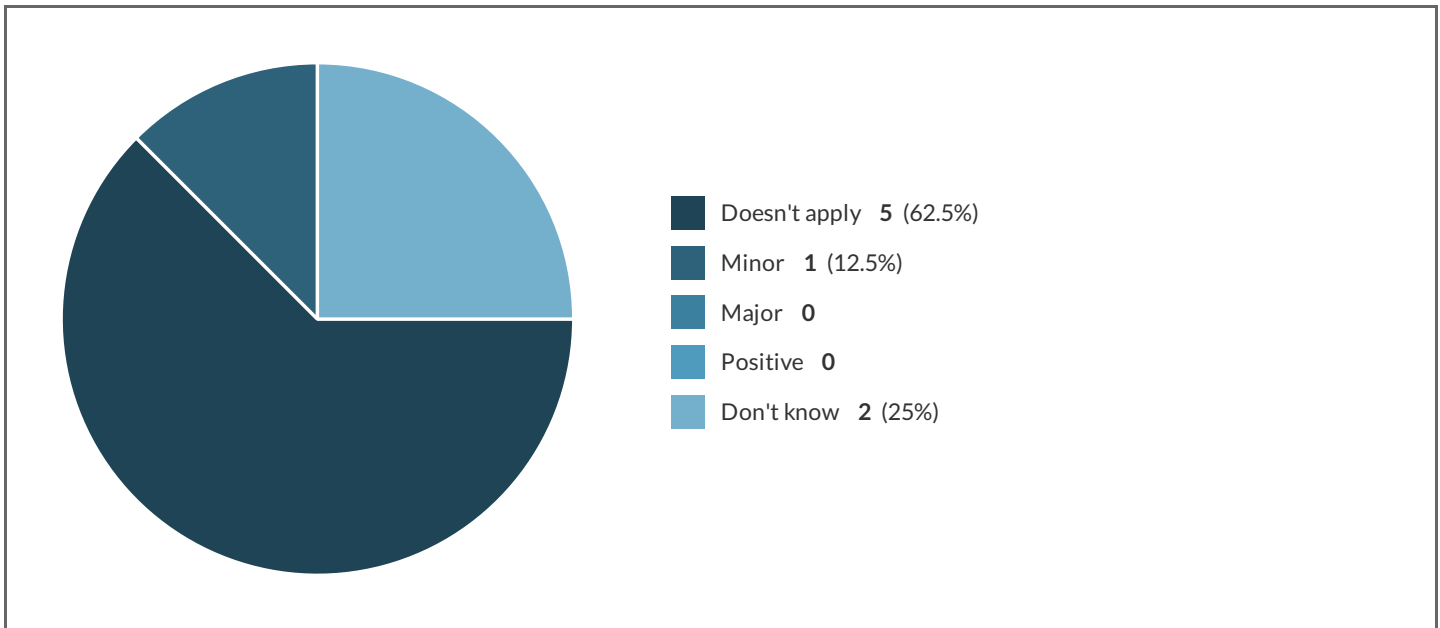


#### 7.4.b Requires the creation of a new password - Frequency Cost is Experienced

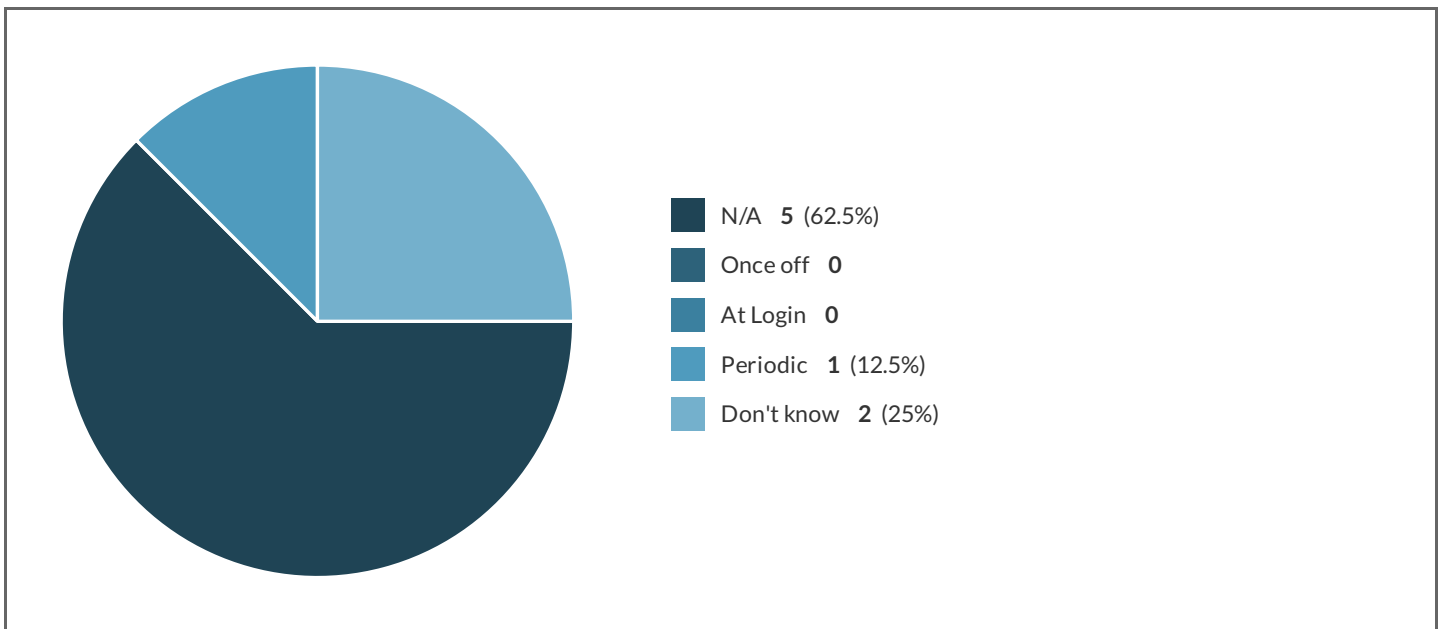


#### 7.5 Increases the computing power needed

##### 7.5.a Increases the computing power needed - Severity of Cost

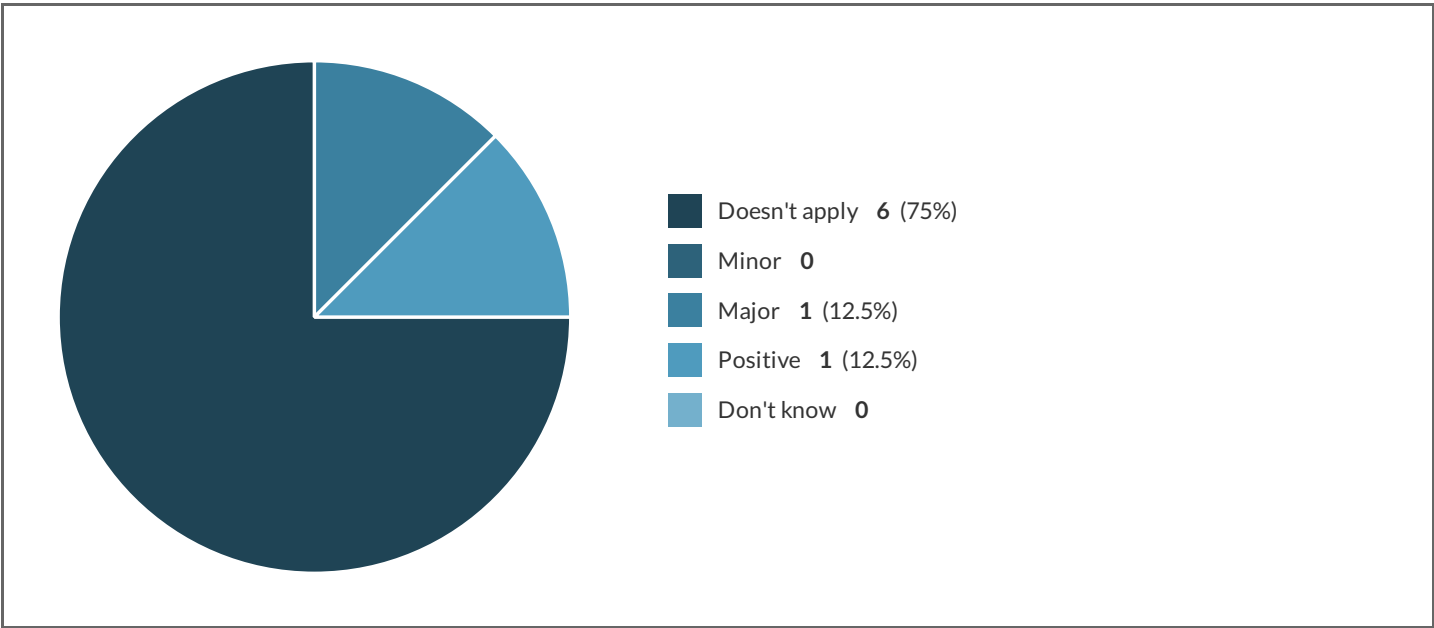


**7.5.b** Increases the computing power needed - Frequency Cost is Experienced

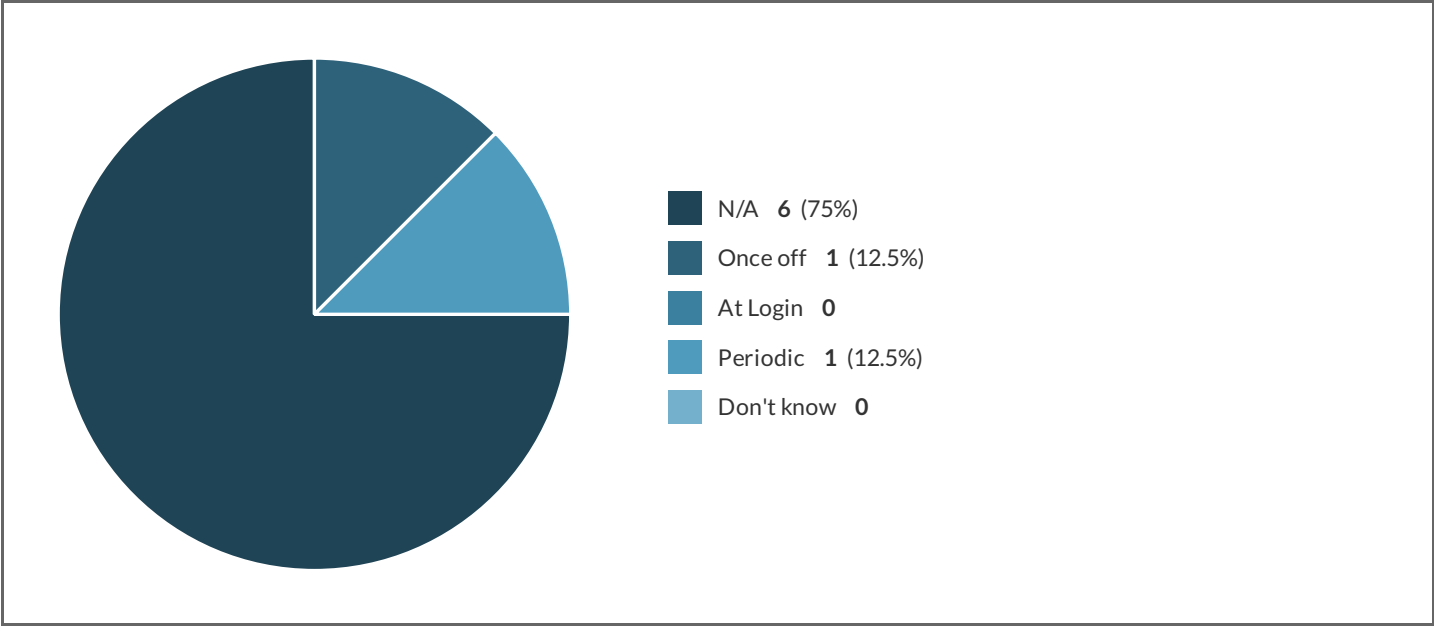


**7.6** Requires other extra time or effort

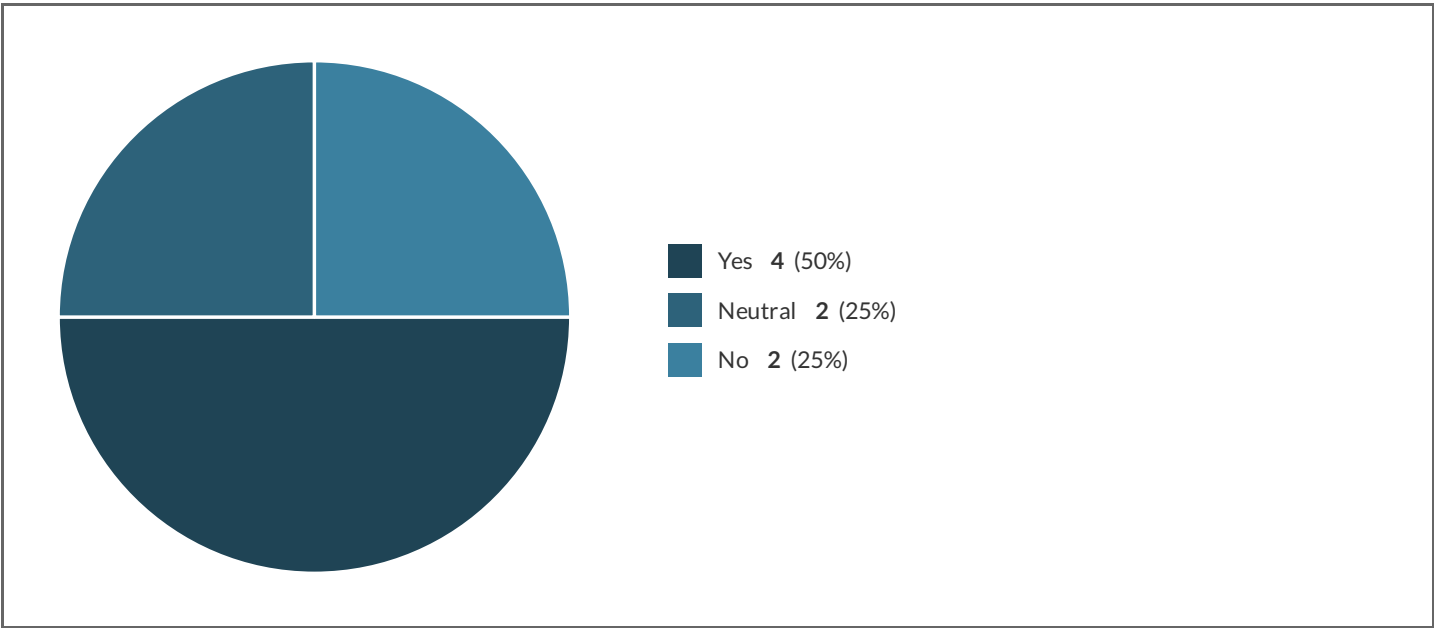
**7.6.a** Requires other extra time or effort - Severity of Cost



**7.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**7.a** Do you approve of this advice?



7.b Comments

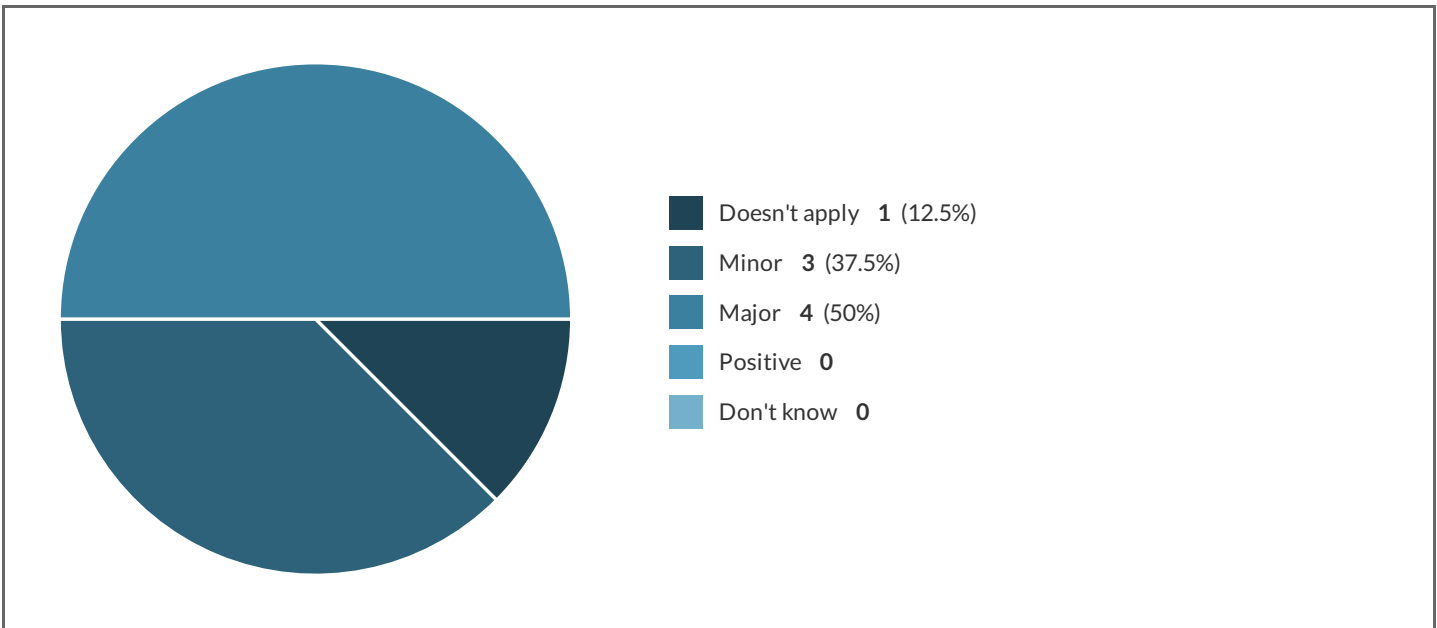
Showing all 2 responses	
Especially bad when used in conjunction with other rules. You have to come up with more grotesque modifications of your password every time you forget it, which in turn makes the password even harder to remember.	624487-624478-66086963
Good idea in general. Using a password manager removes the difficulty on the user.	624487-624478-66147464

8 Change your password regularly

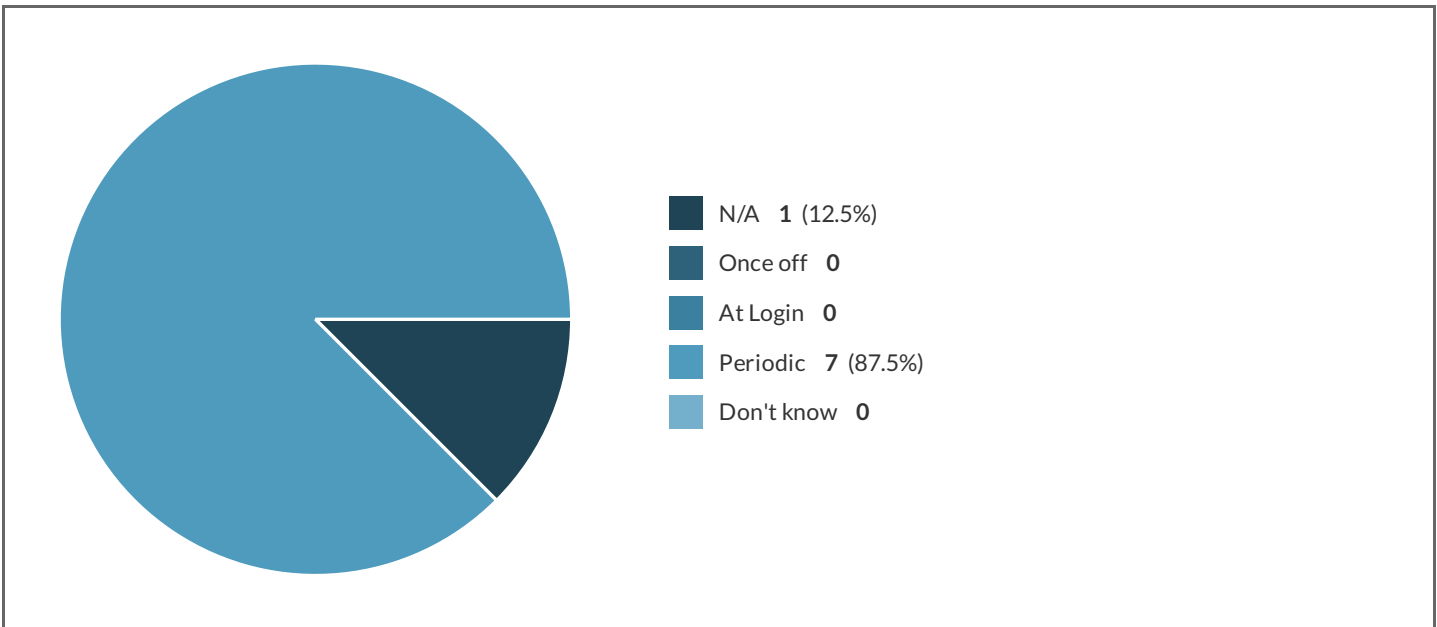
8.1 Makes it more difficult to create a password

8.1.a Makes it more difficult to create a password - Severity of Cost



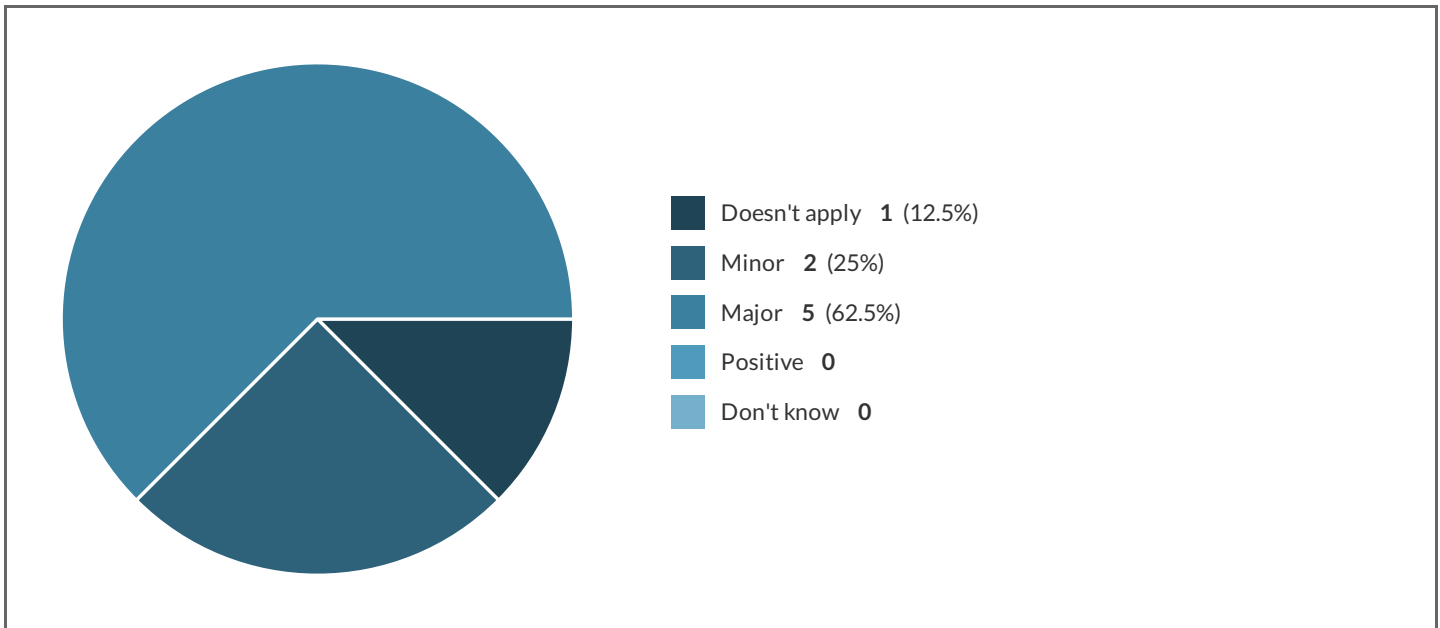


#### 8.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

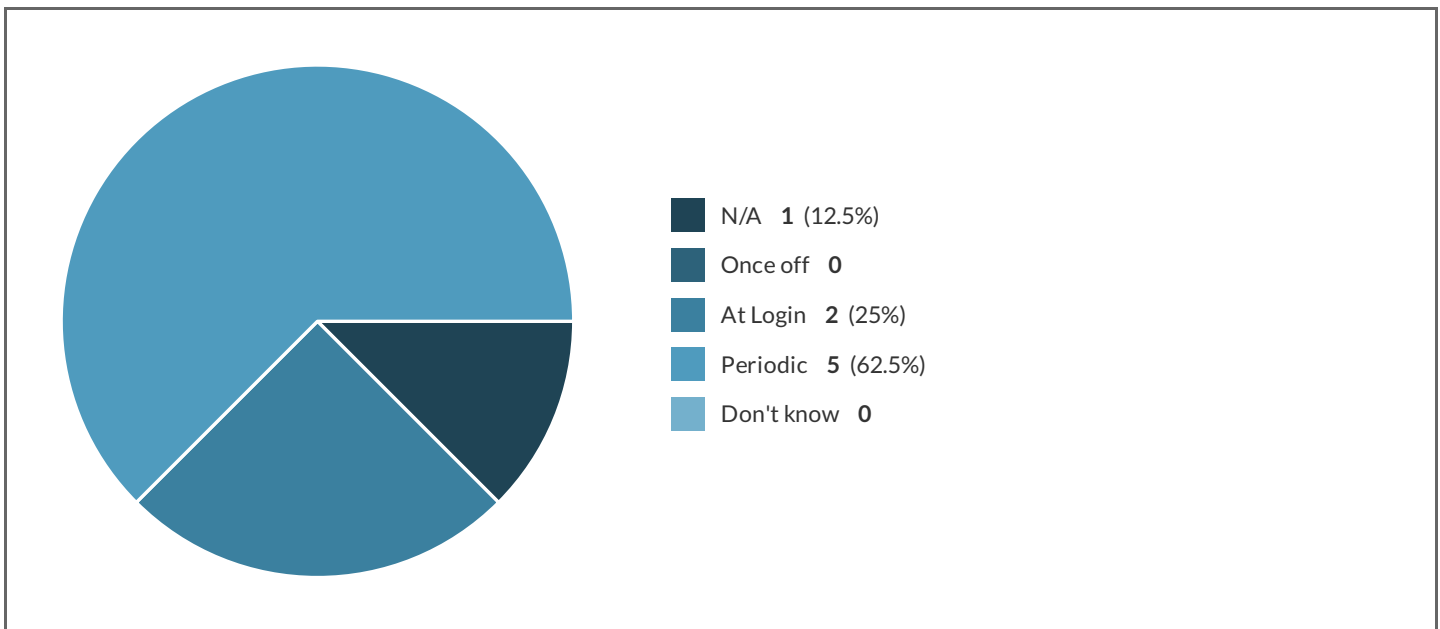


#### 8.2 Makes it less easy to remember

#### 8.2.a Makes it less easy to remember - Severity of Cost

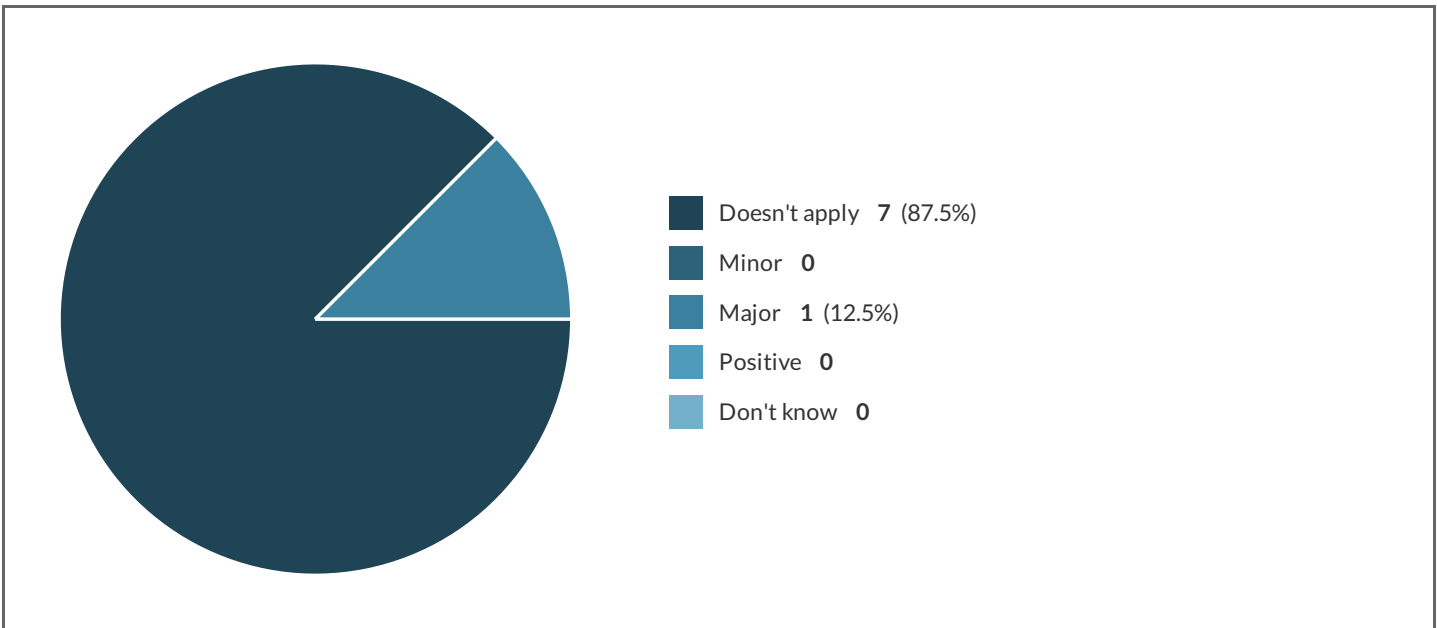


#### 8.2.b Makes it less easy to remember - Frequency Cost is Experienced

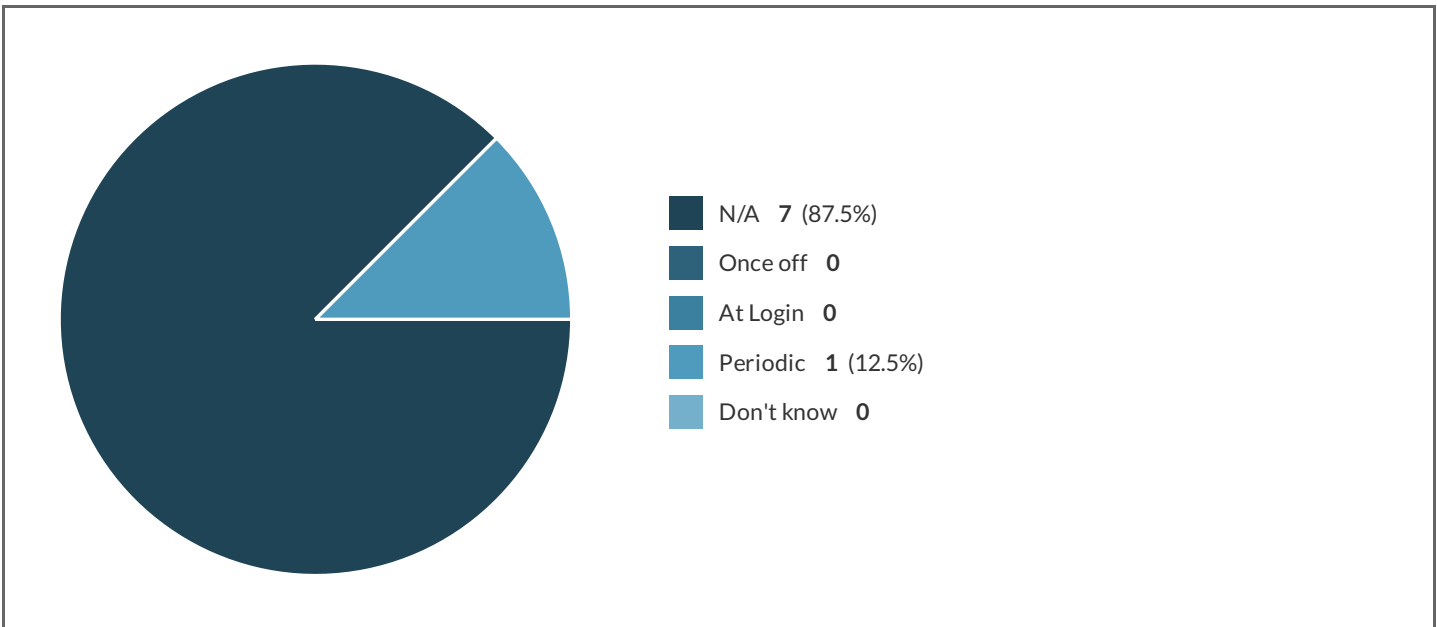


#### 8.3 Requires extra resources

##### 8.3.a Requires extra resources - Severity of Cost

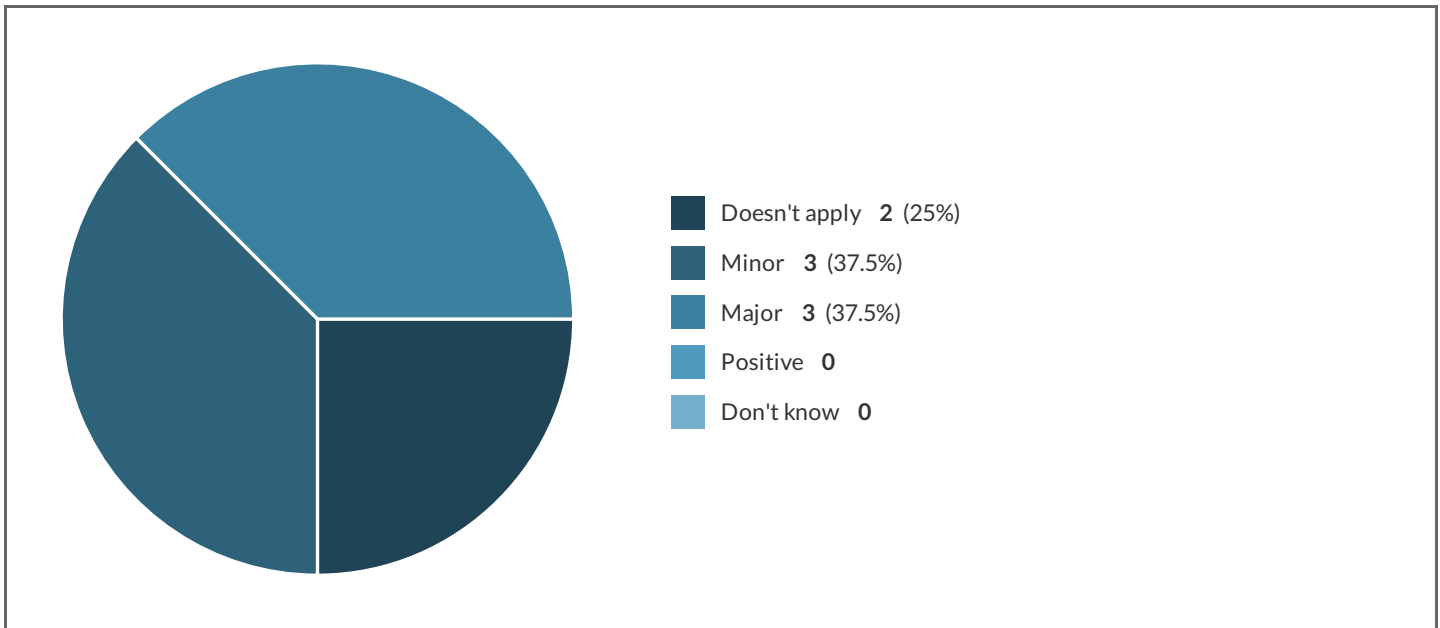


#### 8.3.b Requires extra resources - Frequency Cost is Experienced

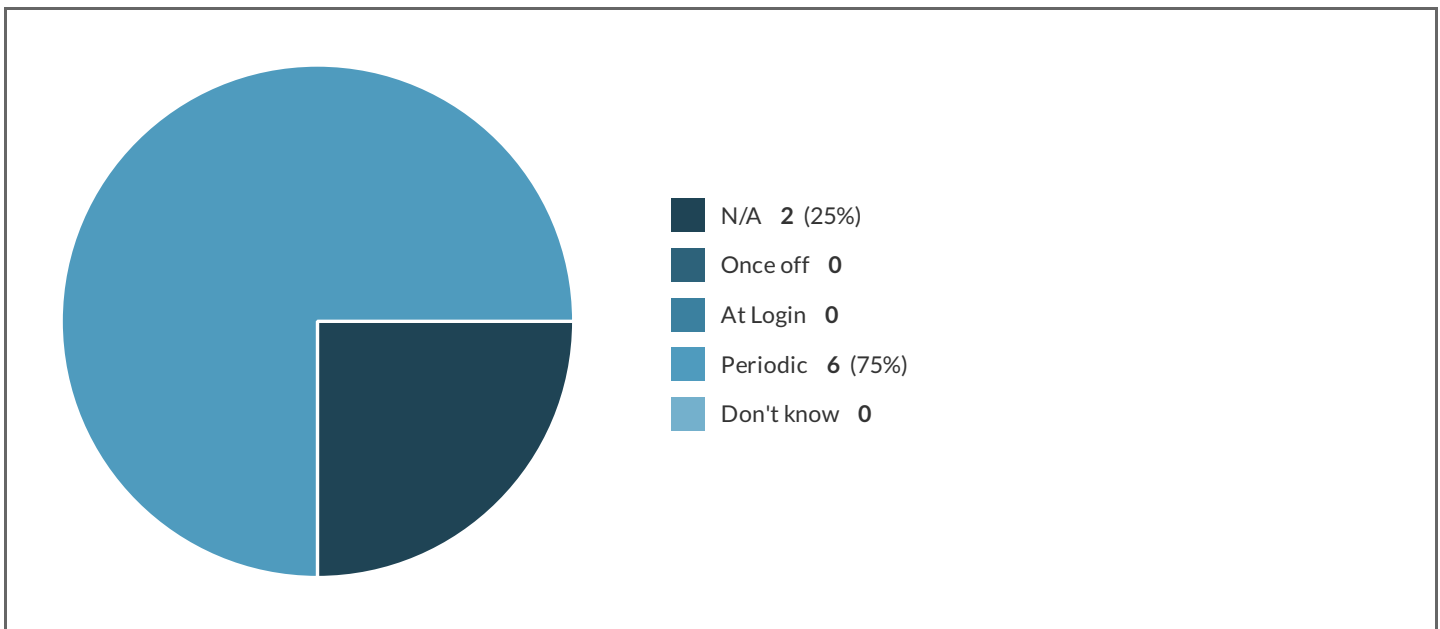


#### 8.4 Requires the creation of a new password

##### 8.4.a Requires the creation of a new password - Severity of Cost

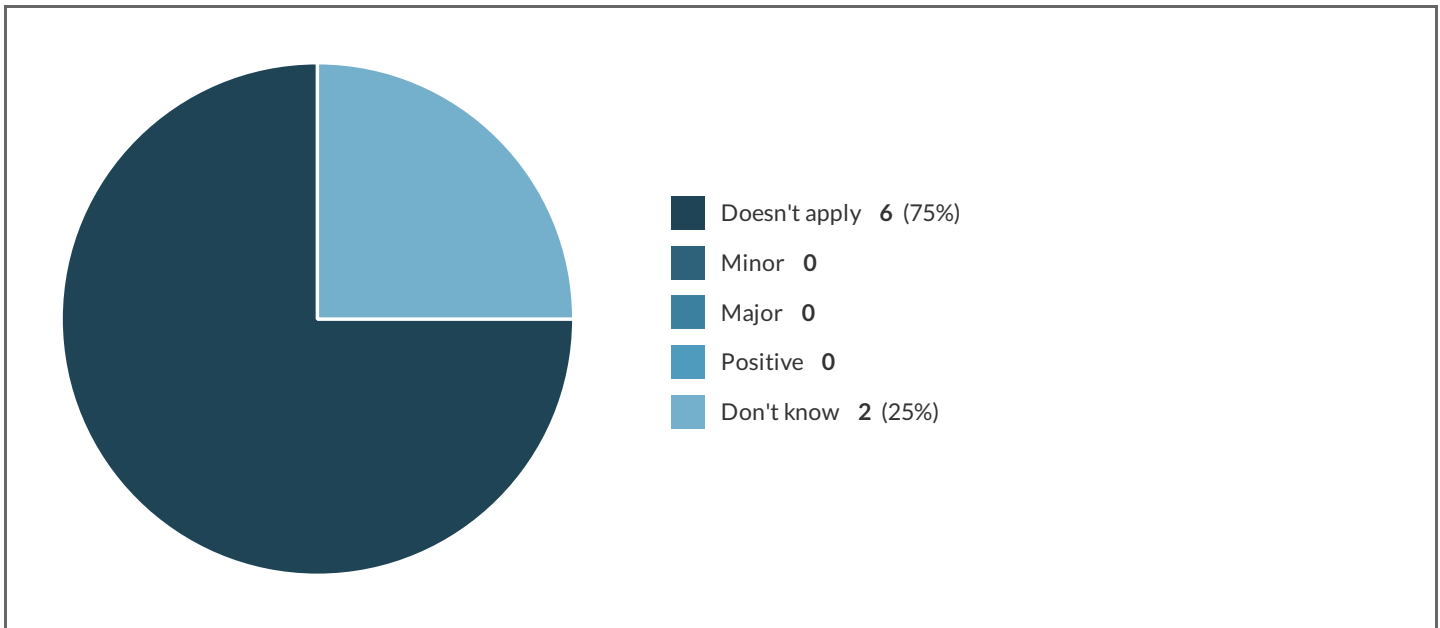


#### 8.4.b Requires the creation of a new password - Frequency Cost is Experienced

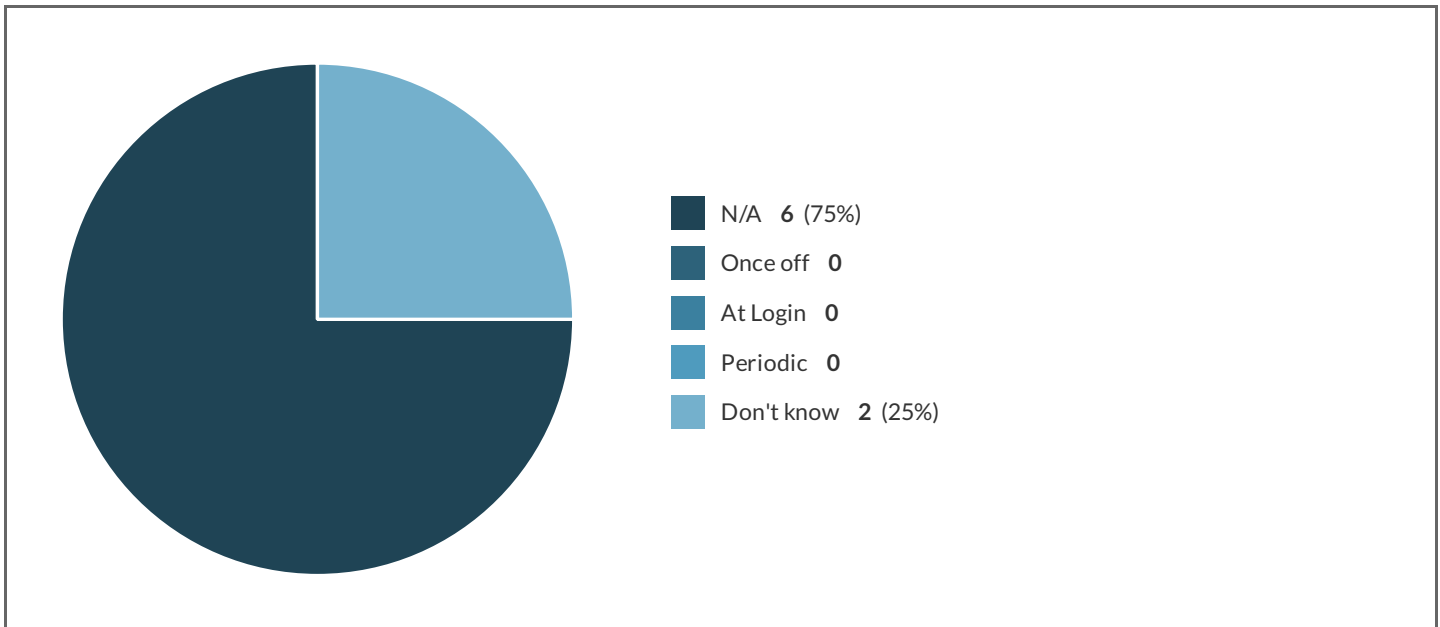


#### 8.5 Increases the computing power needed

##### 8.5.a Increases the computing power needed - Severity of Cost

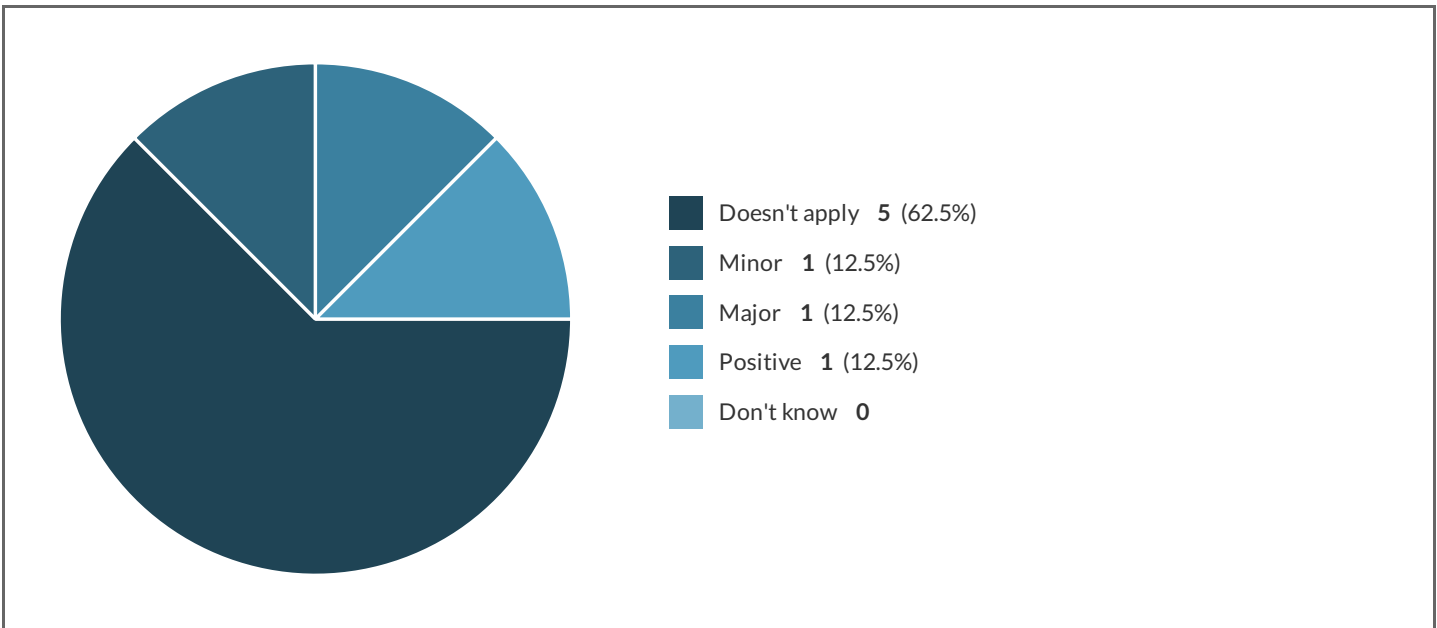


**8.5.b** Increases the computing power needed - Frequency Cost is Experienced

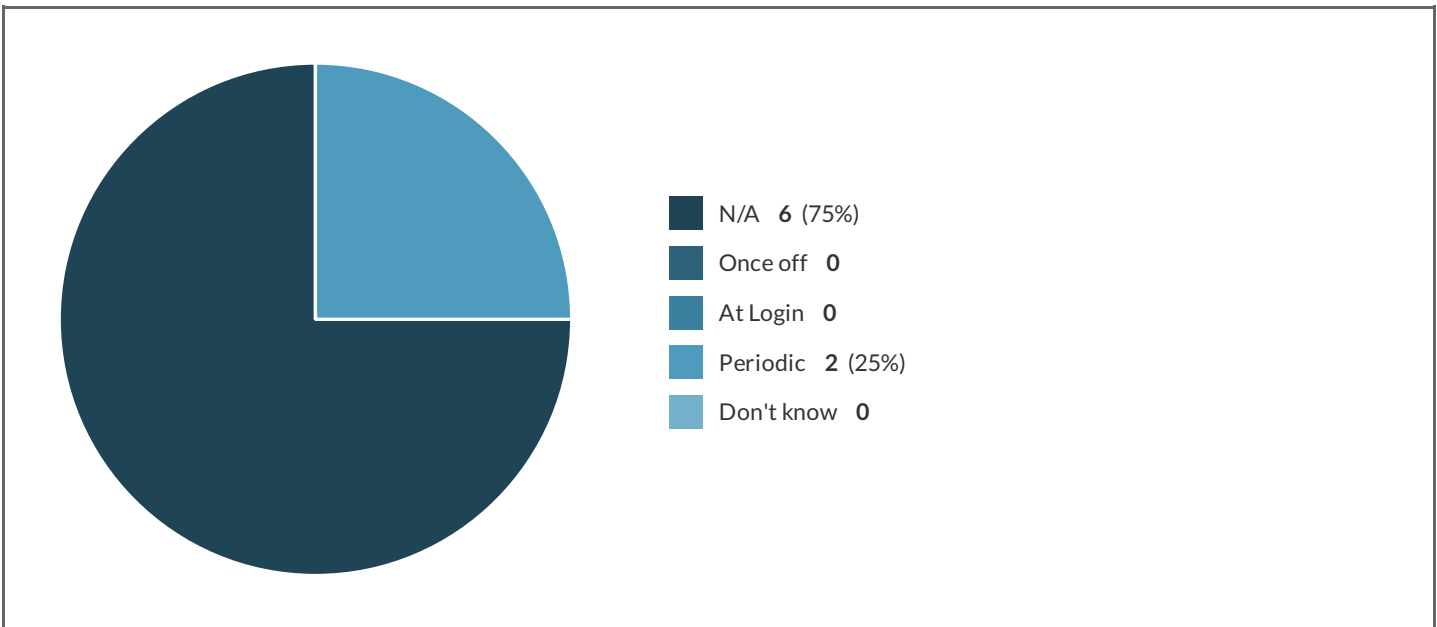


**8.6** Requires other extra time or effort

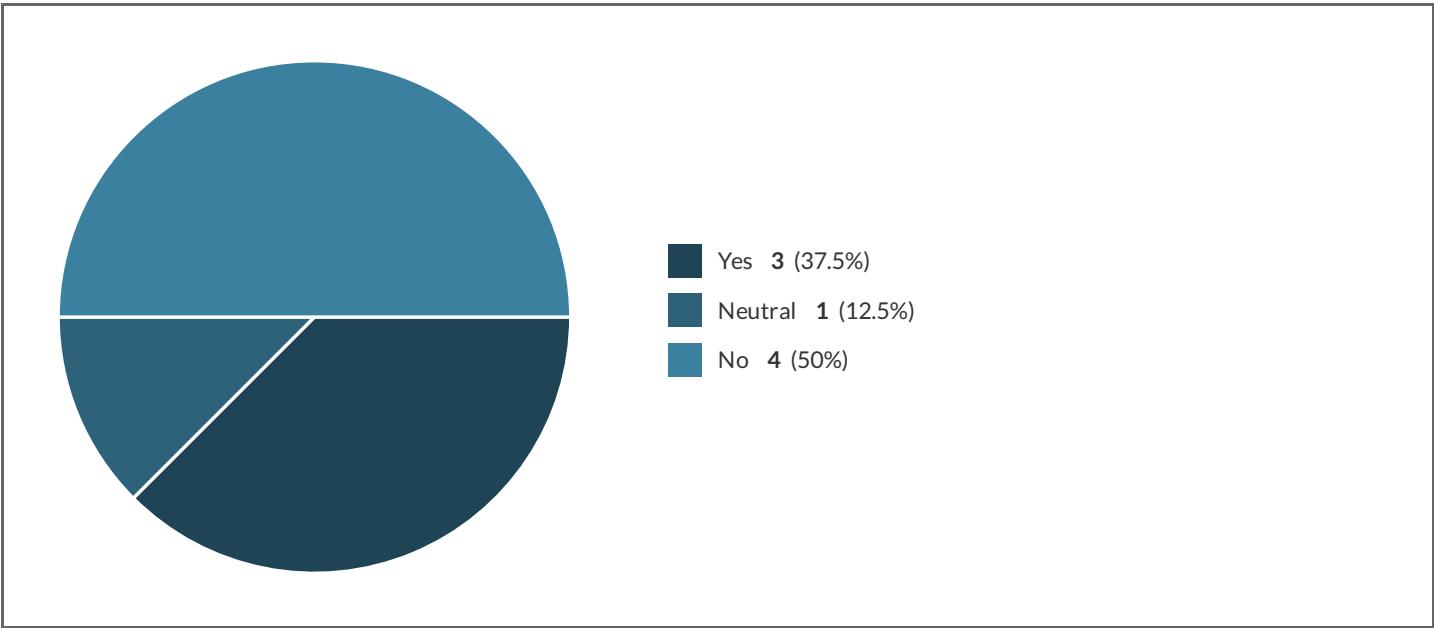
**8.6.a** Requires other extra time or effort - Severity of Cost



**8.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**8.a** Do you approve of this advice?



8.b Comments

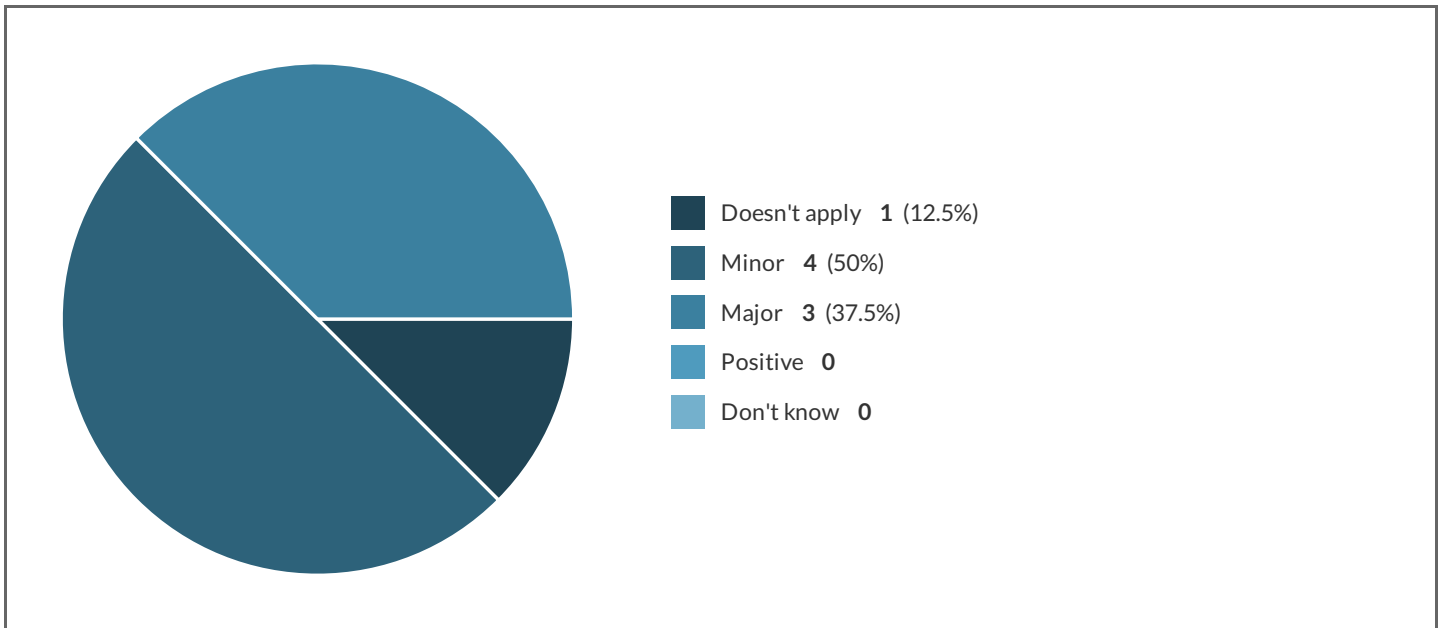
Showing all 3 responses	
I hate this! The only solution I've come up with is to increment a number in the password each time. So inconvenient and frustrating, especially when combined with other bad password advice.	624487-624478-66086963
Good idea in general, but only effective/reasonable if using a password manager.	624487-624478-66147464
Results in people writing down passwords and incrementing a number in the password to create a new one...defeats the purpose in my view.	624487-624478-66149144

Reuse

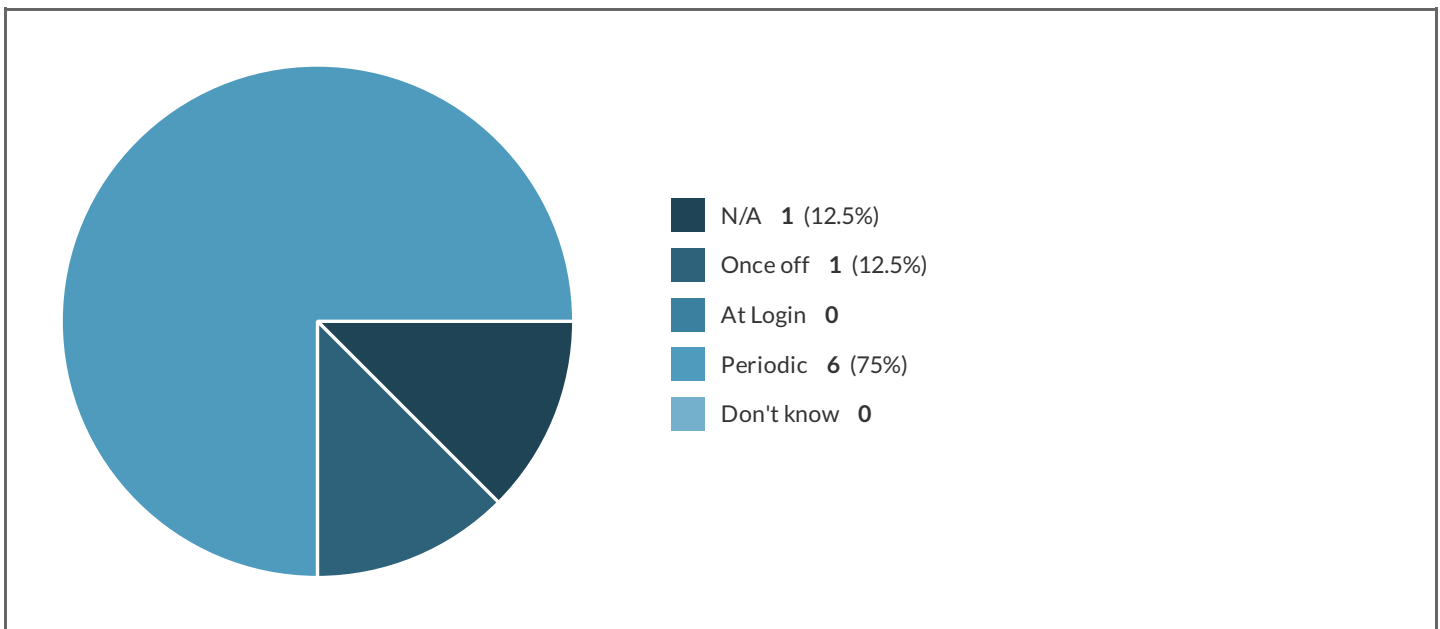
9 Never reuse a password

9.1 Makes it more difficult to create a password

9.1.a Makes it more difficult to create a password - Severity of Cost



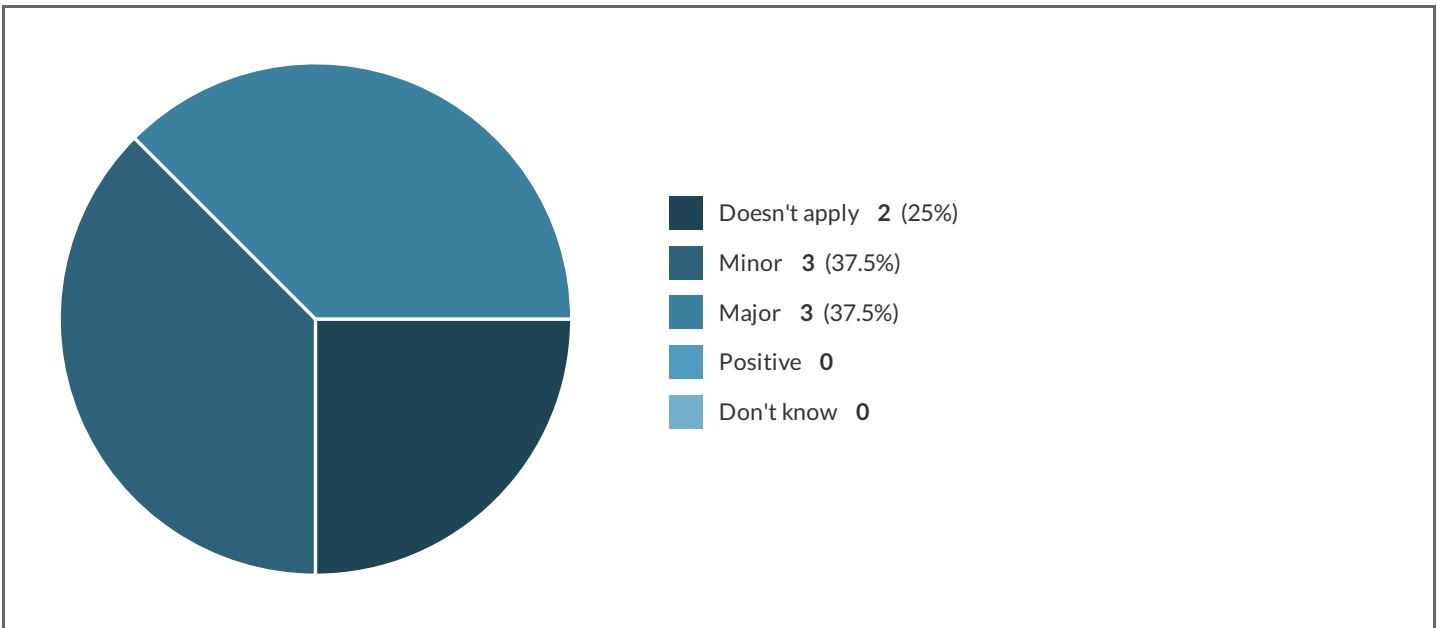
**9.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced



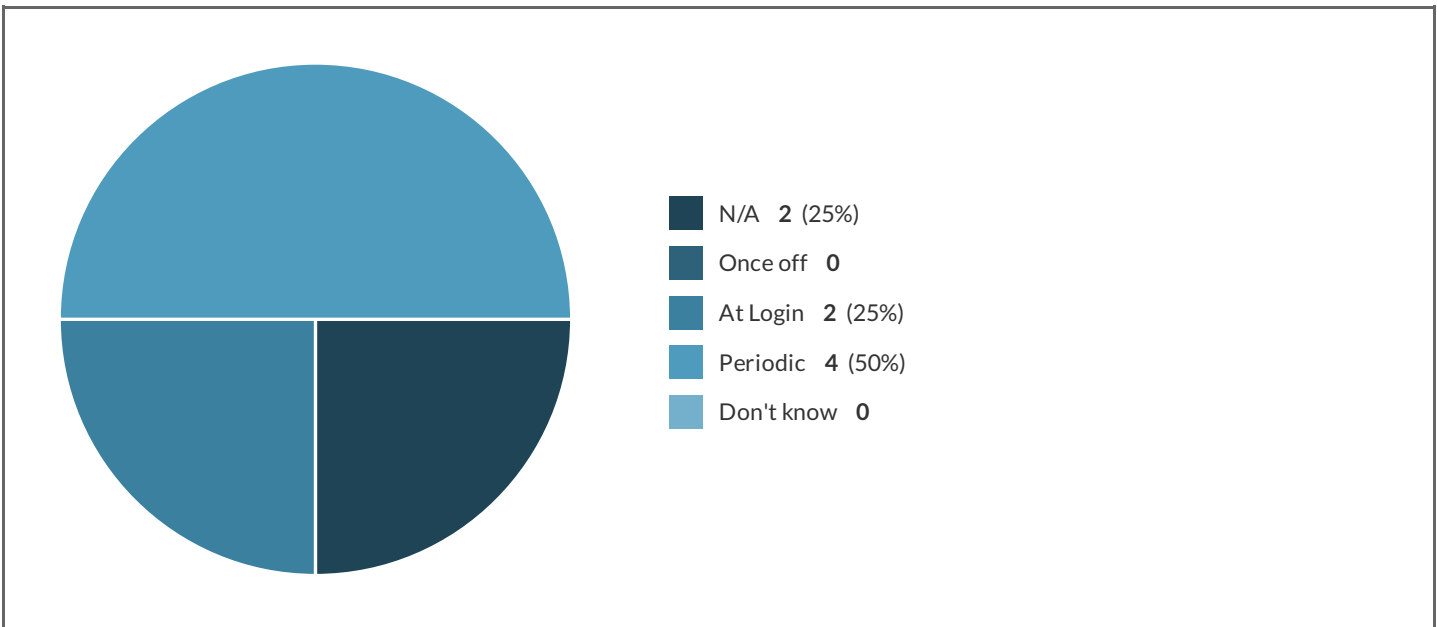
**9.2** Makes it less easy to remember

**9.2.a** Makes it less easy to remember - Severity of Cost



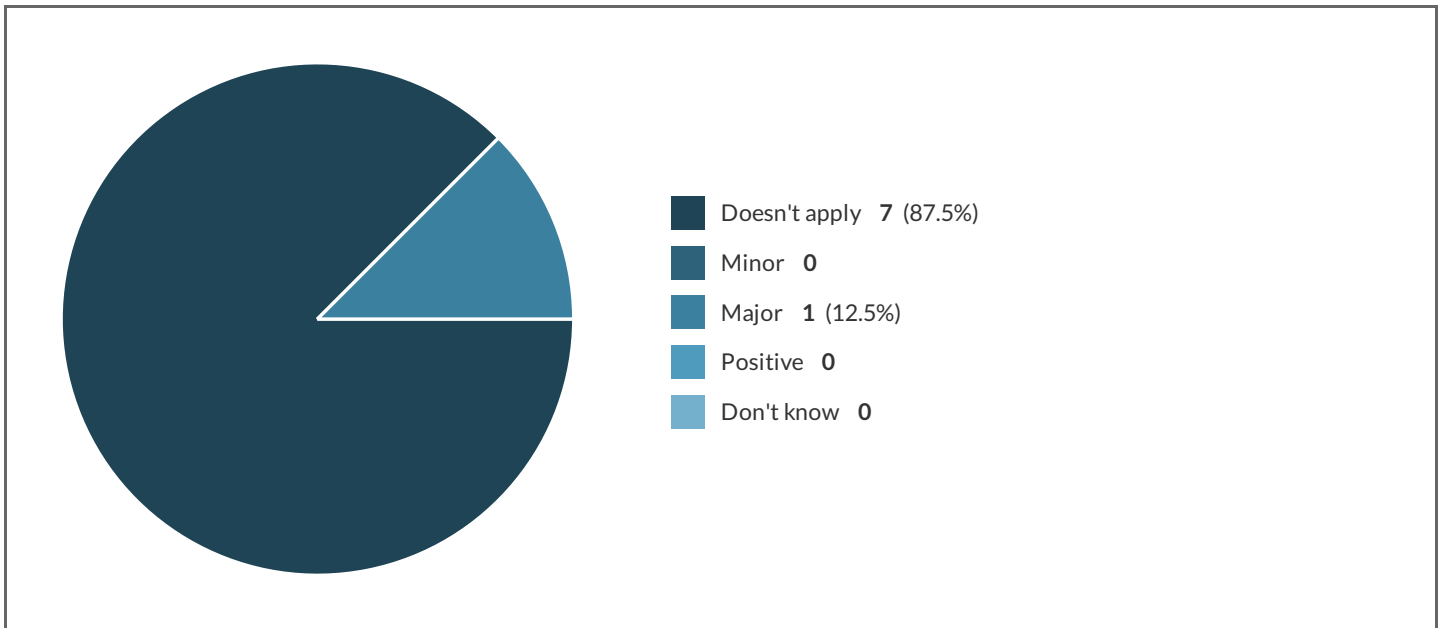


#### 9.2.b Makes it less easy to remember - Frequency Cost is Experienced

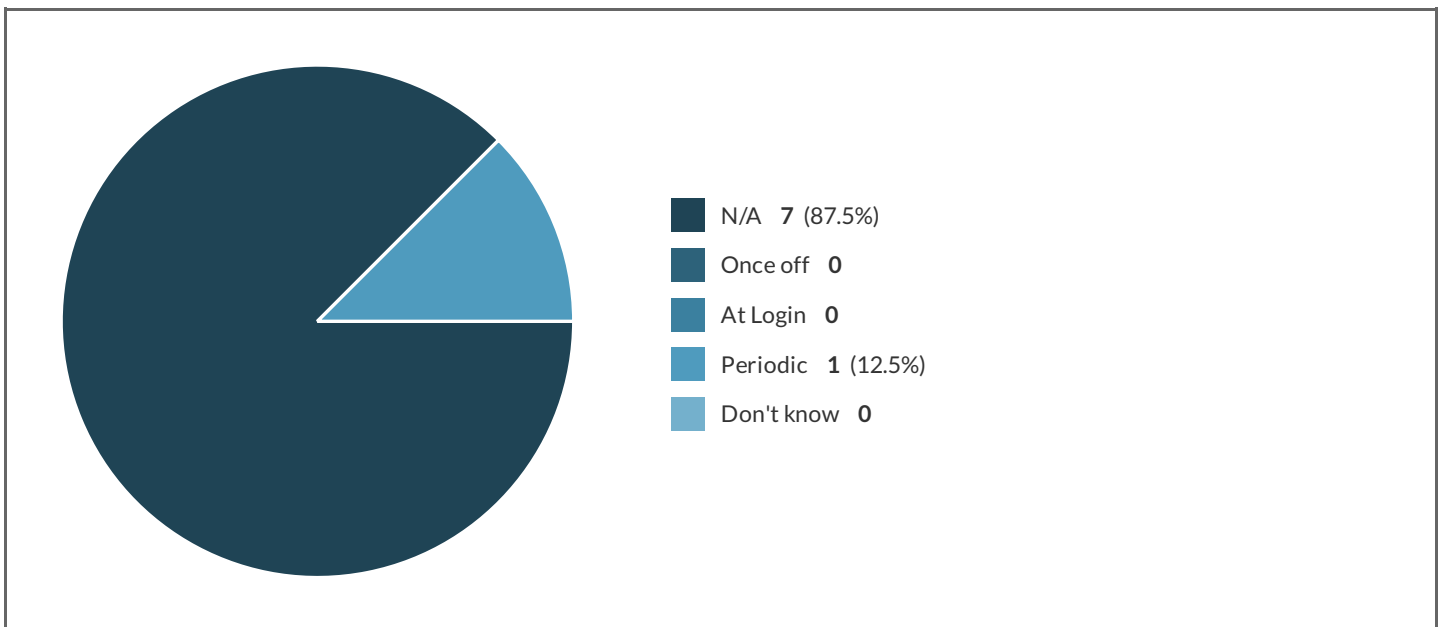


#### 9.3 Requires extra resources

##### 9.3.a Requires extra resources - Severity of Cost

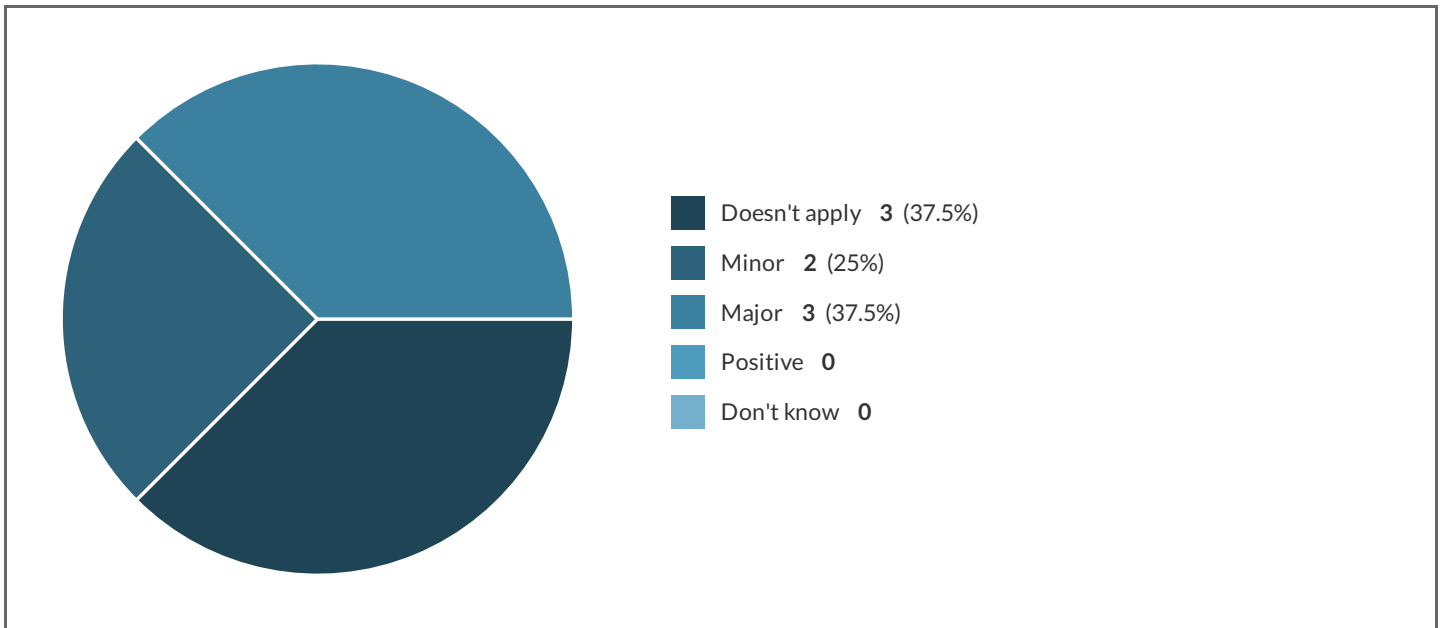


#### 9.3.b Requires extra resources - Frequency Cost is Experienced

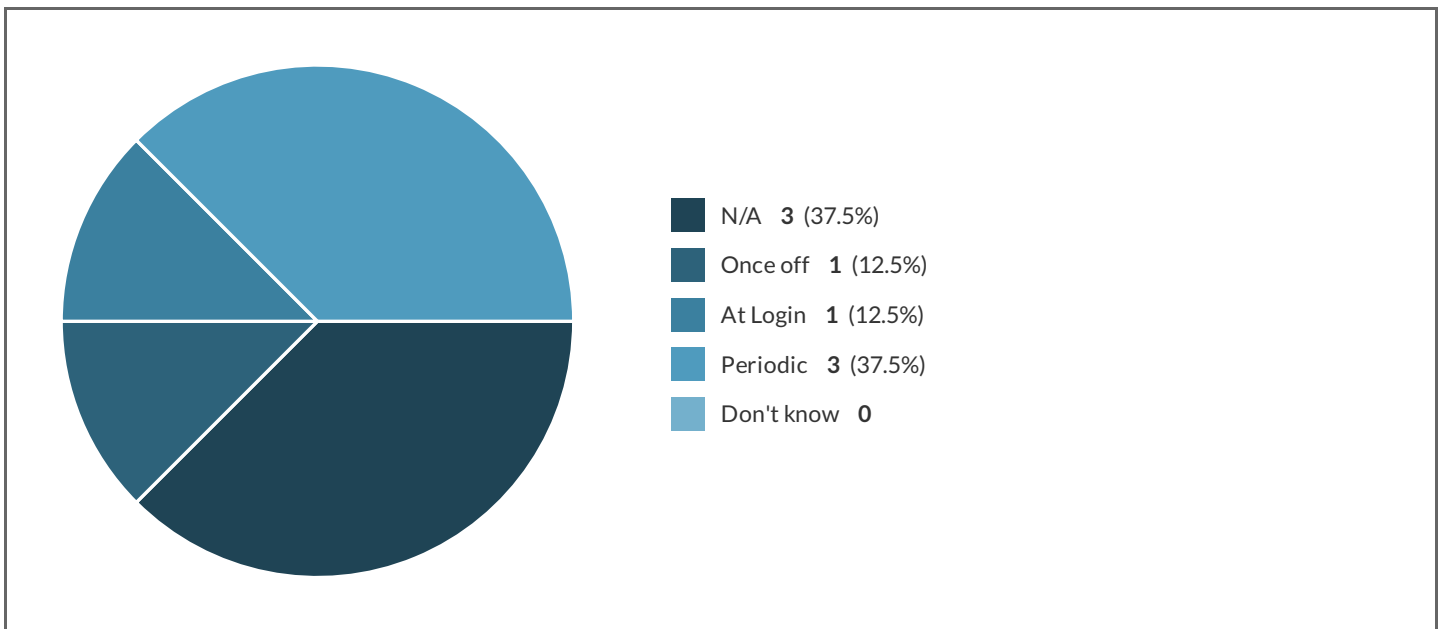


#### 9.4 Requires the creation of a new password

##### 9.4.a Requires the creation of a new password - Severity of Cost

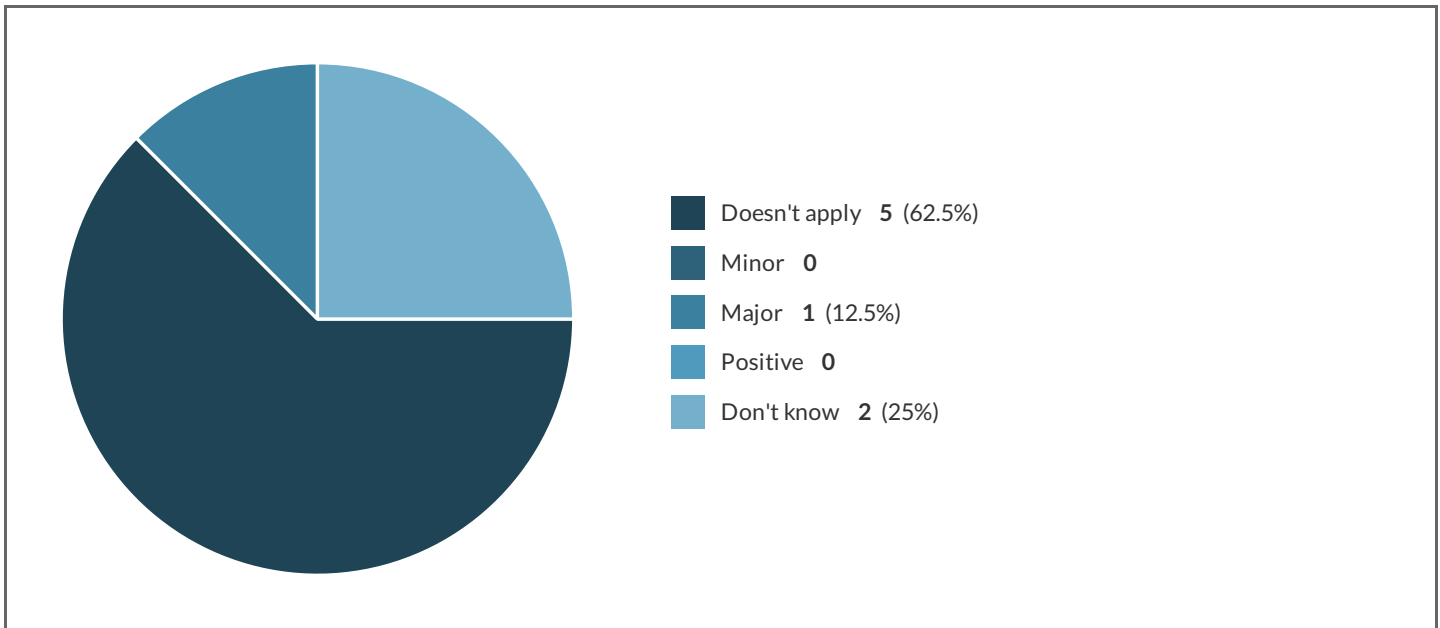


**9.4.b** Requires the creation of a new password - Frequency Cost is Experienced

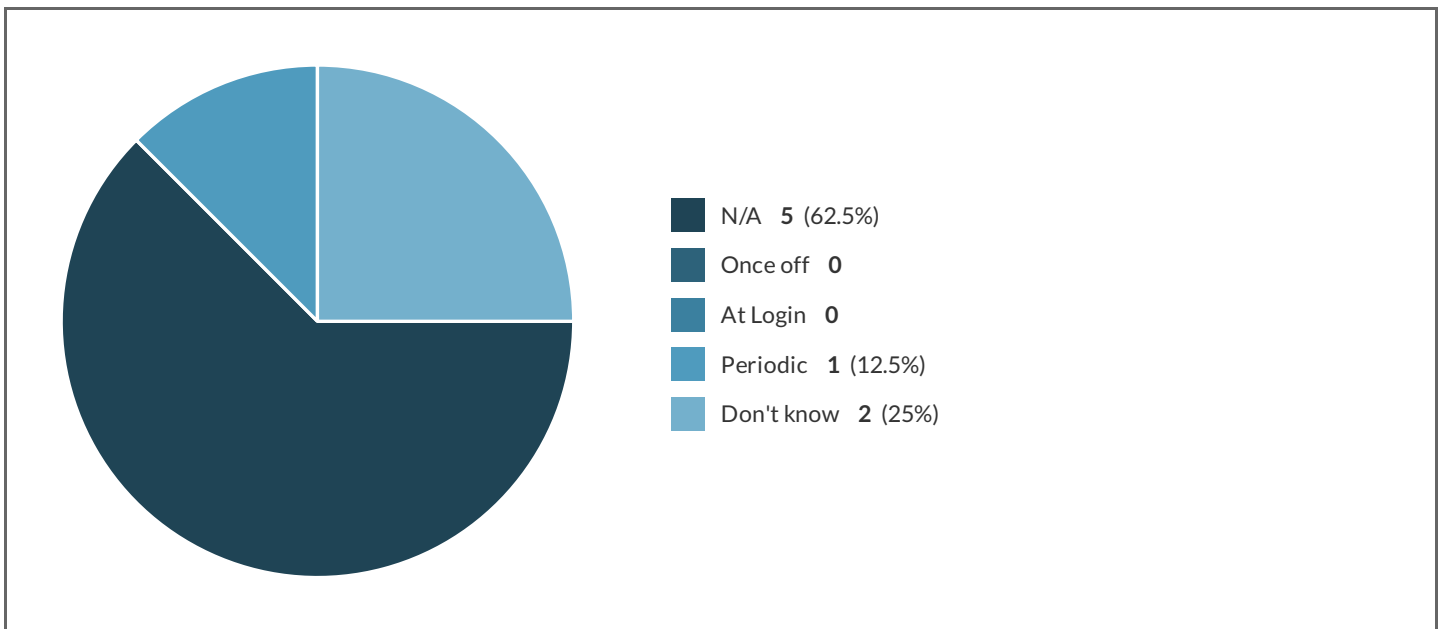


**9.5** Increases the computing power needed

**9.5.a** Increases the computing power needed - Severity of Cost

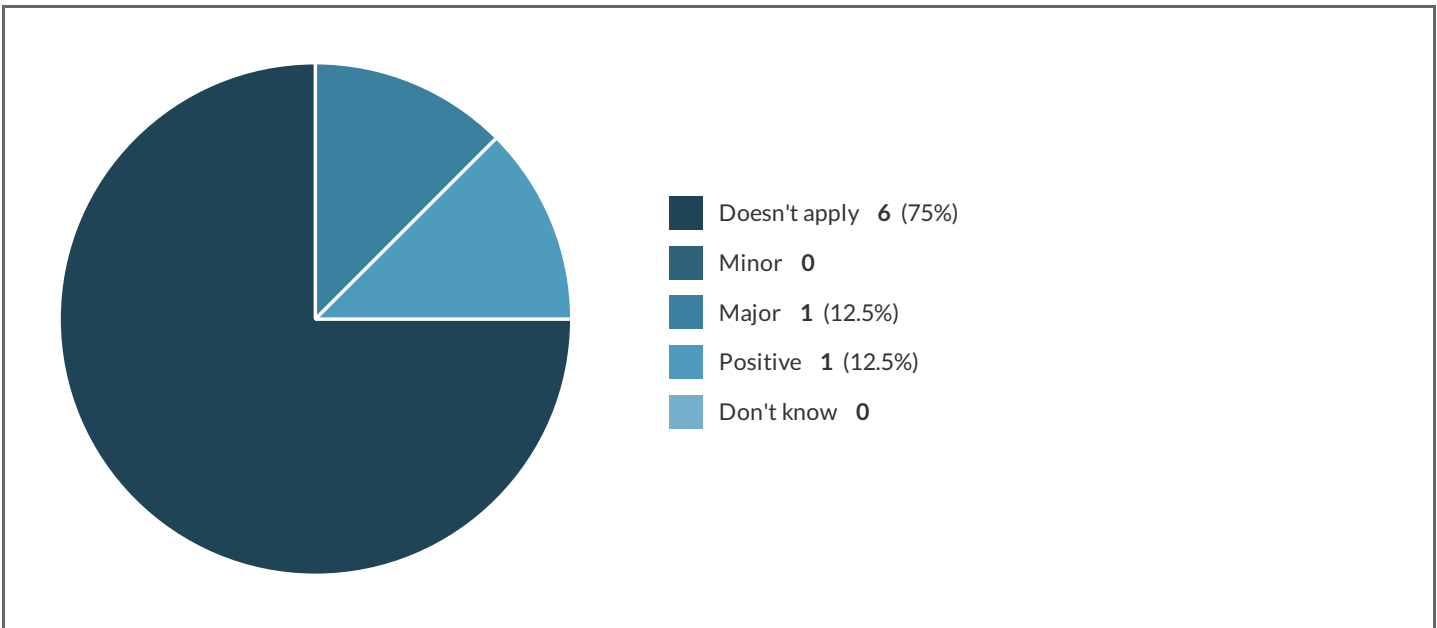


**9.5.b** Increases the computing power needed - Frequency Cost is Experienced

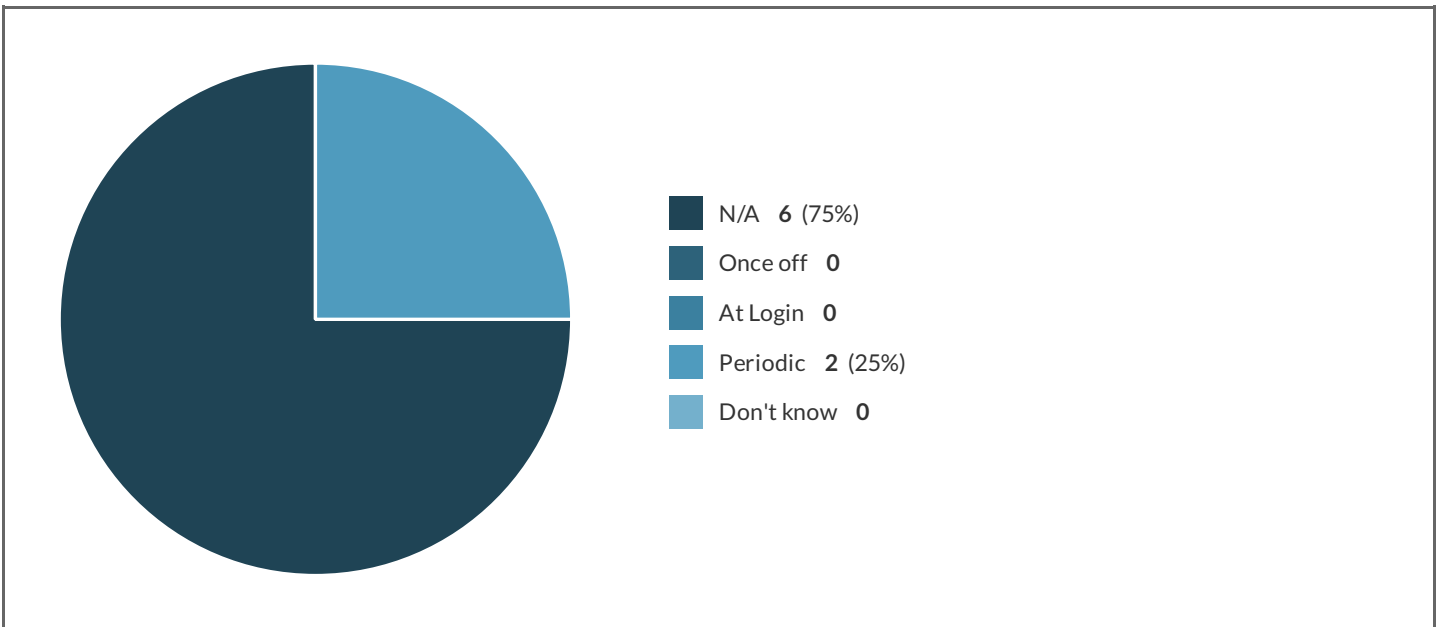


**9.6** Requires other extra time or effort

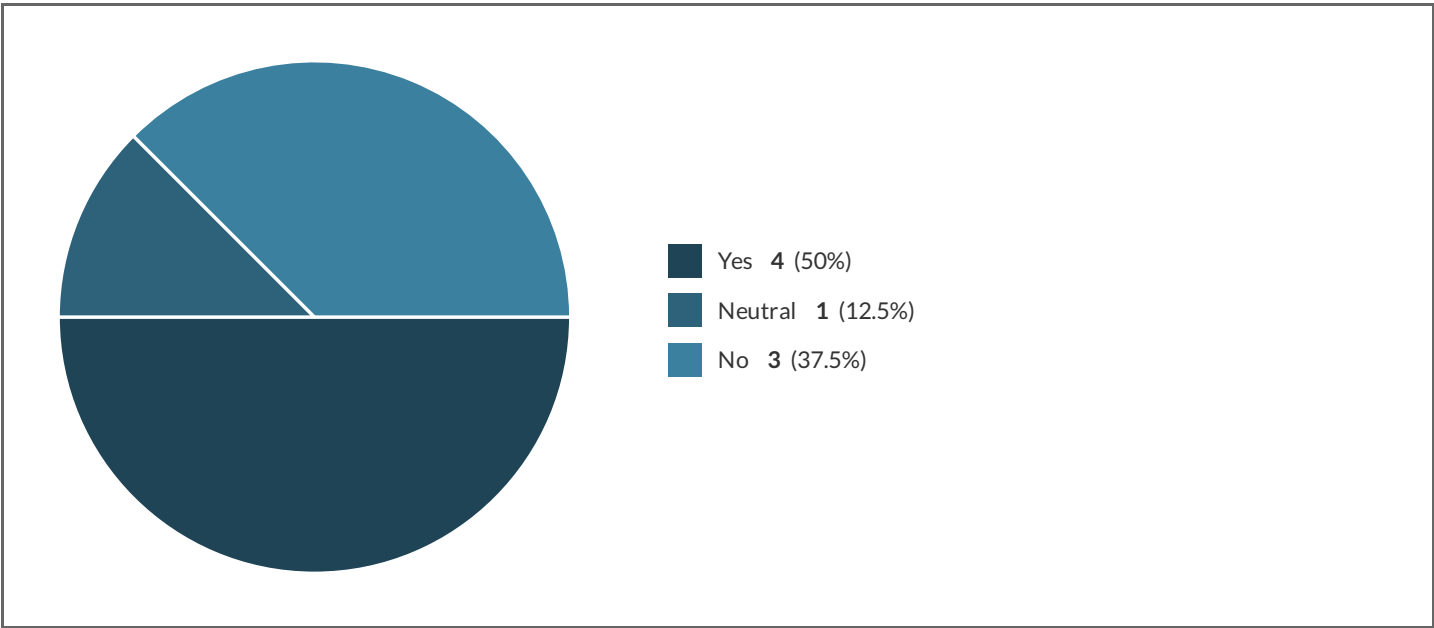
**9.6.a** Requires other extra time or effort - Severity of Cost



9.6.b Requires other extra time or effort - Frequency Cost is Experienced



9.a Do you approve of this advice?



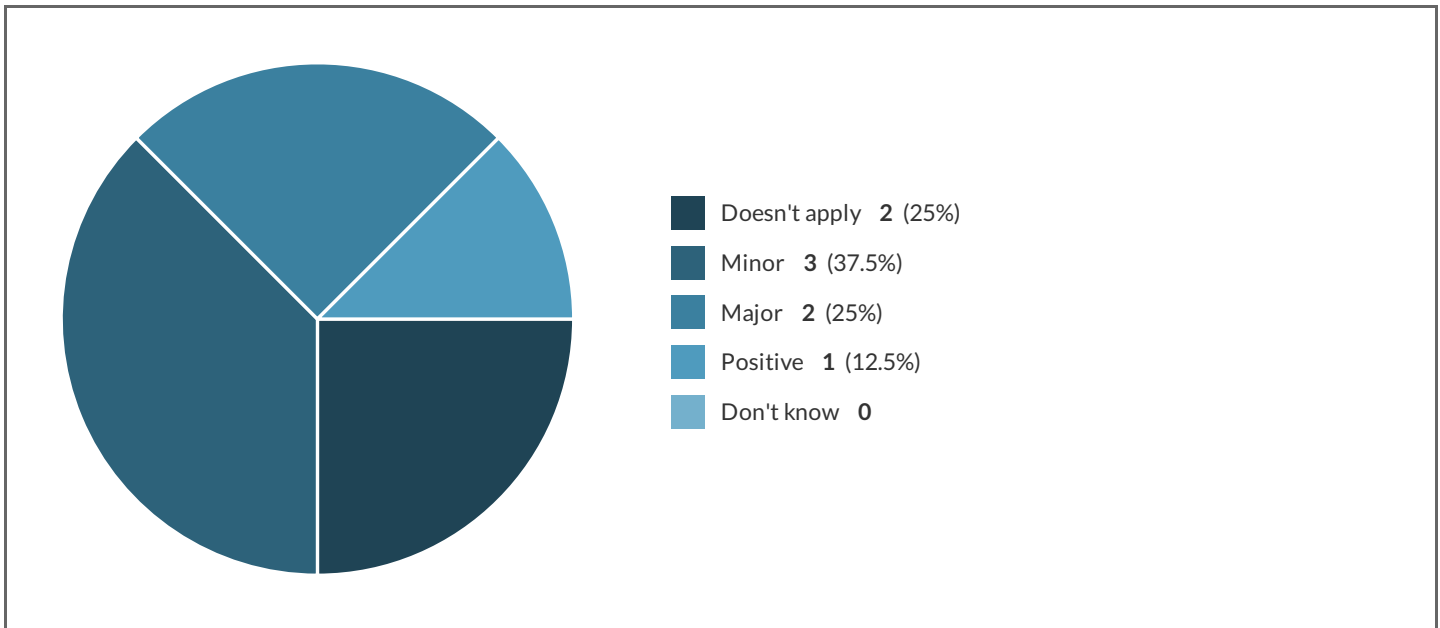
9.b Comments

Showing all 2 responses	
It's impractical to create 100 different passwords and remember them all. More realistic advice is needed.	624487-624478-66086963
Good idea in general, but only effective/reasonable if using a password manager.	624487-624478-66147464

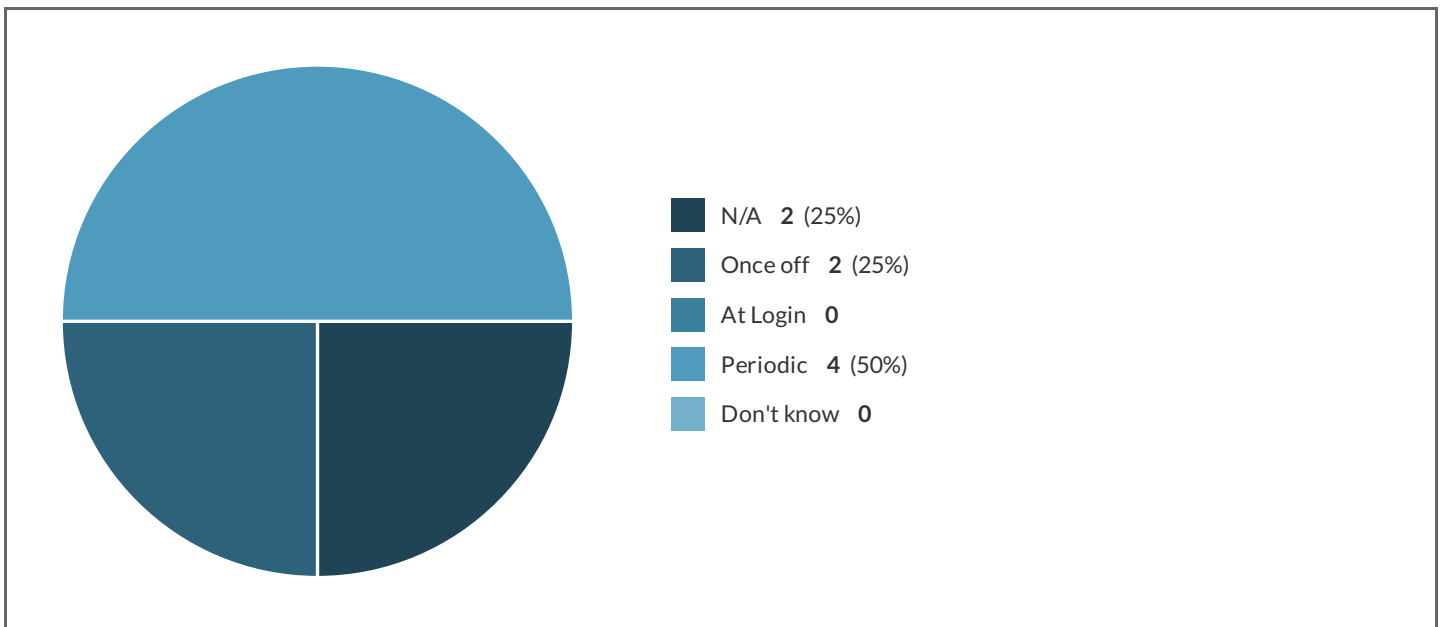
10 Don't reuse certain passwords between websites or computers

10.1 Makes it more difficult to create a password

10.1.a Makes it more difficult to create a password - Severity of Cost

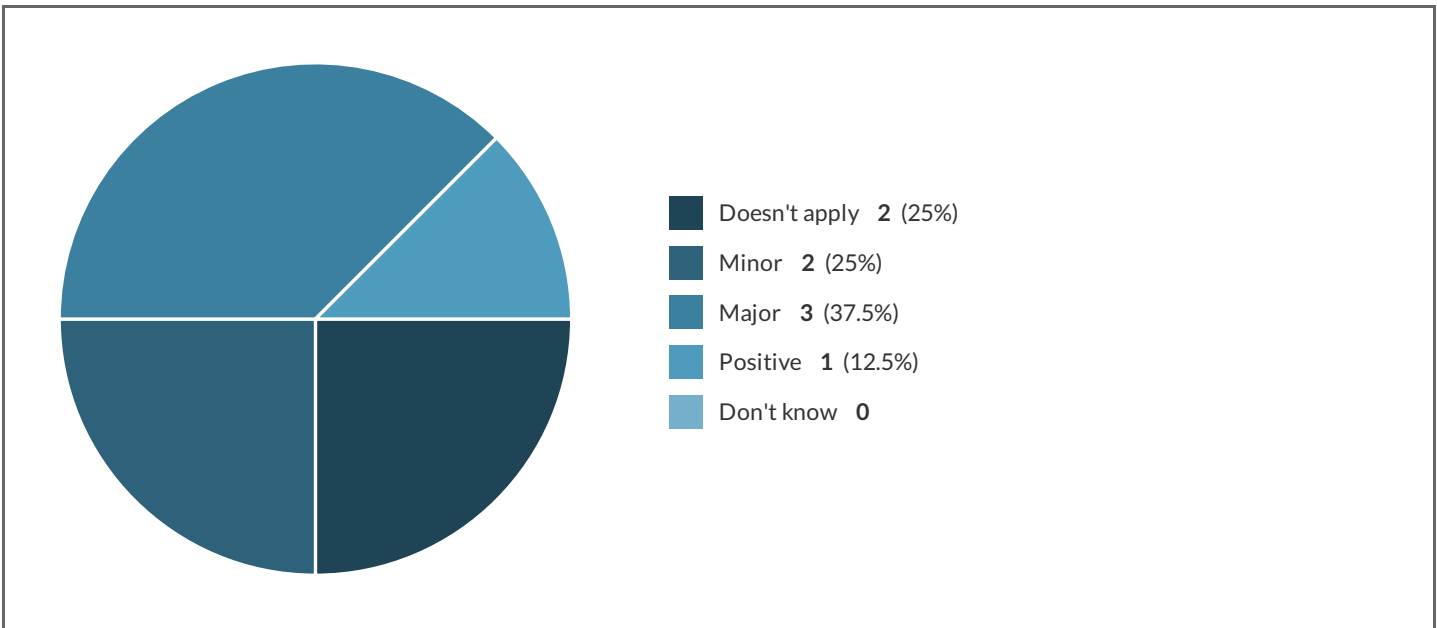


#### 10.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

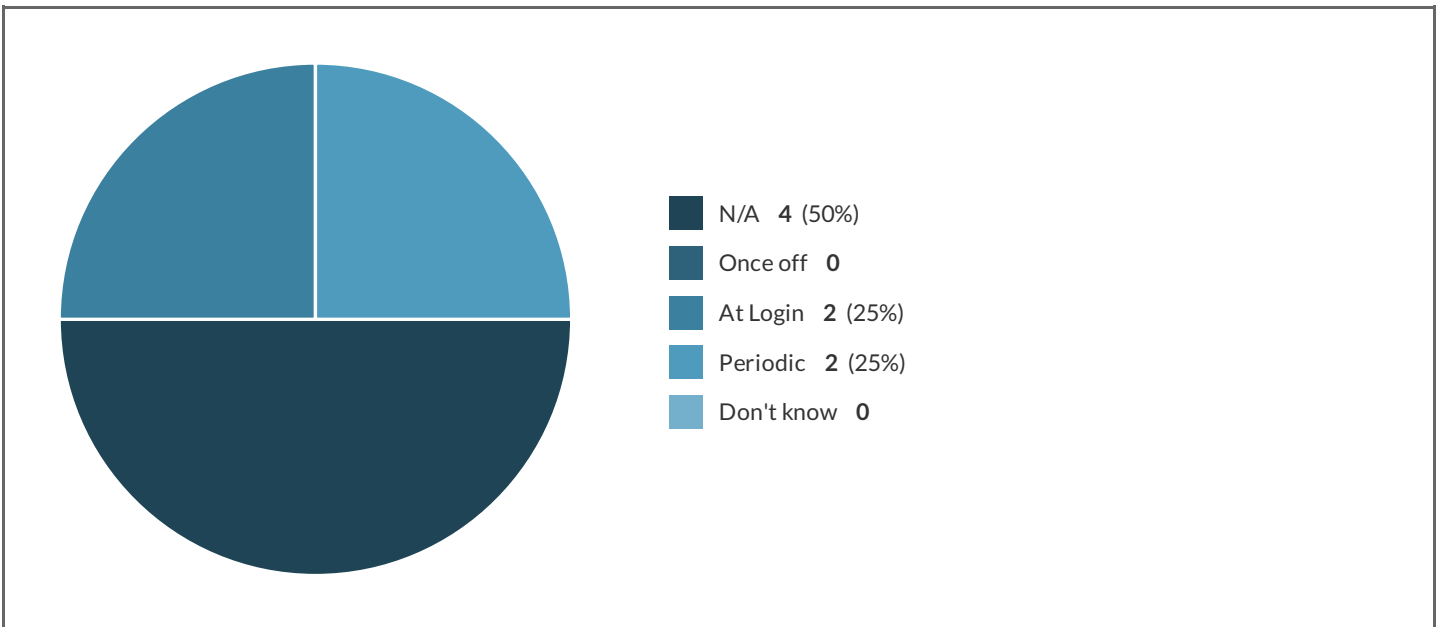


#### 10.2 Makes it less easy to remember

##### 10.2.a Makes it less easy to remember - Severity of Cost



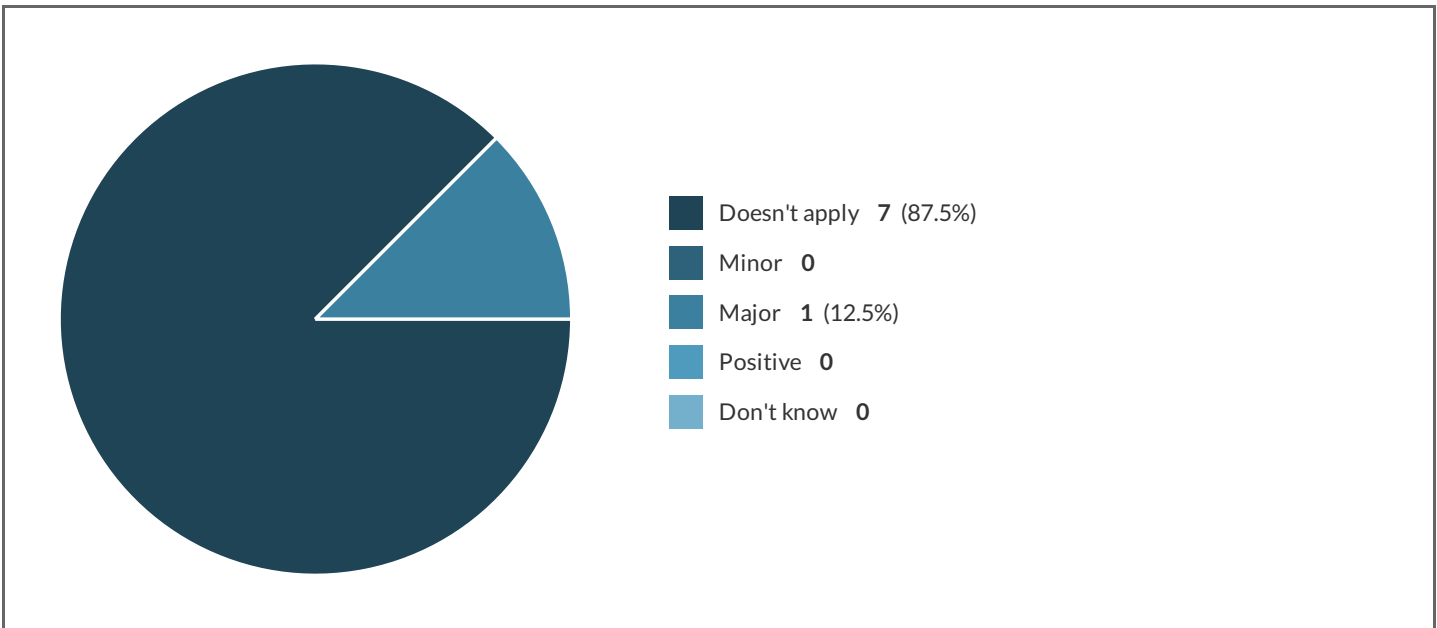
#### 10.2.b Makes it less easy to remember - Frequency Cost is Experienced



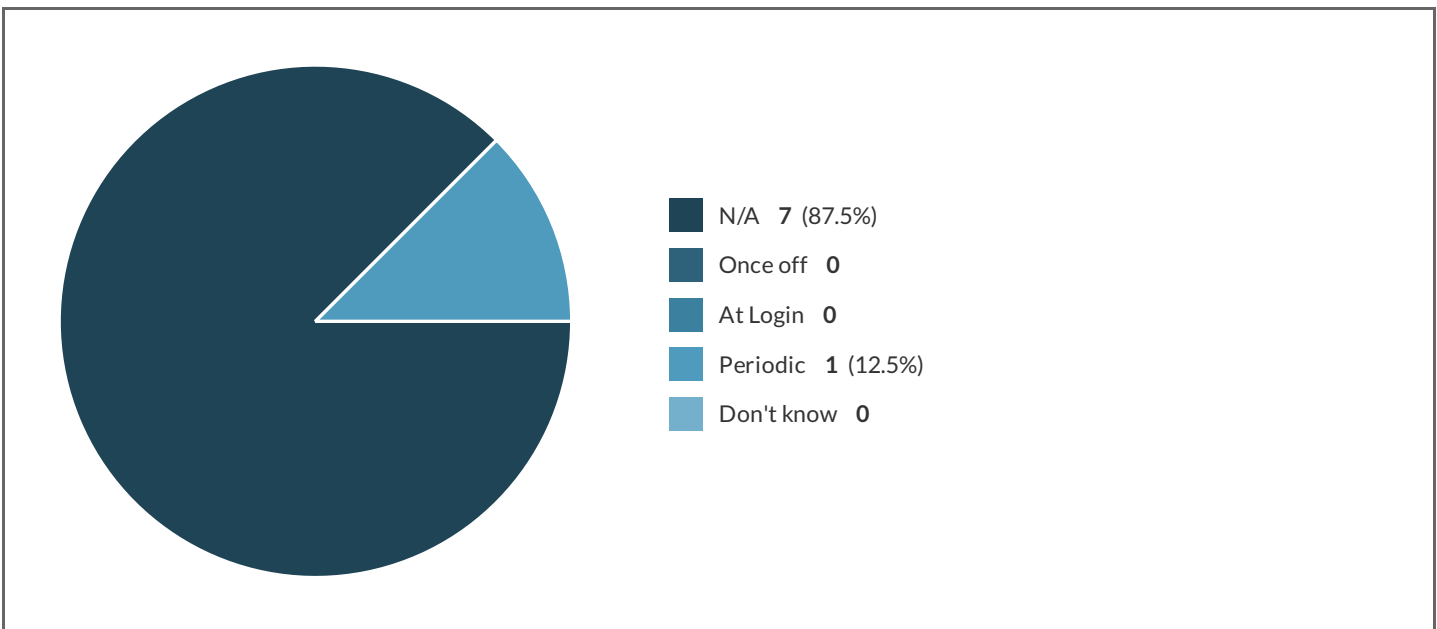
#### 10.3 Requires extra resources

##### 10.3.a Requires extra resources - Severity of Cost



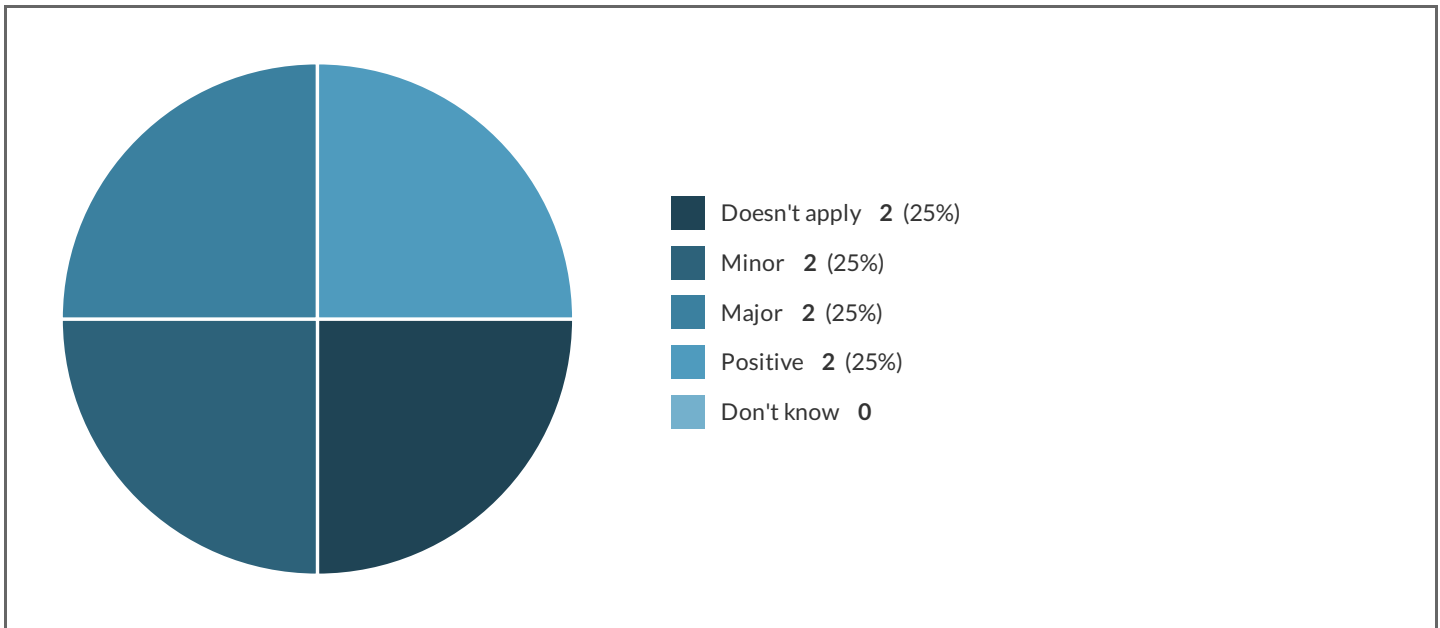


#### 10.3.b Requires extra resources - Frequency Cost is Experienced

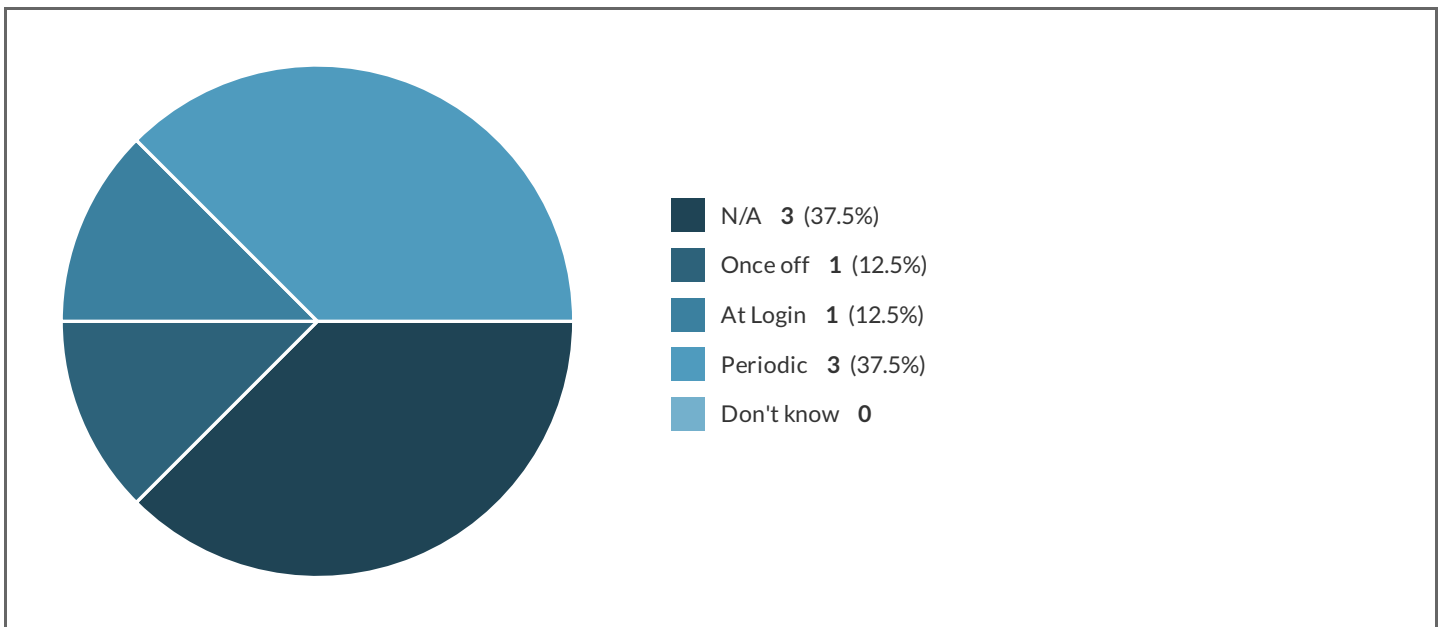


#### 10.4 Requires the creation of a new password

##### 10.4.a Requires the creation of a new password - Severity of Cost

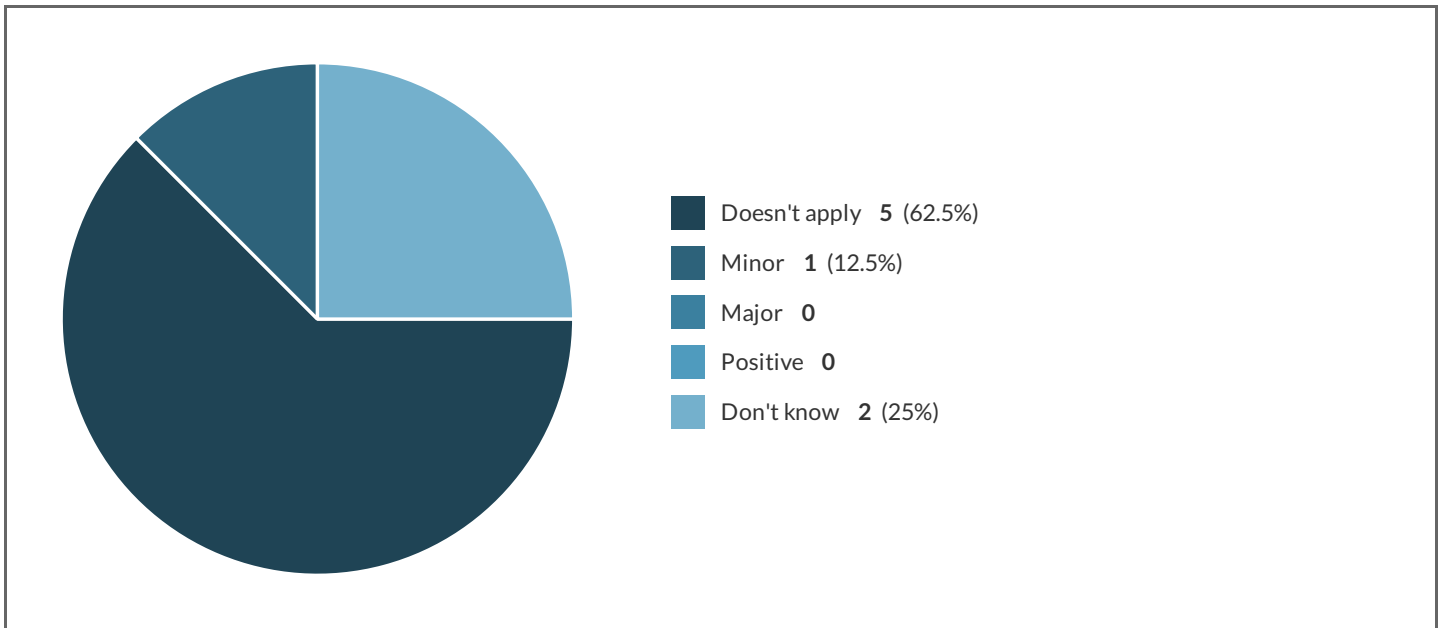


#### 10.4.b Requires the creation of a new password - Frequency Cost is Experienced

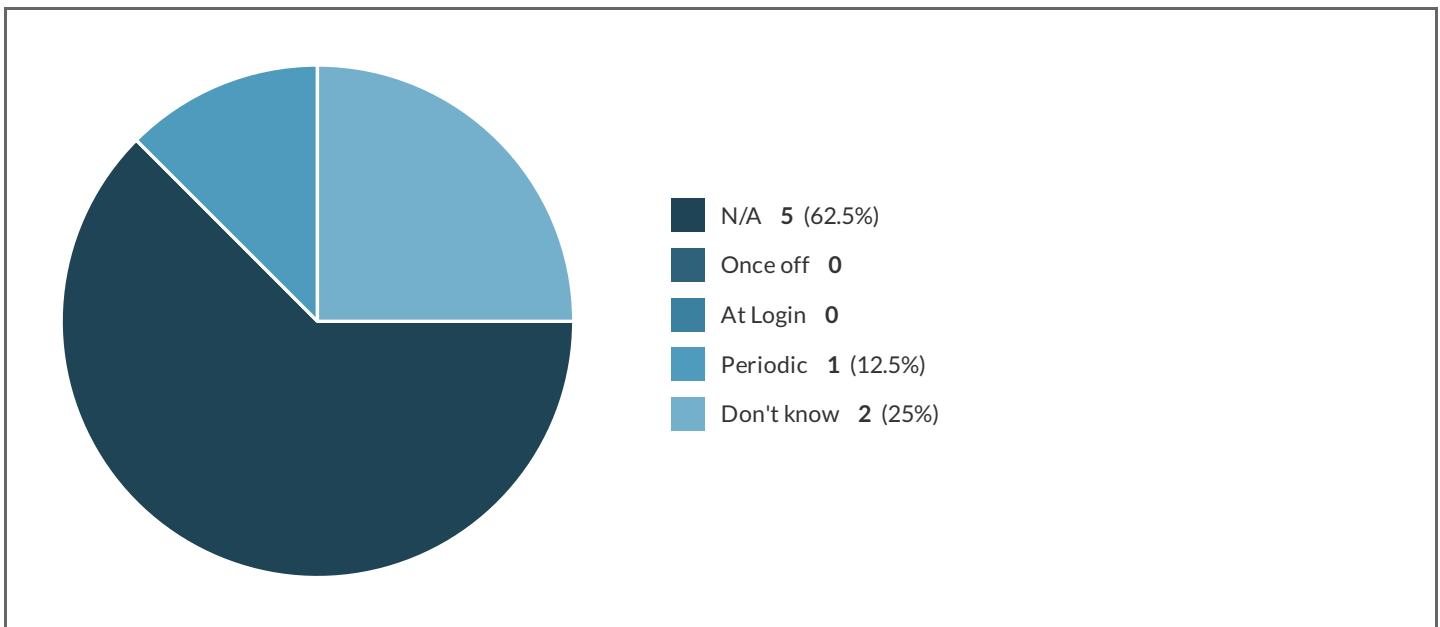


#### 10.5 Increases the computing power needed

#### 10.5.a Increases the computing power needed - Severity of Cost

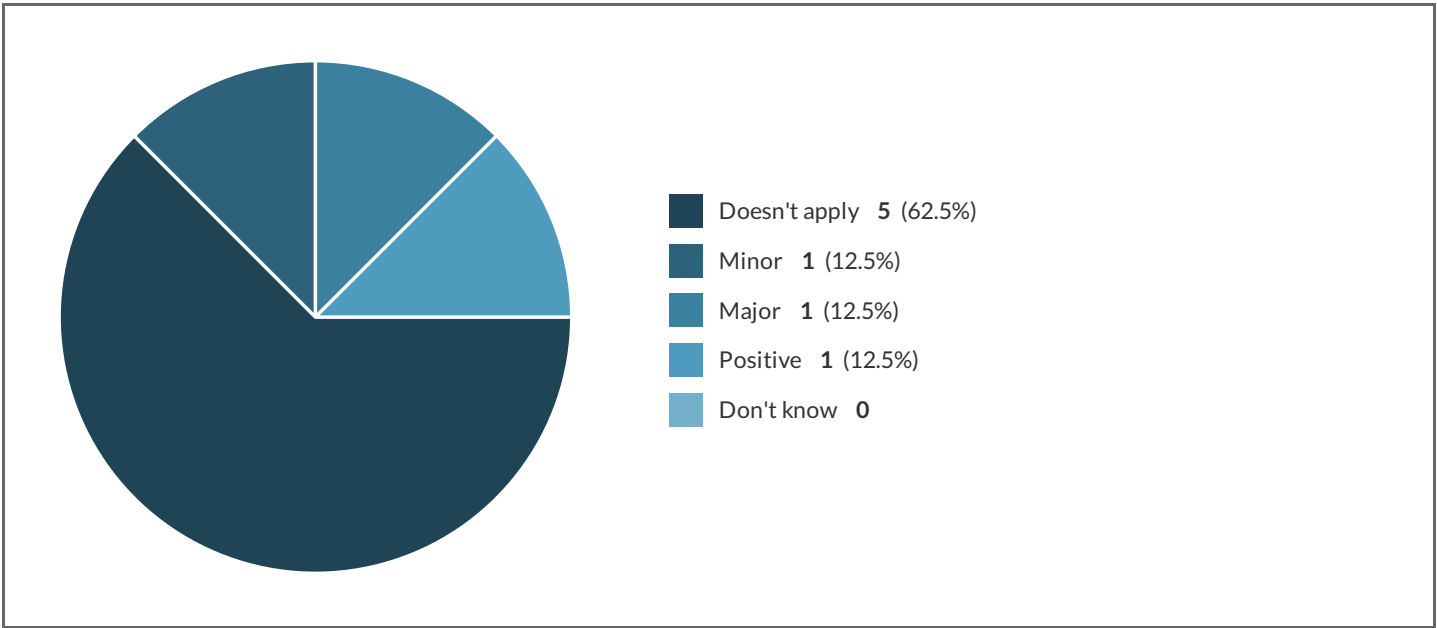


**10.5.b** Increases the computing power needed - Frequency Cost is Experienced

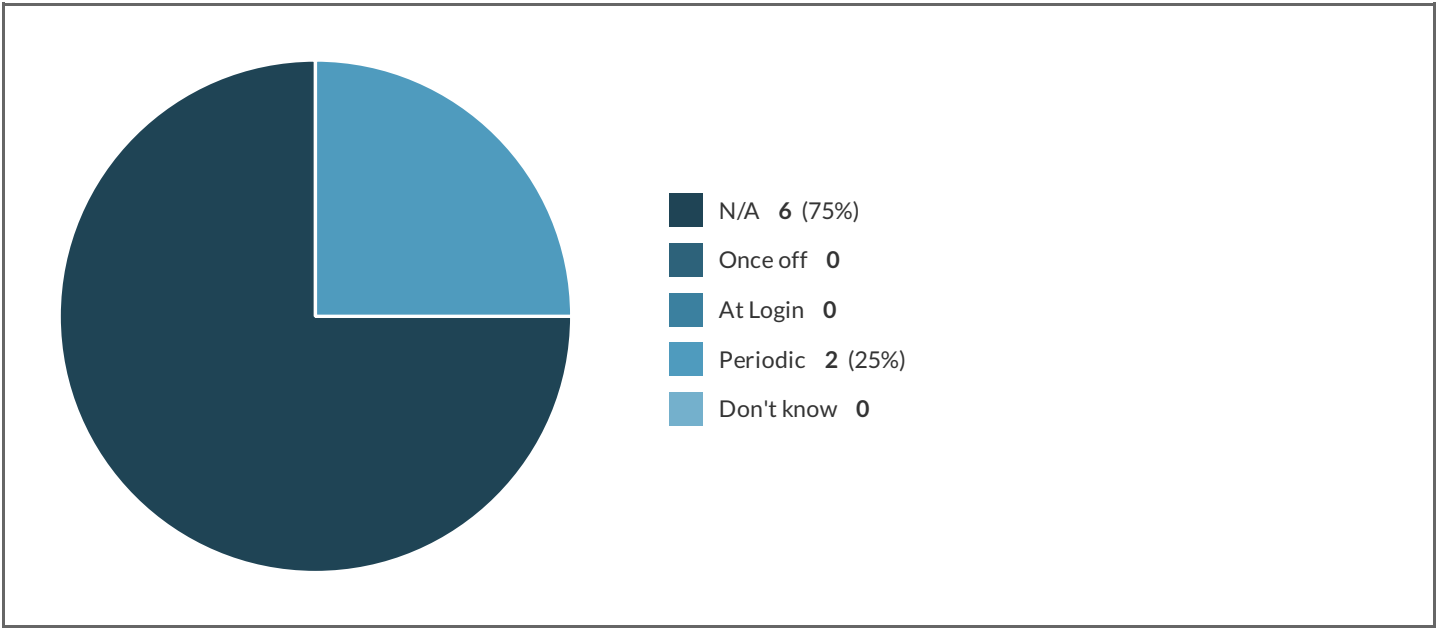


**10.6** Requires other extra time or effort

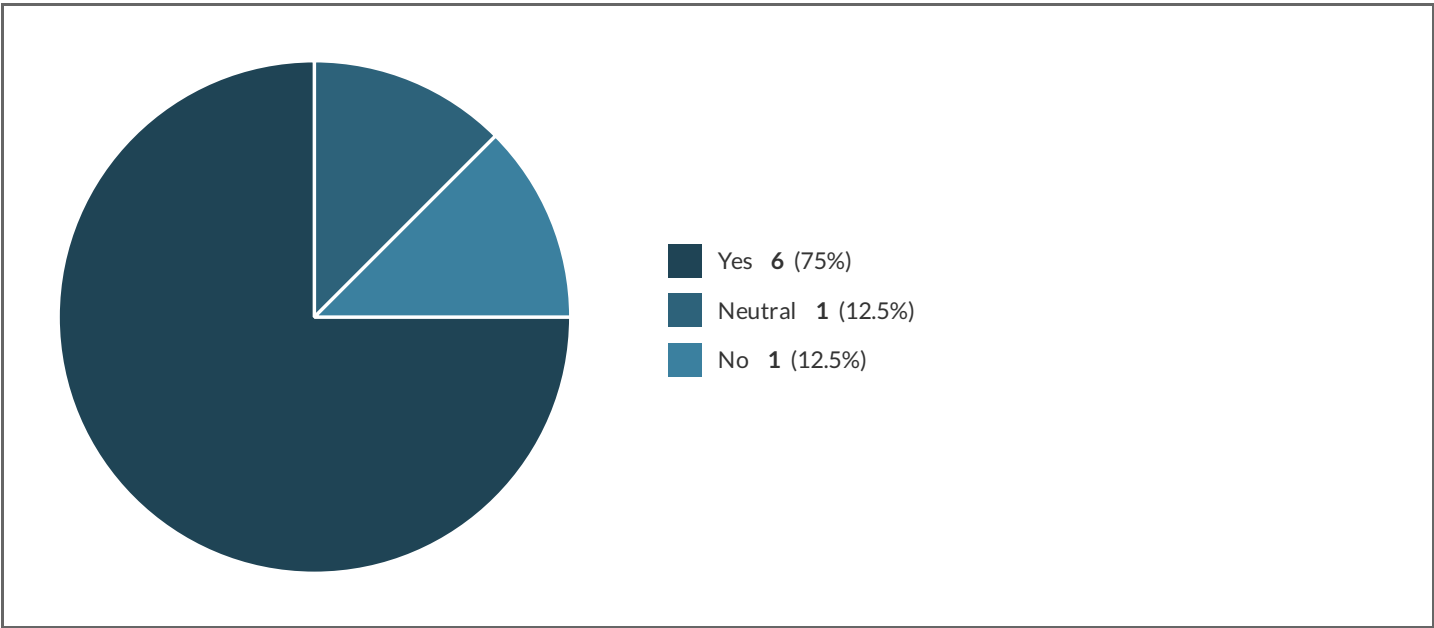
**10.6.a** Requires other extra time or effort - Severity of Cost



10.6.b Requires other extra time or effort - Frequency Cost is Experienced



10.a Do you approve of this advice?



10.b Comments

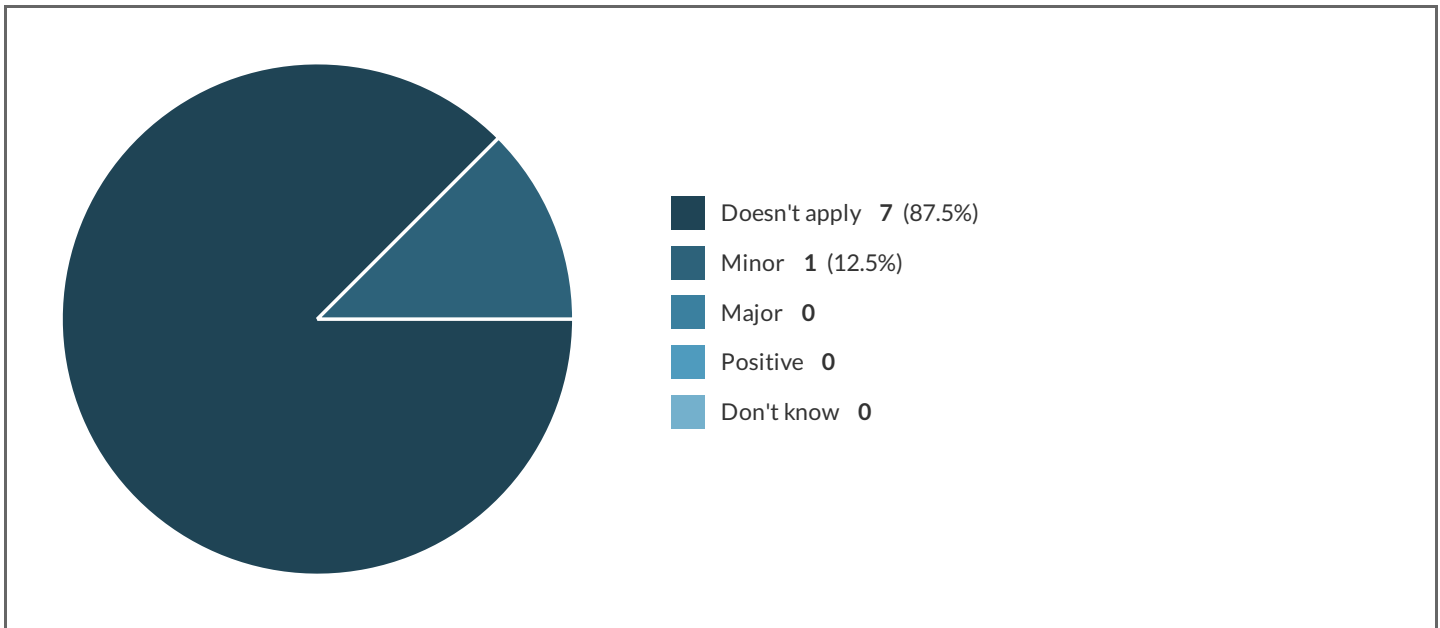
Showing all 2 responses	
More realistic than the "never reuse". My approval would depend on the exact advice being given.	624487-624478-66086963
Good idea in general, but only effective/reasonable if using a password manager.	624487-624478-66147464

Sharing

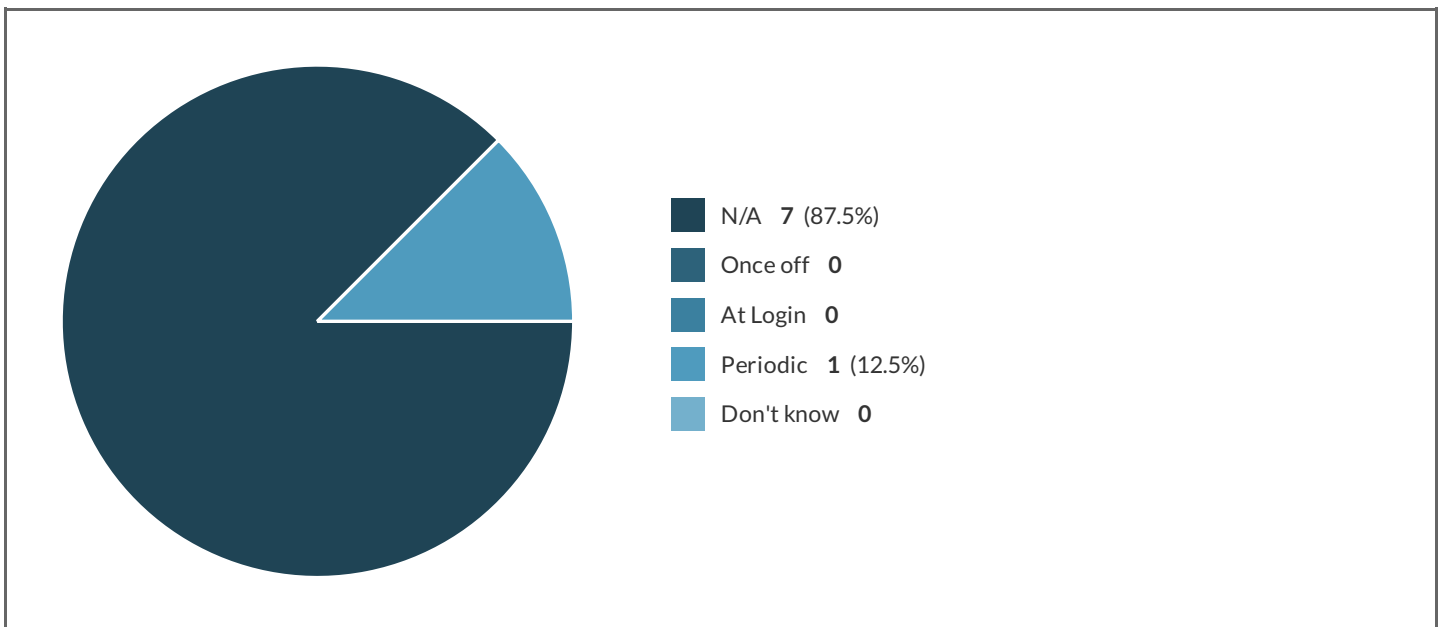
11 Never share your password

11.1 Makes it more difficult to create a password

11.1.a Makes it more difficult to create a password - Severity of Cost

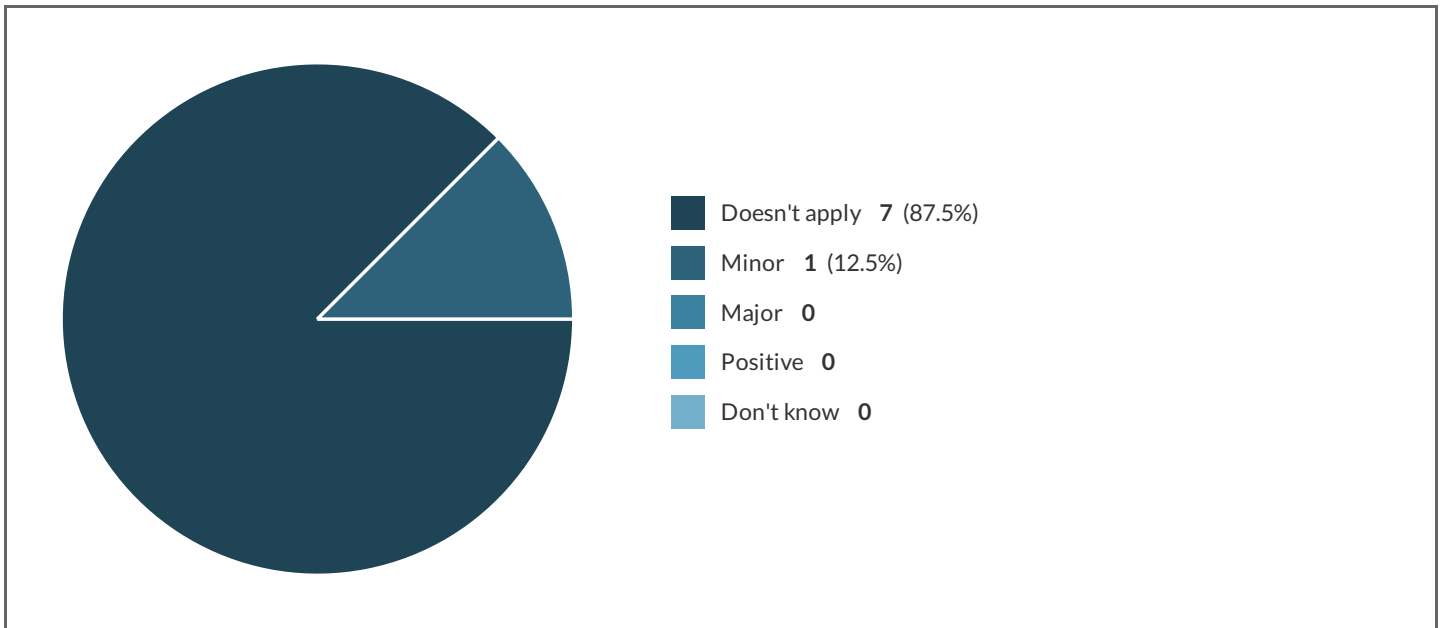


#### 11.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

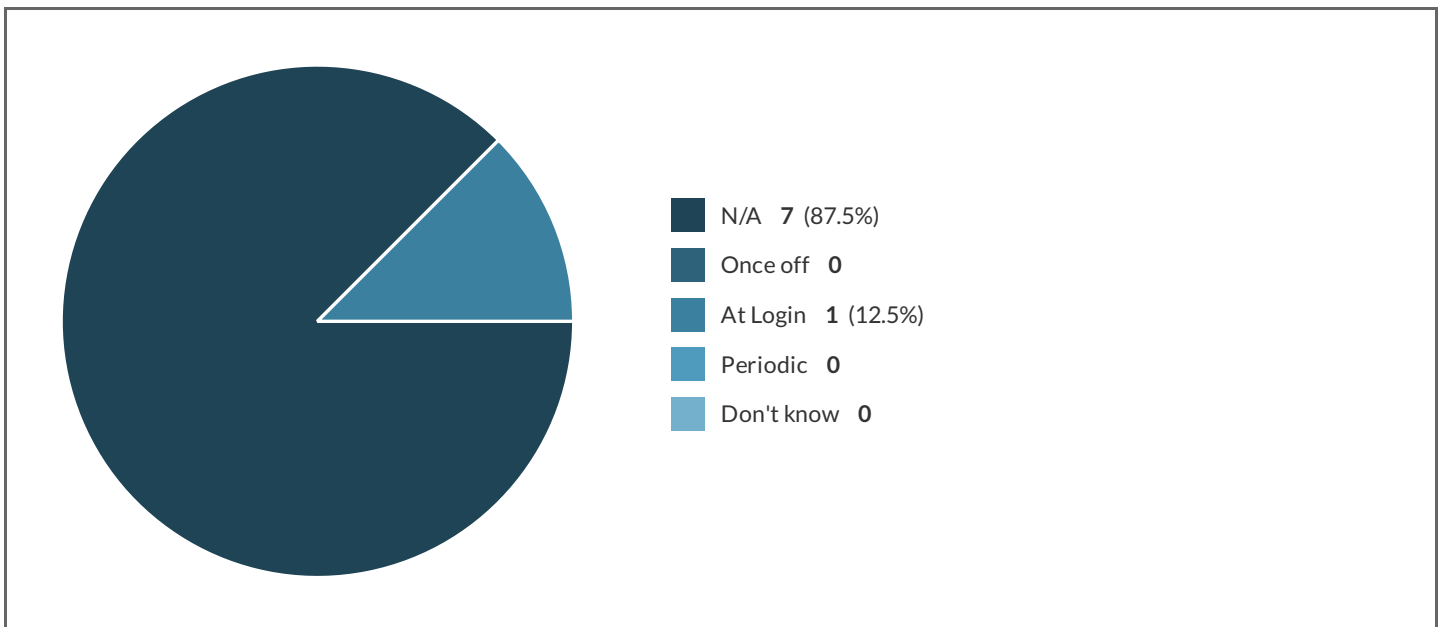


#### 11.2 Makes it less easy to remember

##### 11.2.a Makes it less easy to remember - Severity of Cost

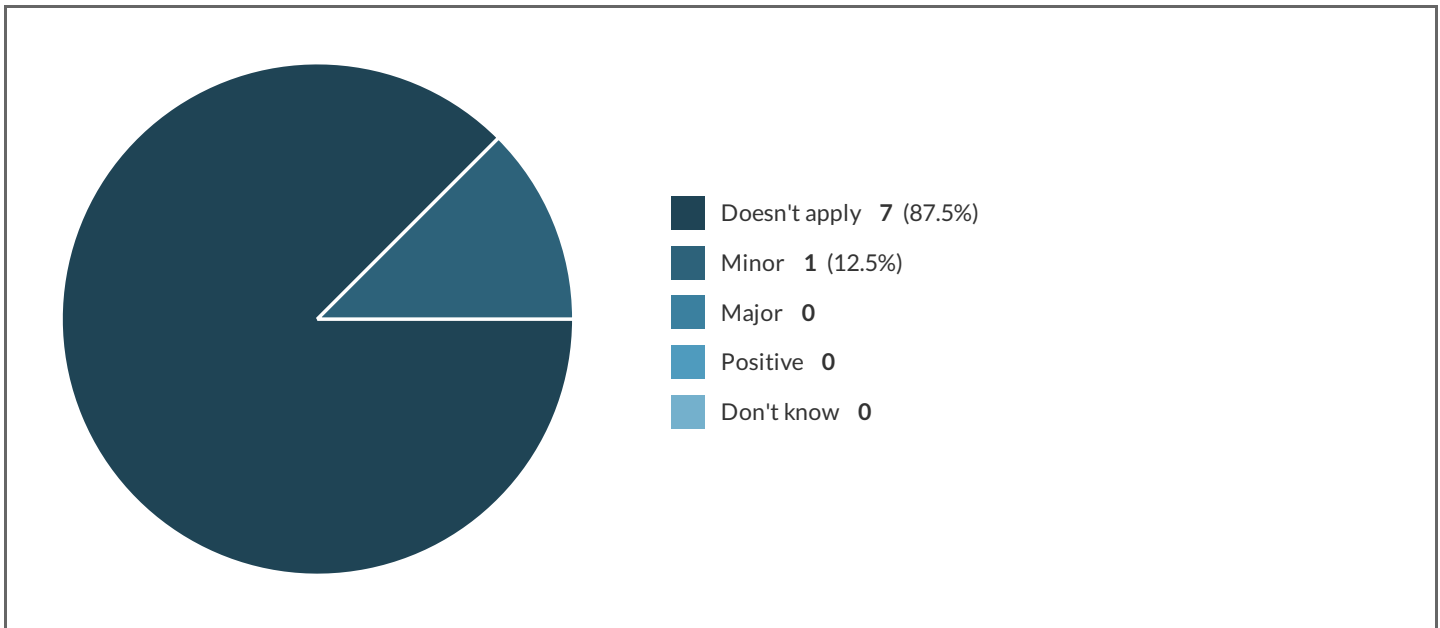


#### 11.2.b Makes it less easy to remember - Frequency Cost is Experienced

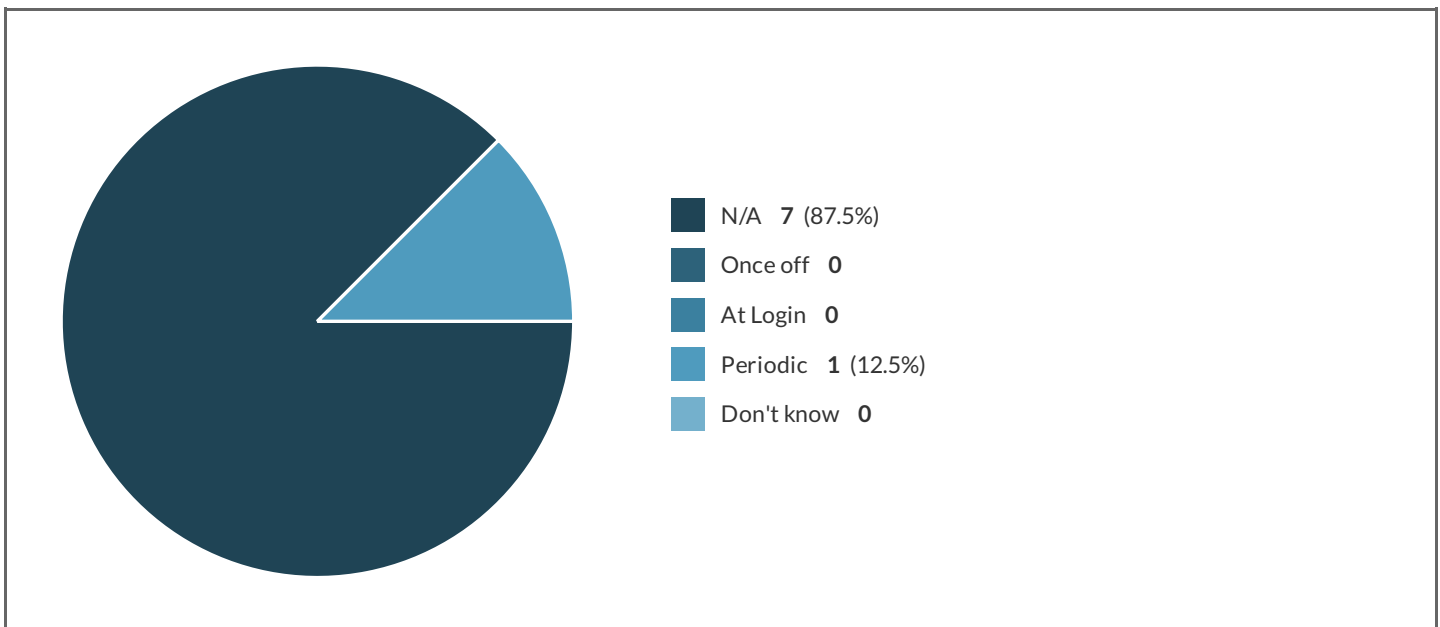


#### 11.3 Requires extra resources

##### 11.3.a Requires extra resources - Severity of Cost



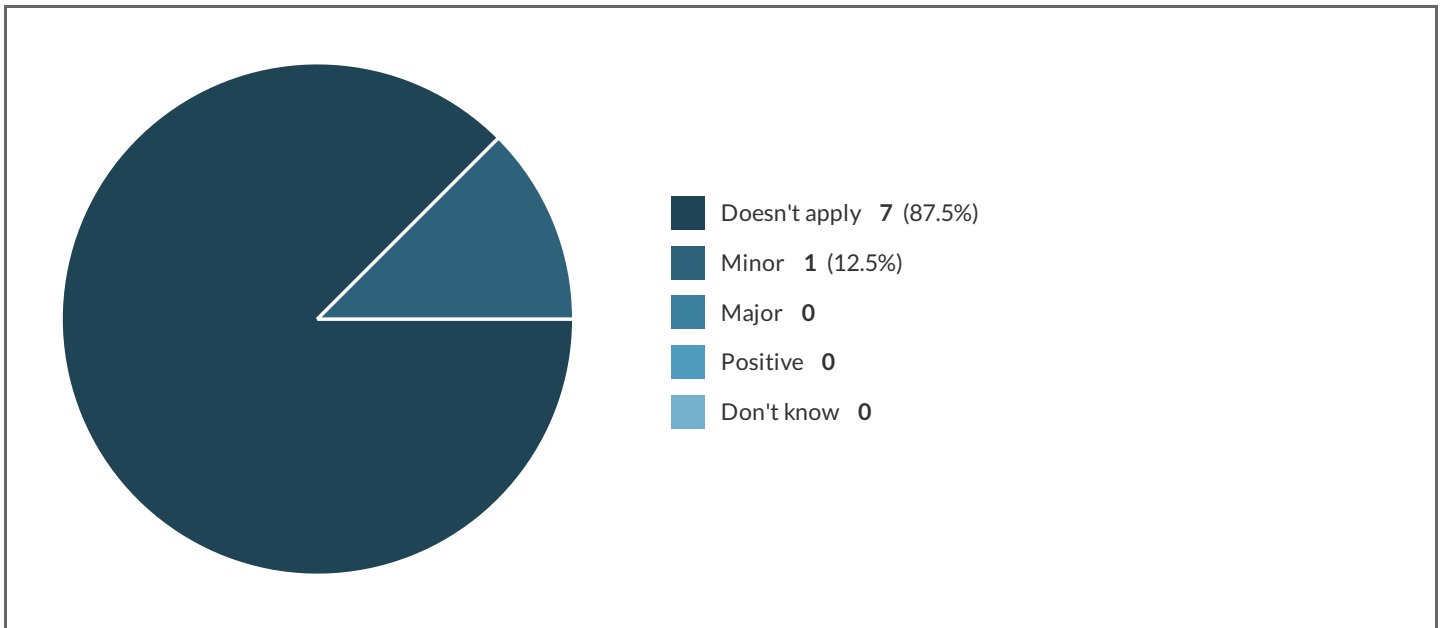
#### 11.3.b Requires extra resources - Frequency Cost is Experienced



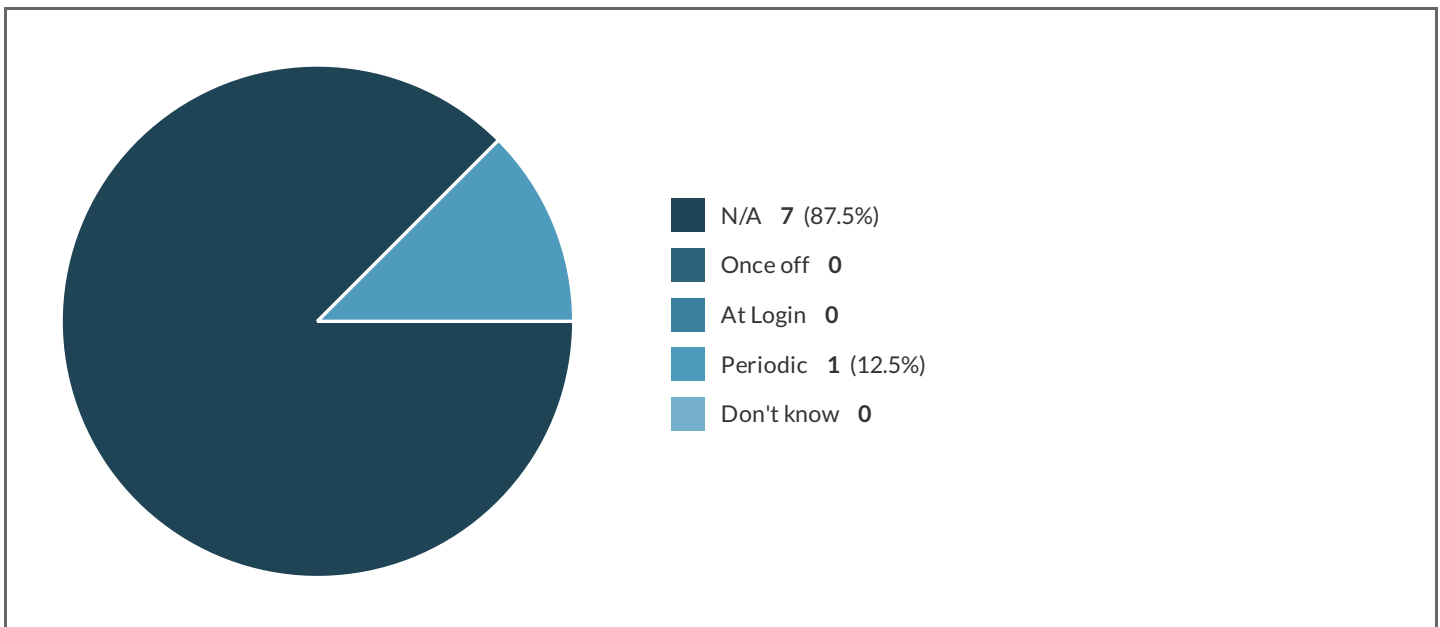
#### 11.4 Requires the creation of a new password

#### 11.4.a Requires the creation of a new password - Severity of Cost



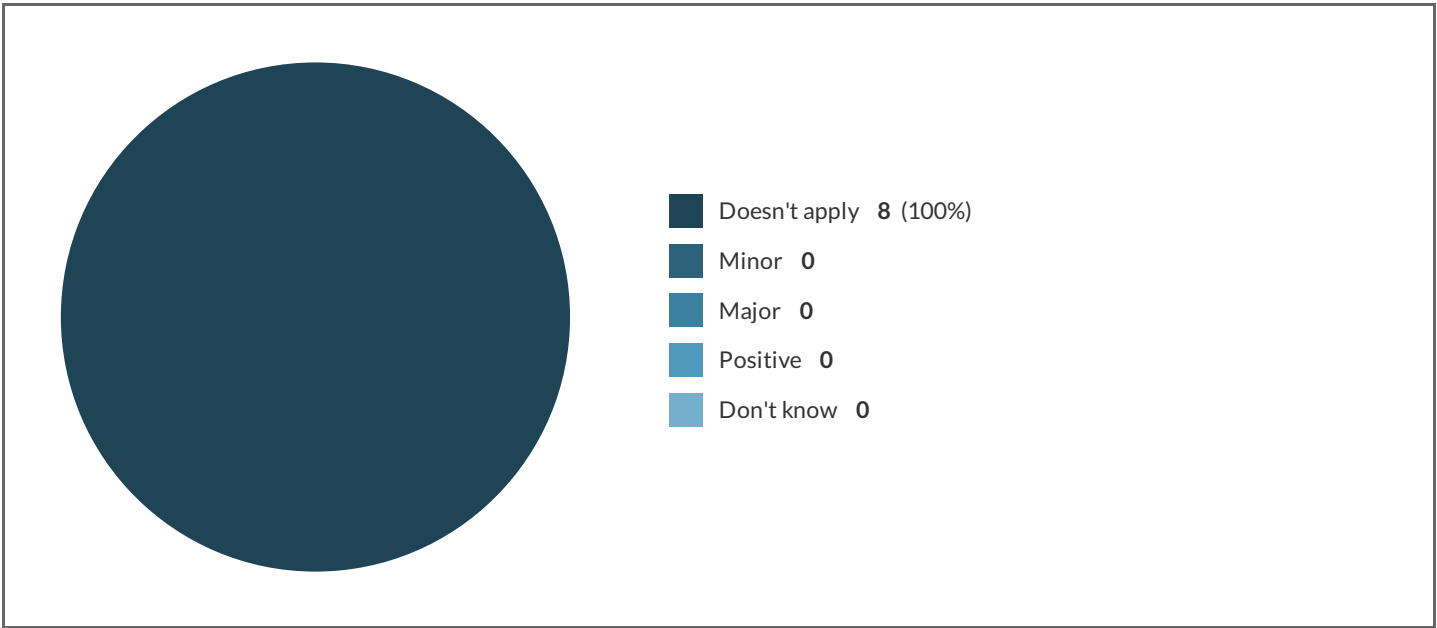


#### 11.4.b Requires the creation of a new password - Frequency Cost is Experienced

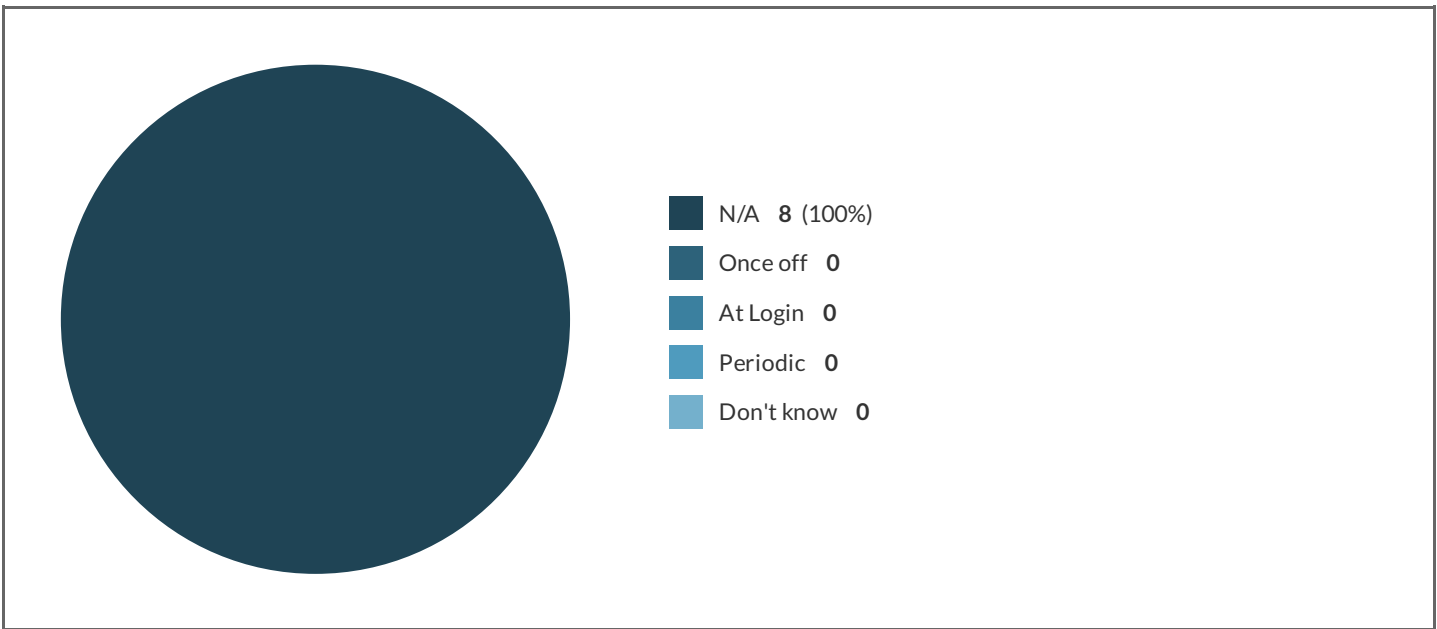


#### 11.5 Increases the computing power needed

##### 11.5.a Increases the computing power needed - Severity of Cost

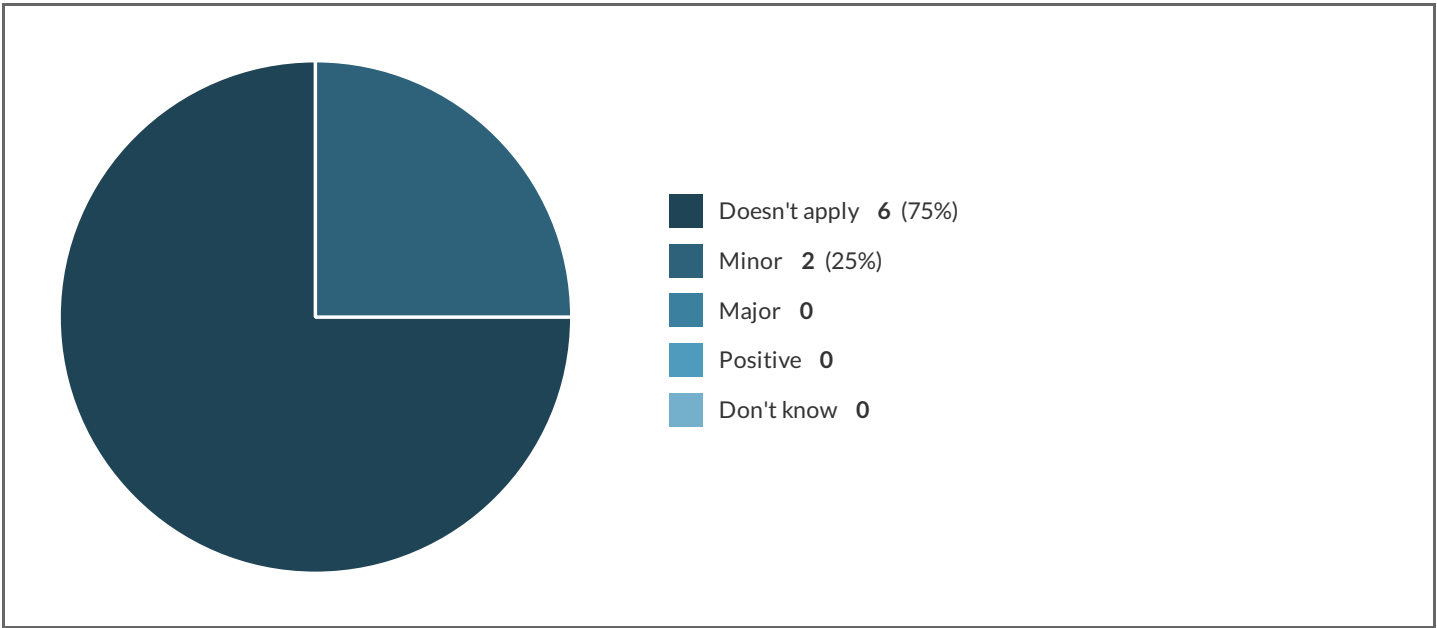


**11.5.b** Increases the computing power needed - Frequency Cost is Experienced

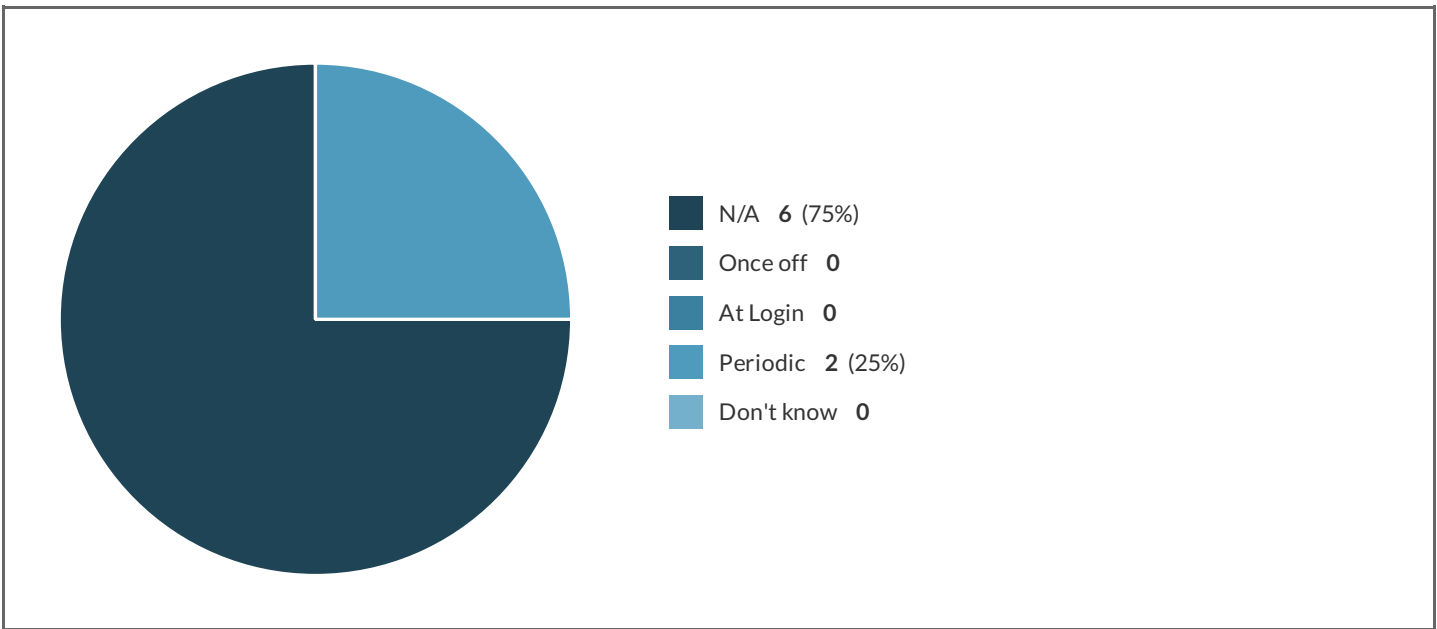


**11.6** Requires other extra time or effort

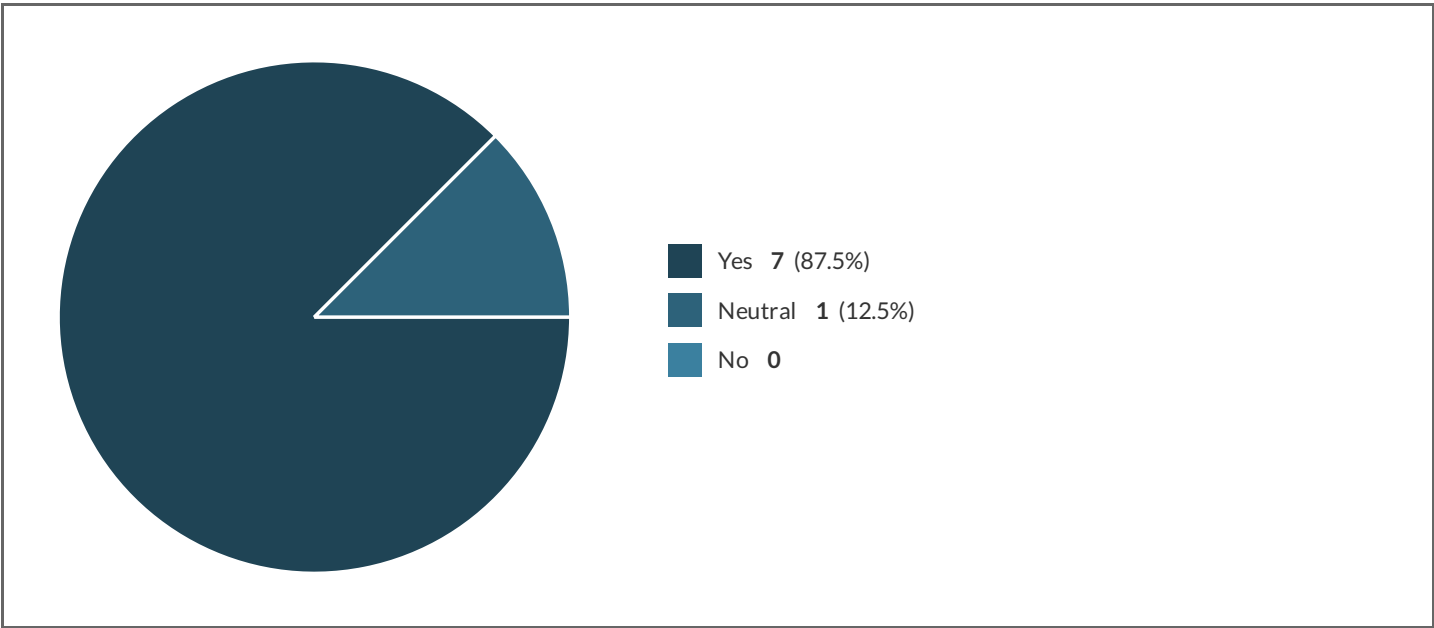
**11.6.a** Requires other extra time or effort - Severity of Cost



**11.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**11.a** Do you approve of this advice?



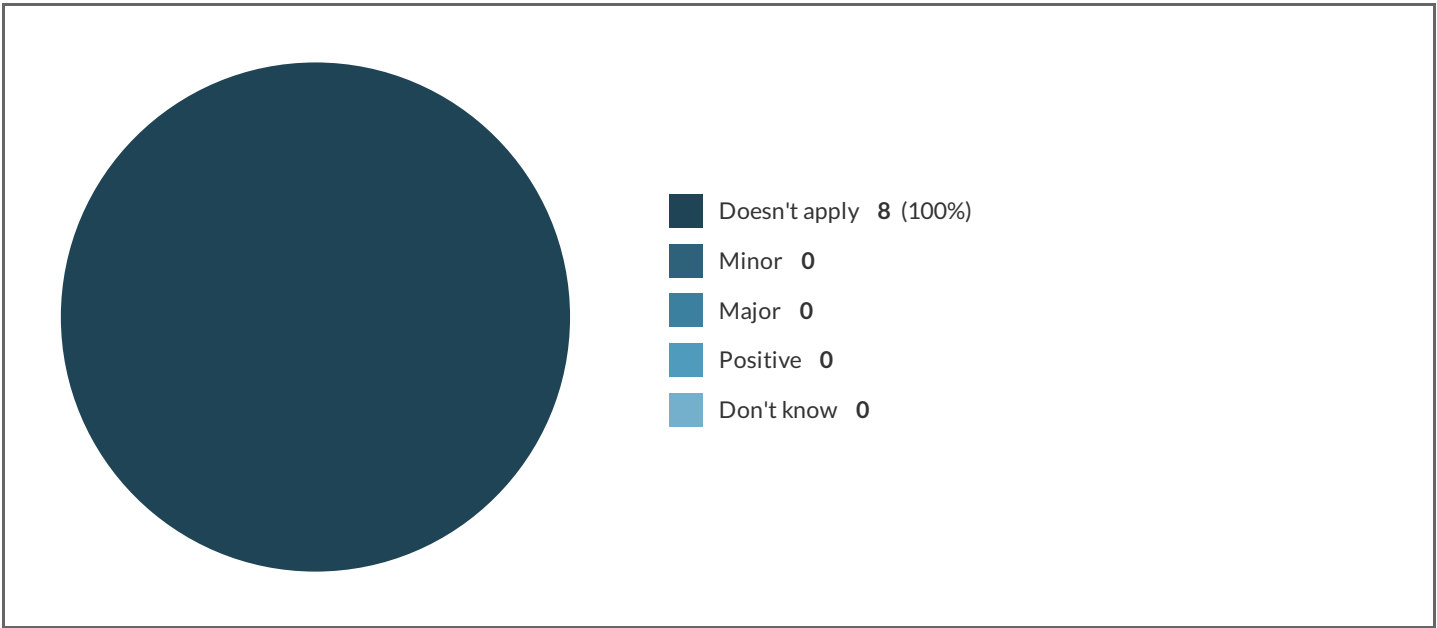
11.b Comments

Showing all 2 responses	
Good advice. Requires more system storage for individual profiles.	624487-624478-66147464
It is sometimes necessary to share passwords with family members on shared devices or accounts.	624487-624478-66157604

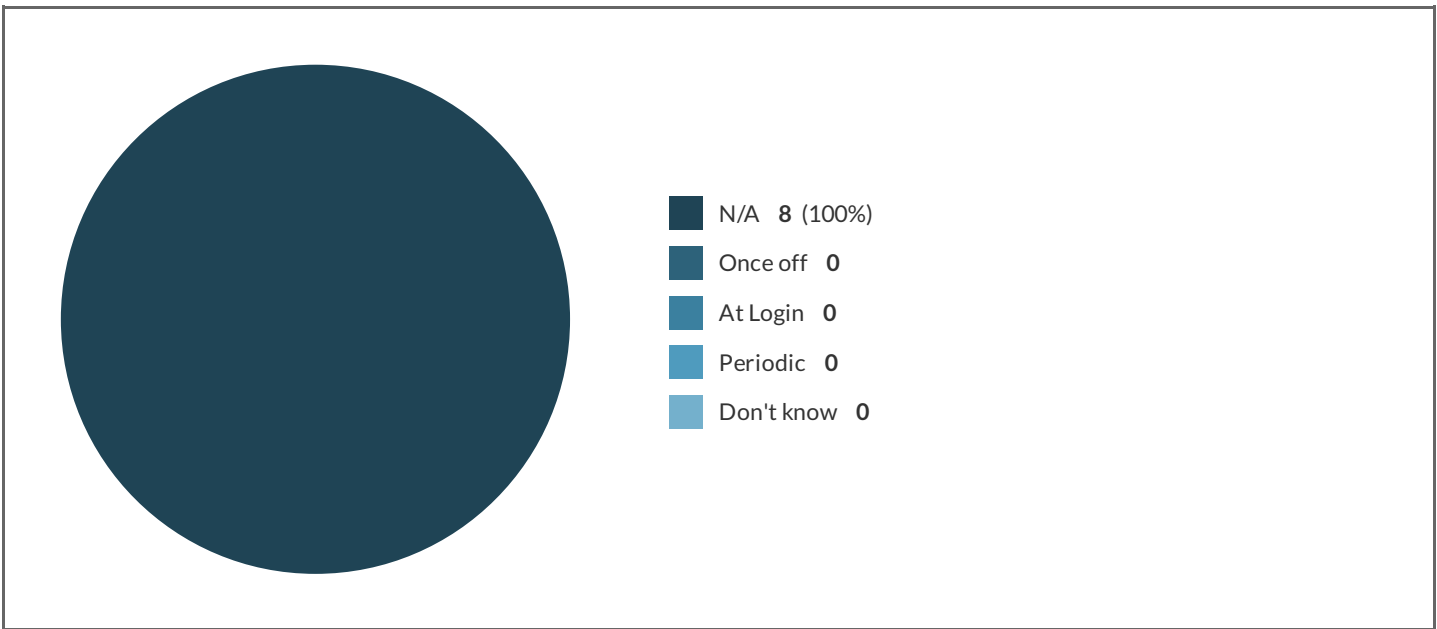
12 Keep your Email up-to-date and secure

12.1 Makes it more difficult to create a password

12.1.a Makes it more difficult to create a password - Severity of Cost

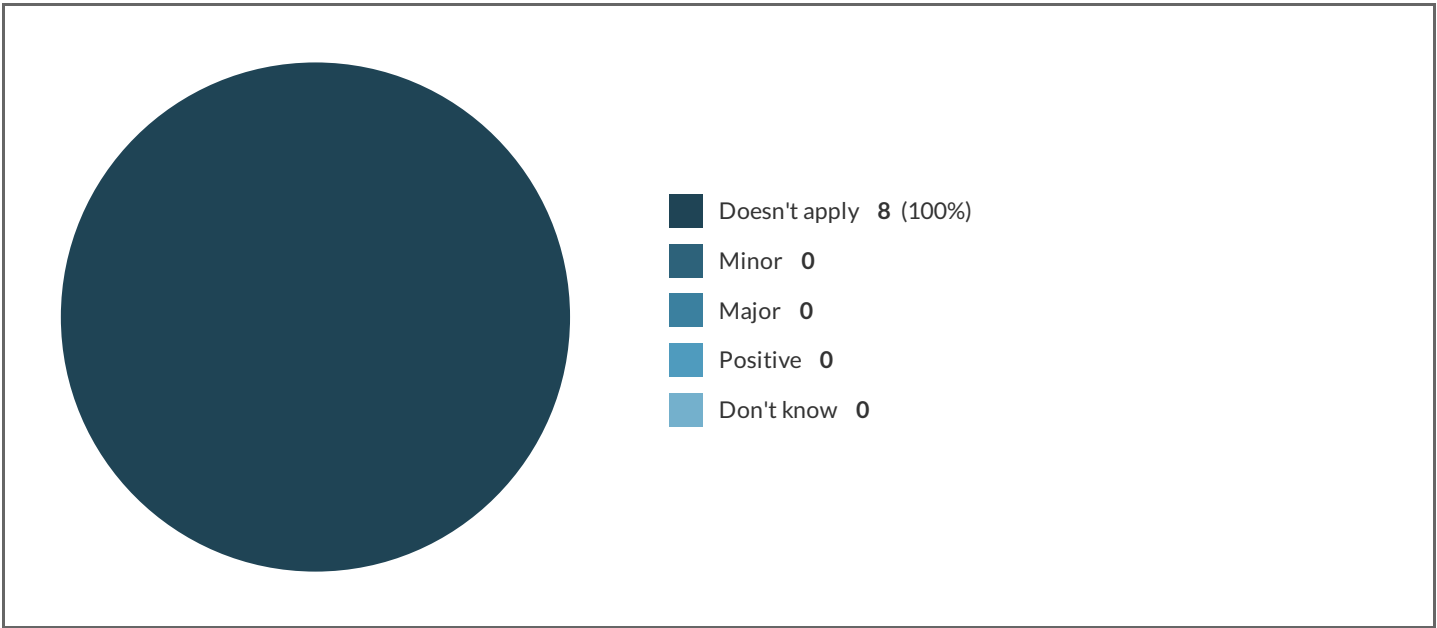


12.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

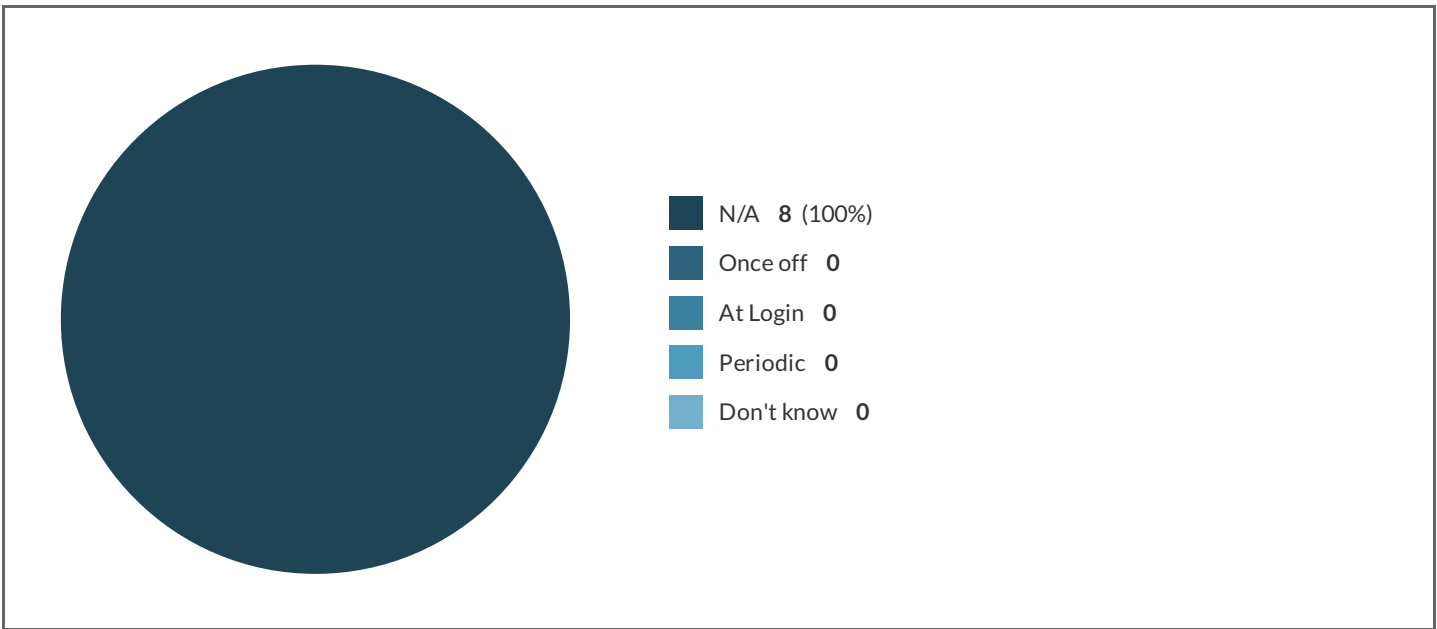


12.2 Makes it less easy to remember

12.2.a Makes it less easy to remember - Severity of Cost

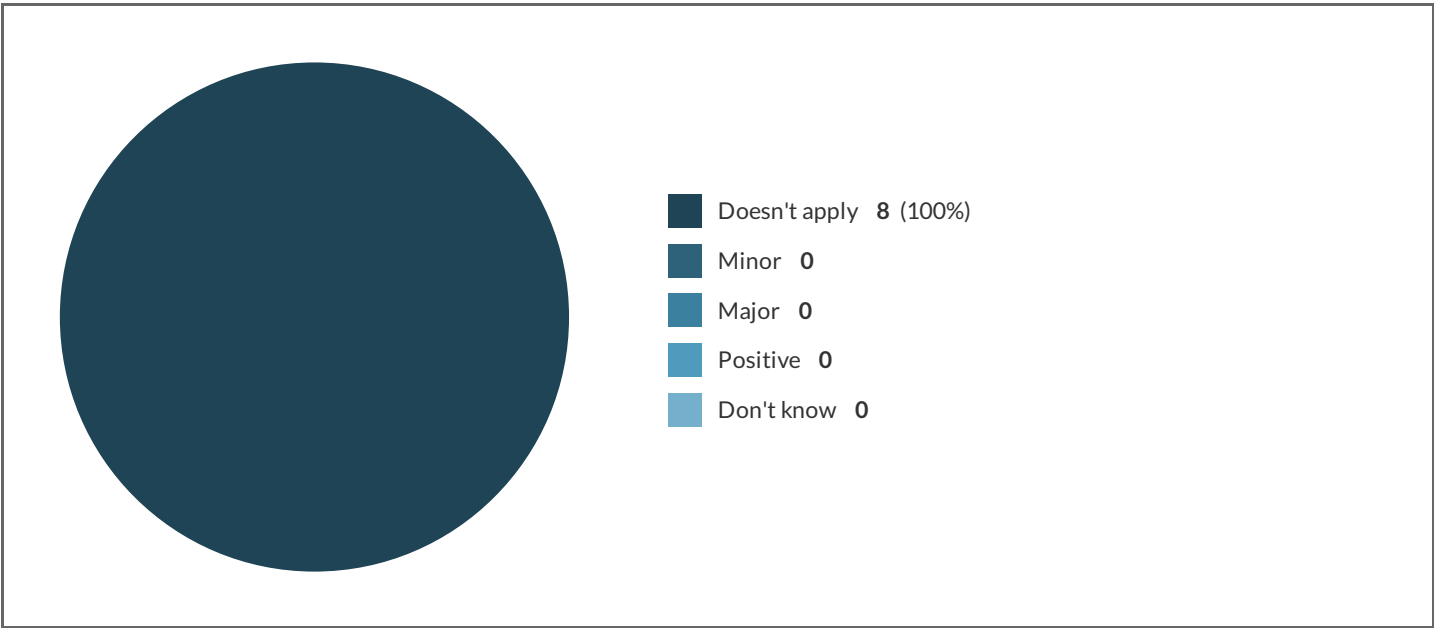


12.2.b Makes it less easy to remember - Frequency Cost is Experienced

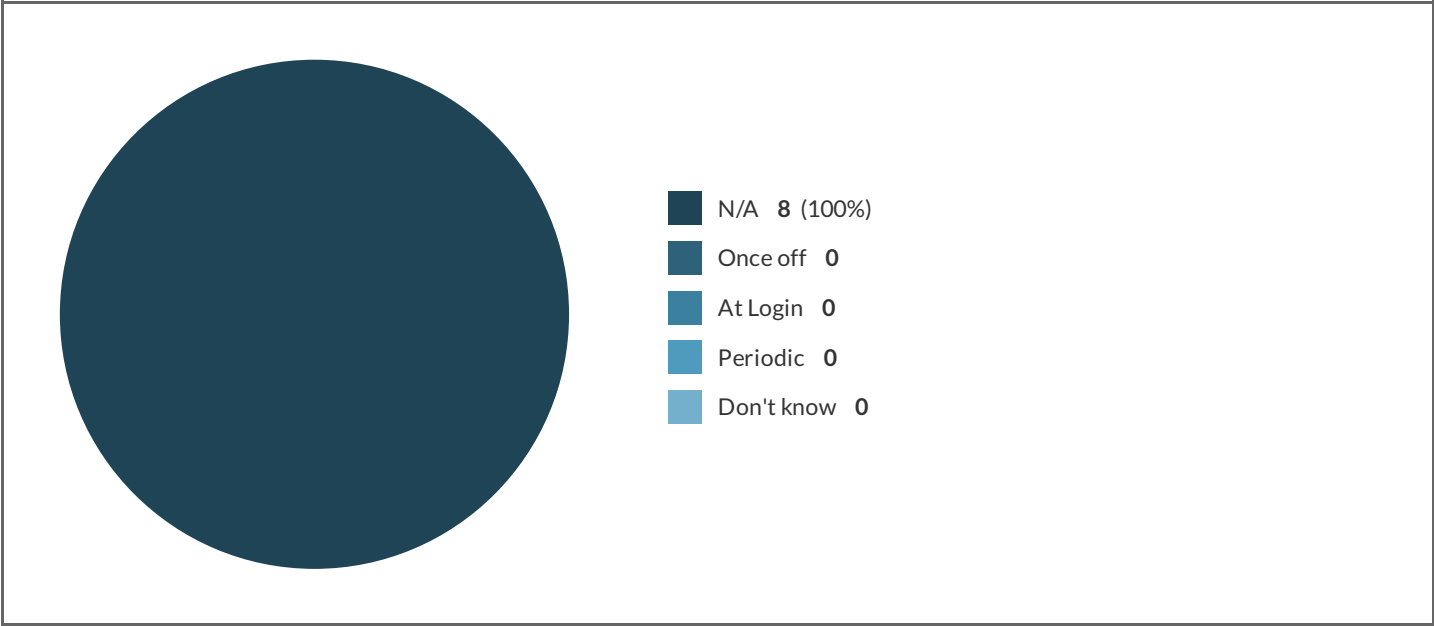


12.3 Requires extra resources

12.3.a Requires extra resources - Severity of Cost

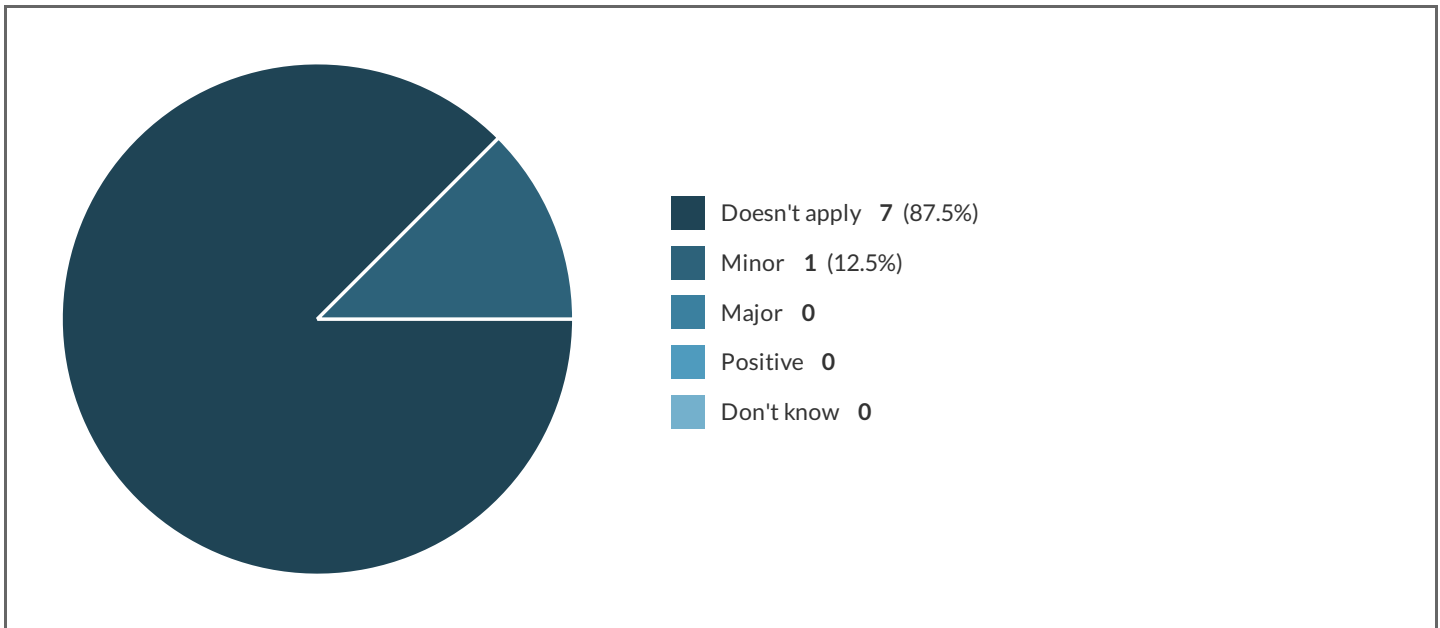


12.3.b Requires extra resources - Frequency Cost is Experienced

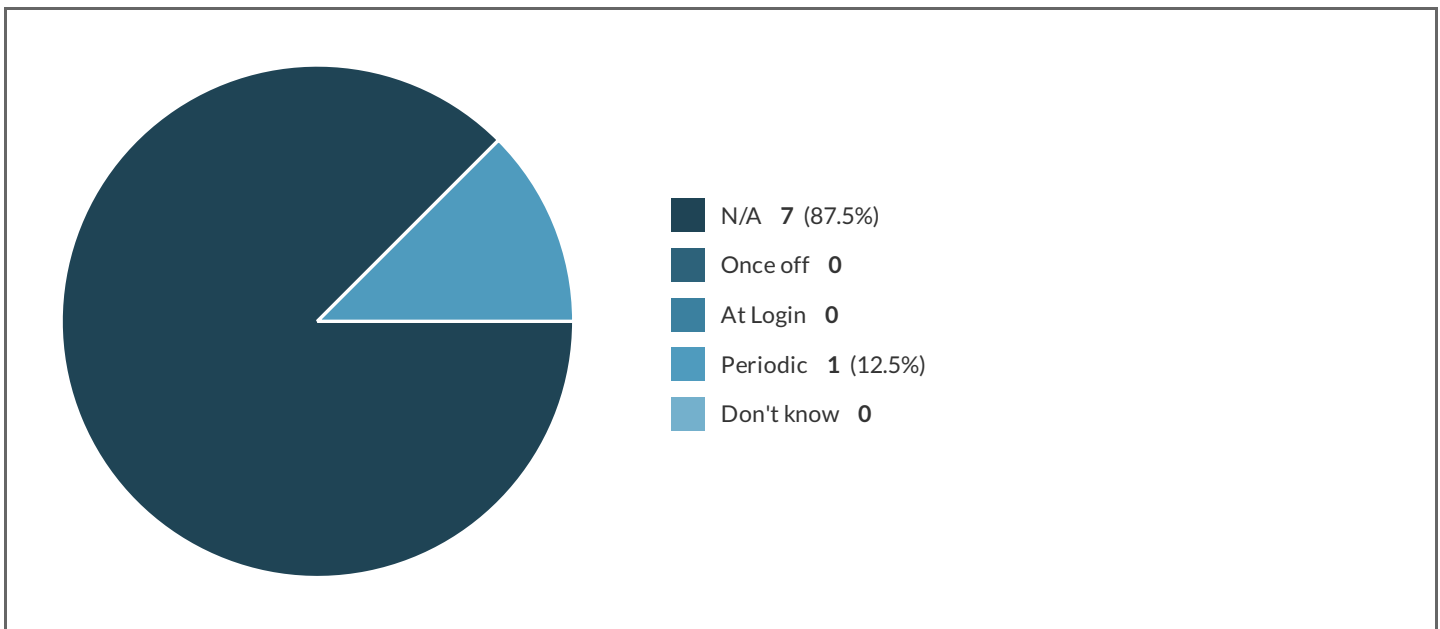


12.4 Requires the creation of a new password

12.4.a Requires the creation of a new password - Severity of Cost



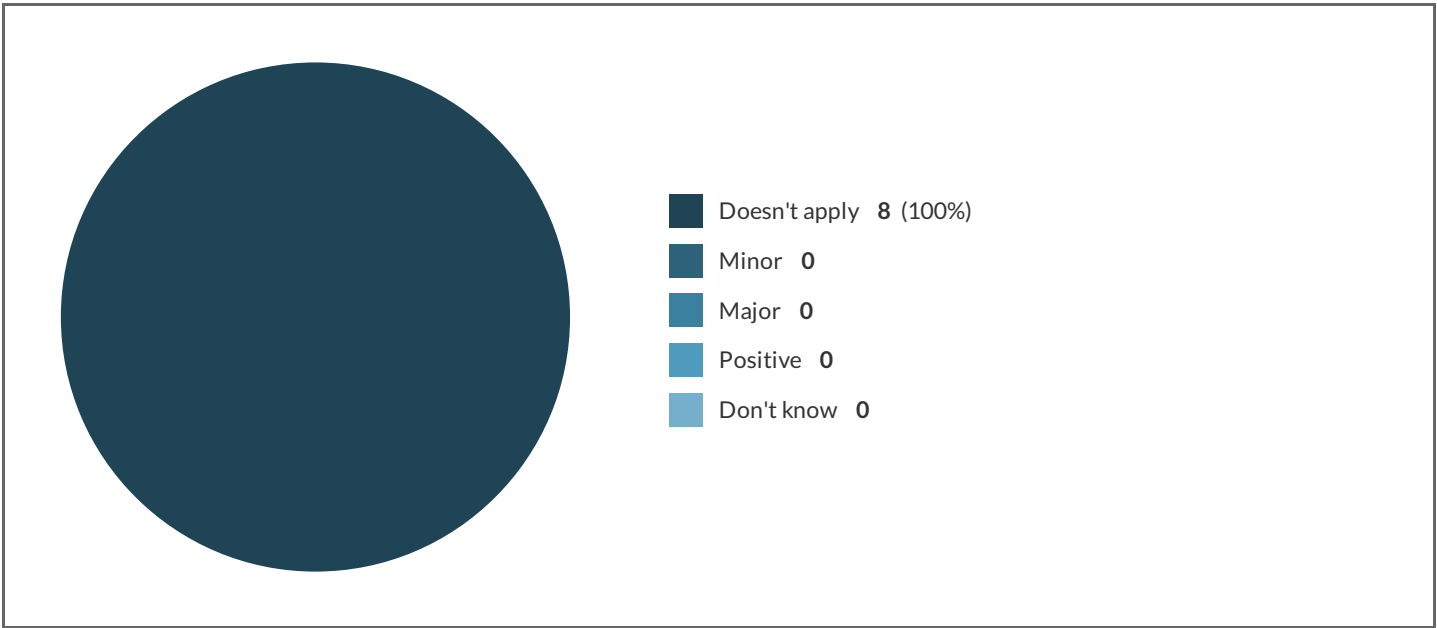
**12.4.b** Requires the creation of a new password - Frequency Cost is Experienced



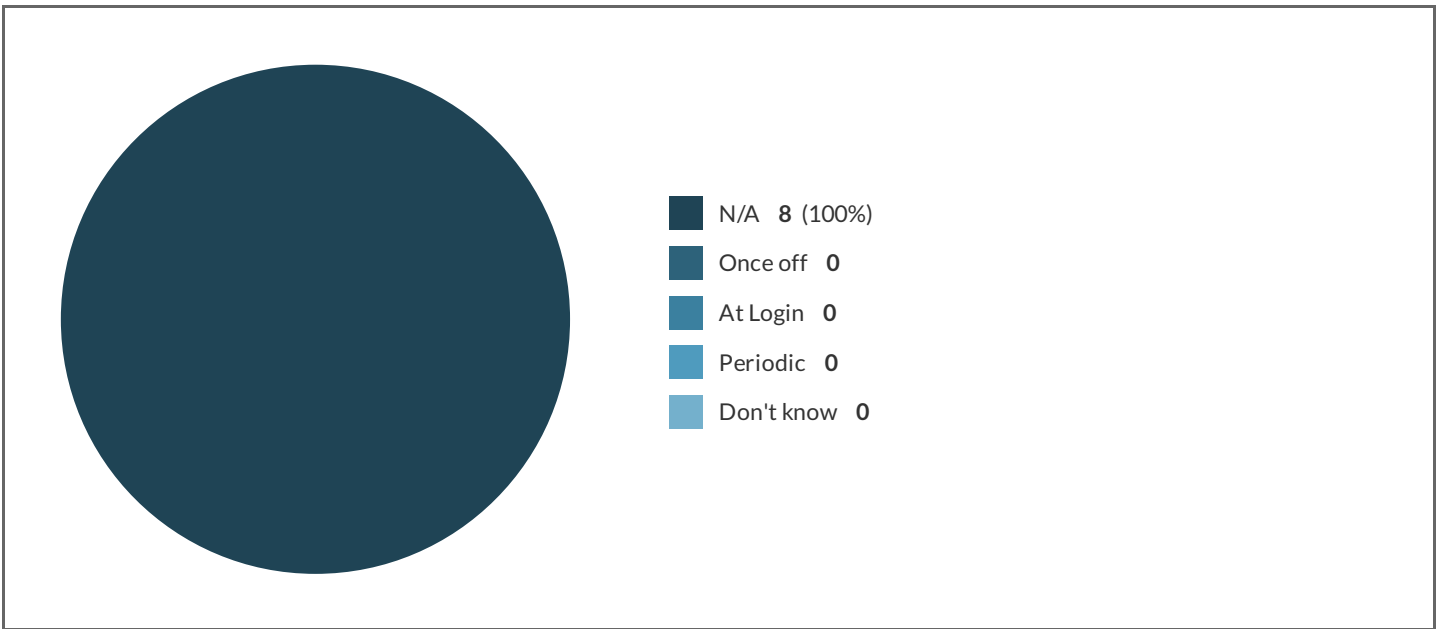
**12.5** Increases the computing power needed

**12.5.a** Increases the computing power needed - Severity of Cost



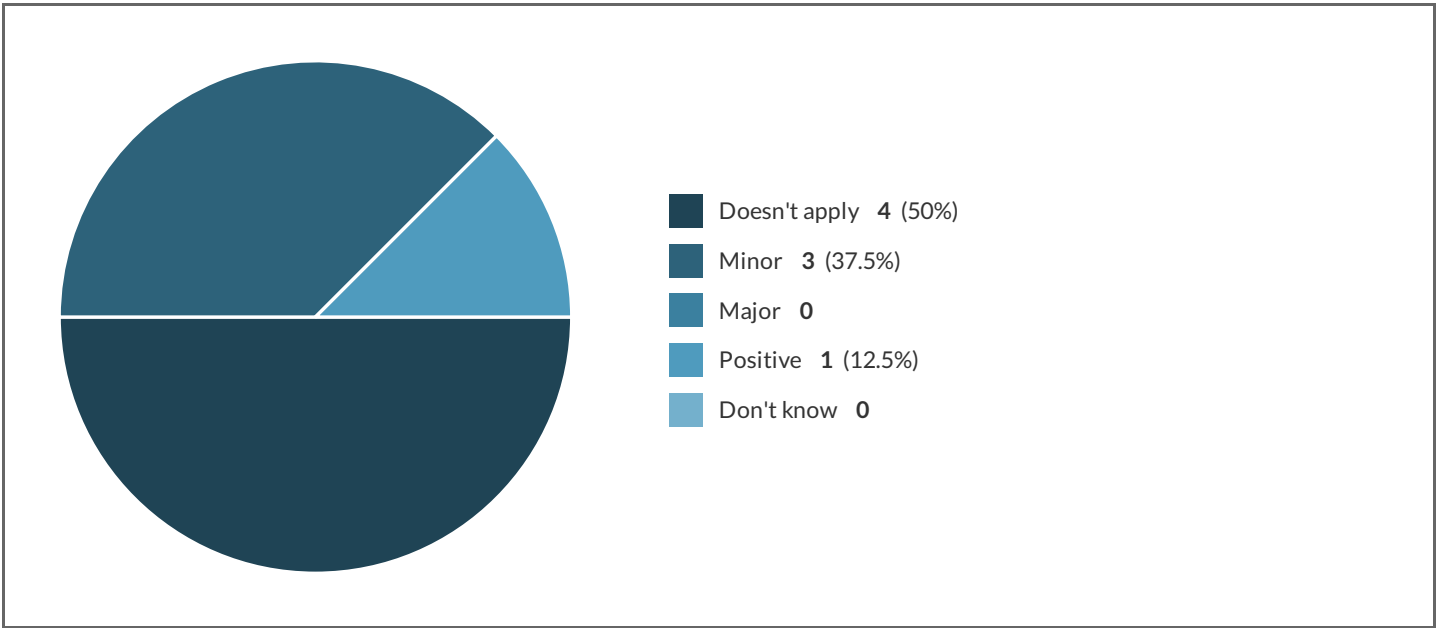


**12.5.b** Increases the computing power needed - Frequency Cost is Experienced

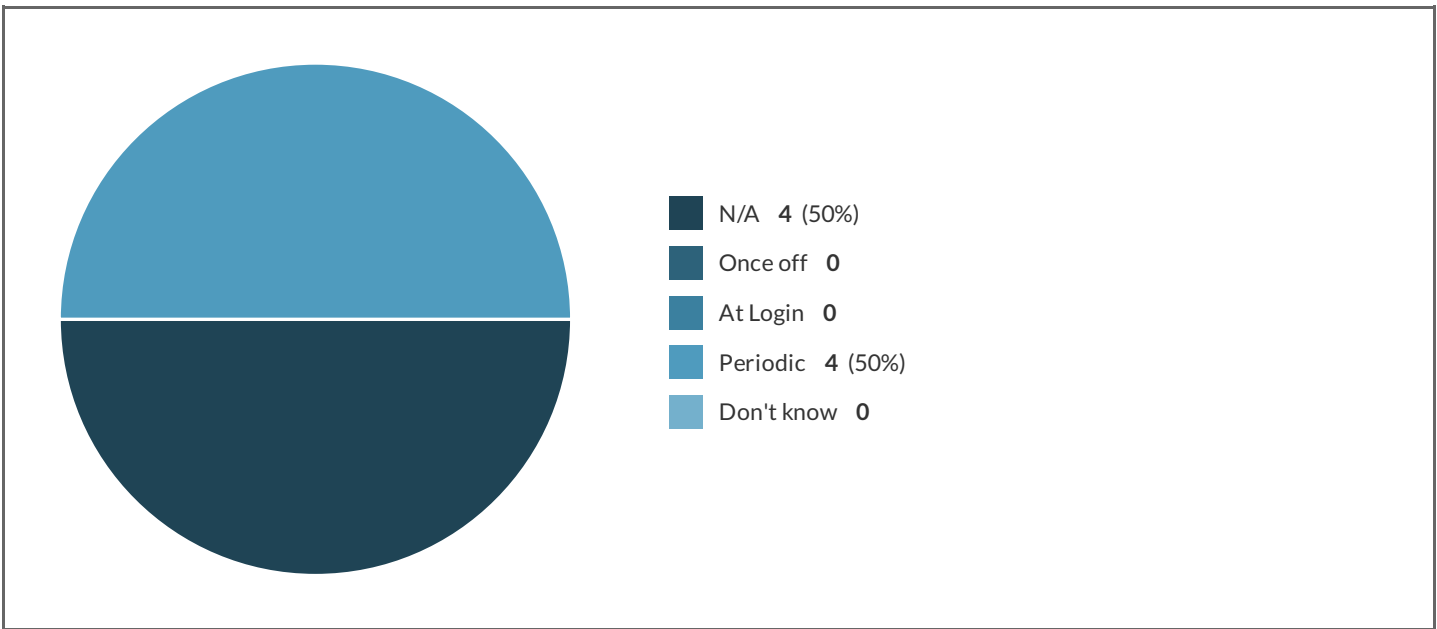


**12.6** Requires other extra time or effort

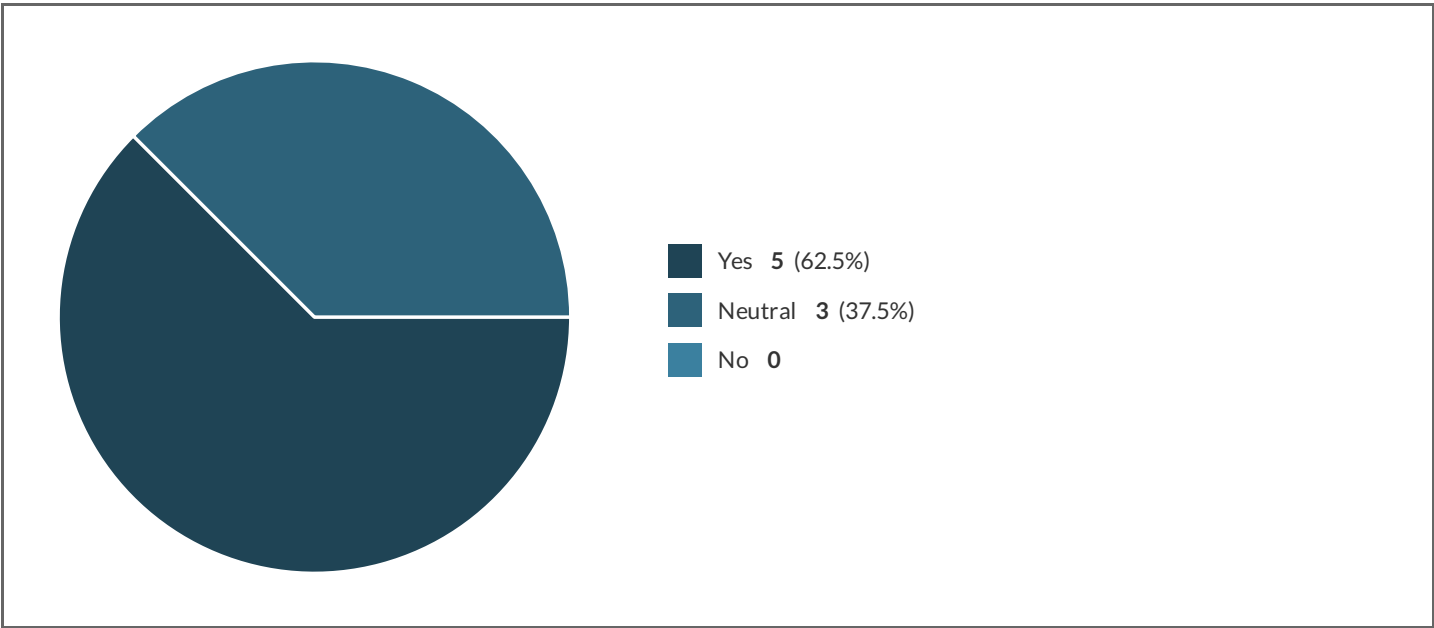
**12.6.a** Requires other extra time or effort - Severity of Cost



12.6.b Requires other extra time or effort - Frequency Cost is Experienced



12.a Do you approve of this advice?



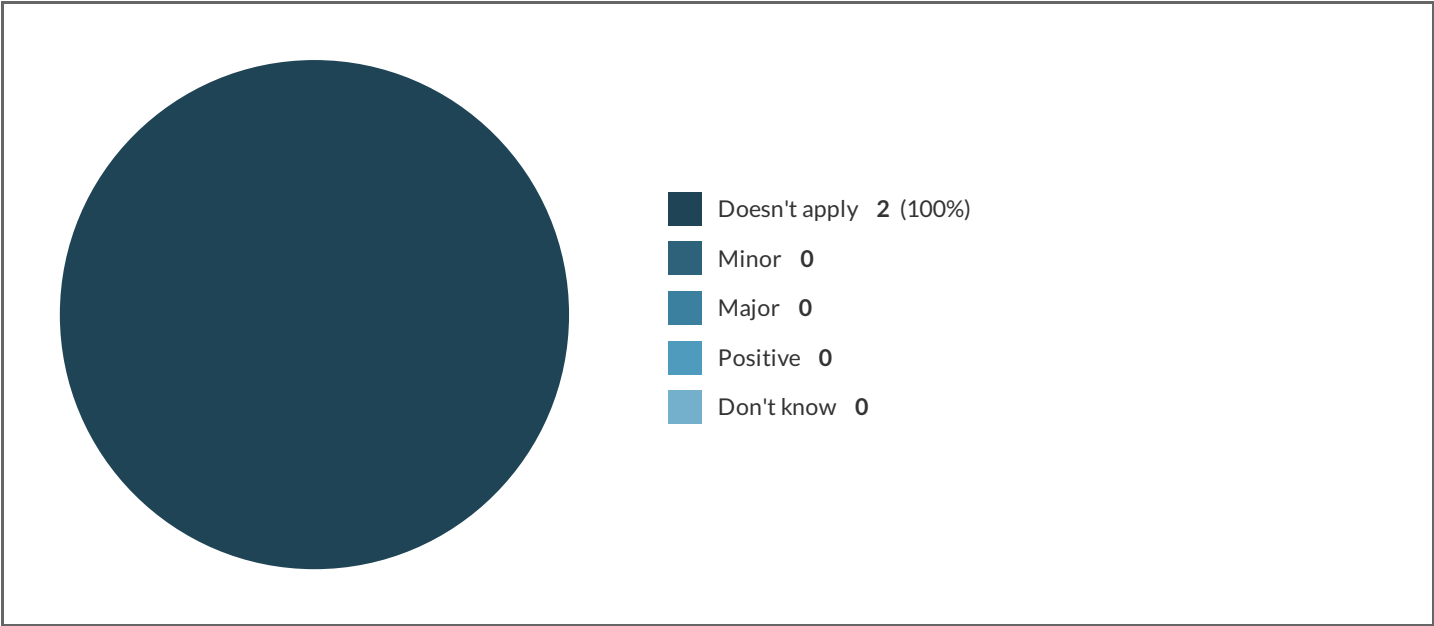
12.b Comments

Showing 1 response	
Unsure what "up-to-date" means.	<a href="#">624487-624478-66086963</a>

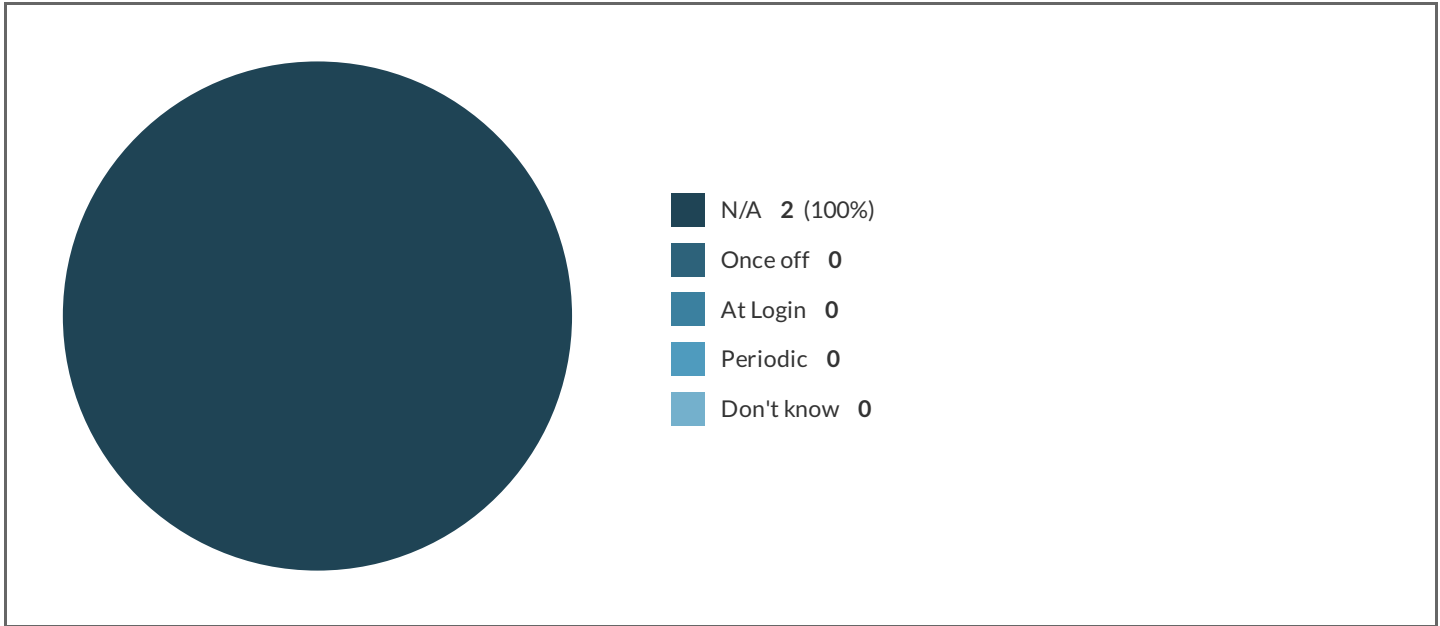
13 Keep software updated

13.1 Makes it more difficult to create a password

13.1.a Makes it more difficult to create a password - Severity of Cost

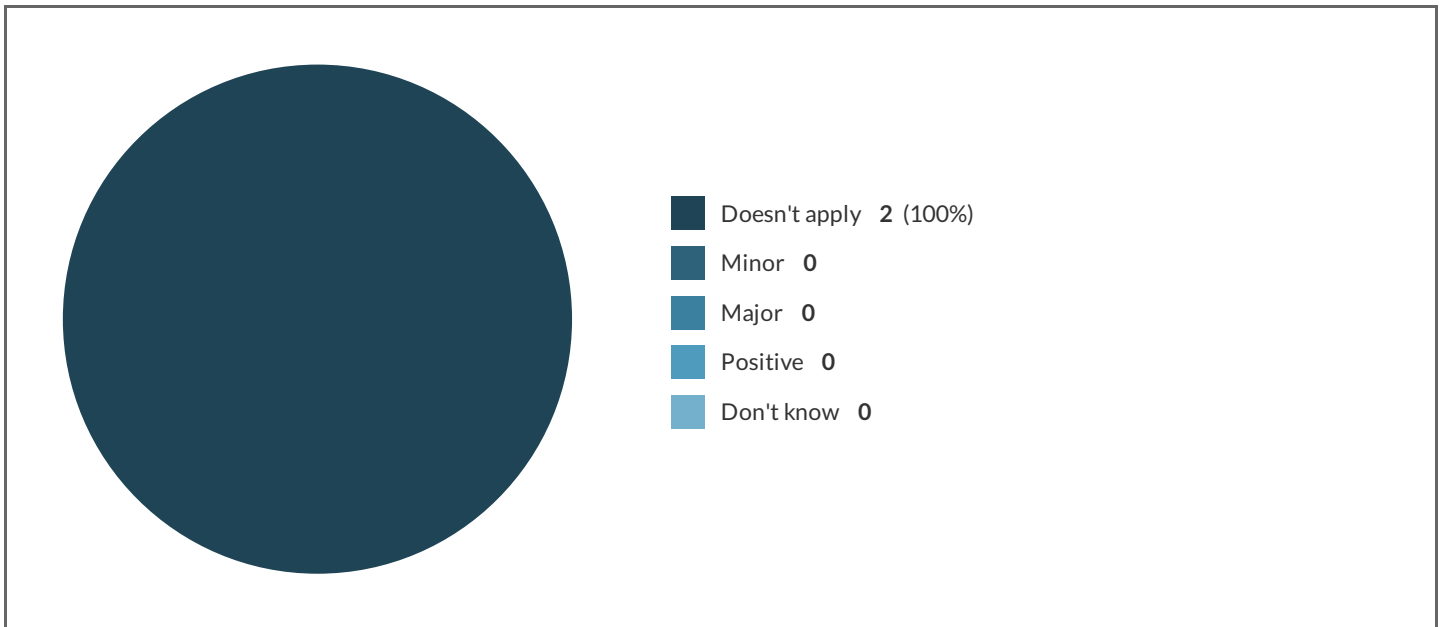


13.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

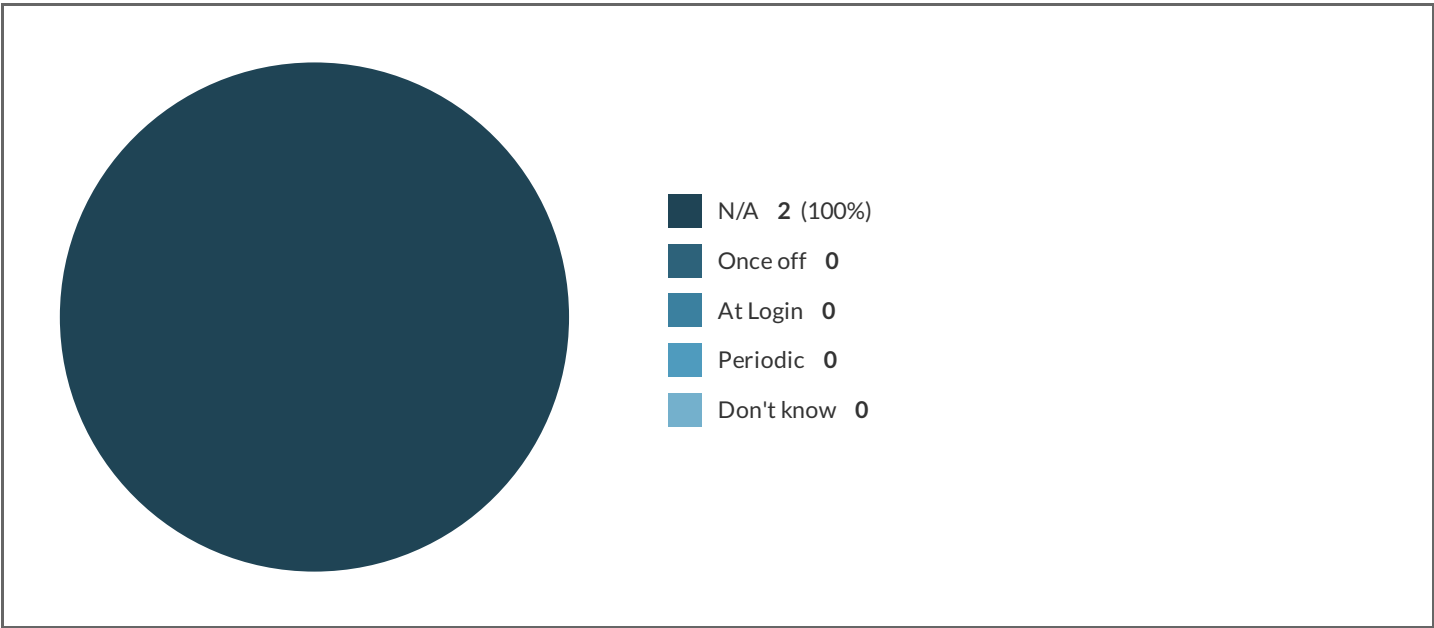


13.2 Makes it less easy to remember

13.2.a Makes it less easy to remember - Severity of Cost

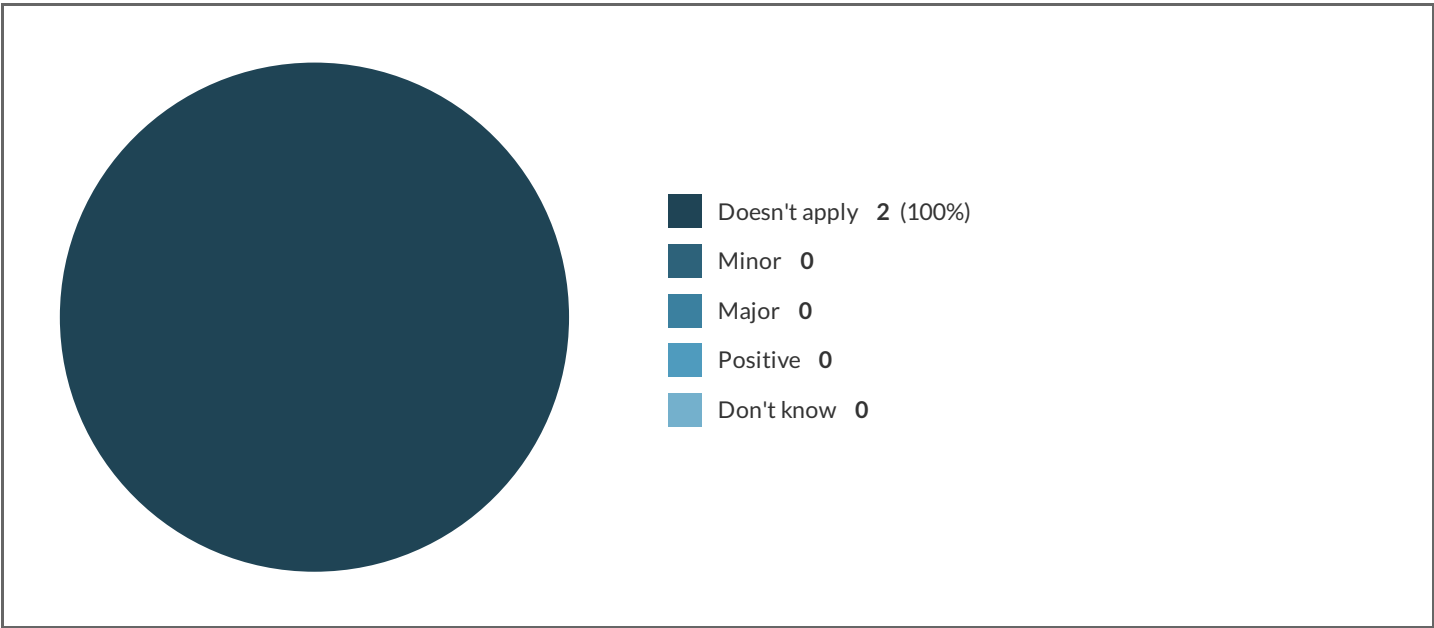


13.2.b Makes it less easy to remember - Frequency Cost is Experienced

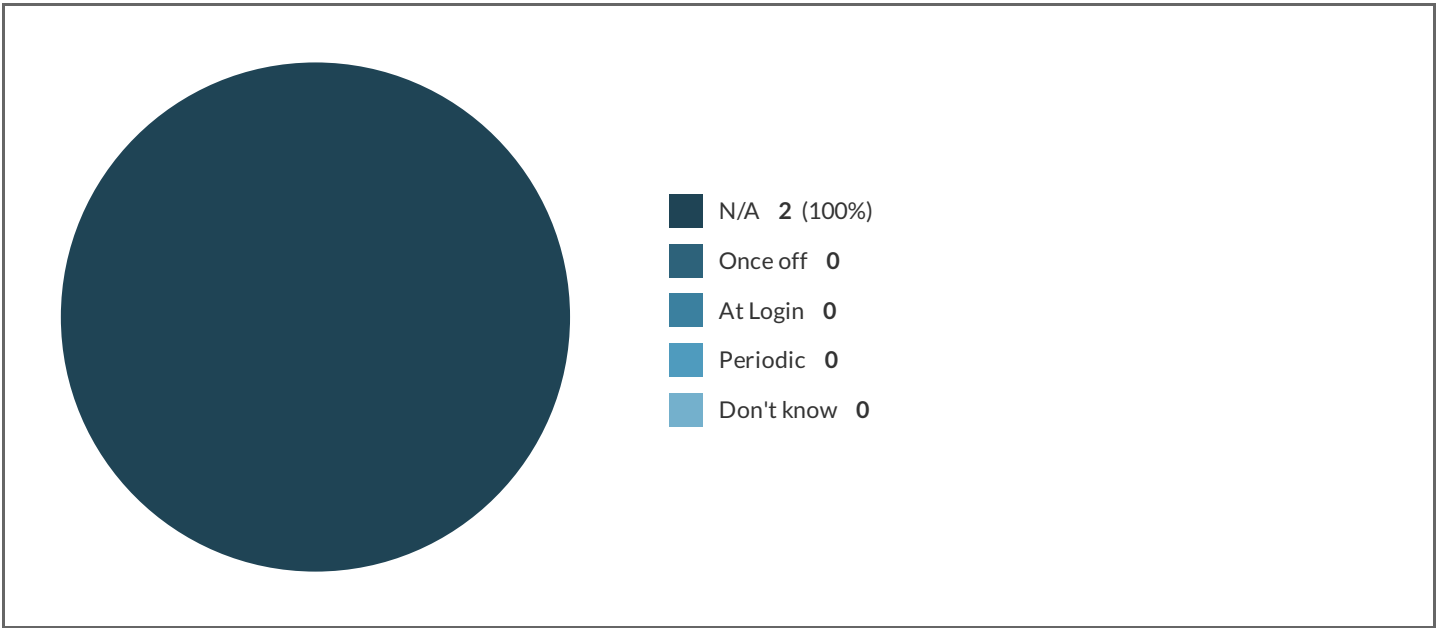


### 13.3 Requires extra resources

#### 13.3.a Requires extra resources - Severity of Cost

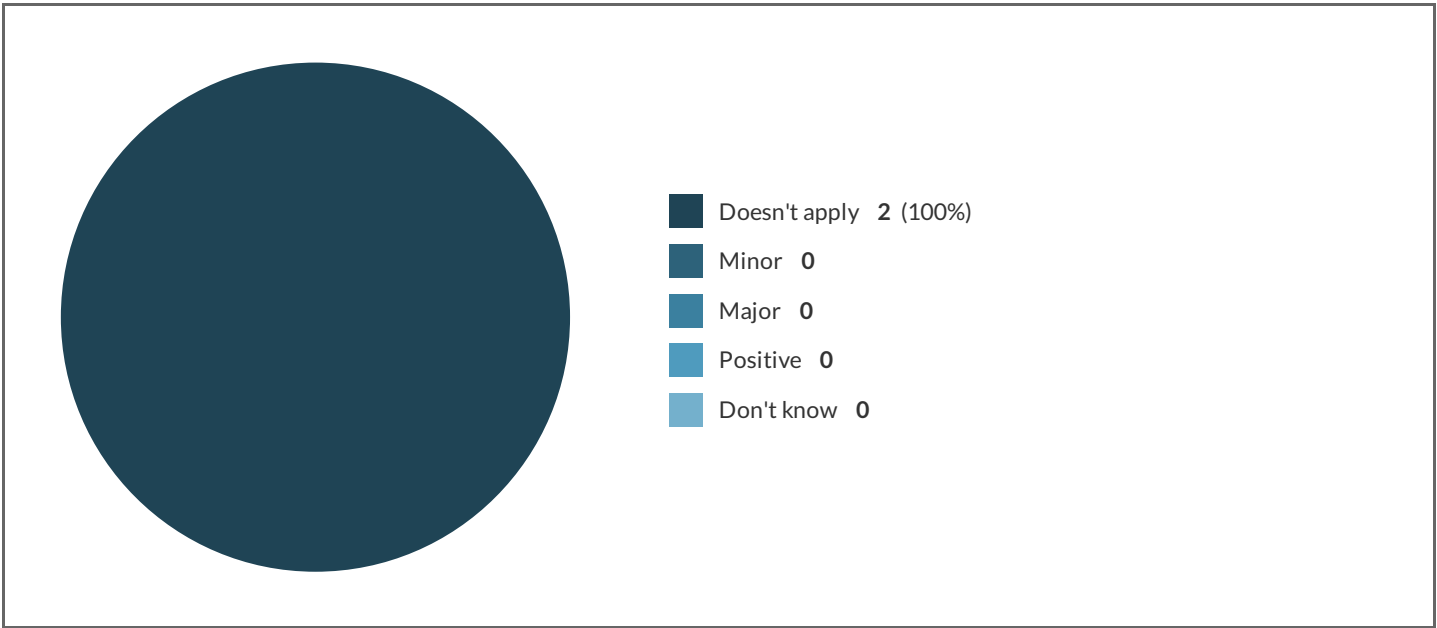


#### 13.3.b Requires extra resources - Frequency Cost is Experienced

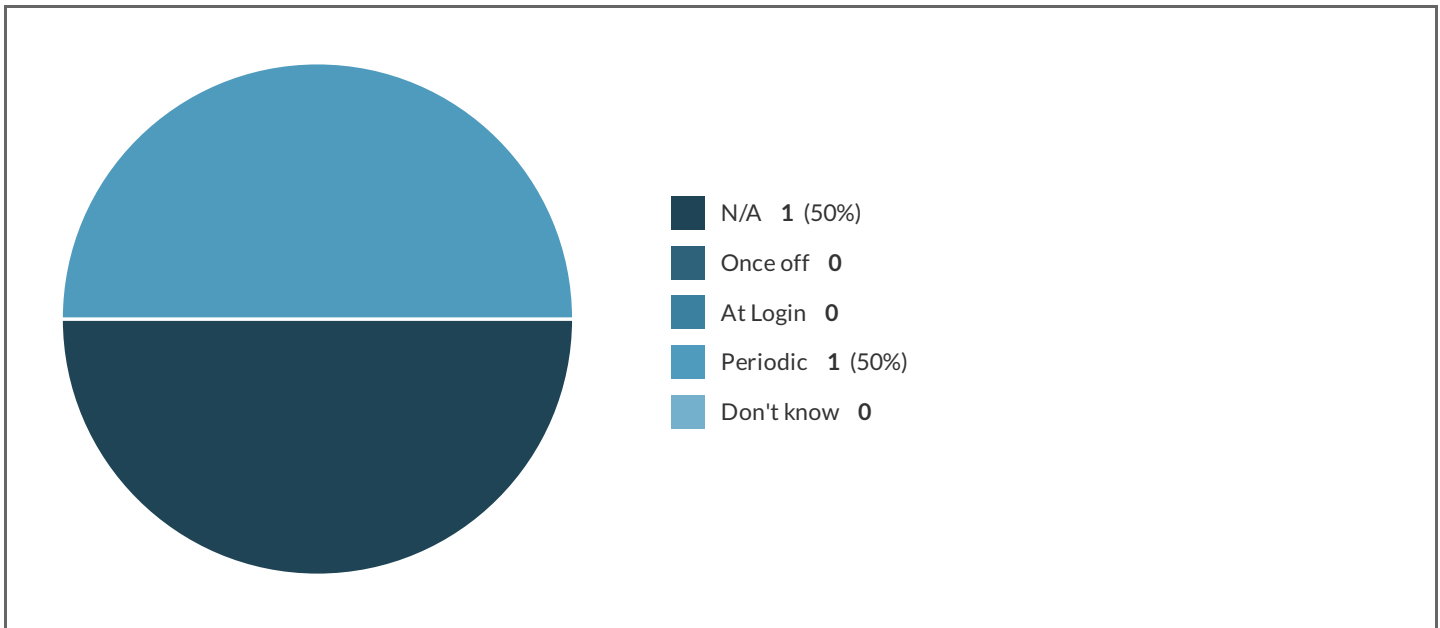


13.4 Requires the creation of a new password

13.4.a Requires the creation of a new password - Severity of Cost

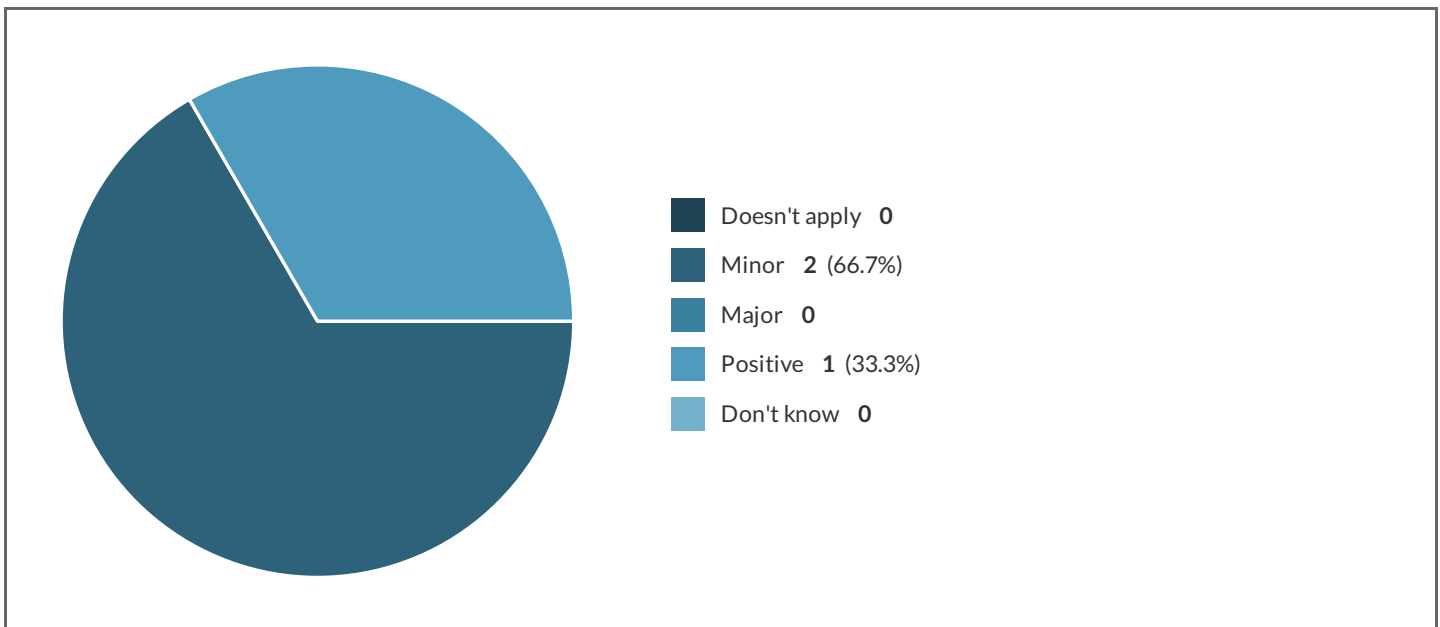


13.4.b Requires the creation of a new password - Frequency Cost is Experienced

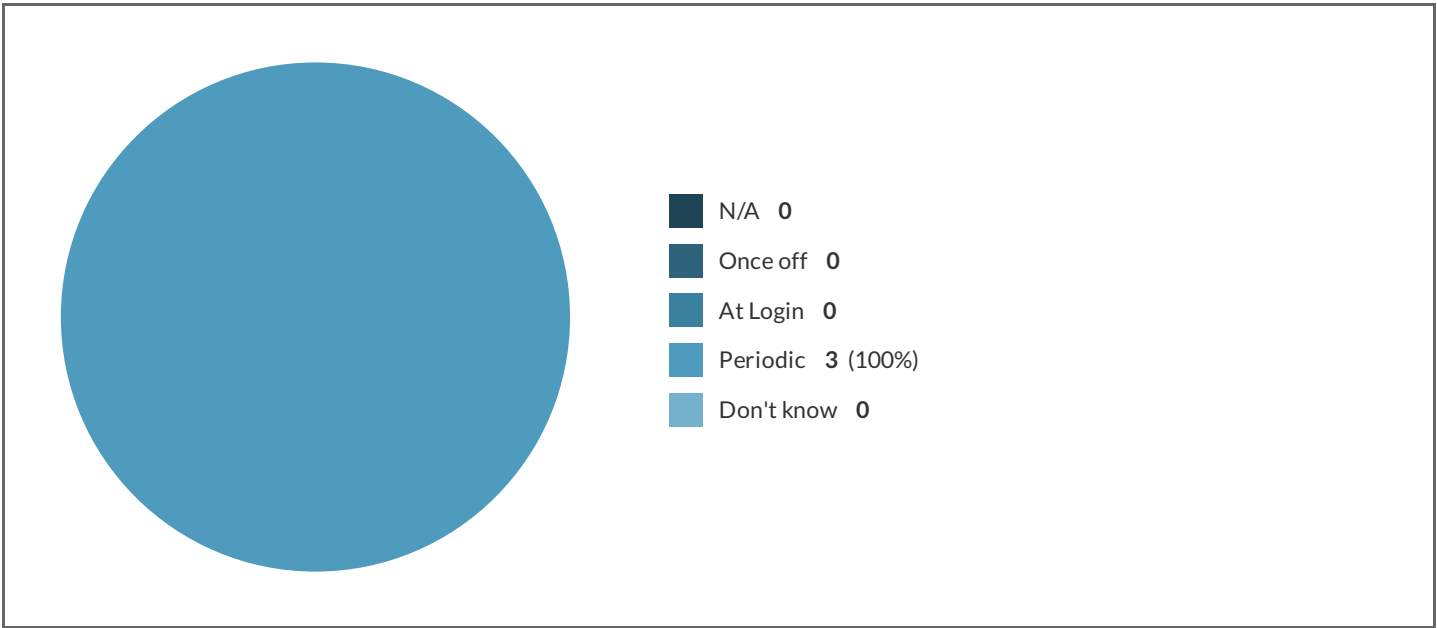


### 13.5 Increases the computing power needed

#### 13.5.a Increases the computing power needed - Severity of Cost

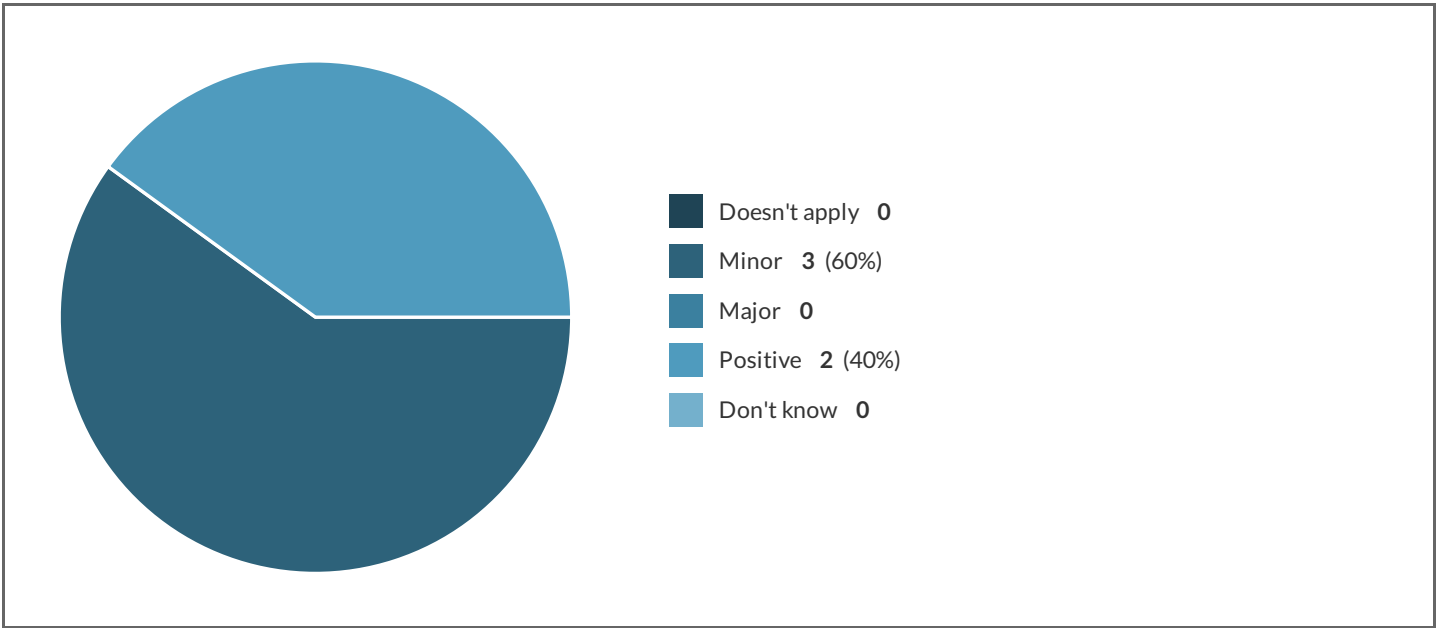


#### 13.5.b Increases the computing power needed - Frequency Cost is Experienced



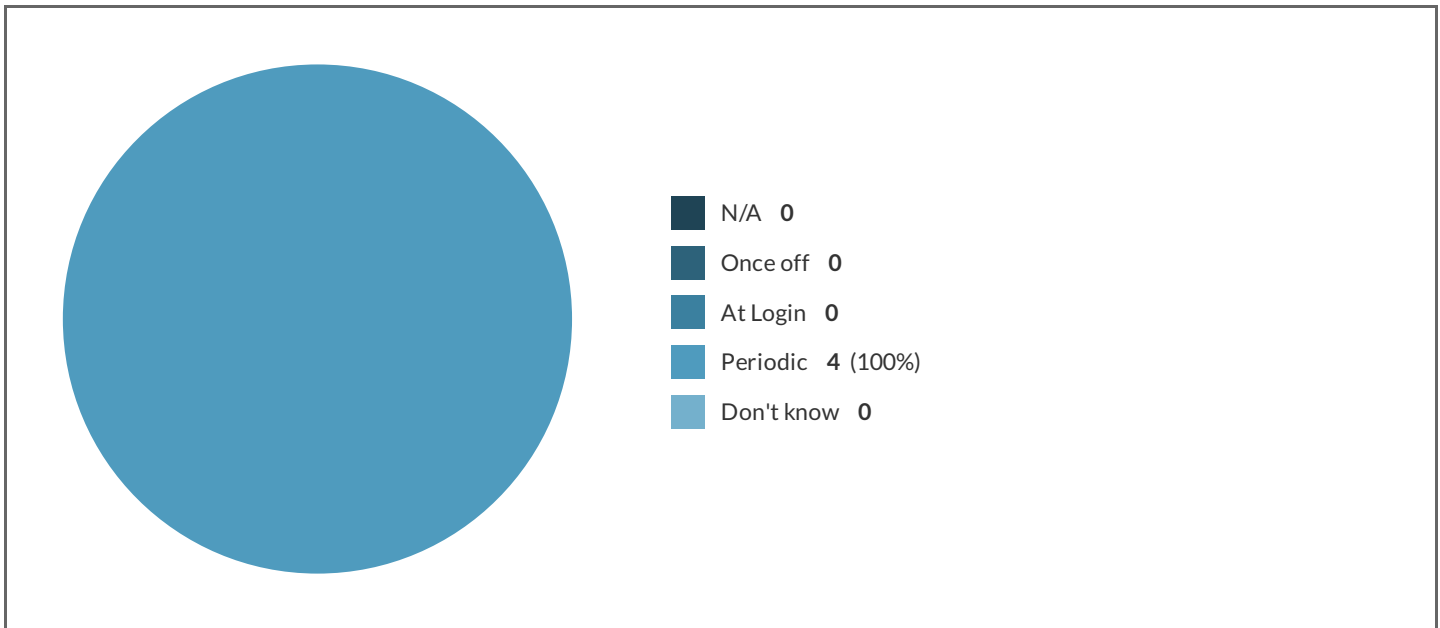
13.6 Requires other extra time or effort

13.6.a Requires other extra time or effort - Severity of Cost

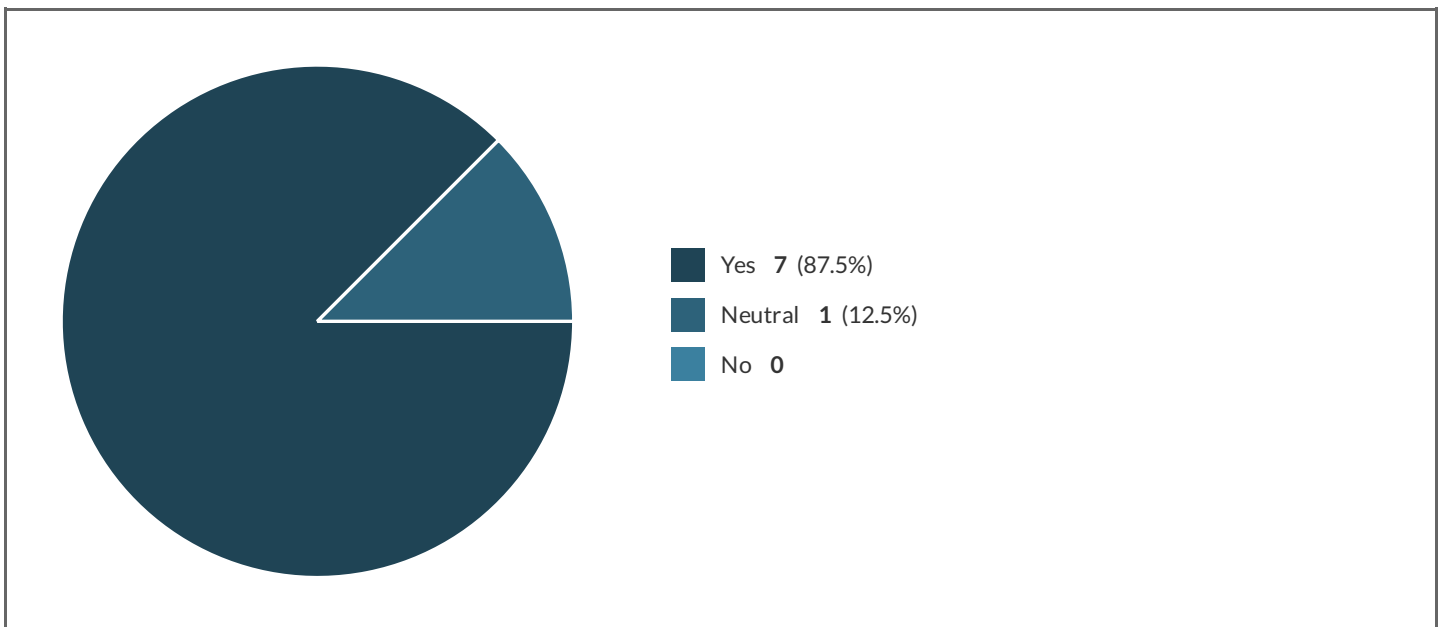


13.6.b Requires other extra time or effort - Frequency Cost is Experienced





13.a Do you approve of this advice?



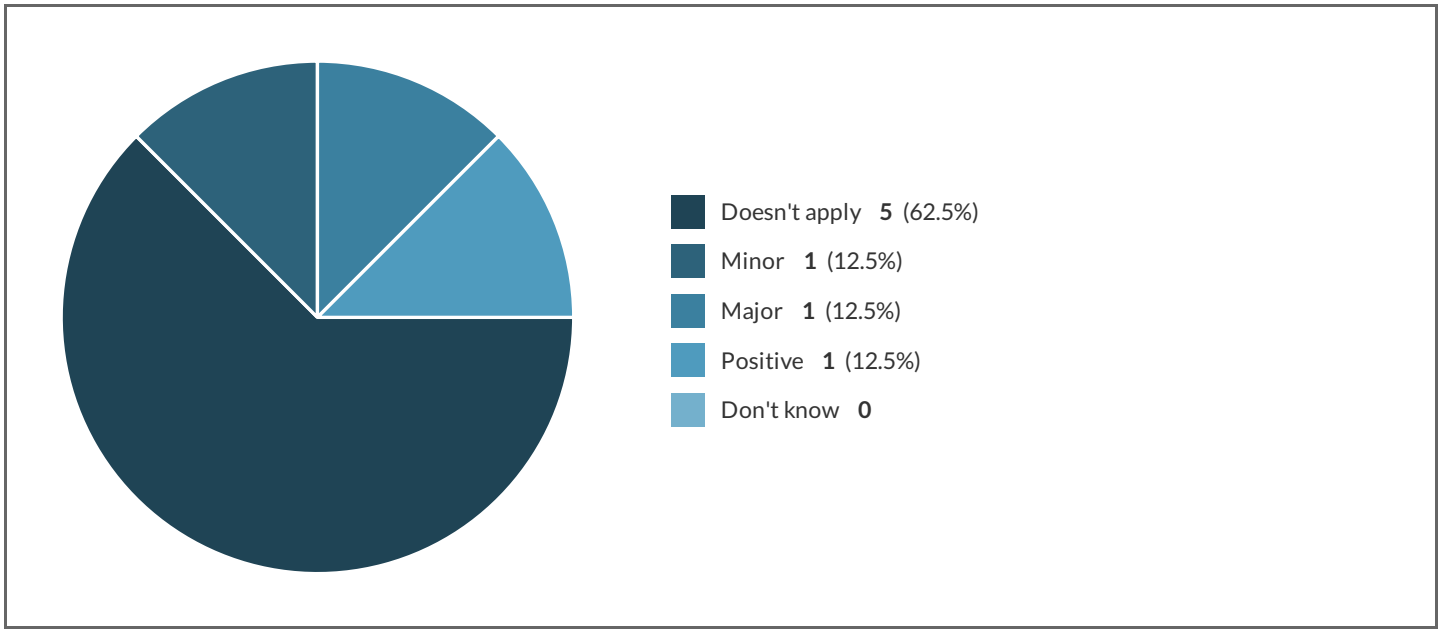
13.b Comments

No responses

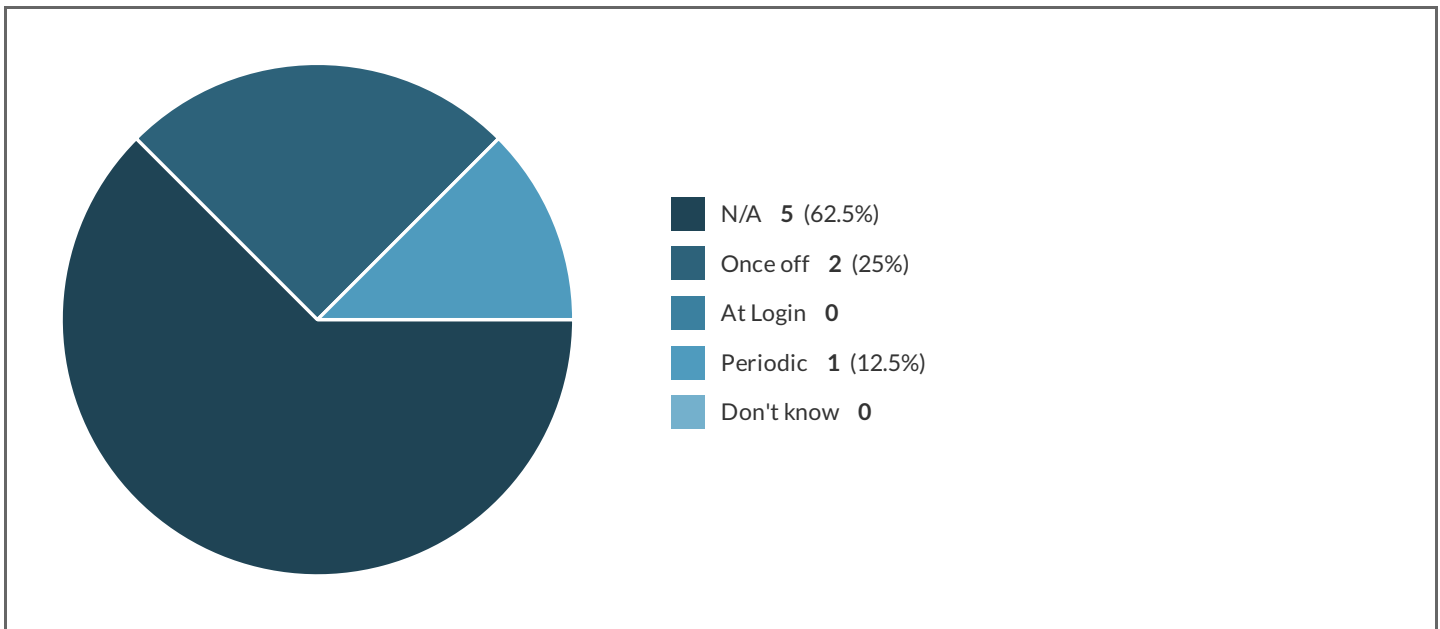
14 Change the default passwords on your devices e.g. wifi, smart light bulbs etc.

14.1 Makes it more difficult to create a password

14.1.a Makes it more difficult to create a password - Severity of Cost

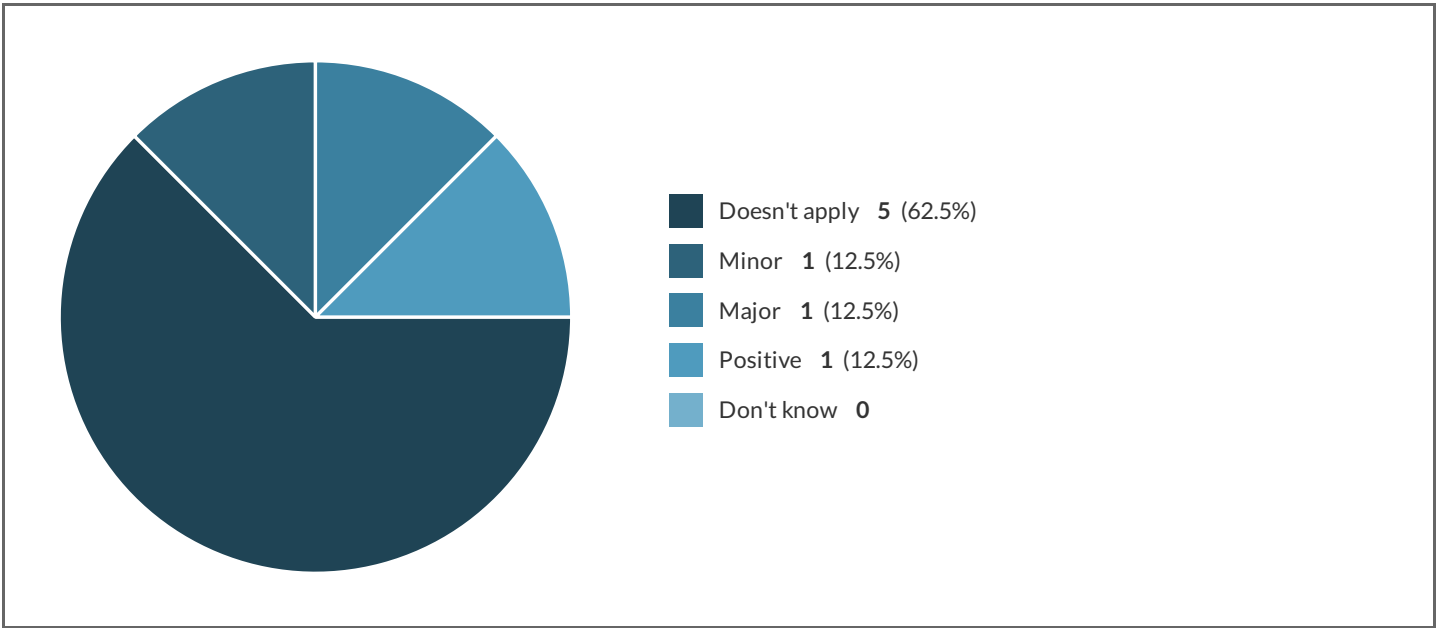


#### 14.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

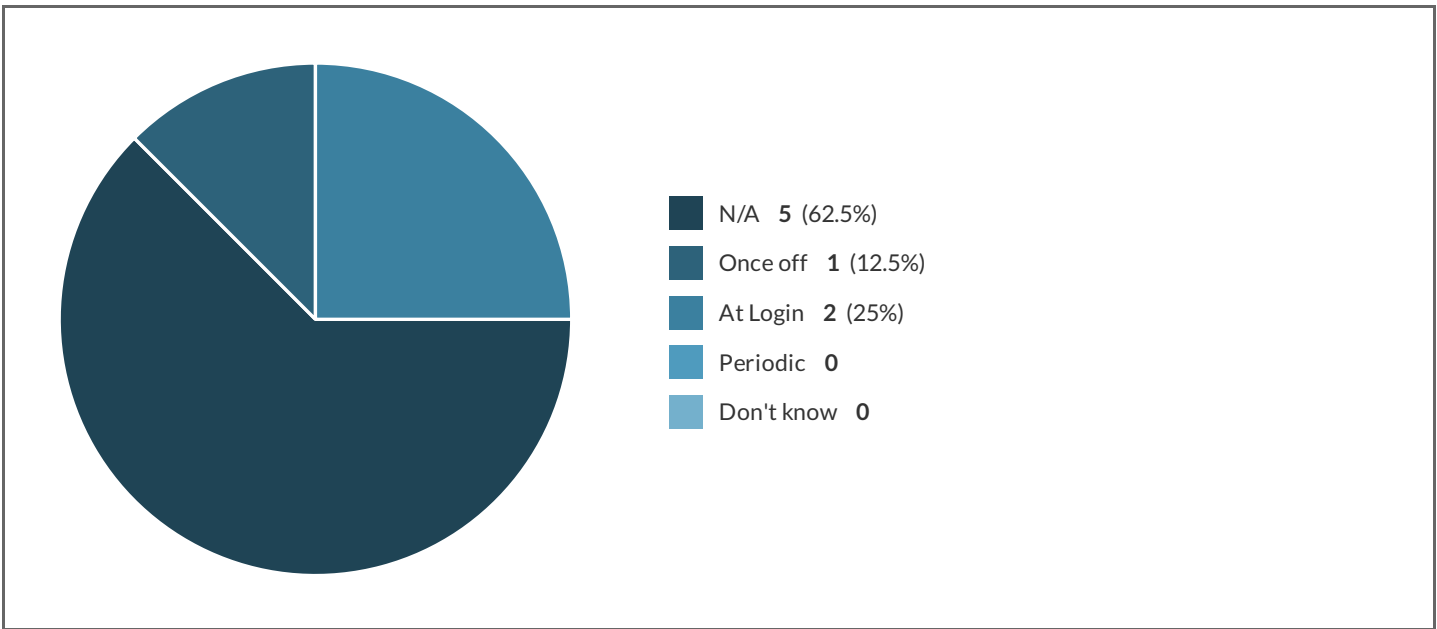


#### 14.2 Makes it less easy to remember

##### 14.2.a Makes it less easy to remember - Severity of Cost

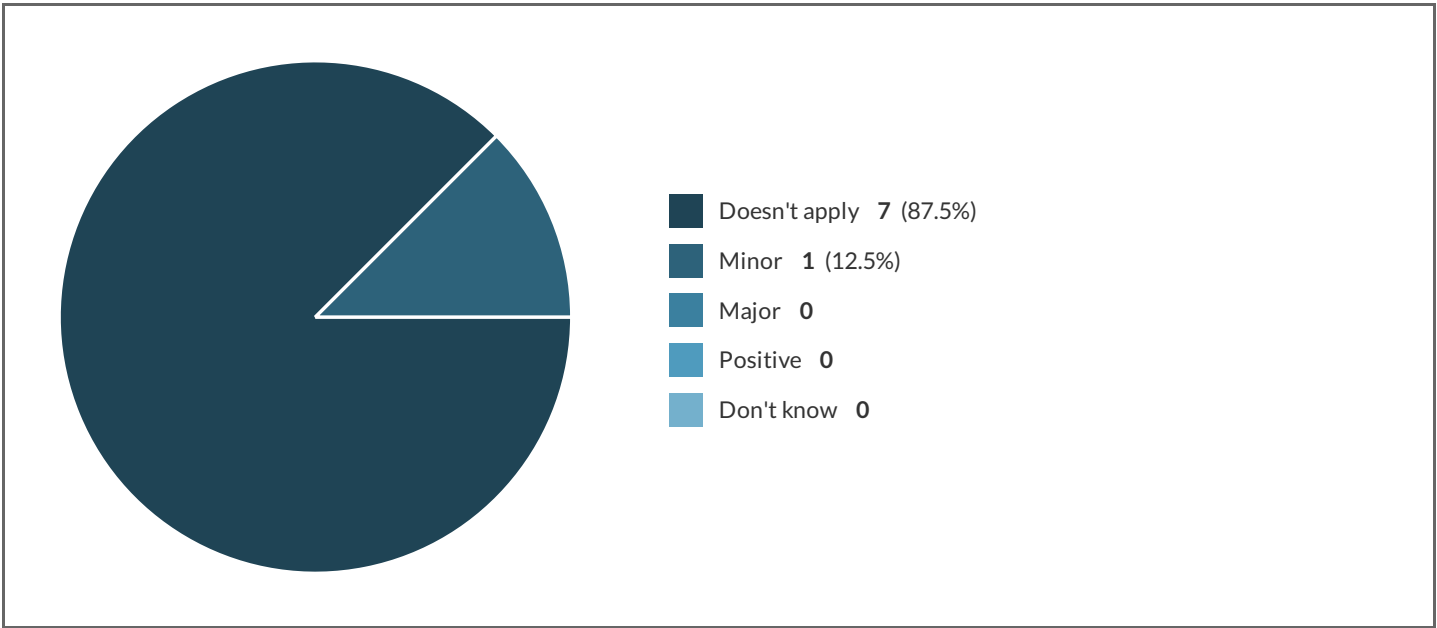


**14.2.b** Makes it less easy to remember - Frequency Cost is Experienced

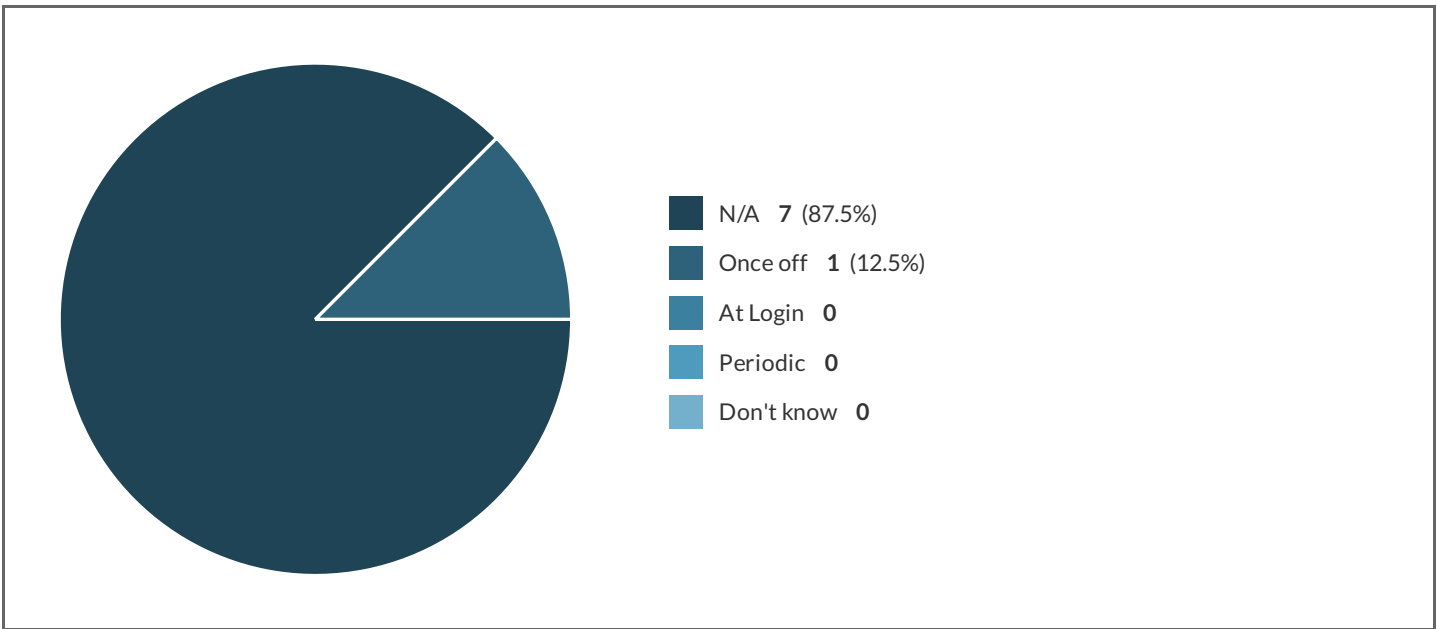


**14.3** Requires extra resources

**14.3.a** Requires extra resources - Severity of Cost

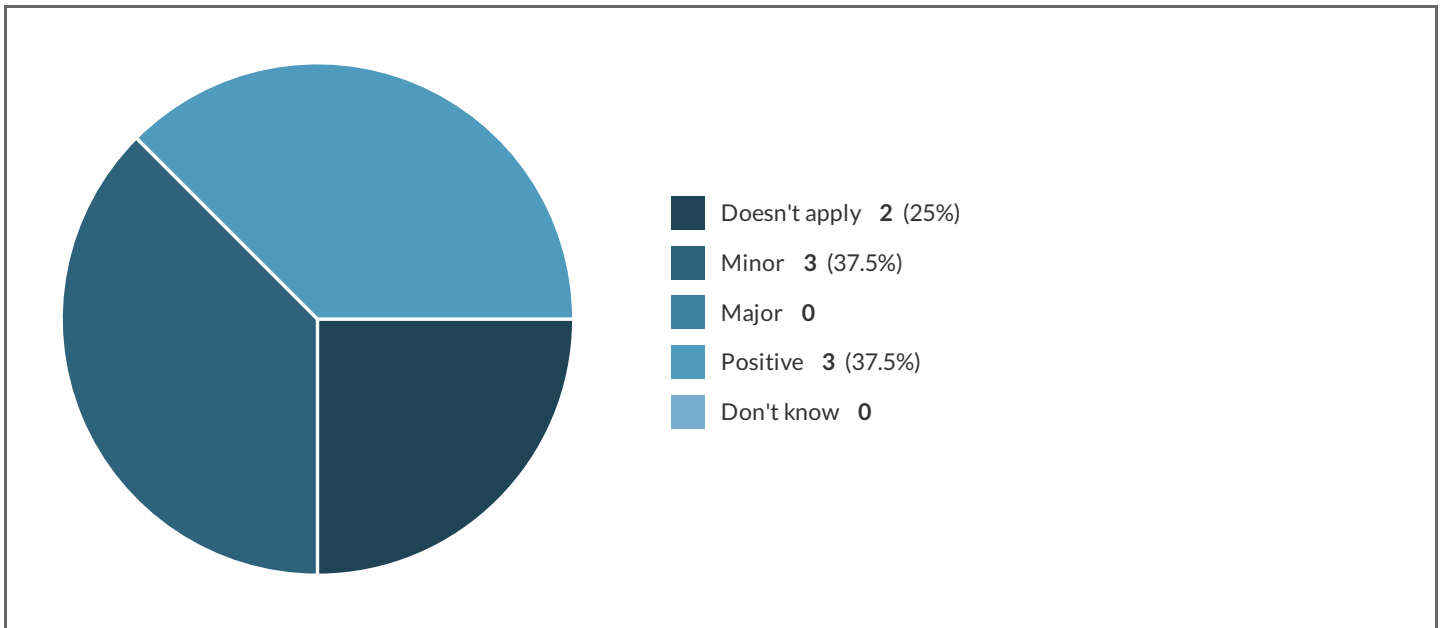


14.3.b Requires extra resources - Frequency Cost is Experienced

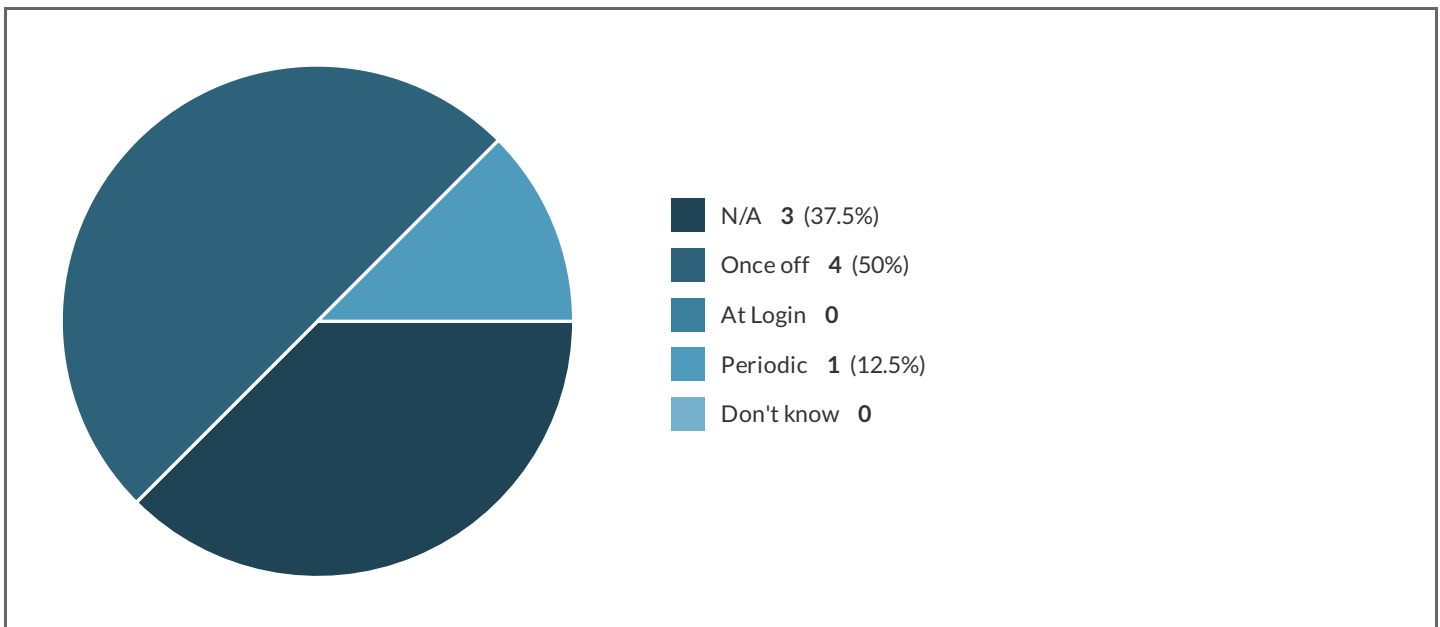


14.4 Requires the creation of a new password

14.4.a Requires the creation of a new password - Severity of Cost

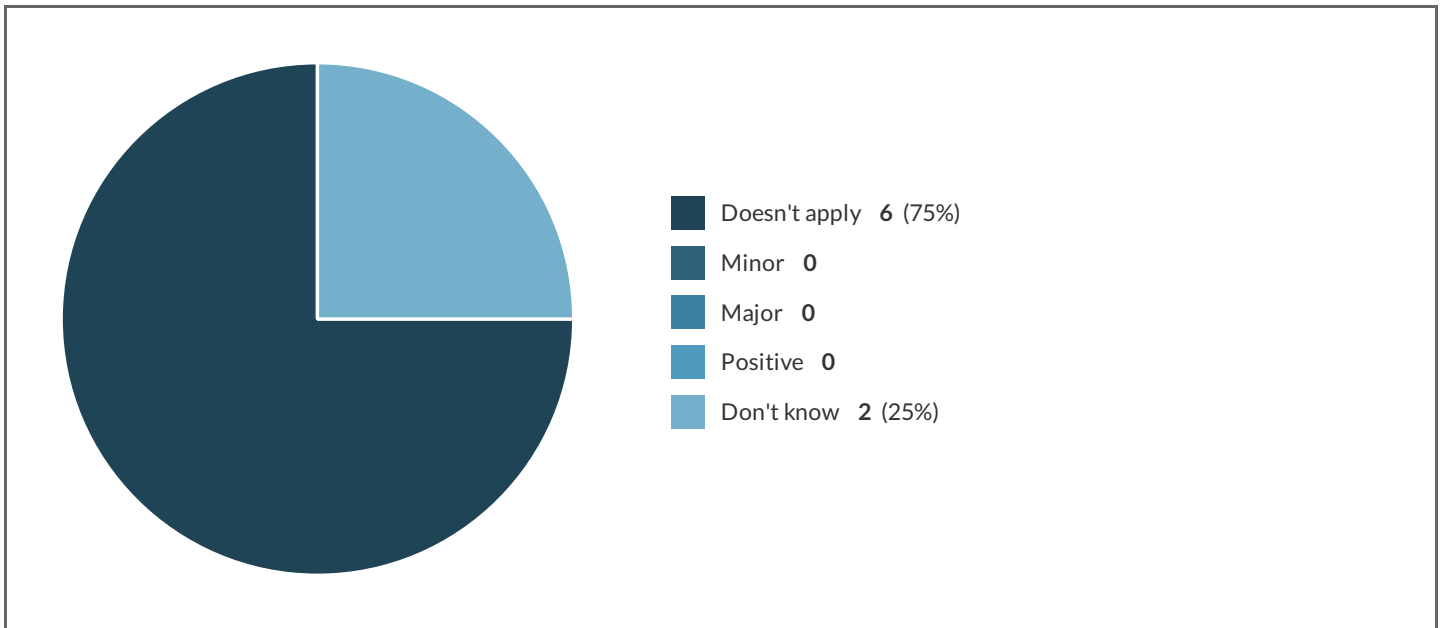


#### 14.4.b Requires the creation of a new password - Frequency Cost is Experienced

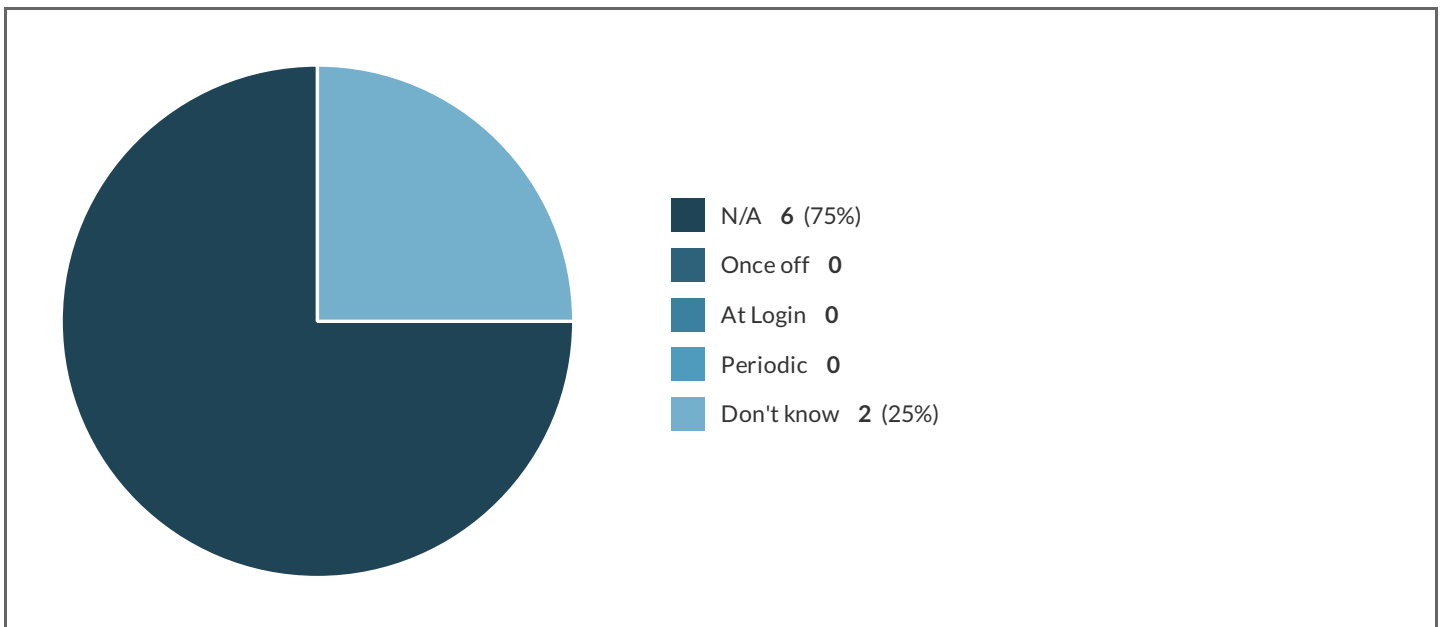


#### 14.5 Increases the computing power needed

##### 14.5.a Increases the computing power needed - Severity of Cost

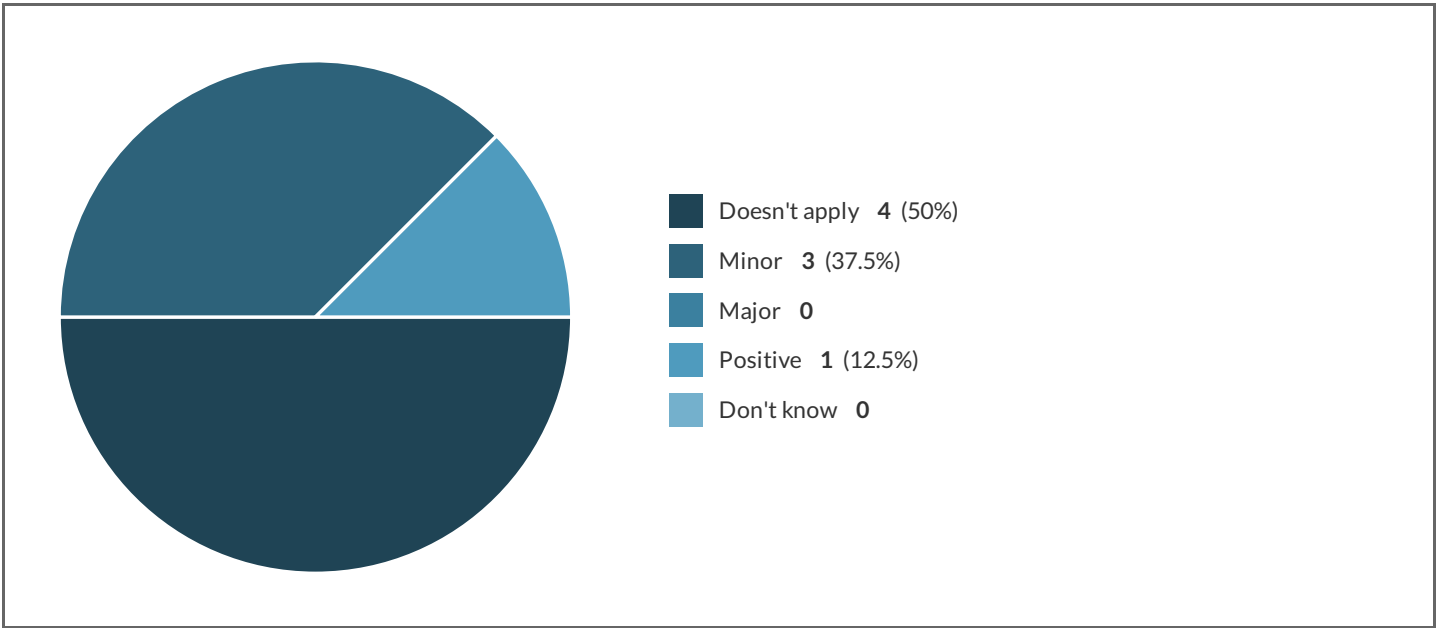


**14.5.b** Increases the computing power needed - Frequency Cost is Experienced

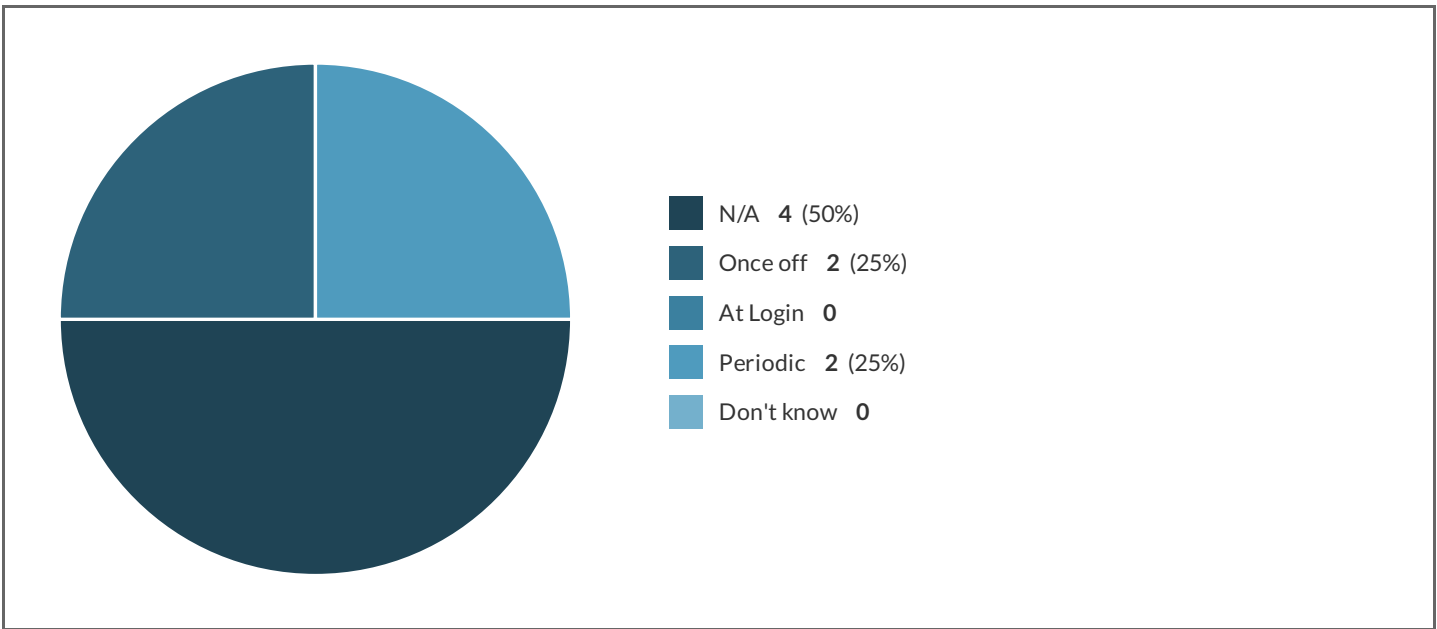


**14.6** Requires other extra time or effort

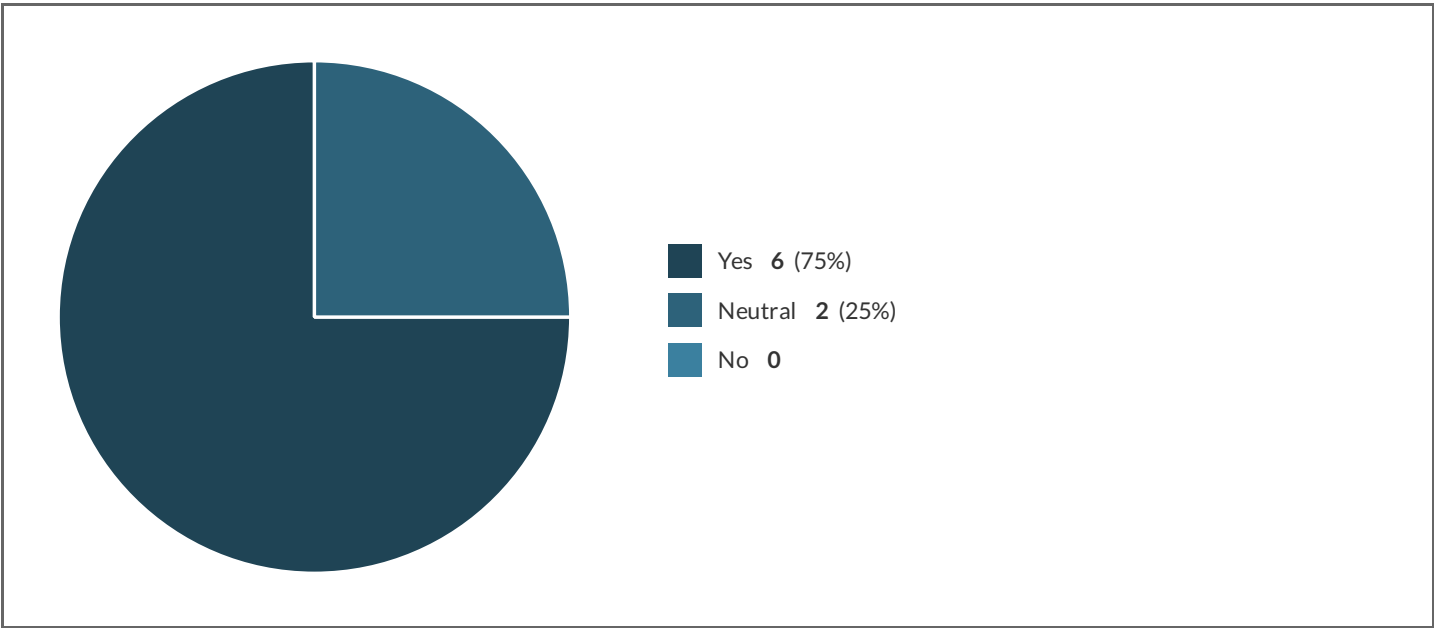
**14.6.a** Requires other extra time or effort - Severity of Cost



14.6.b Requires other extra time or effort - Frequency Cost is Experienced



14.a Do you approve of this advice?



14.b Comments

Showing all 2 responses	
Depends on how bad the default password is.	624487-624478-66086963
Good idea in general, but only effective/reasonable if using a password manager.	624487-624478-66147464

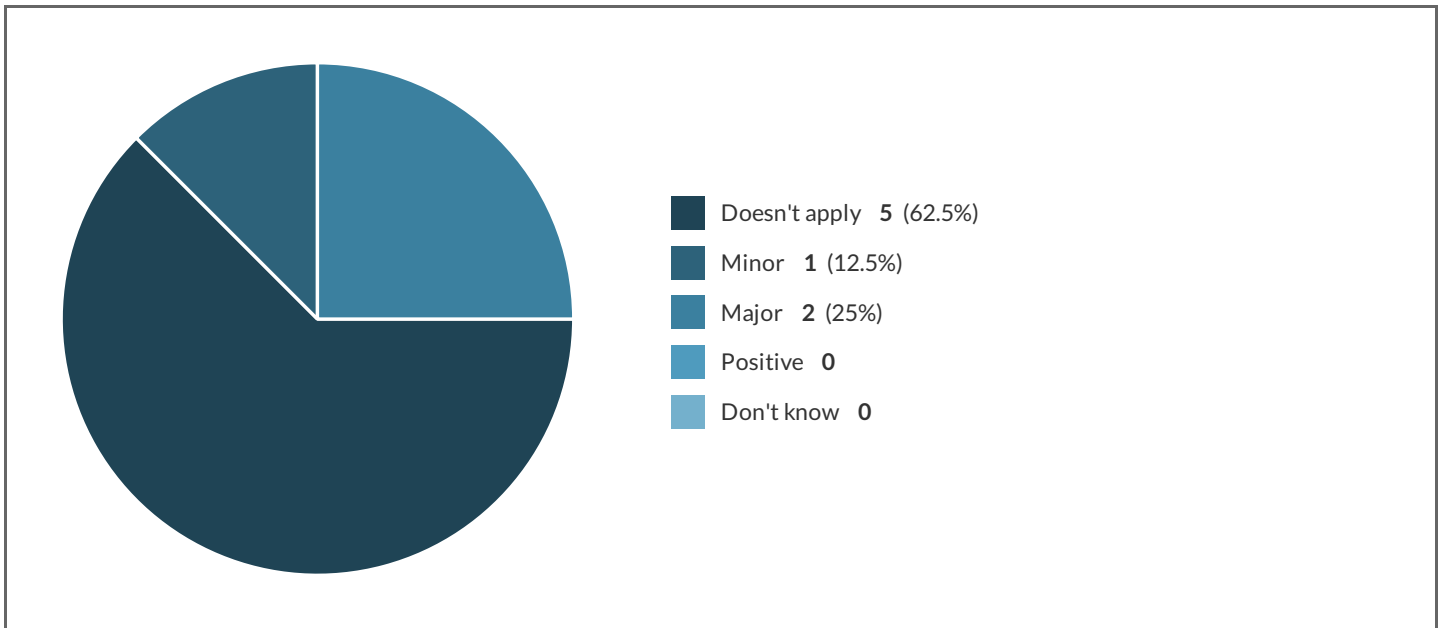
Logging in

15 You should not be able to paste your password when logging in

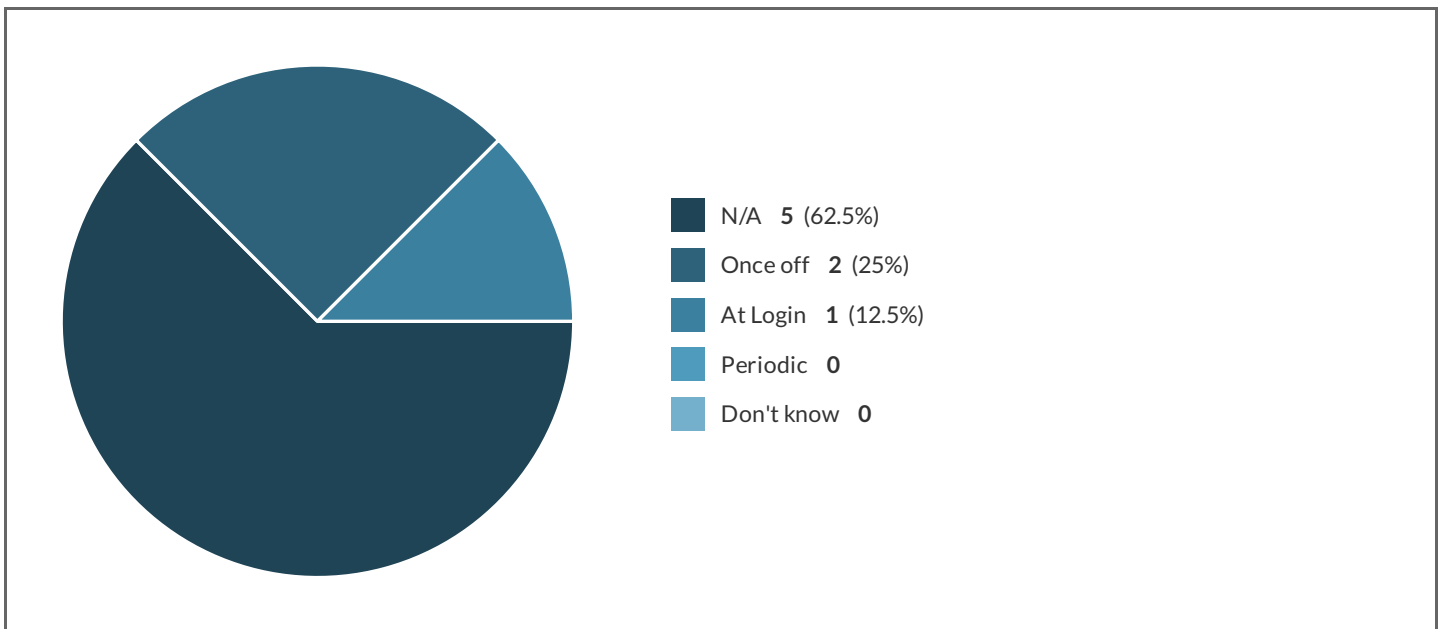
15.1 Makes it more difficult to create a password

15.1.a Makes it more difficult to create a password - Severity of Cost



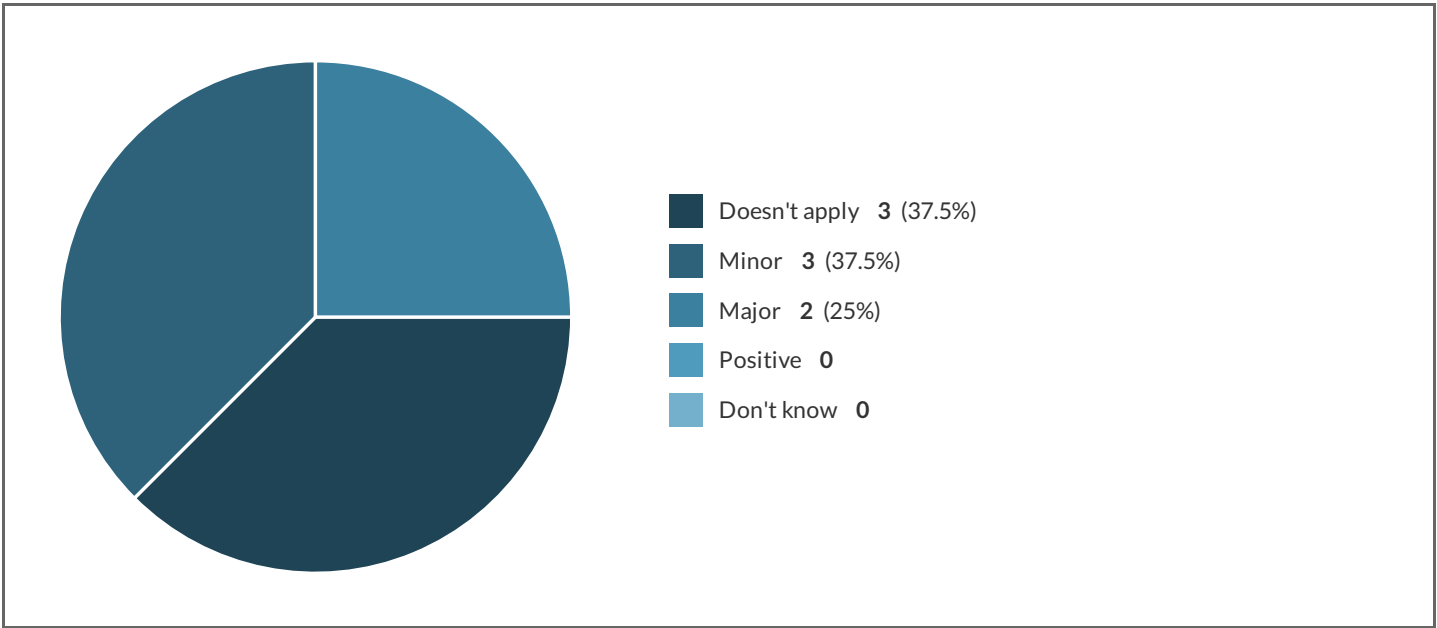


#### 15.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

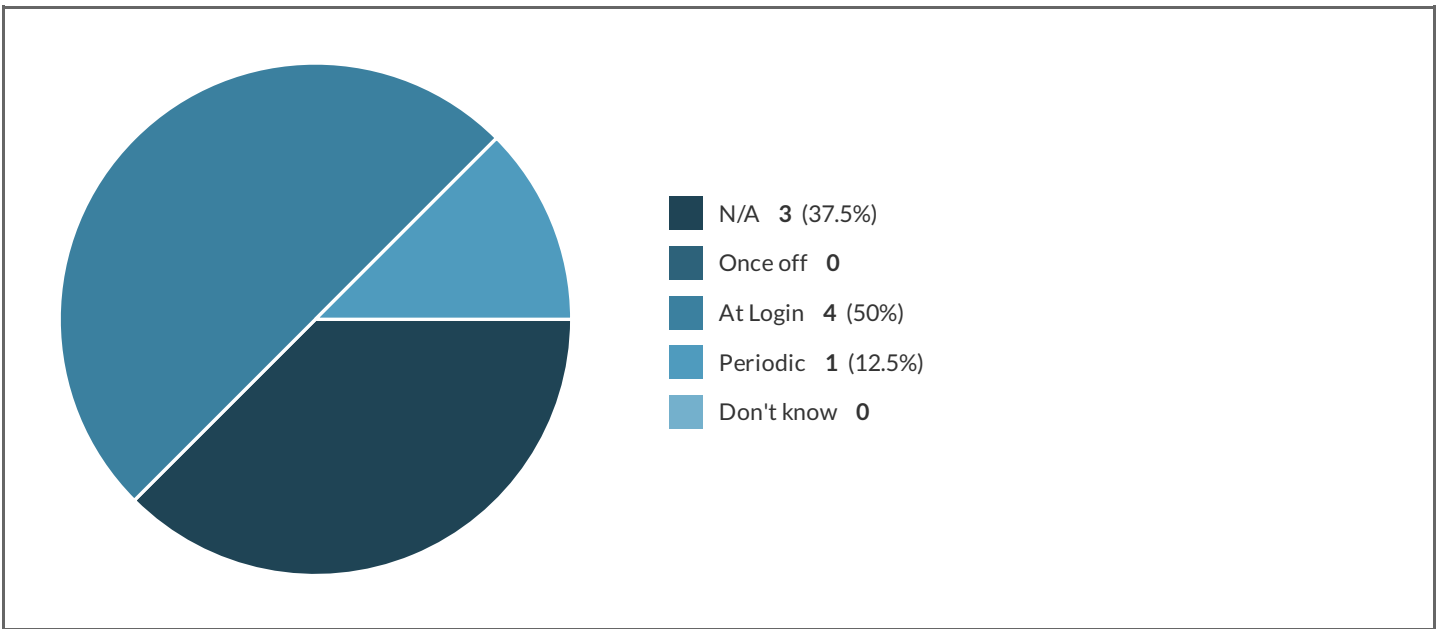


#### 15.2 Makes it less easy to remember

##### 15.2.a Makes it less easy to remember - Severity of Cost

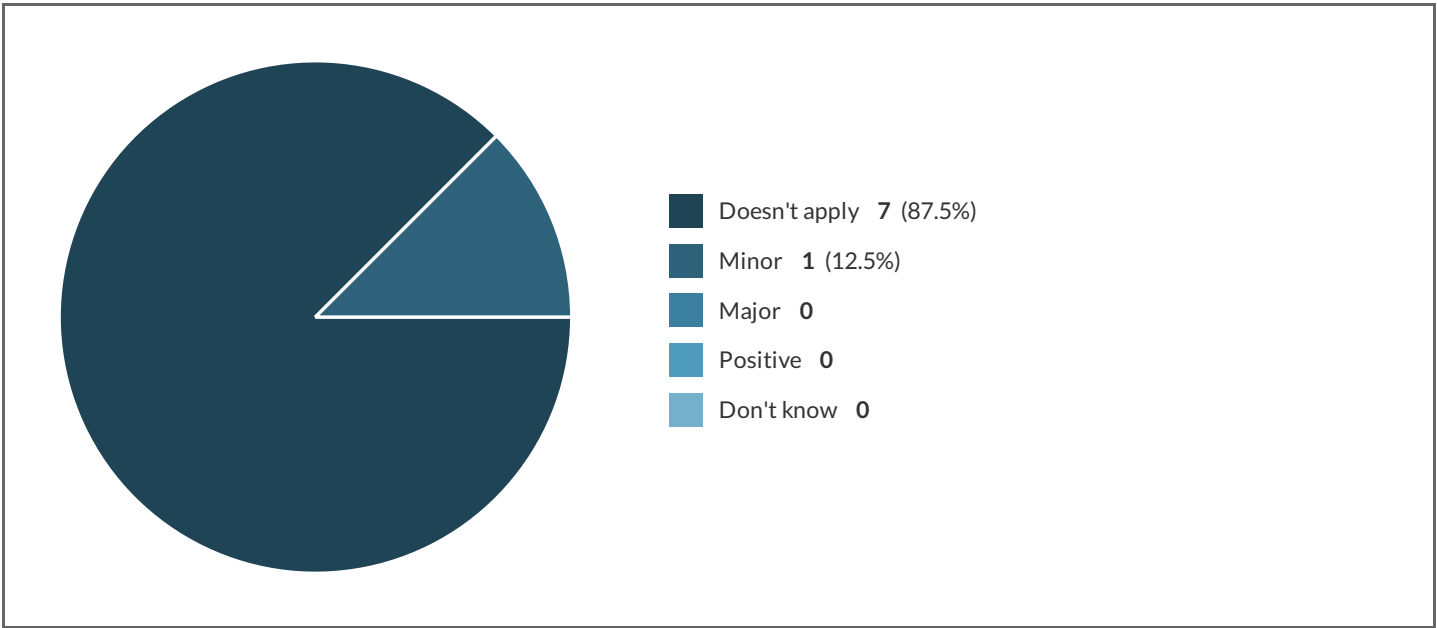


**15.2.b** Makes it less easy to remember - Frequency Cost is Experienced

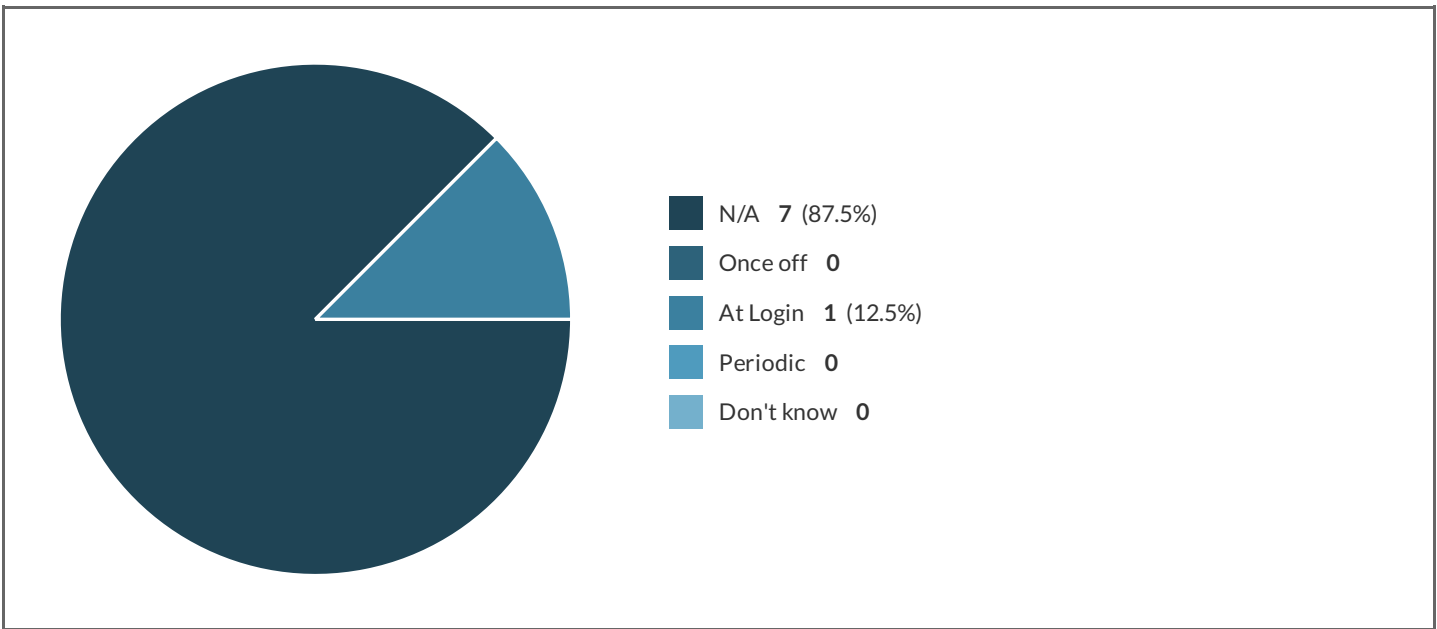


**15.3** Requires extra resources

**15.3.a** Requires extra resources - Severity of Cost

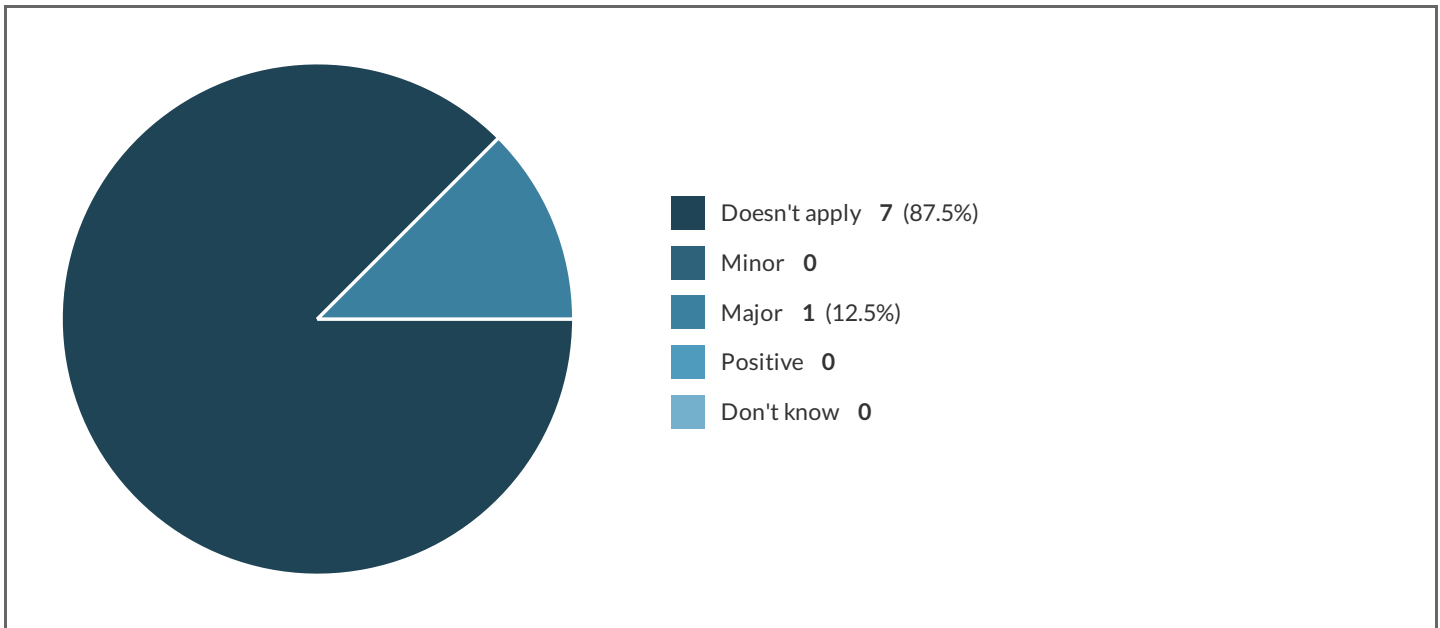


**15.3.b** Requires extra resources - Frequency Cost is Experienced

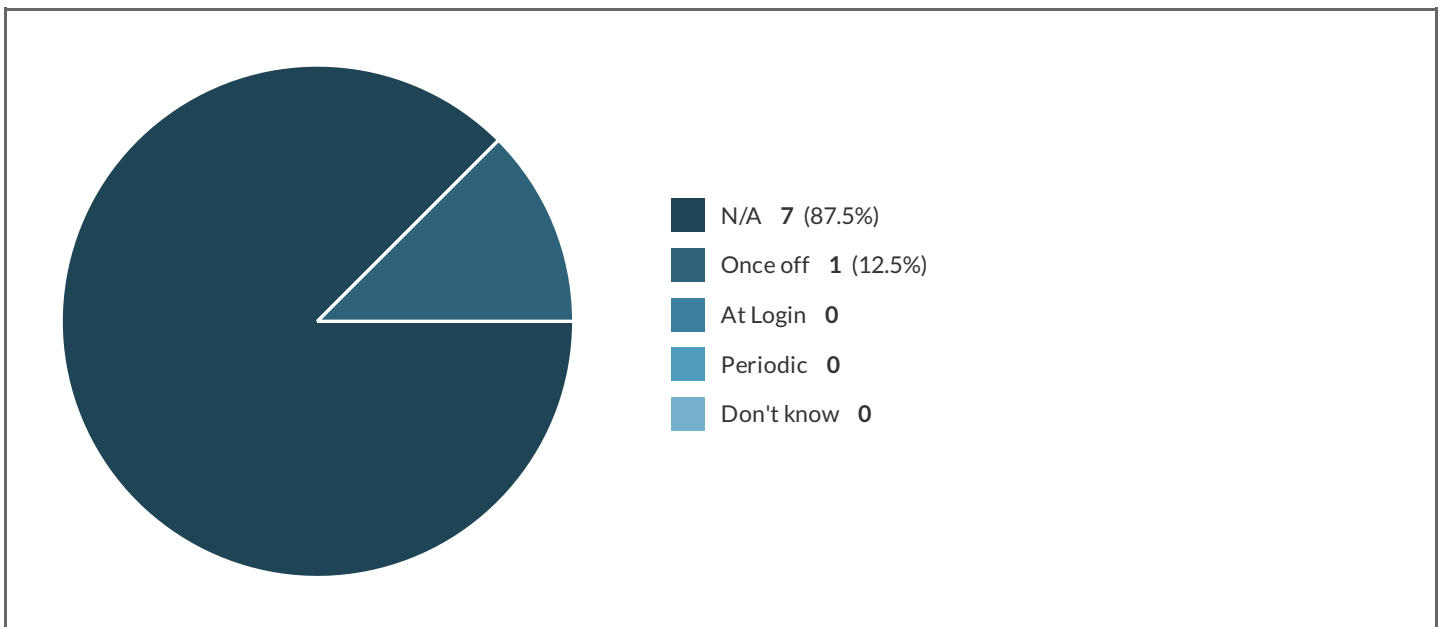


**15.4** Requires the creation of a new password

**15.4.a** Requires the creation of a new password - Severity of Cost

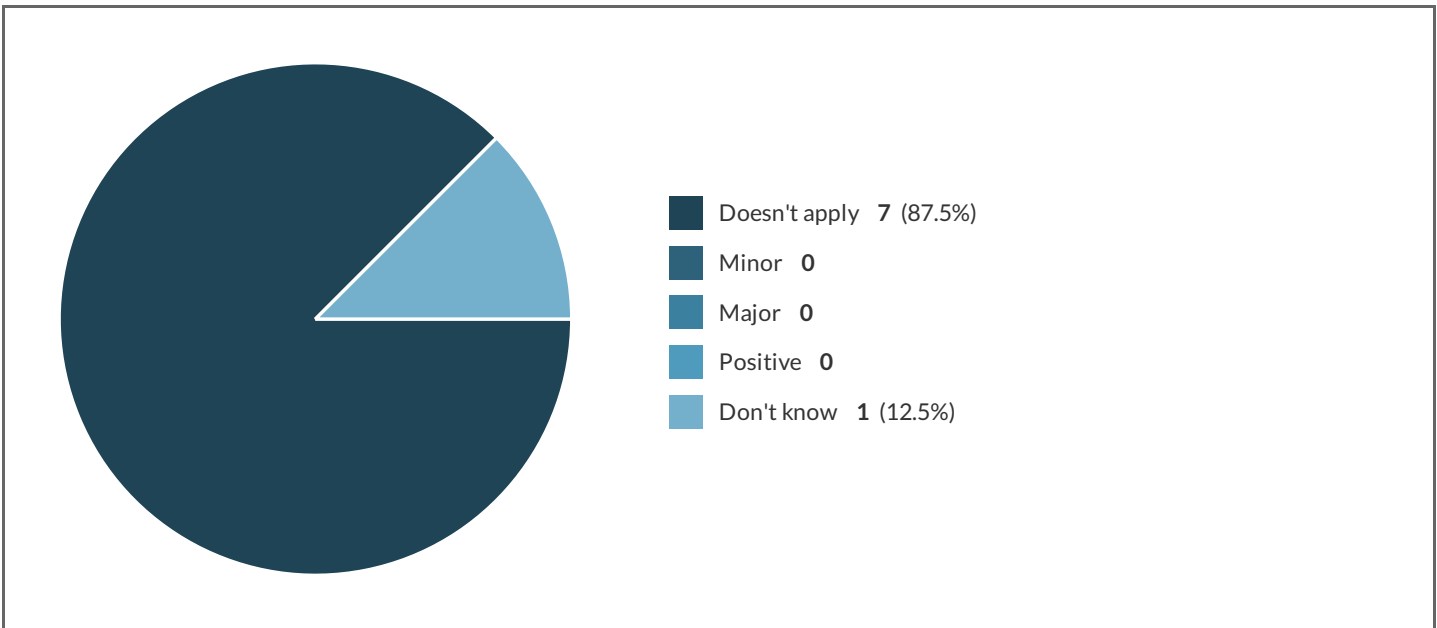


**15.4.b** Requires the creation of a new password - Frequency Cost is Experienced

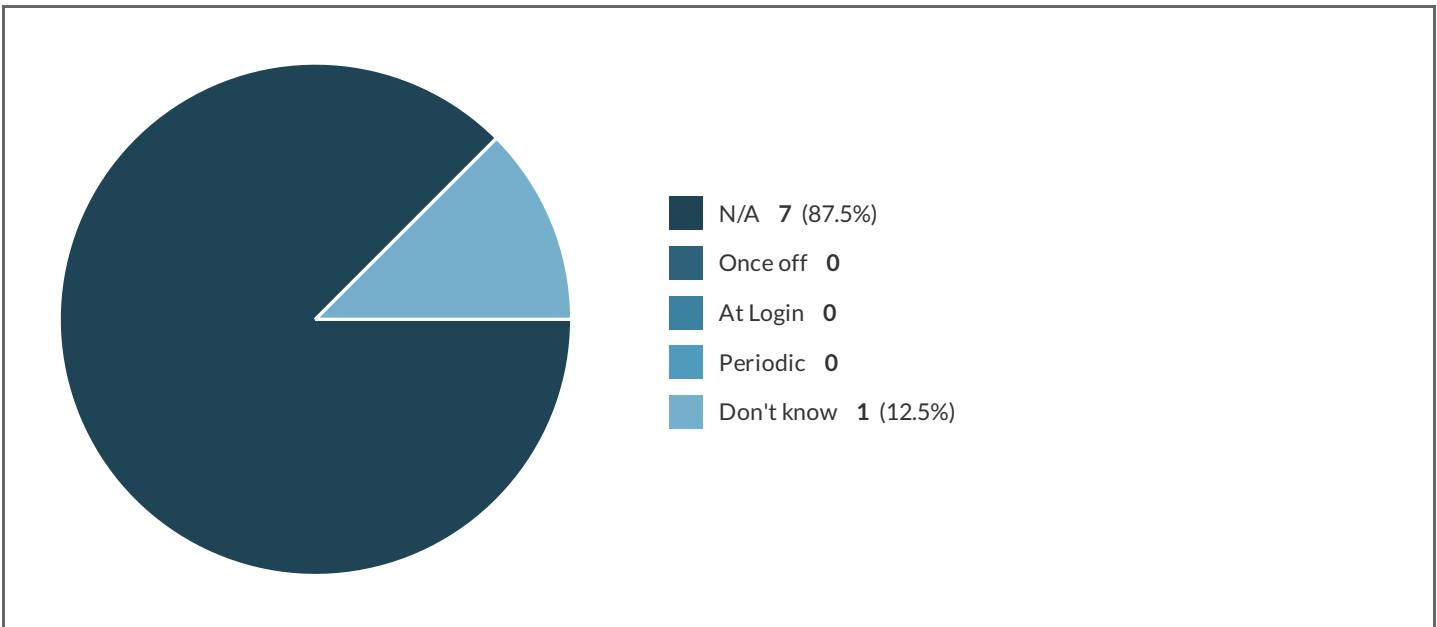


**15.5** Increases the computing power needed

**15.5.a** Increases the computing power needed - Severity of Cost

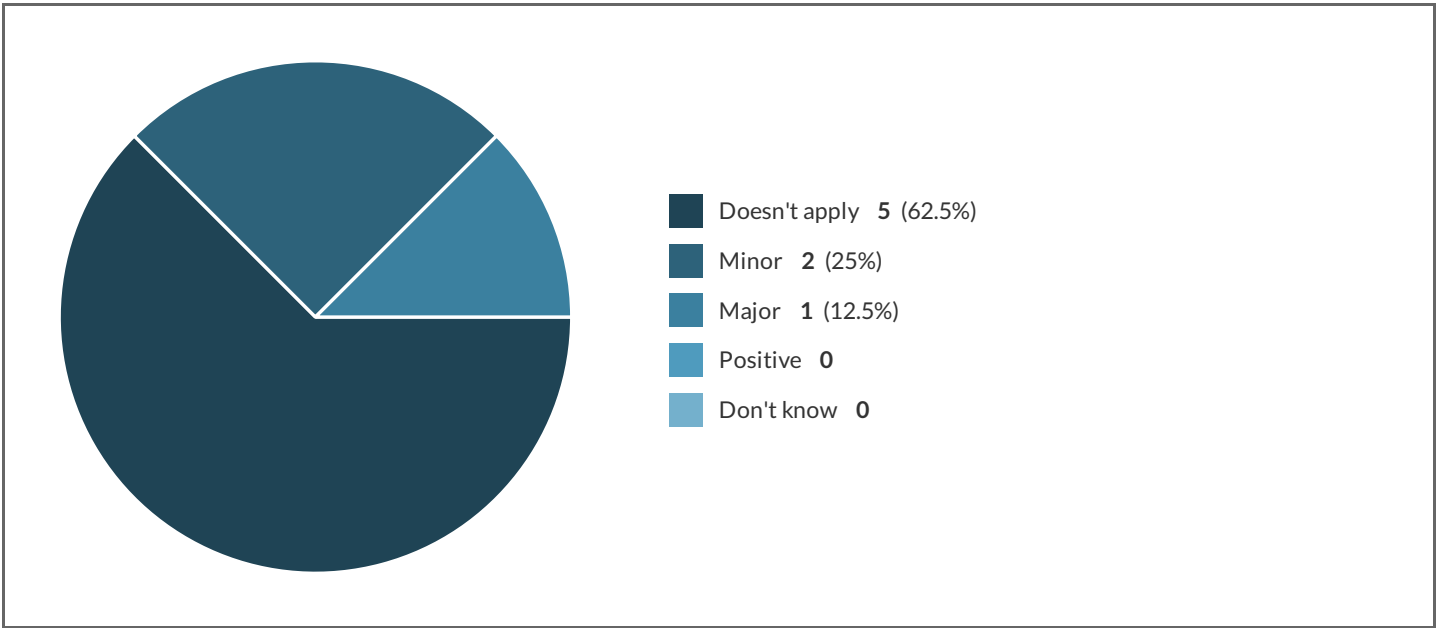


**15.5.b** Increases the computing power needed - Frequency Cost is Experienced

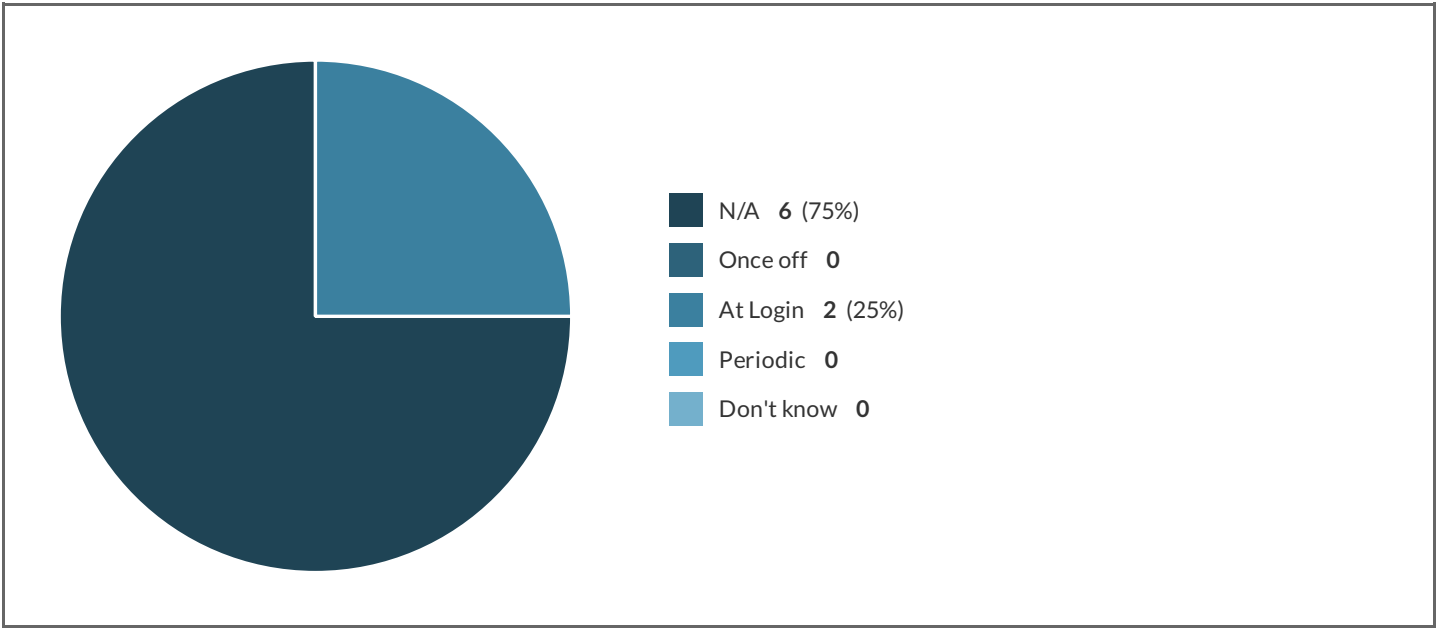


**15.6** Requires other extra time or effort

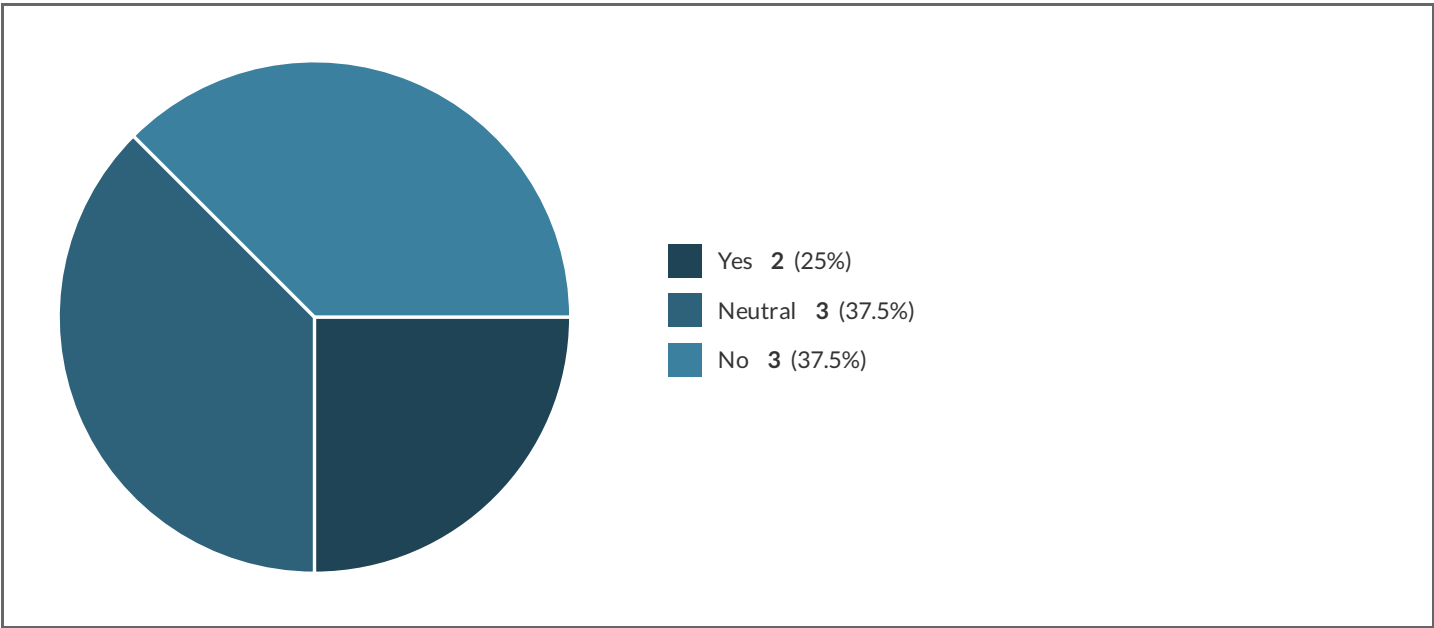
**15.6.a** Requires other extra time or effort - Severity of Cost



15.6.b Requires other extra time or effort - Frequency Cost is Experienced



15.a Do you approve of this advice?



15.b Comments

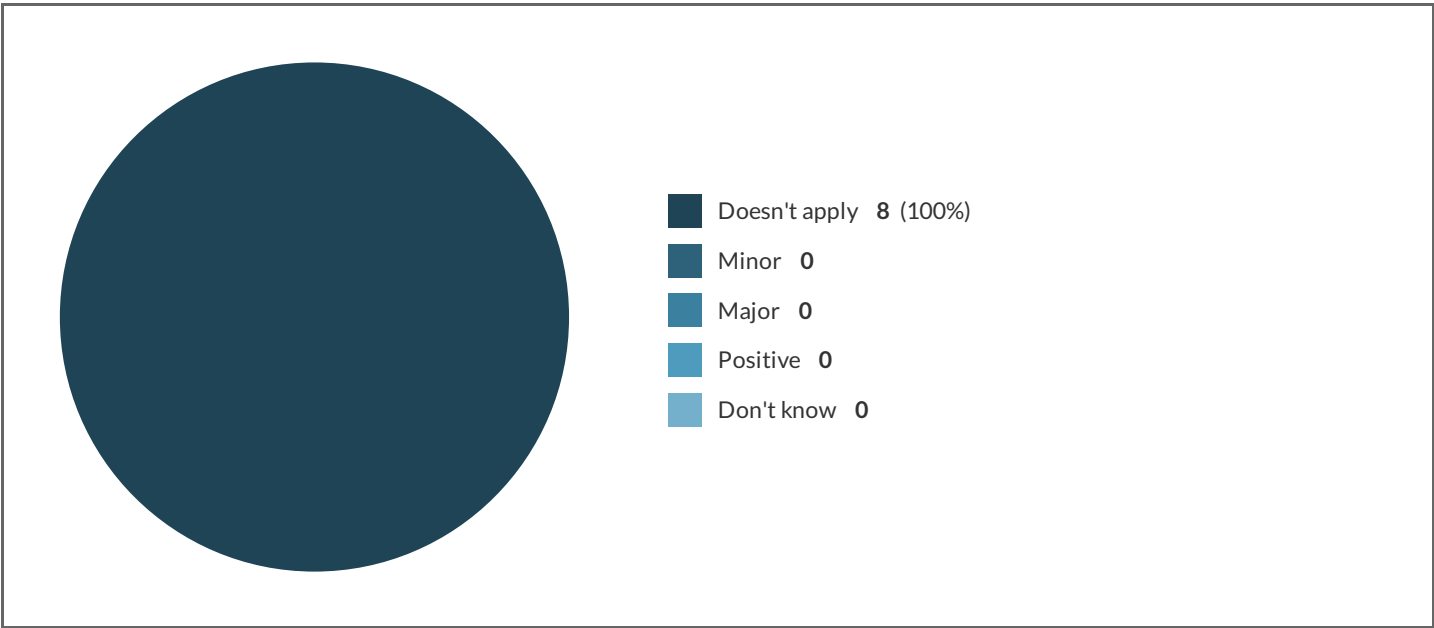
Showing all 2 responses	
If someone is trying to copy/paste a password, they're probably beyond help. They can just type it in. You're just making life harder for competent users who use password managers.	624487-624478-66086963
Terrible, outdated idea. User becomes frustrated and loses interest in site. Should allow pasting from password managers.	624487-624478-66147464

Username

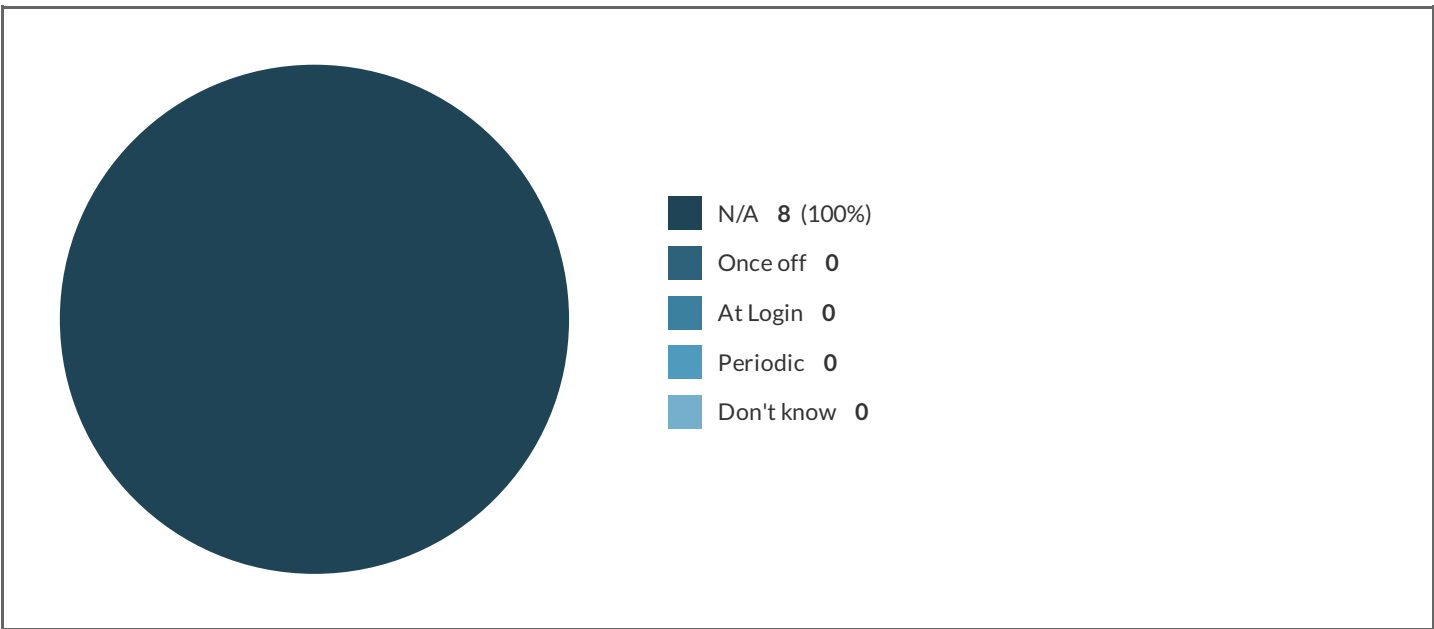
16 Your username should include specific character types (e.g. contain a minimum of 3 letters and 3 numbers)

16.1 Makes it more difficult to create a password

16.1.a Makes it more difficult to create a password - Severity of Cost



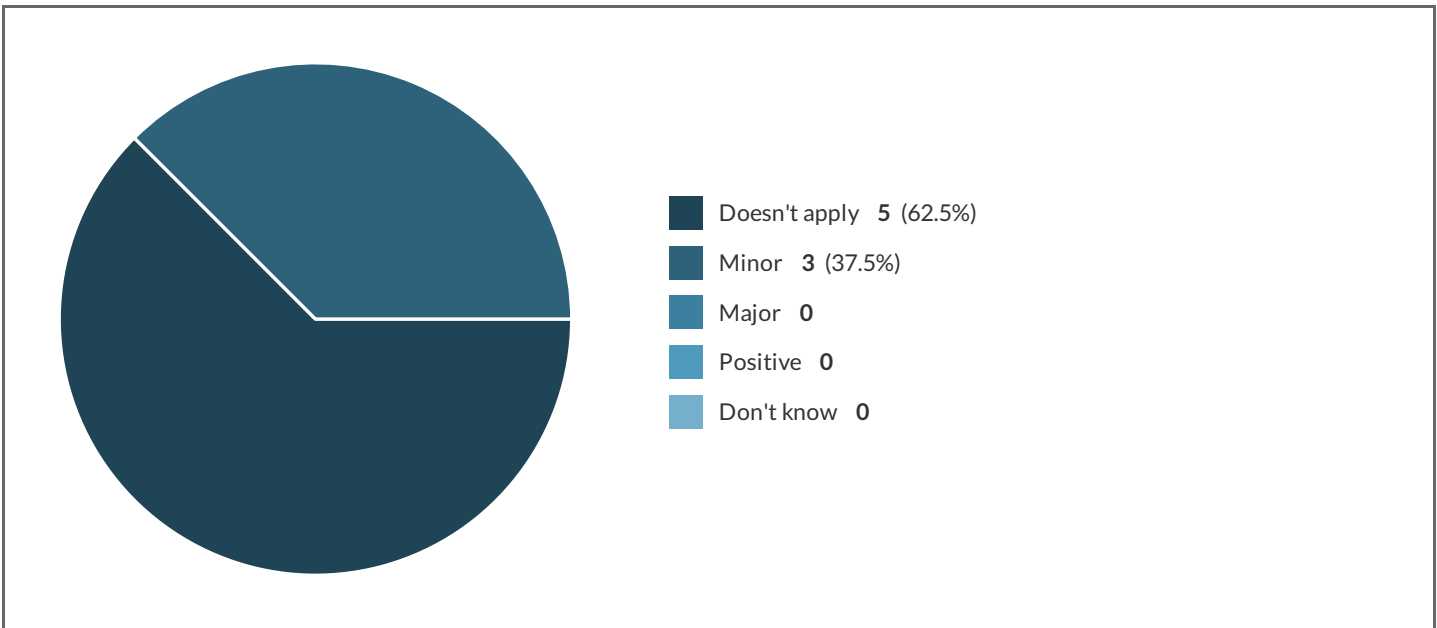
**16.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced



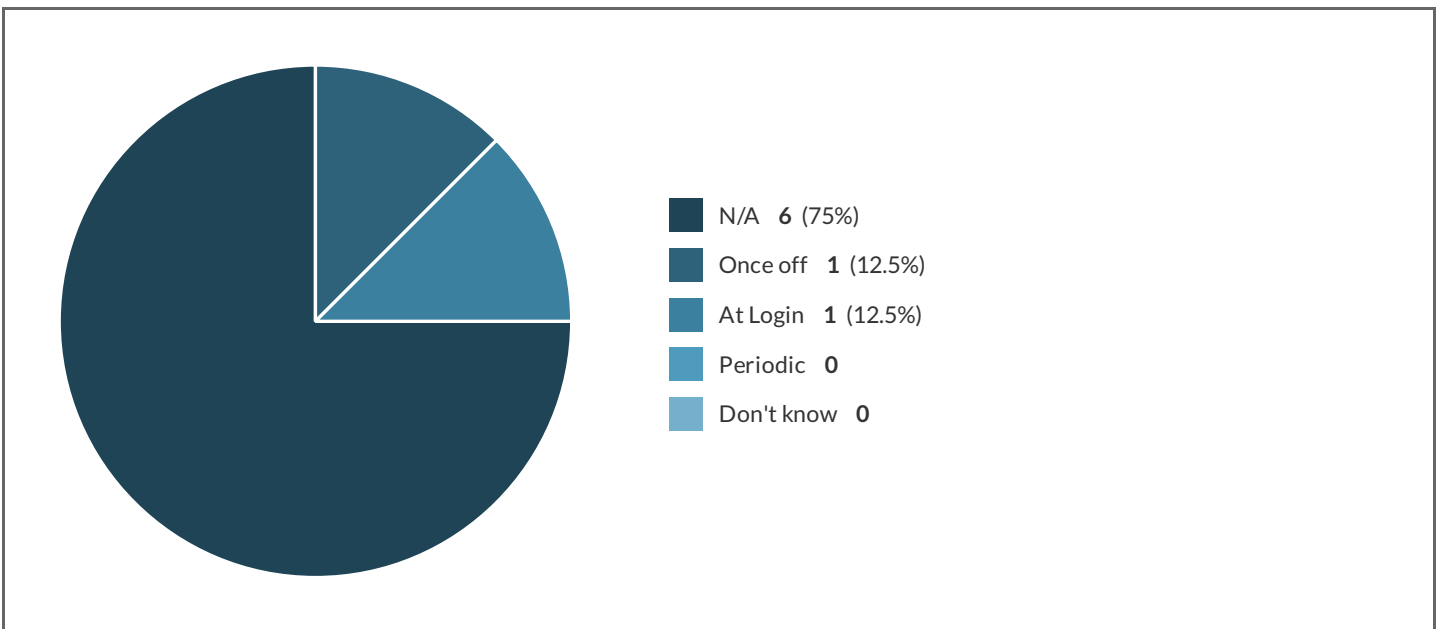
**16.2** Makes it less easy to remember

**16.2.a** Makes it less easy to remember - Severity of Cost



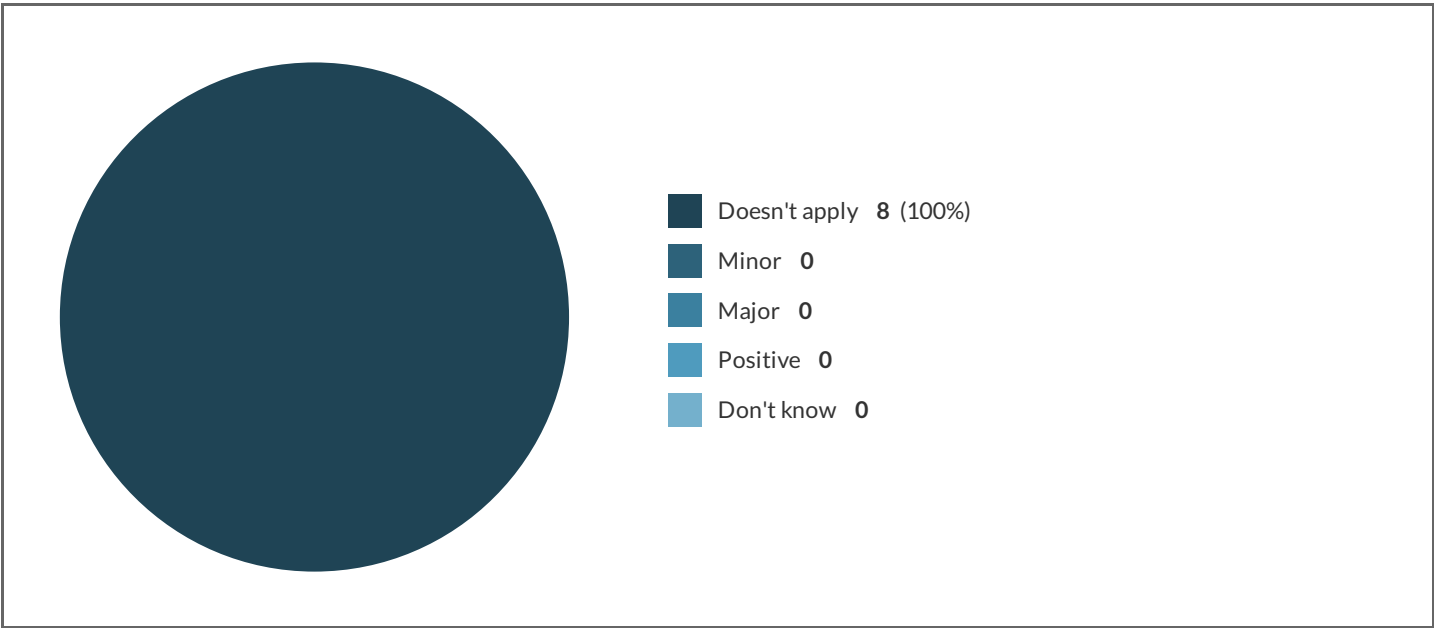


**16.2.b** Makes it less easy to remember - Frequency Cost is Experienced

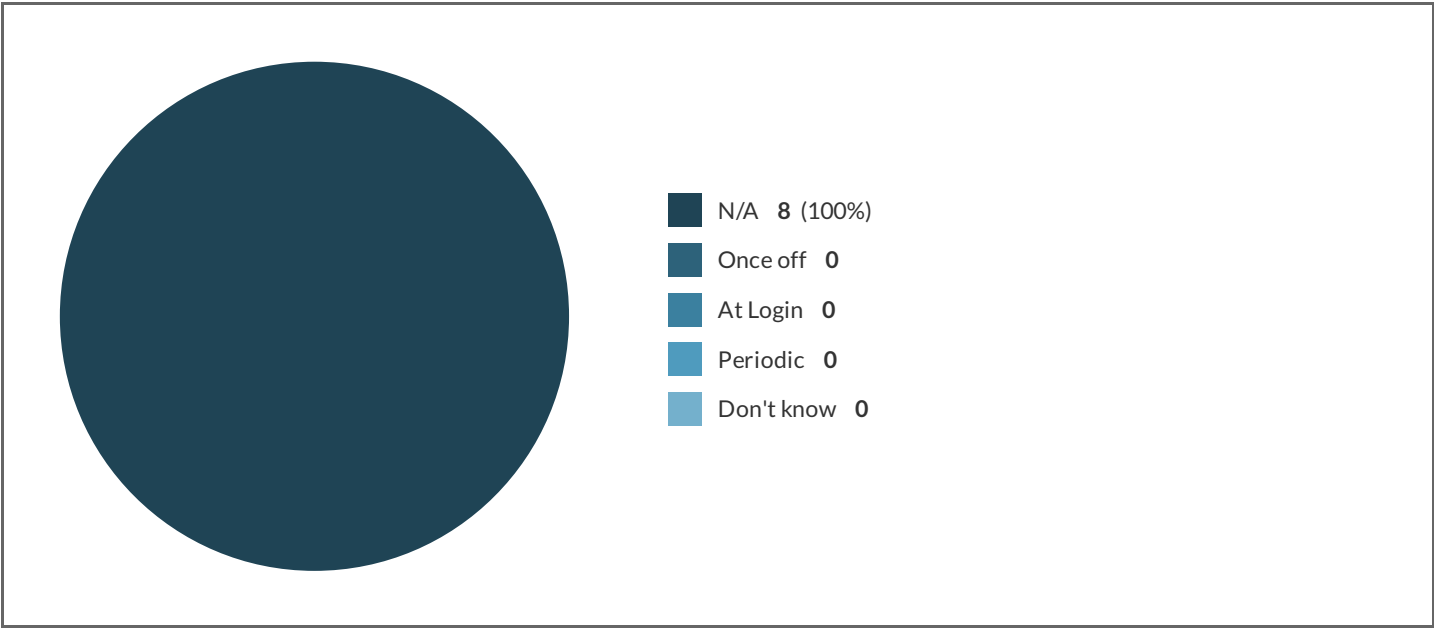


**16.3** Requires extra resources

**16.3.a** Requires extra resources - Severity of Cost

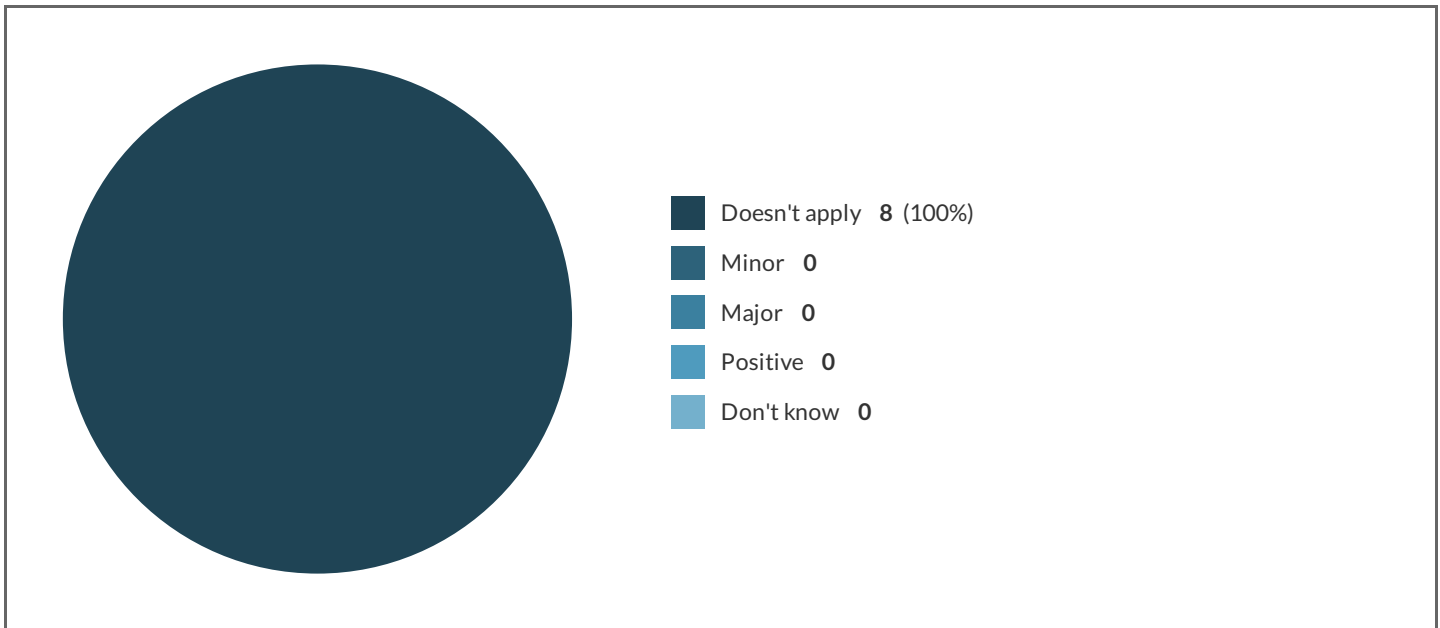


16.3.b Requires extra resources - Frequency Cost is Experienced

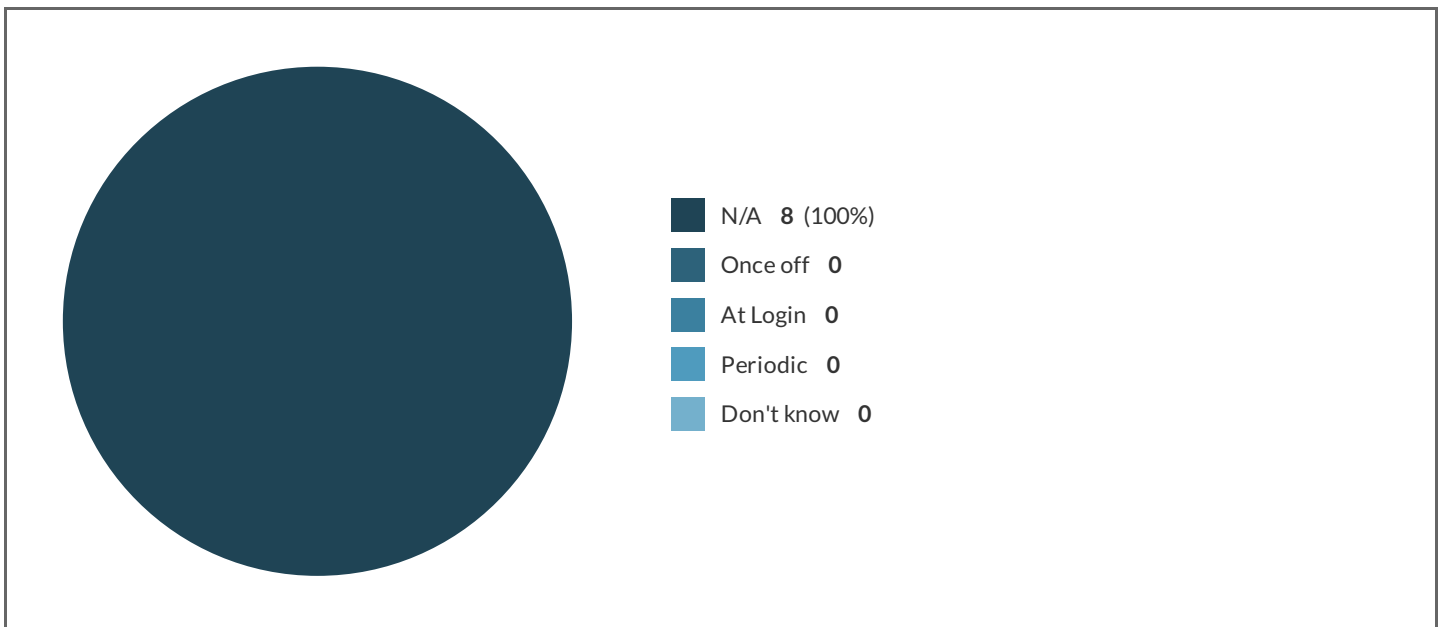


16.4 Requires the creation of a new password

16.4.a Requires the creation of a new password - Severity of Cost

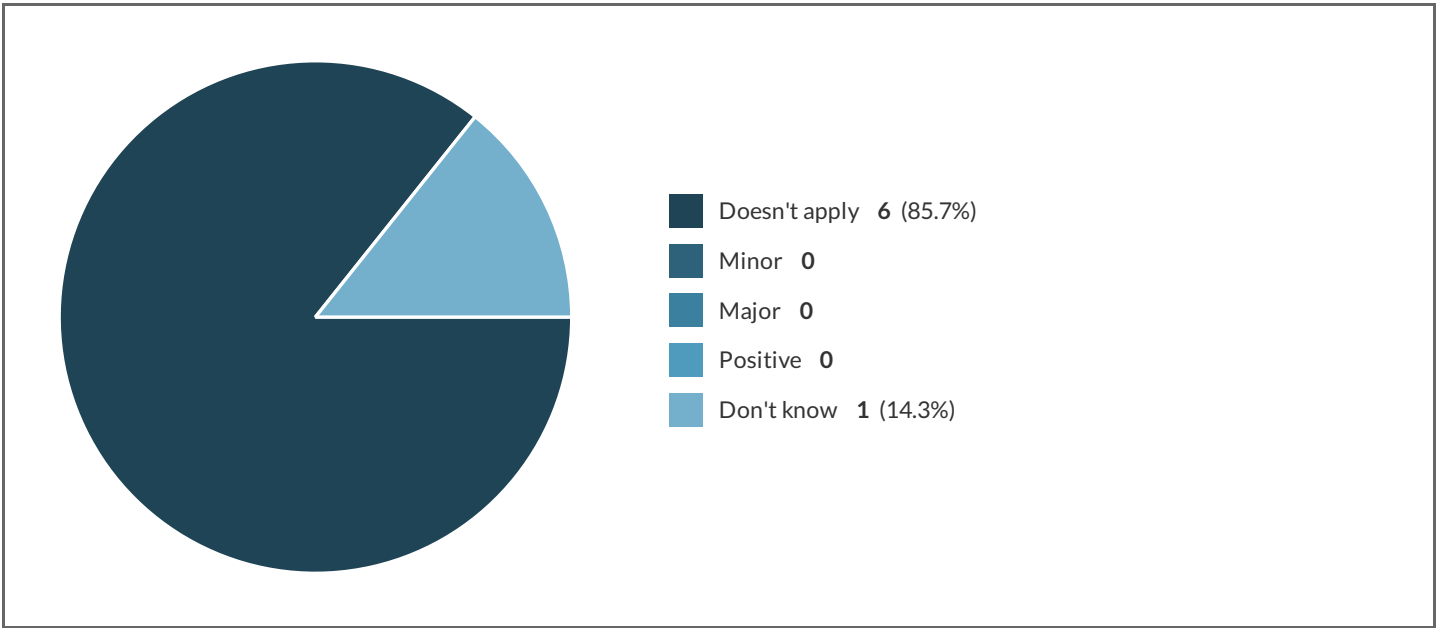


**16.4.b** Requires the creation of a new password - Frequency Cost is Experienced

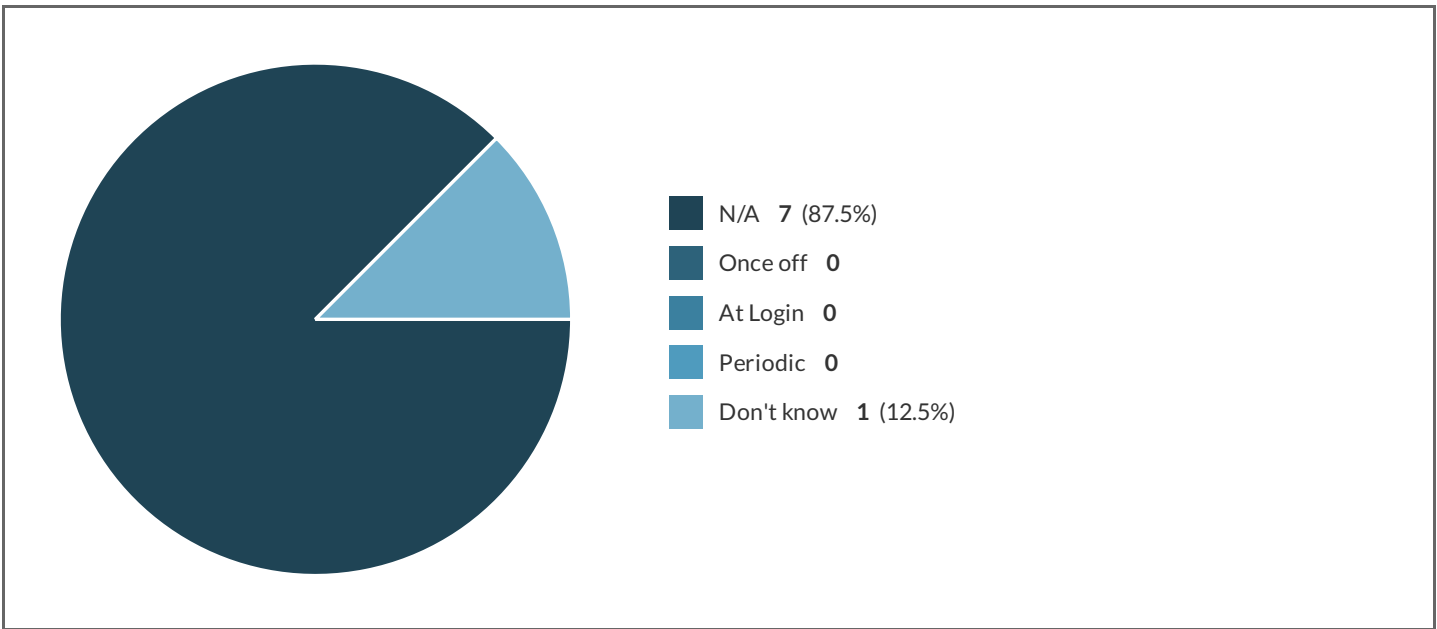


**16.5** Increases the computing power needed

**16.5.a** Increases the computing power needed - Severity of Cost

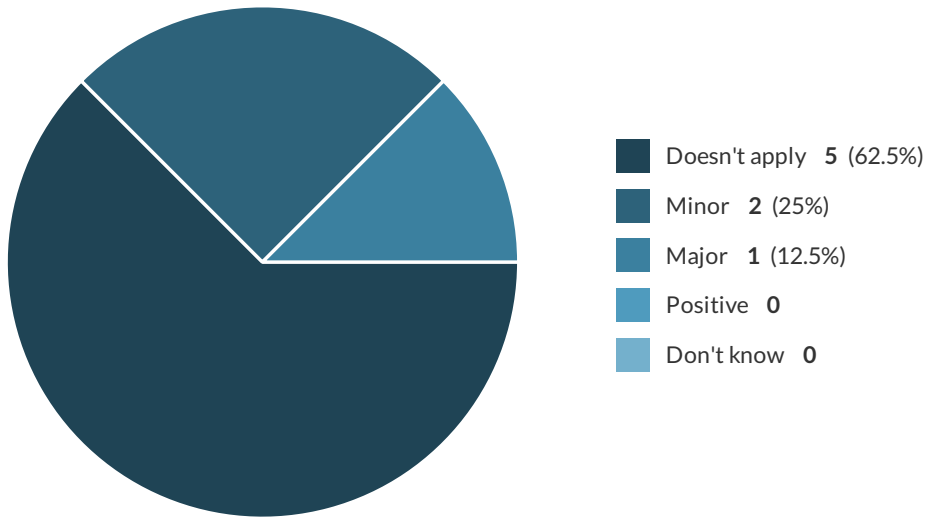


**16.5.b** Increases the computing power needed - Frequency Cost is Experienced

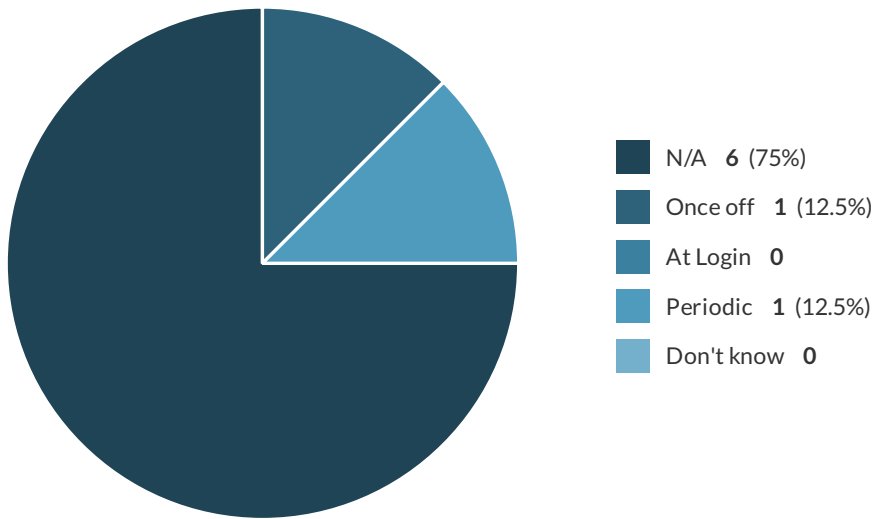


**16.6** Requires other extra time or effort

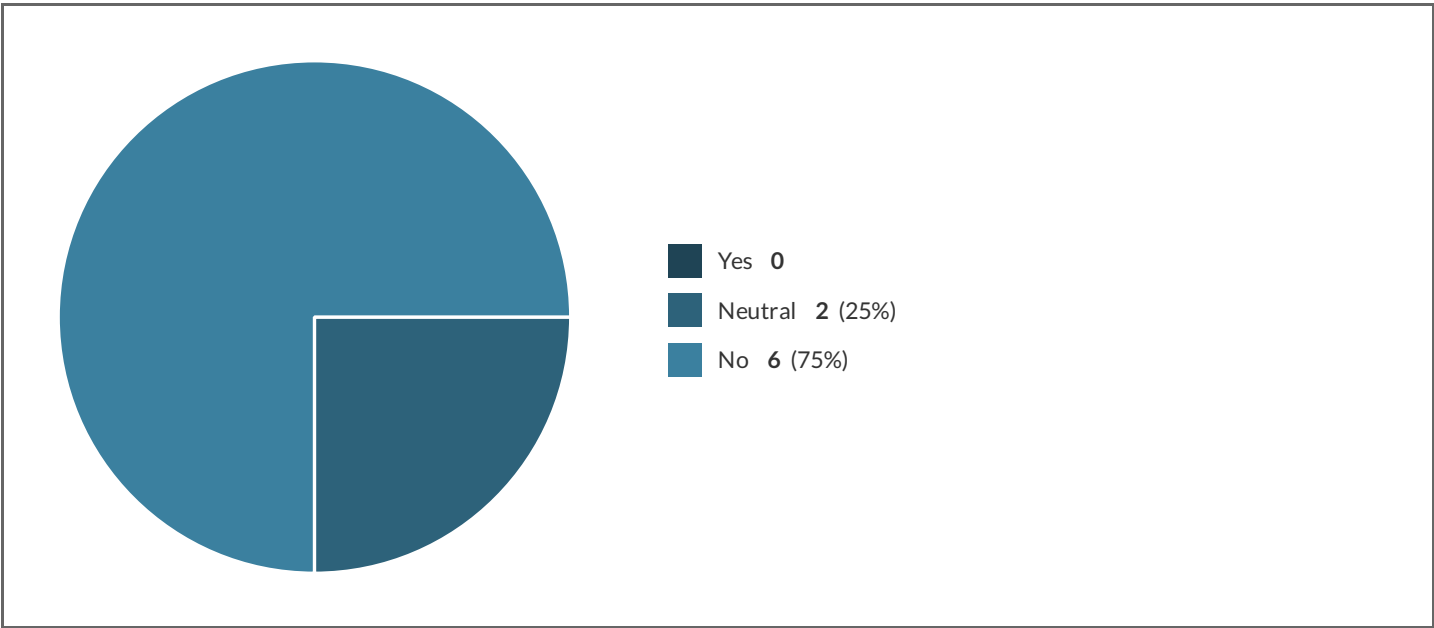
**16.6.a** Requires other extra time or effort - Severity of Cost



16.6.b Requires other extra time or effort - Frequency Cost is Experienced



16.a Do you approve of this advice?



16.b Comments

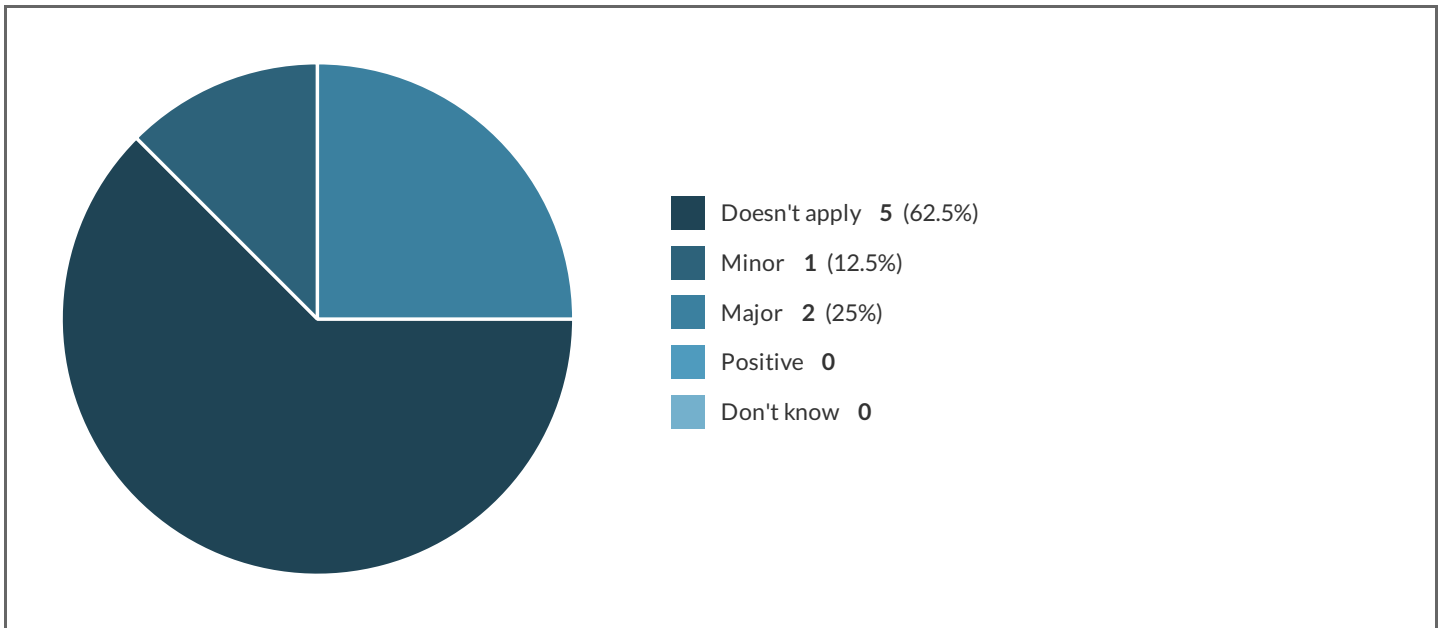
Showing all 2 responses	
Stupid and pointless.	624487-624478-66086963
Can't see a good reason for this, but with a password manager it wouldn't be too painful.	624487-624478-66147464

Two factor authentication

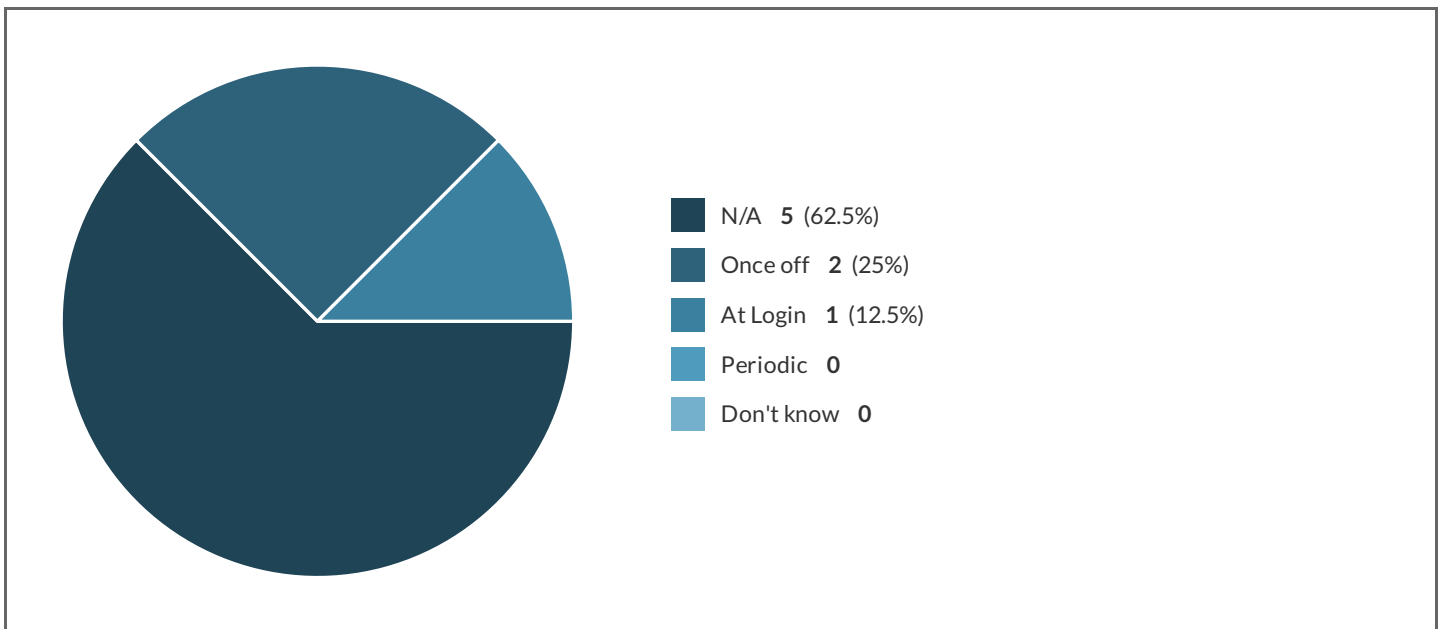
17 You should use 2-factor authentication when logging into accounts (e.g. enter an additional code from an app, text or a special device)

17.1 Makes it more difficult to create a password

17.1.a Makes it more difficult to create a password - Severity of Cost

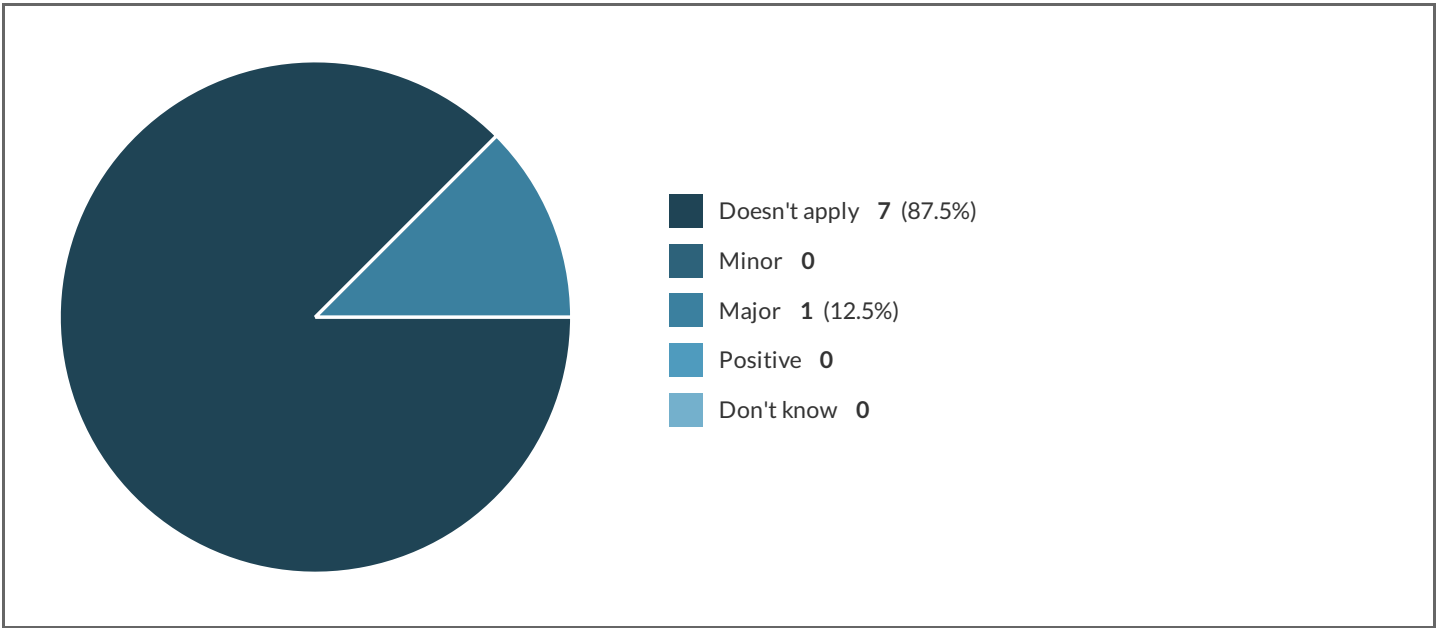


**17.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced

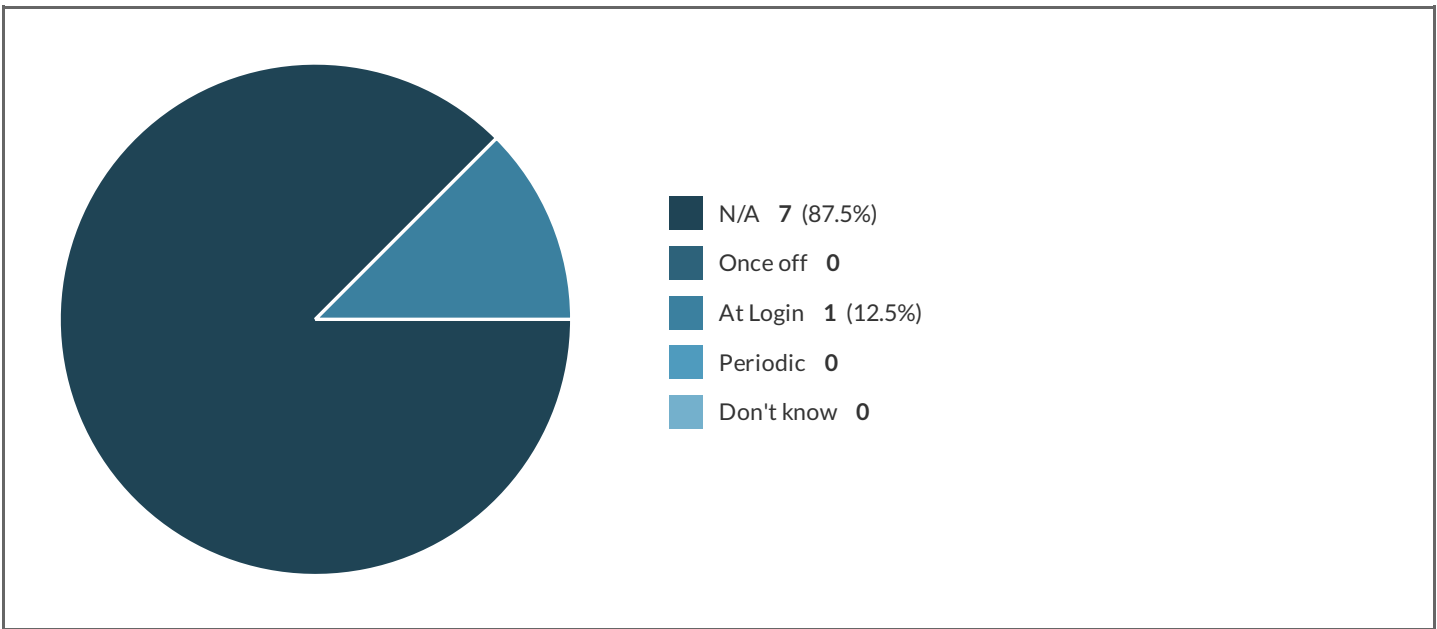


**17.2** Makes it less easy to remember

**17.2.a** Makes it less easy to remember - Severity of Cost



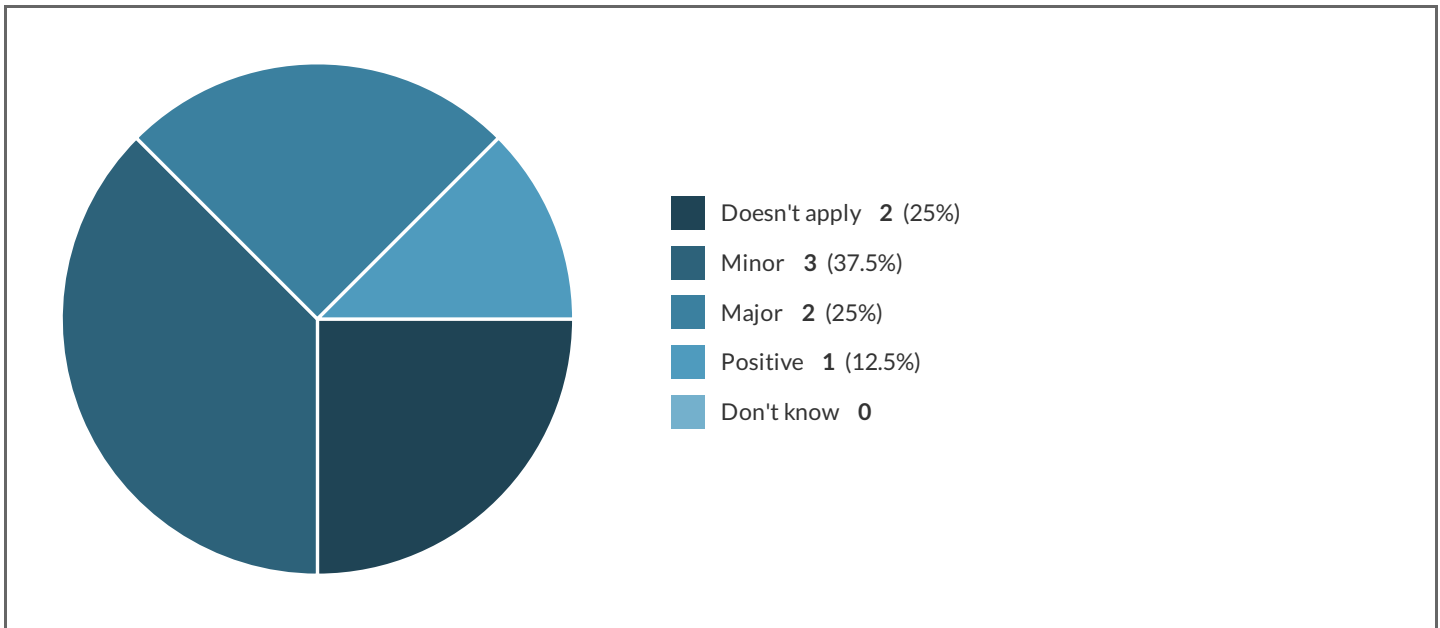
17.2.b Makes it less easy to remember - Frequency Cost is Experienced



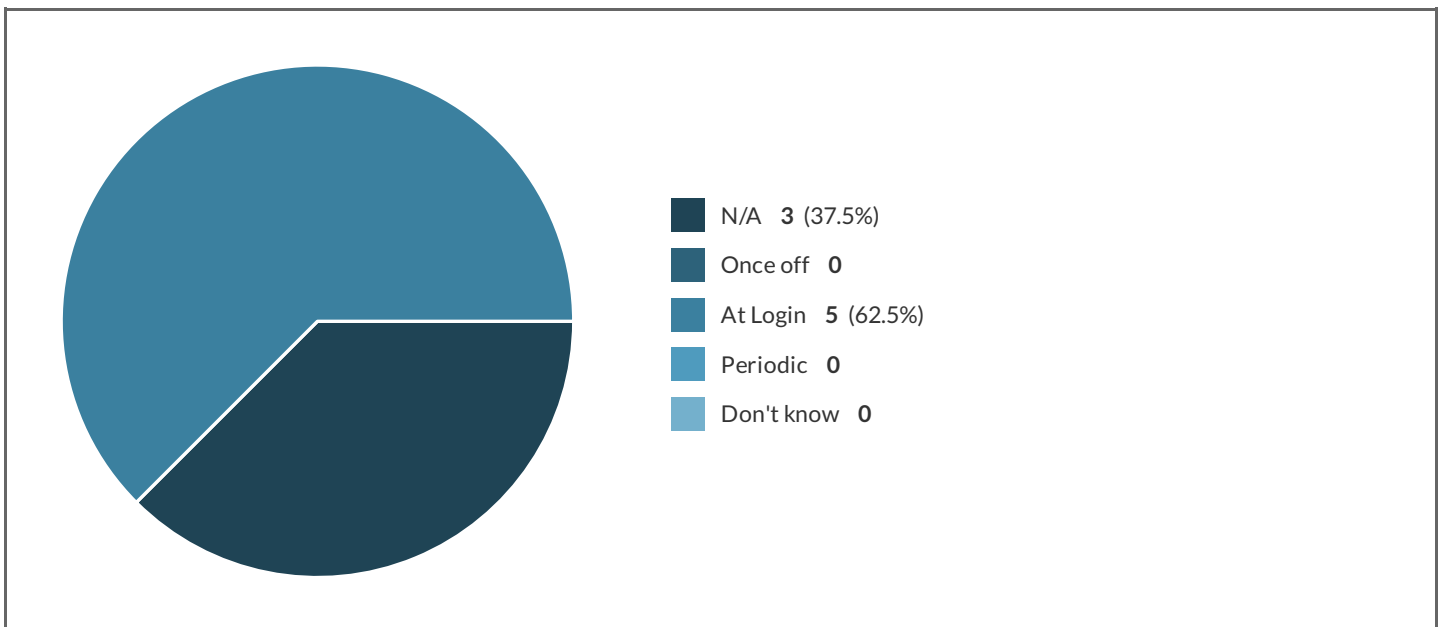
17.3 Requires extra resources

17.3.a Requires extra resources - Severity of Cost



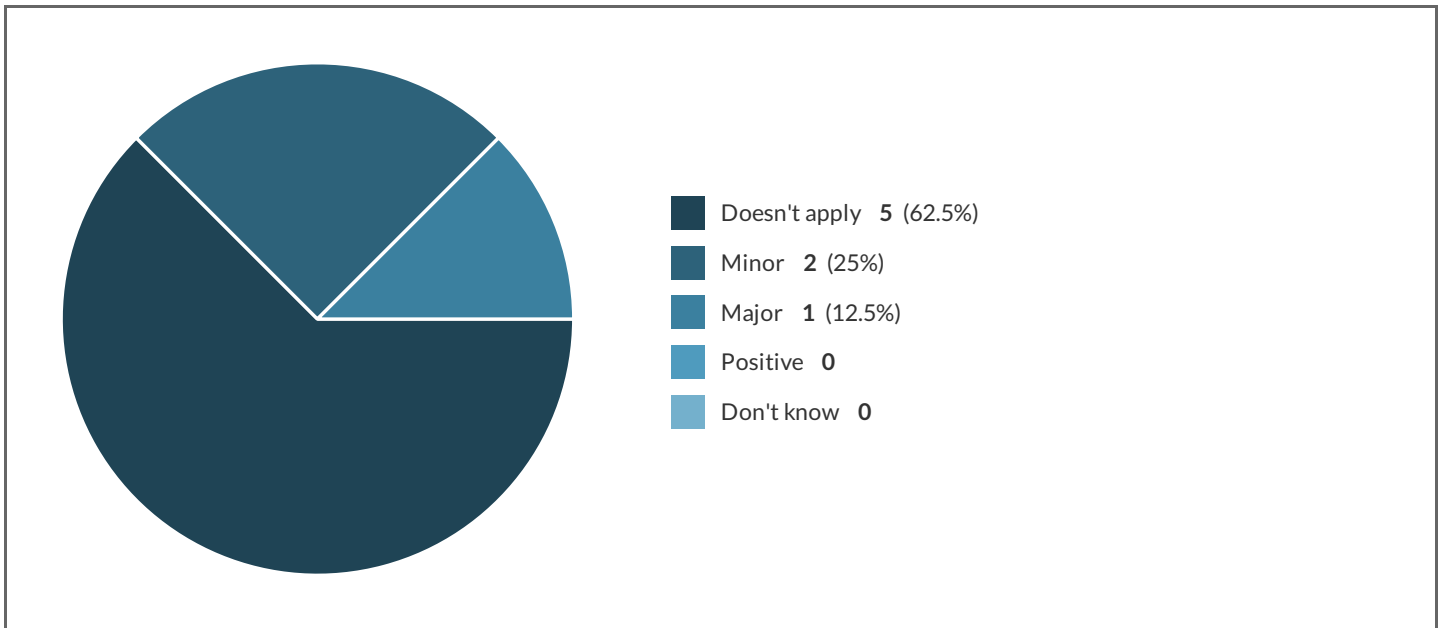


#### 17.3.b Requires extra resources - Frequency Cost is Experienced

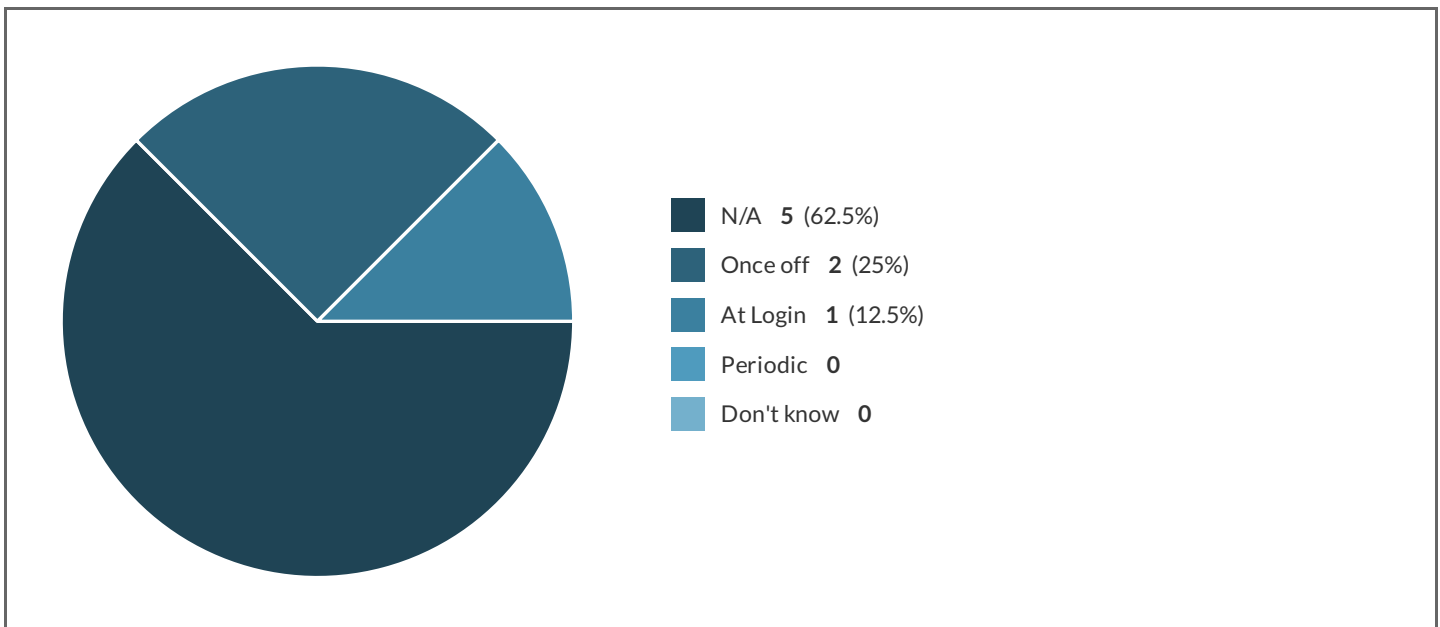


#### 17.4 Requires the creation of a new password

##### 17.4.a Requires the creation of a new password - Severity of Cost

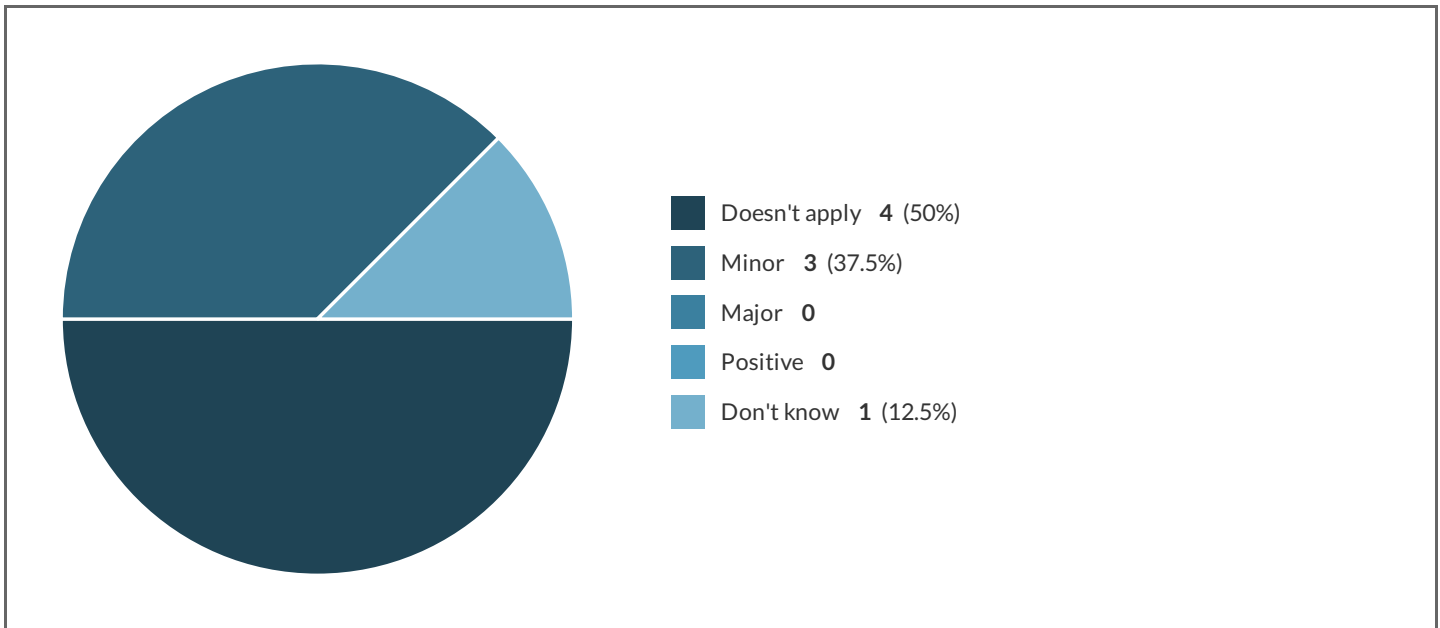


**17.4.b** Requires the creation of a new password - Frequency Cost is Experienced

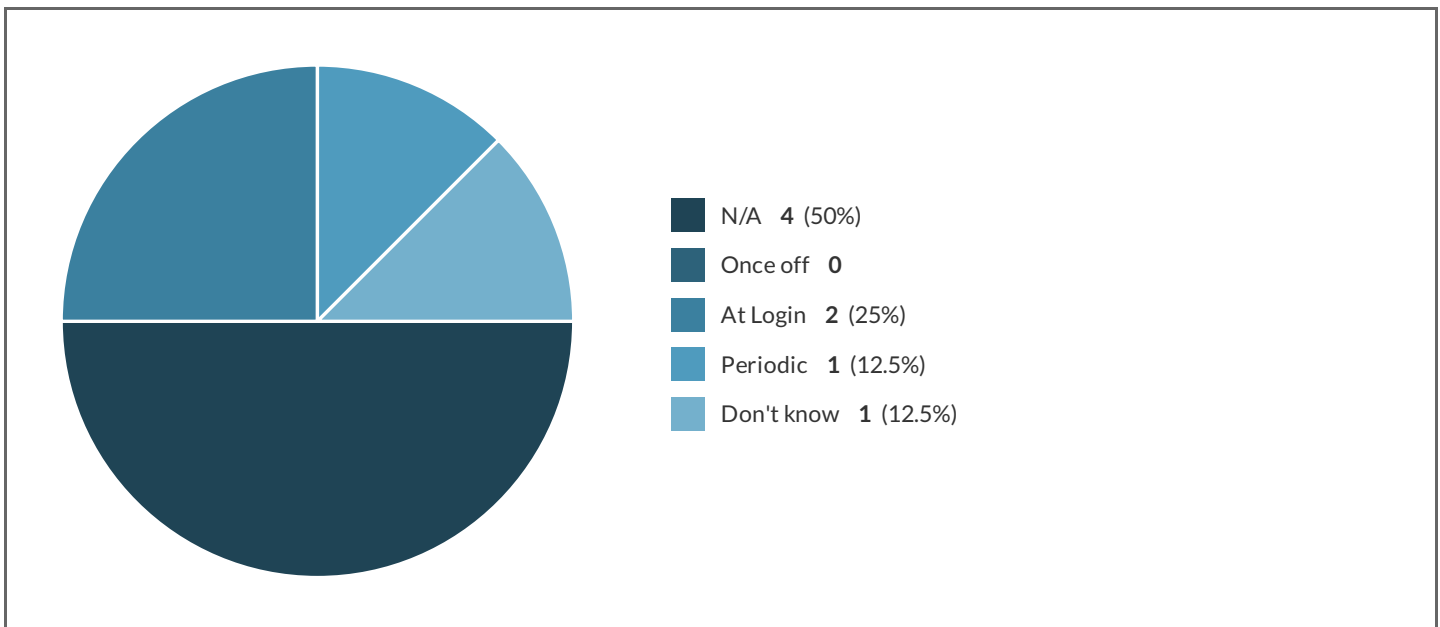


**17.5** Increases the computing power needed

**17.5.a** Increases the computing power needed - Severity of Cost

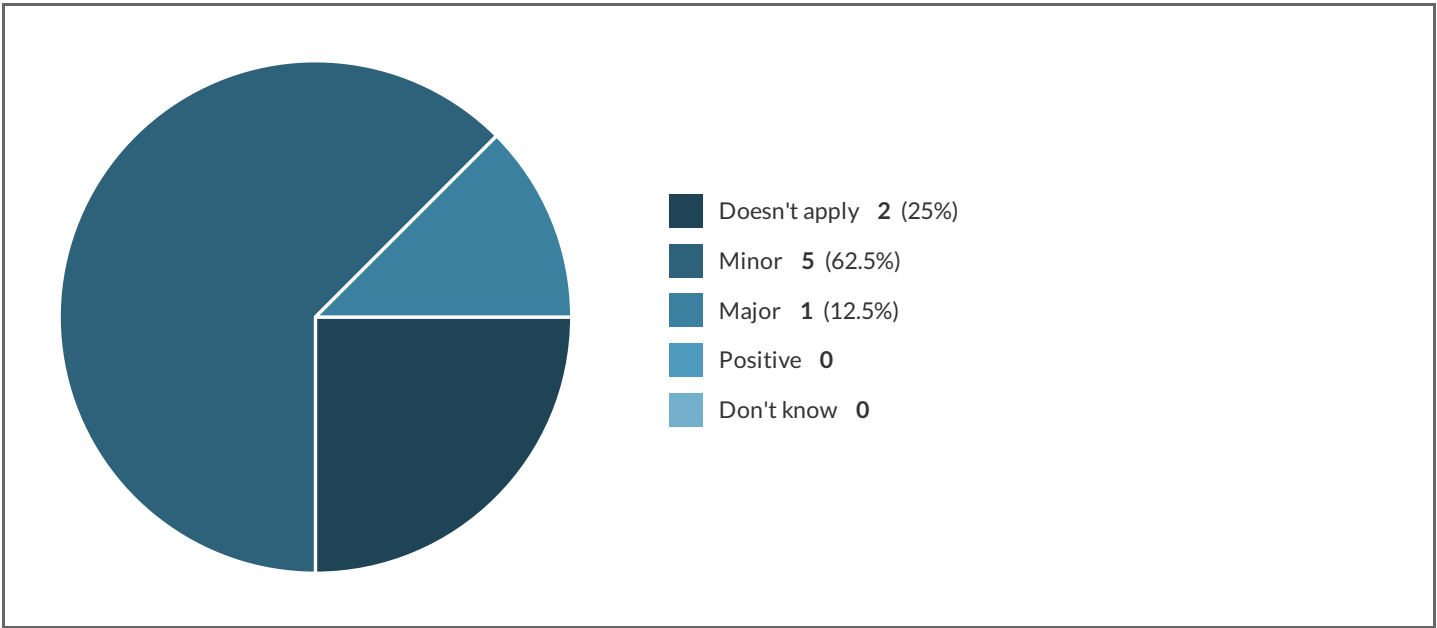


**17.5.b** Increases the computing power needed - Frequency Cost is Experienced

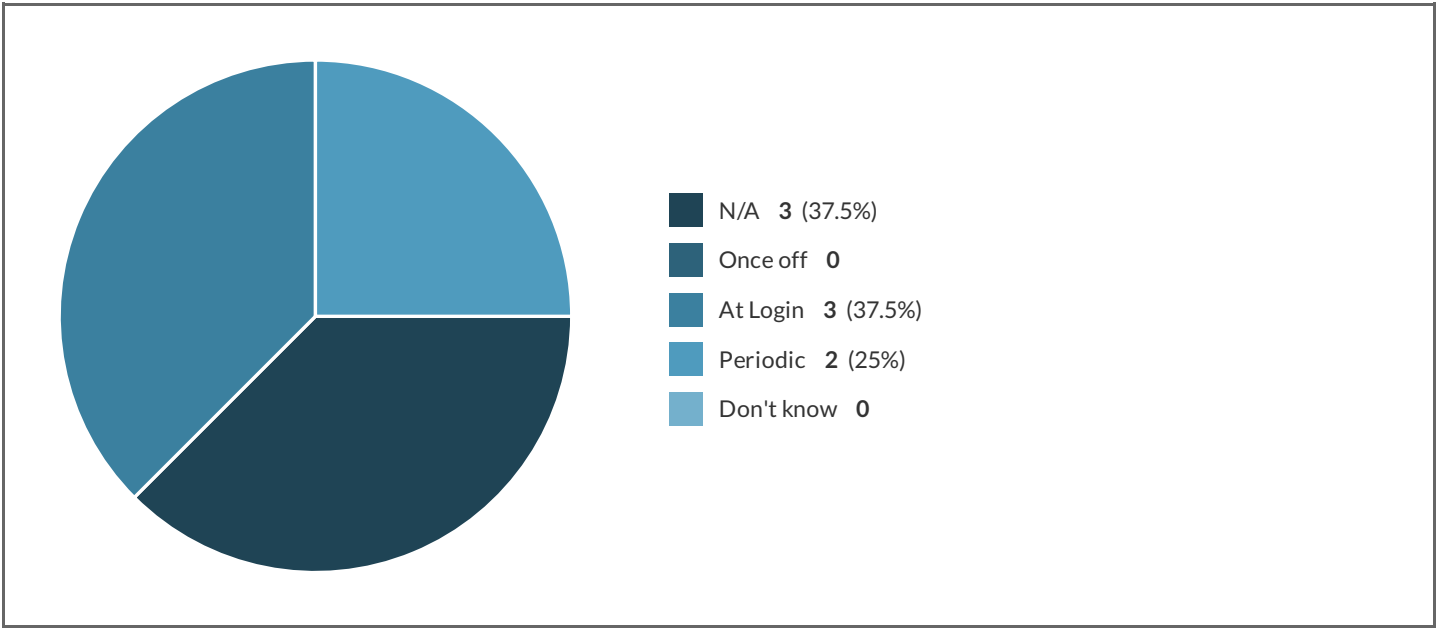


**17.6** Requires other extra time or effort

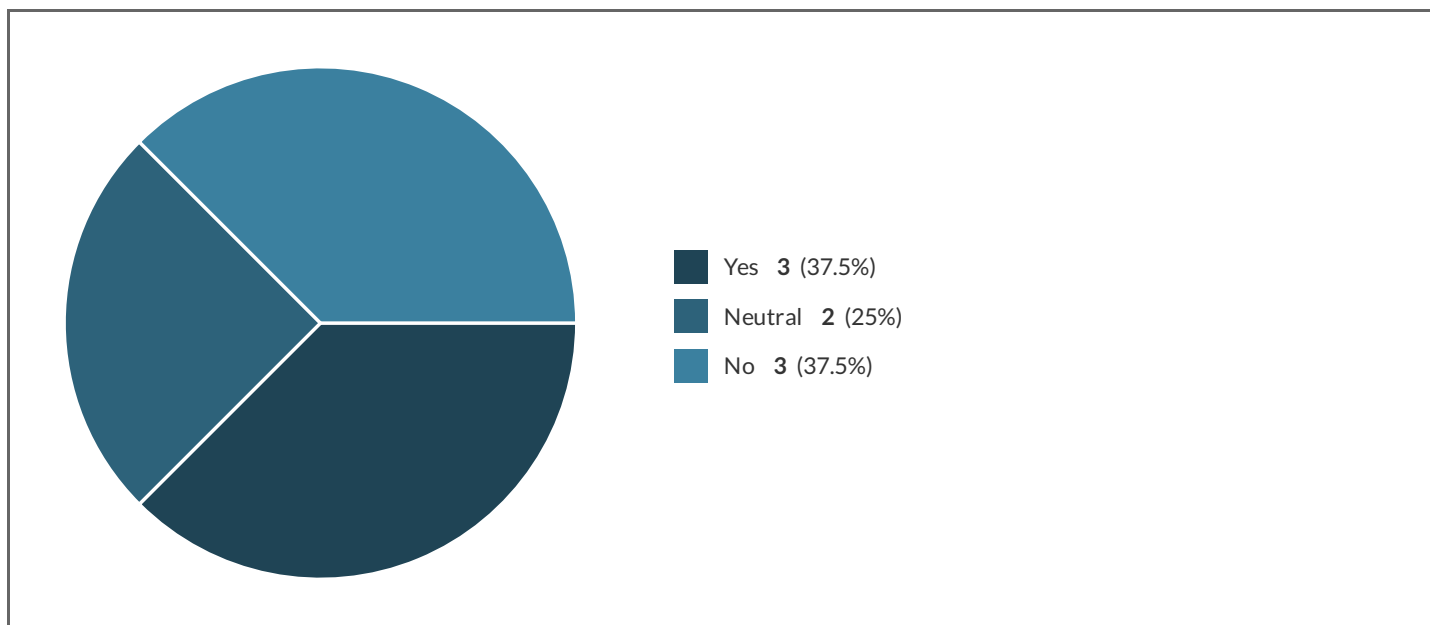
**17.6.a** Requires other extra time or effort - Severity of Cost



17.6.b Requires other extra time or effort - Frequency Cost is Experienced



17.a Do you approve of this advice?



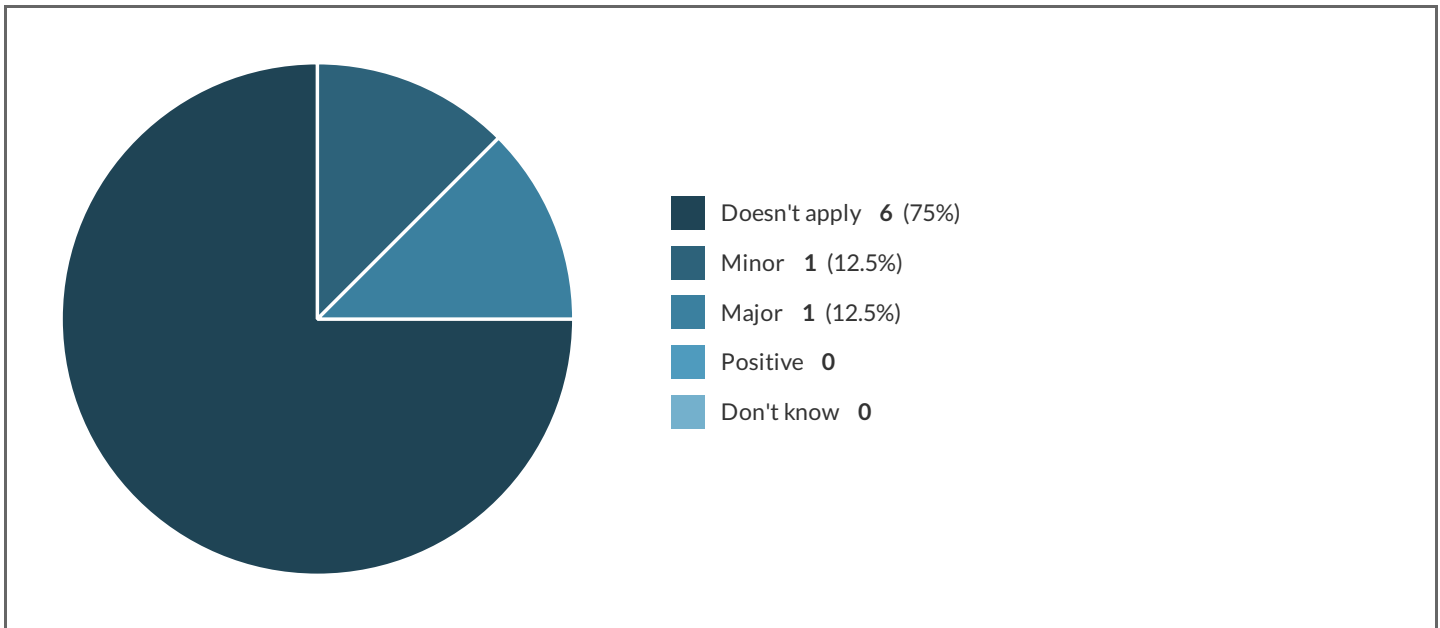
#### 17.b Comments

Showing all 4 responses	
Depends on how important the account is.	<a href="#">624487-624478-66086963</a>
Depends non what I'm logging in to	<a href="#">624487-624478-66101140</a>
Good idea in general, but should be combined with "remember me for X days" to be less onerous. Assumes the user has access to a smart phone (ubiquitous now?) or device; could be problematic for some people.	<a href="#">624487-624478-66147464</a>
At this stage I have a box of card readers and code generators as well as phone apps and spend a good part of my day switching back and forth and looking for cards and readers to go with the relevant service or client. A major headache and consumer of time.	<a href="#">624487-624478-66149144</a>

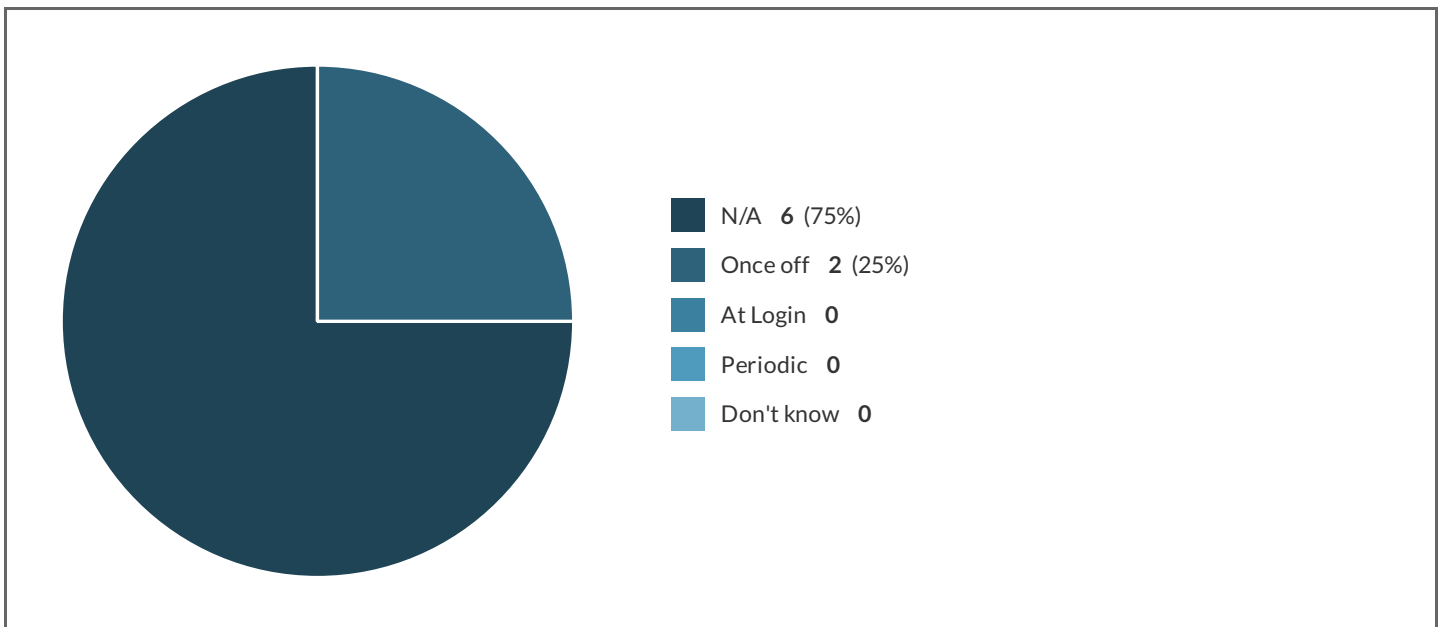
**18** You should use 2-factor authentication (e.g. an extra PIN) when logging into accounts remotely

**18.1** Makes it more difficult to create a password

**18.1.a** Makes it more difficult to create a password - Severity of Cost

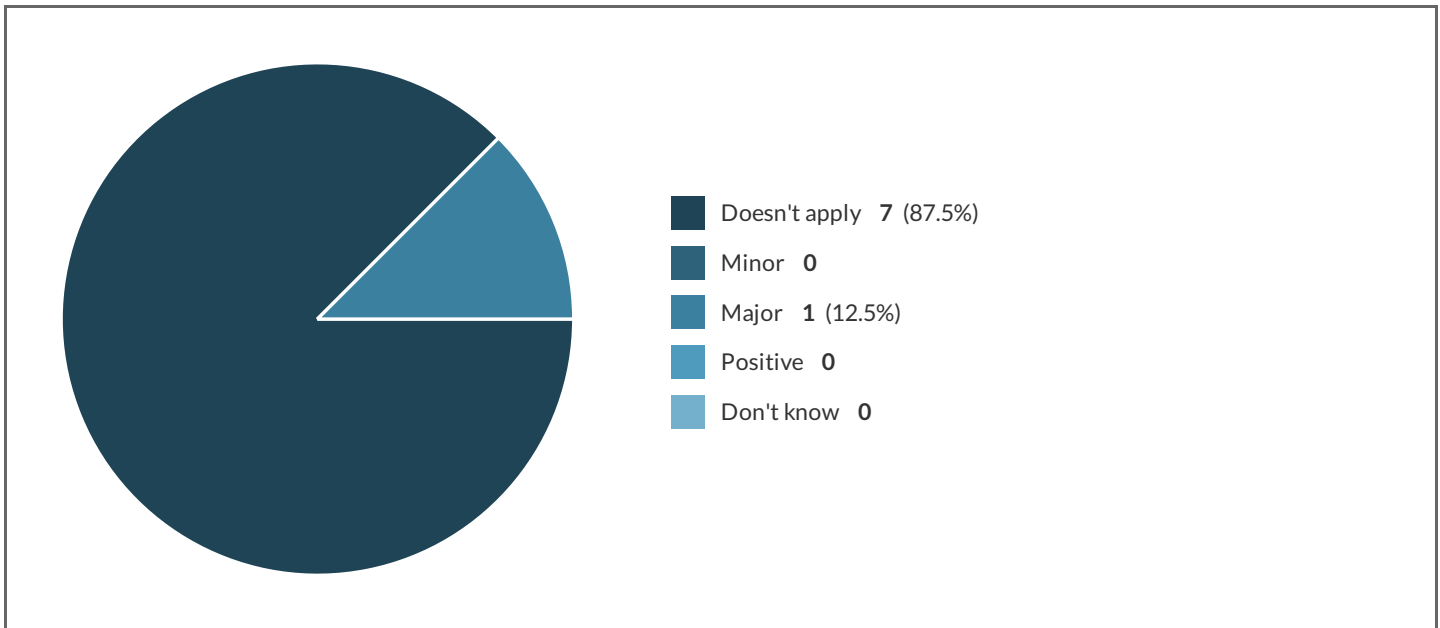


**18.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced

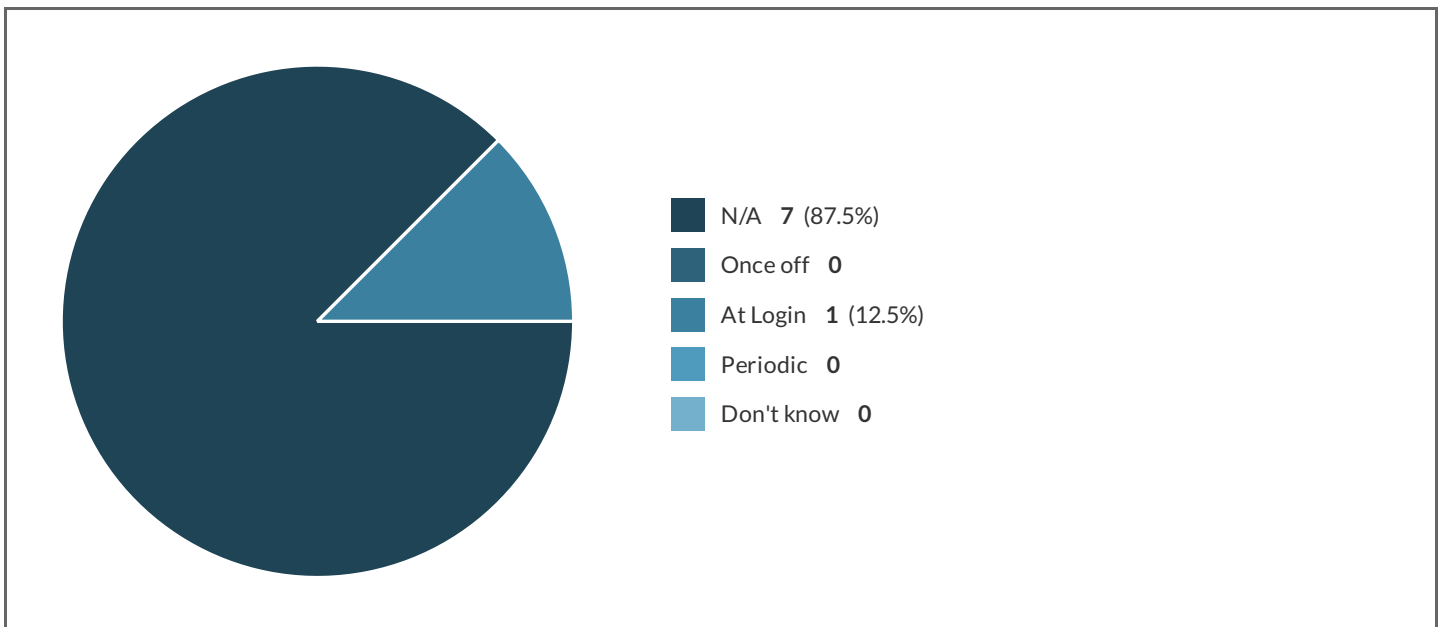


**18.2** Makes it less easy to remember

**18.2.a** Makes it less easy to remember - Severity of Cost

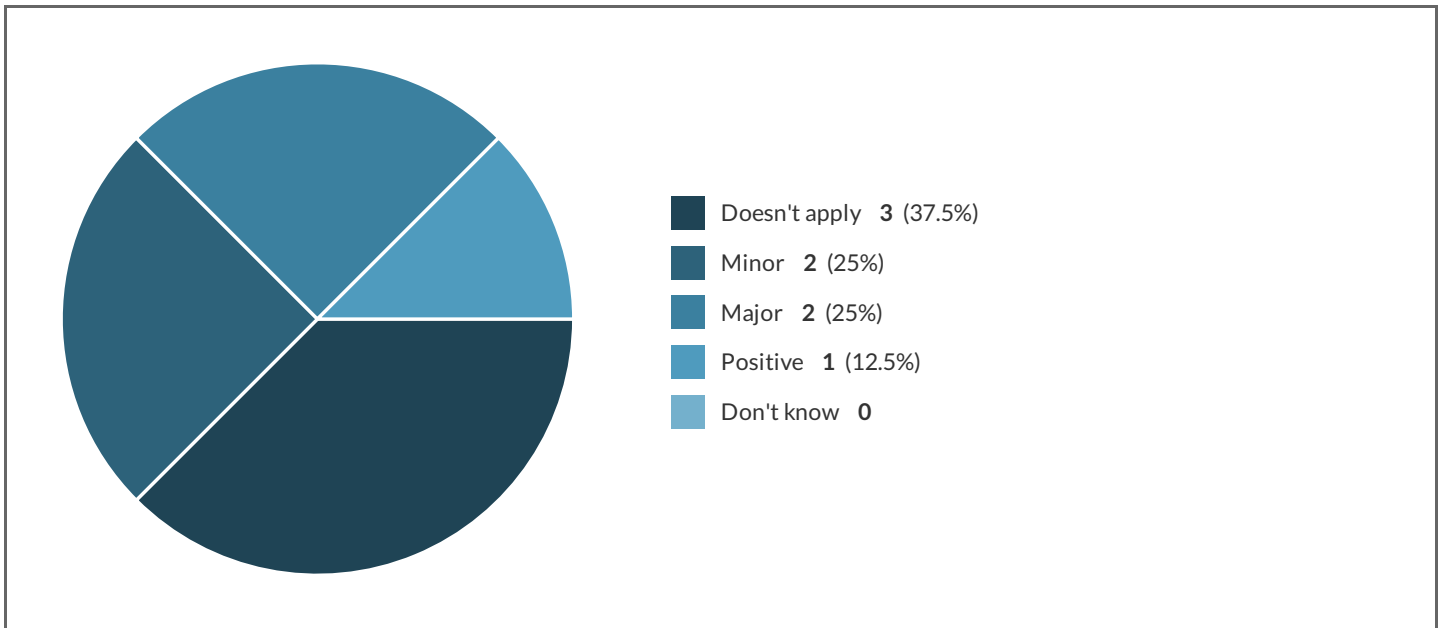


**18.2.b** Makes it less easy to remember - Frequency Cost is Experienced

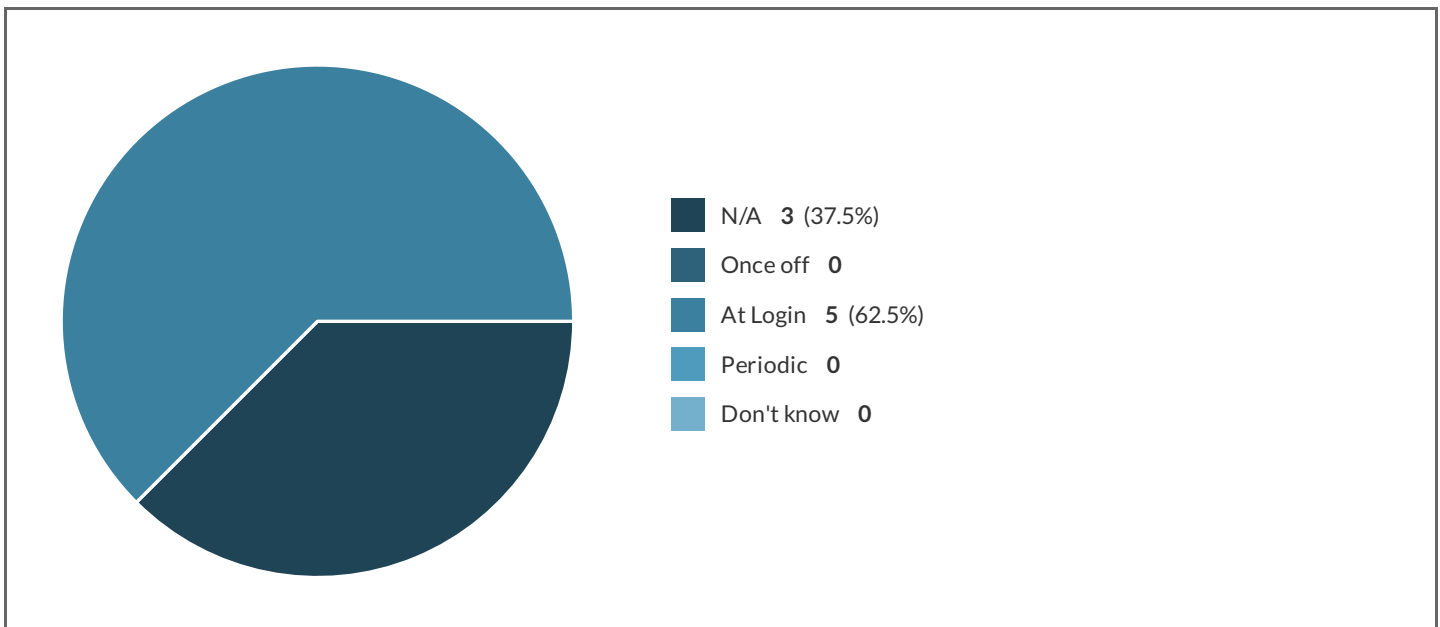


**18.3** Requires extra resources

**18.3.a** Requires extra resources - Severity of Cost



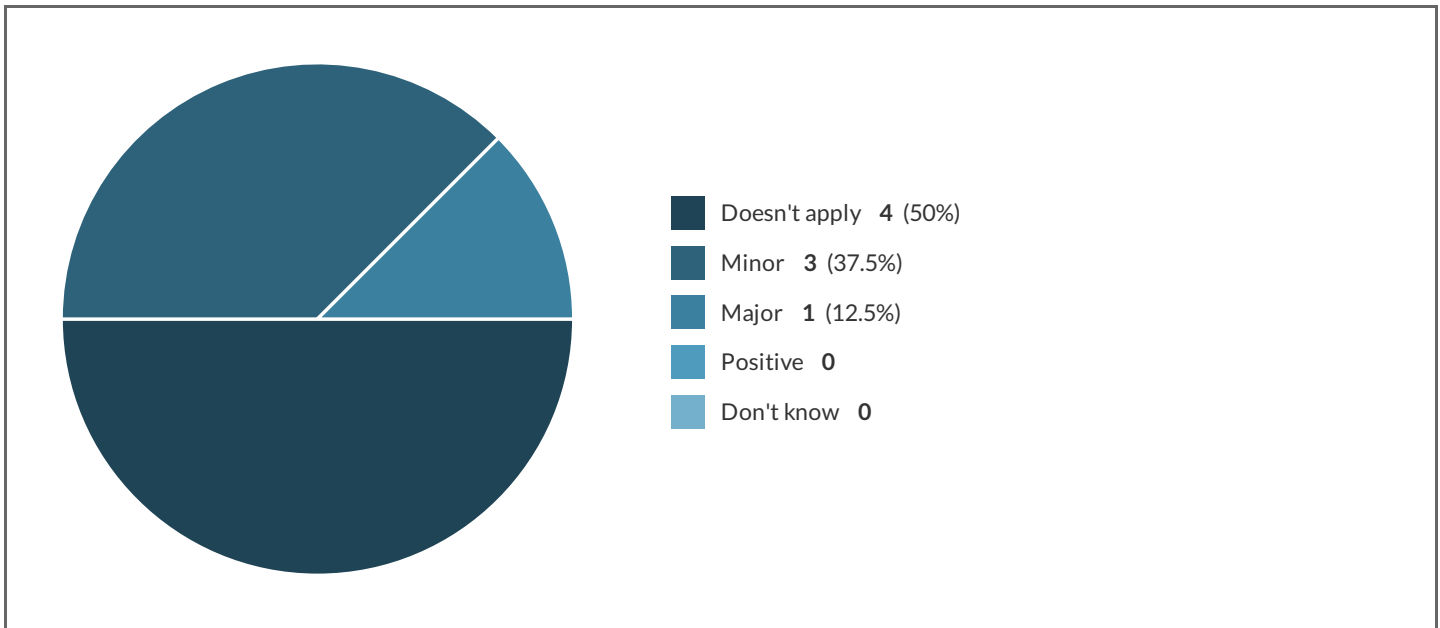
#### 18.3.b Requires extra resources - Frequency Cost is Experienced



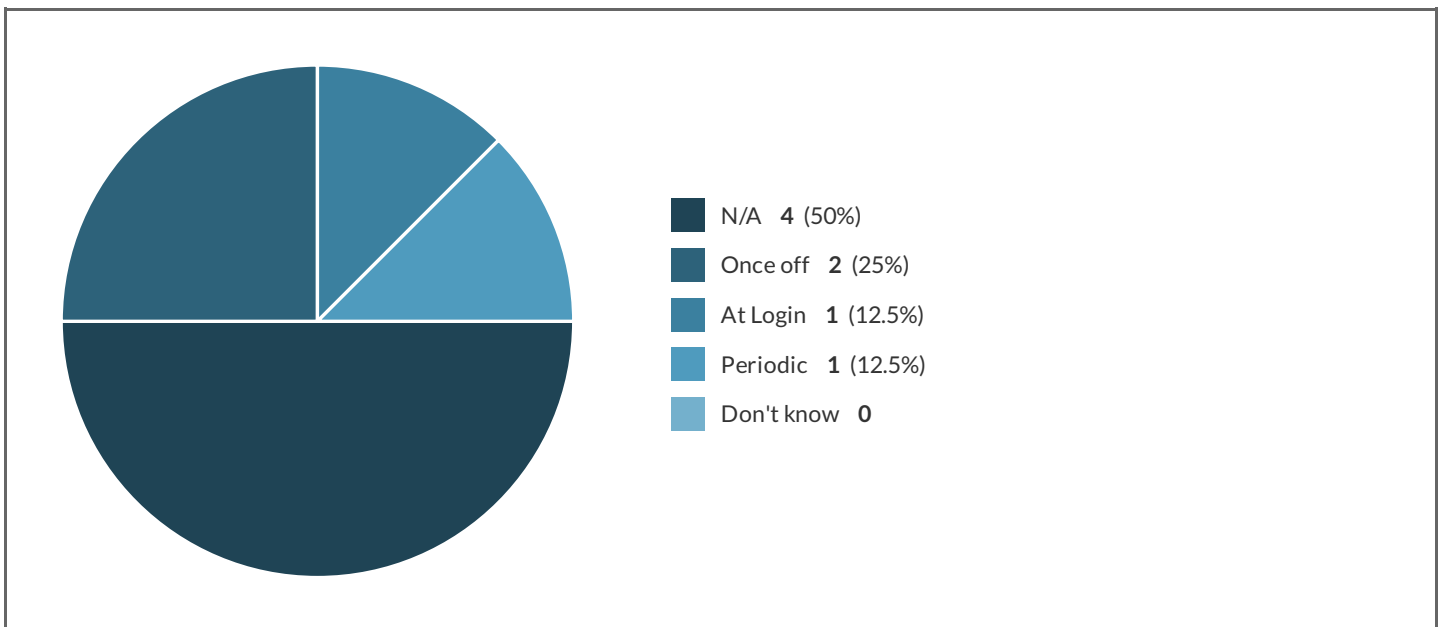
#### 18.4 Requires the creation of a new password

##### 18.4.a Requires the creation of a new password - Severity of Cost



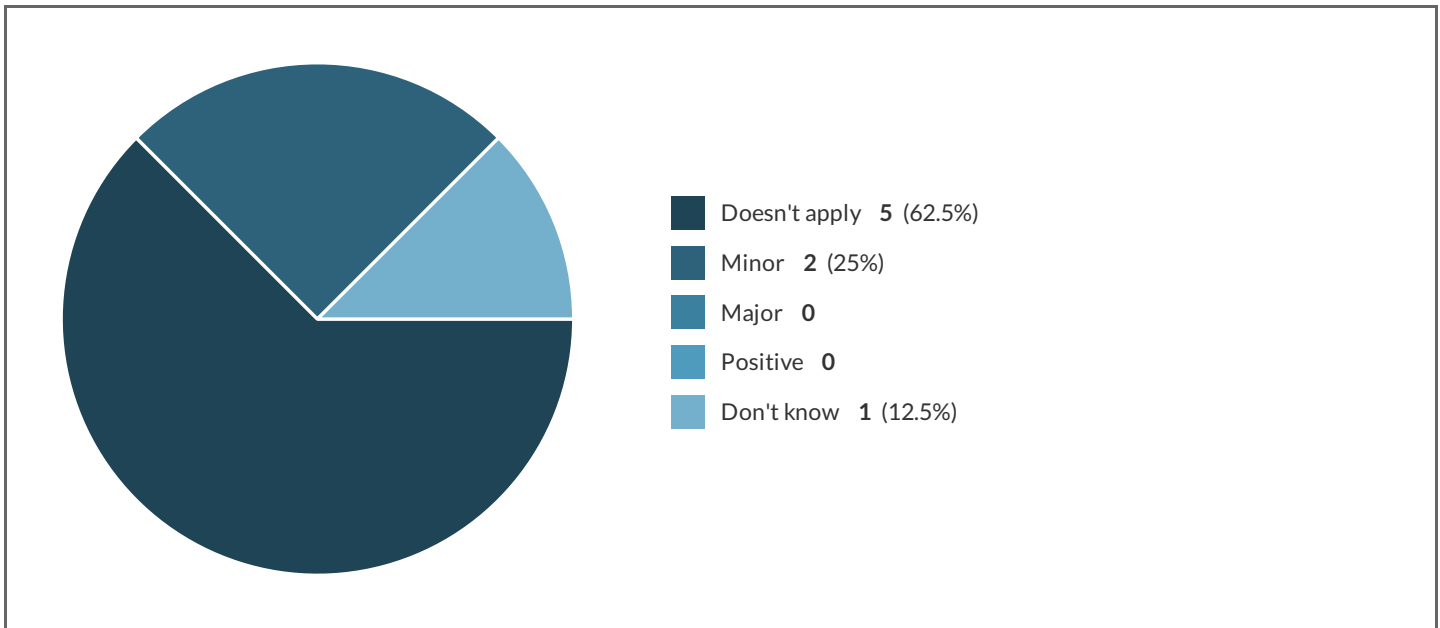


**18.4.b** Requires the creation of a new password - Frequency Cost is Experienced

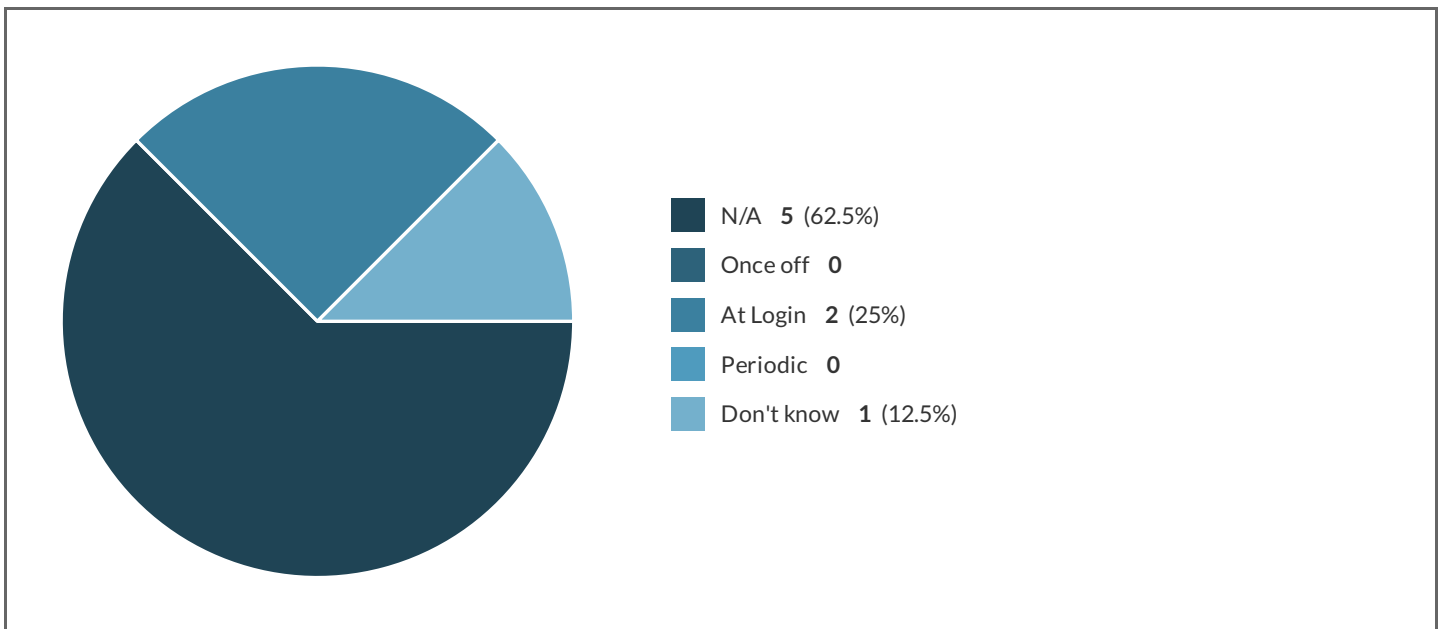


**18.5** Increases the computing power needed

**18.5.a** Increases the computing power needed - Severity of Cost

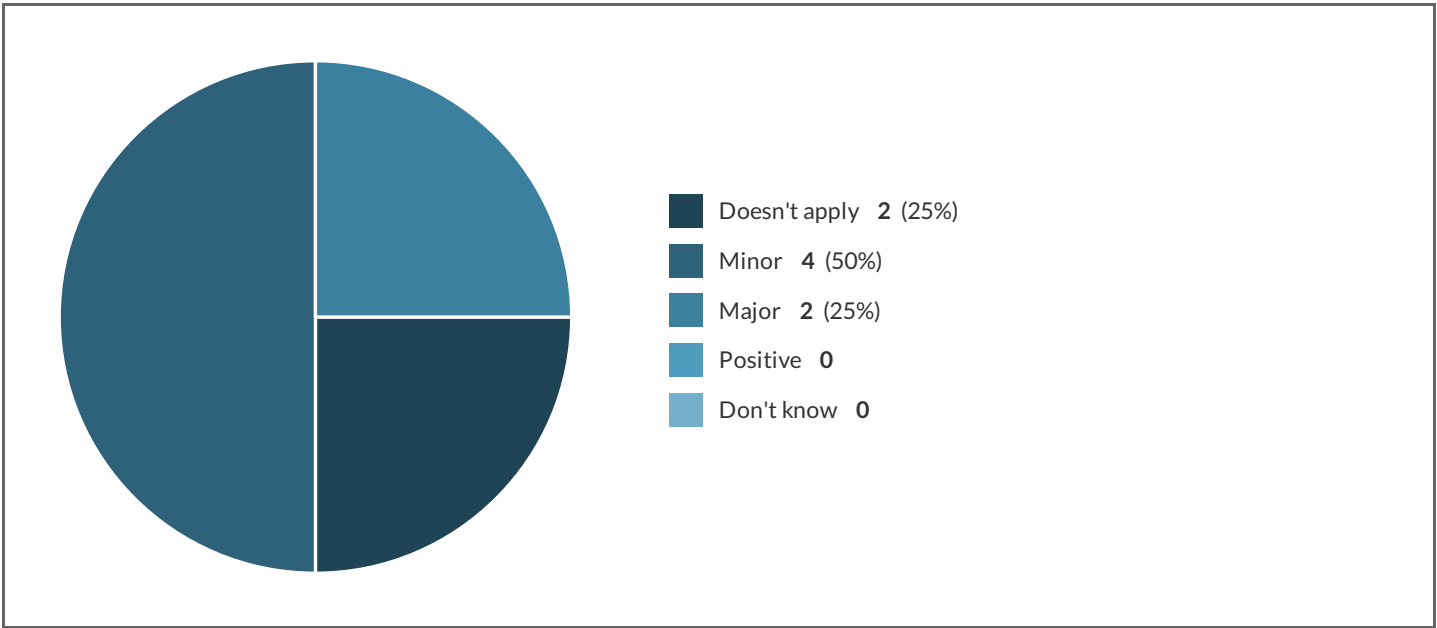


**18.5.b** Increases the computing power needed - Frequency Cost is Experienced

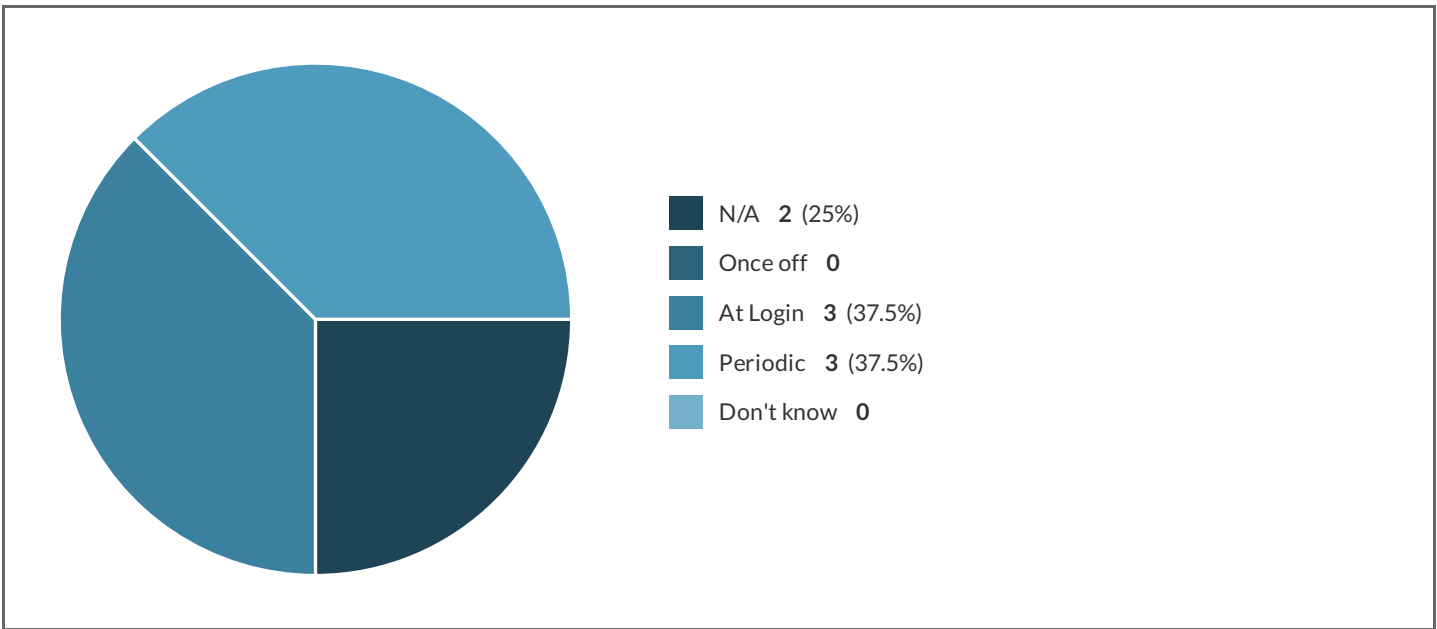


**18.6** Requires other extra time or effort

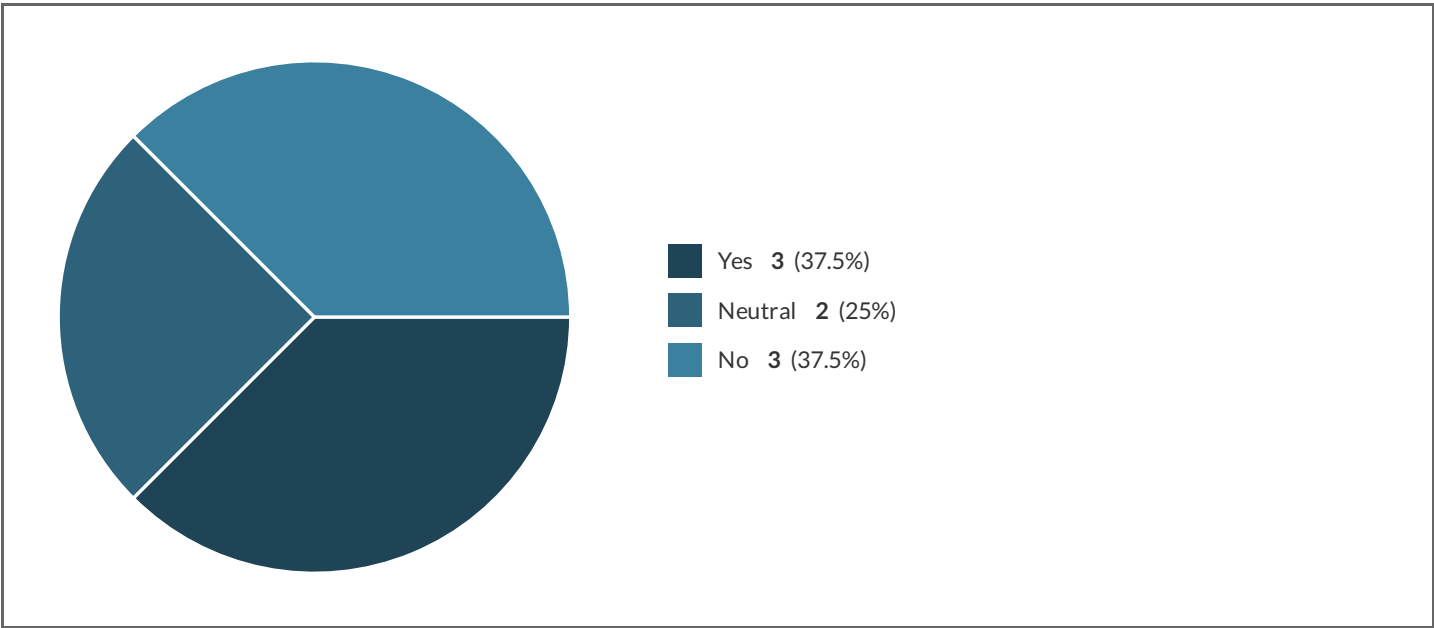
**18.6.a** Requires other extra time or effort - Severity of Cost



18.6.b Requires other extra time or effort - Frequency Cost is Experienced



18.a Do you approve of this advice?



18.b Comments

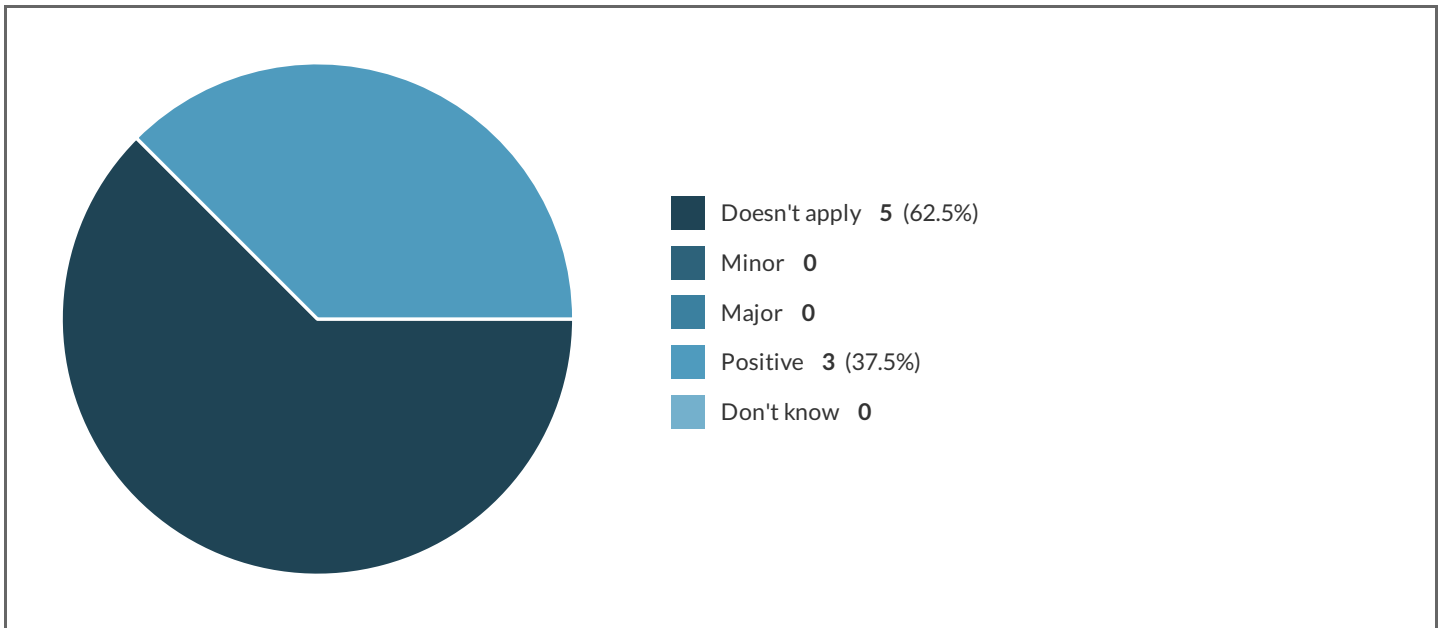
Showing all 3 responses	
Depends on what I'm logging in to	624487-624478-66101140
I rarely use it. Sometimes get a number sent to phone and put that in. No problem.	624487-624478-66142431
Good idea for remote logins	624487-624478-66147464

Password manager

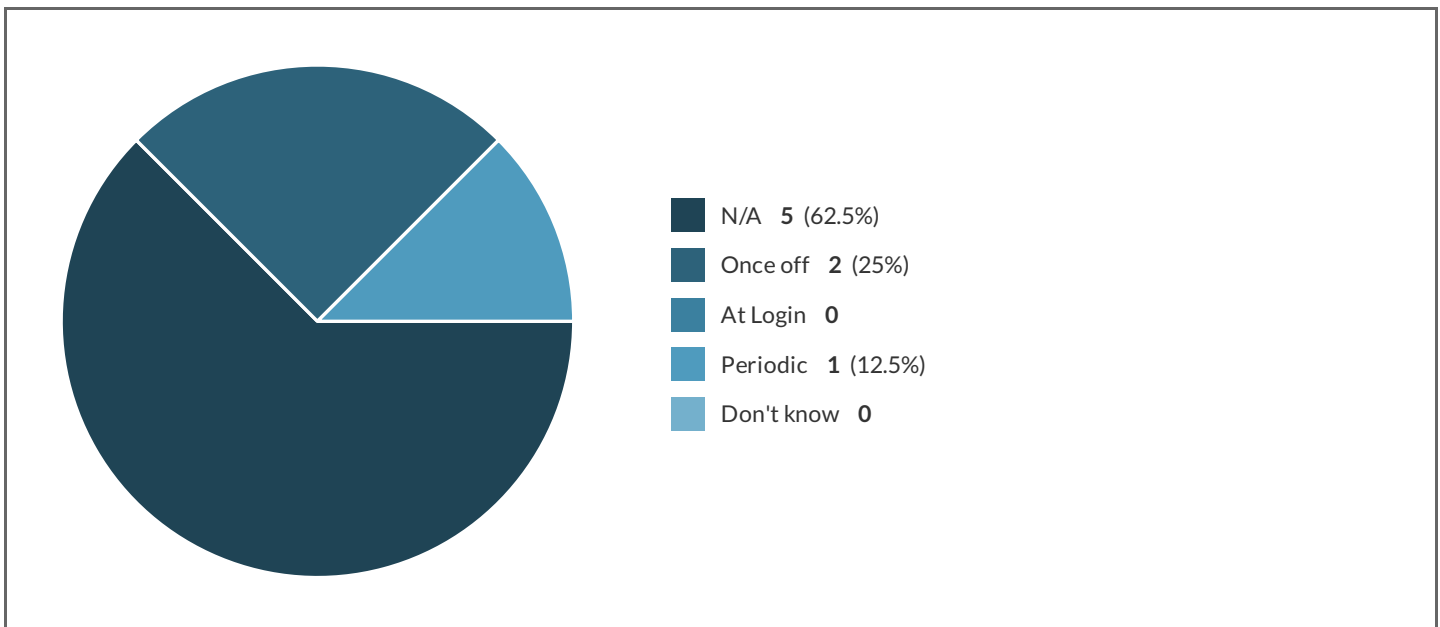
19 You should use a password manager to store your passwords

19.1 Makes it more difficult to create a password

19.1.a Makes it more difficult to create a password - Severity of Cost

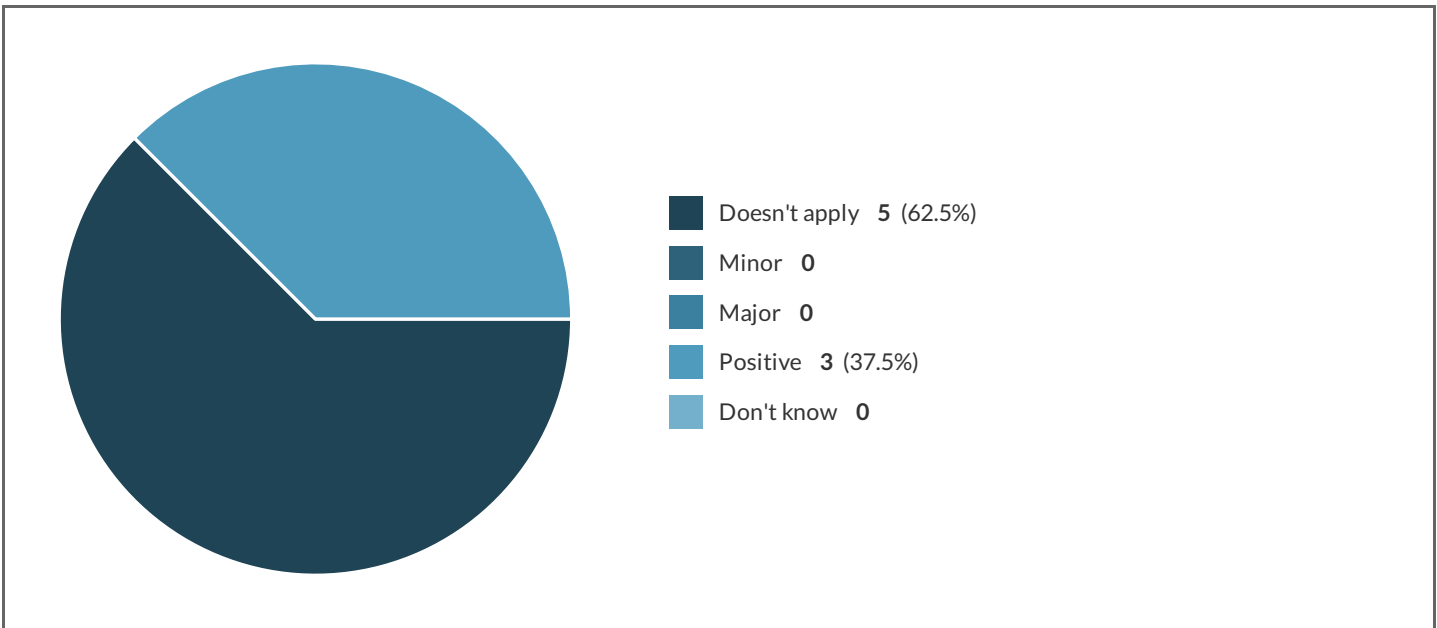


**19.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced

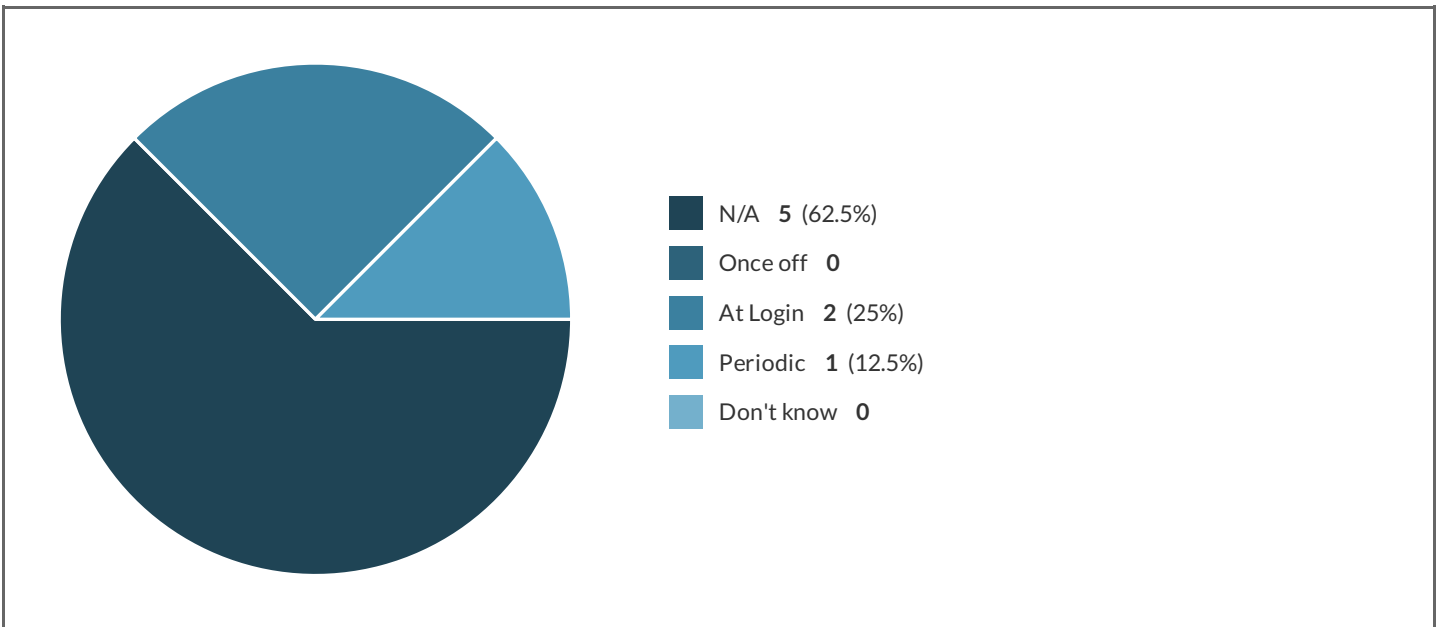


**19.2** Makes it less easy to remember

**19.2.a** Makes it less easy to remember - Severity of Cost

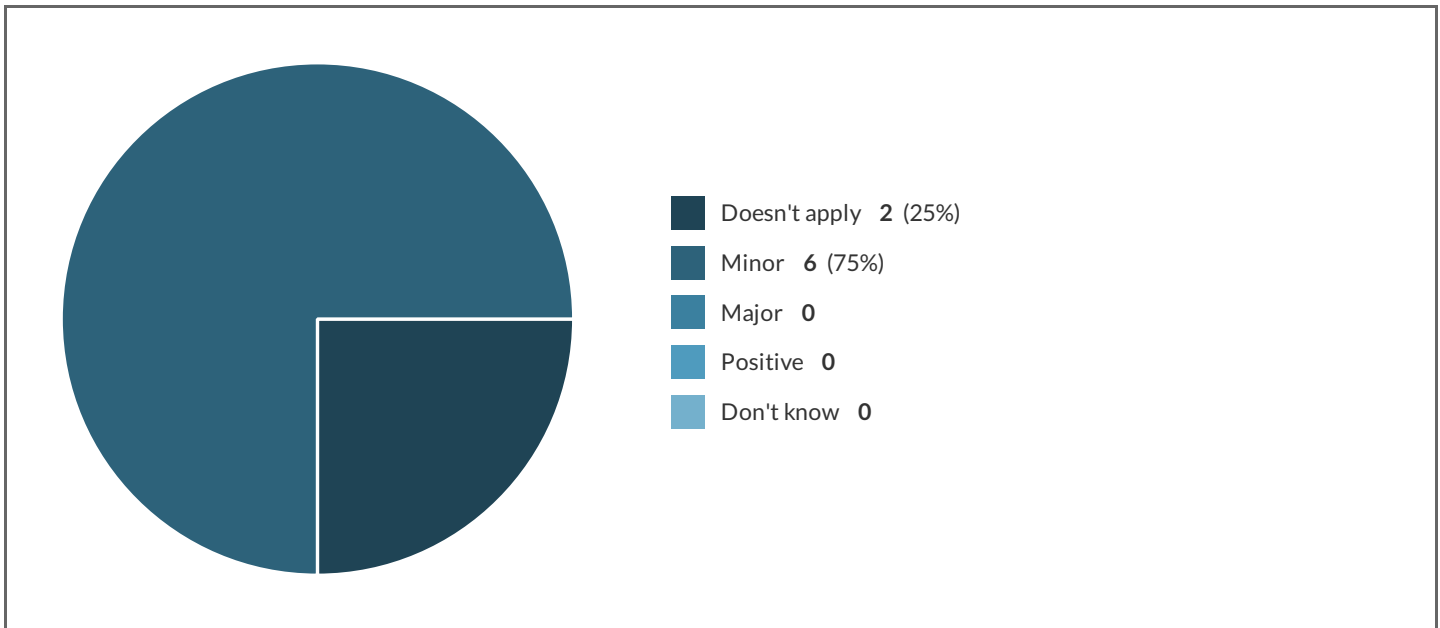


19.2.b Makes it less easy to remember - Frequency Cost is Experienced

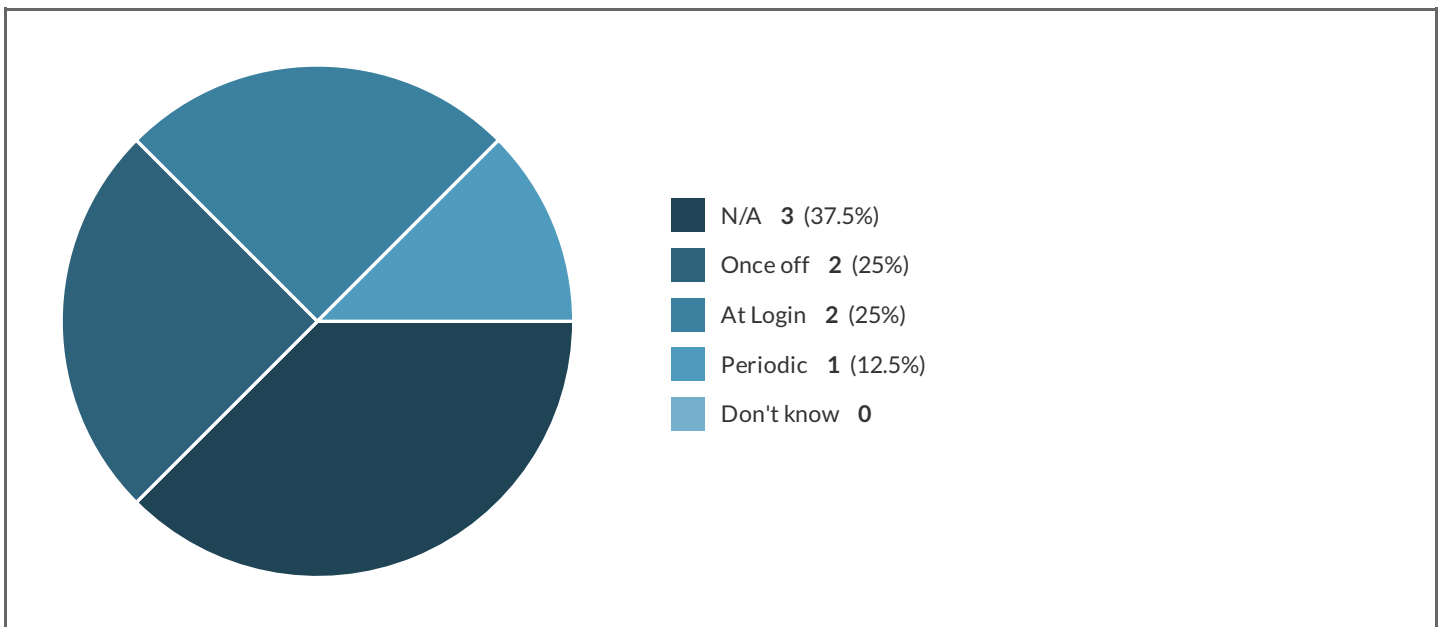


19.3 Requires extra resources

19.3.a Requires extra resources - Severity of Cost

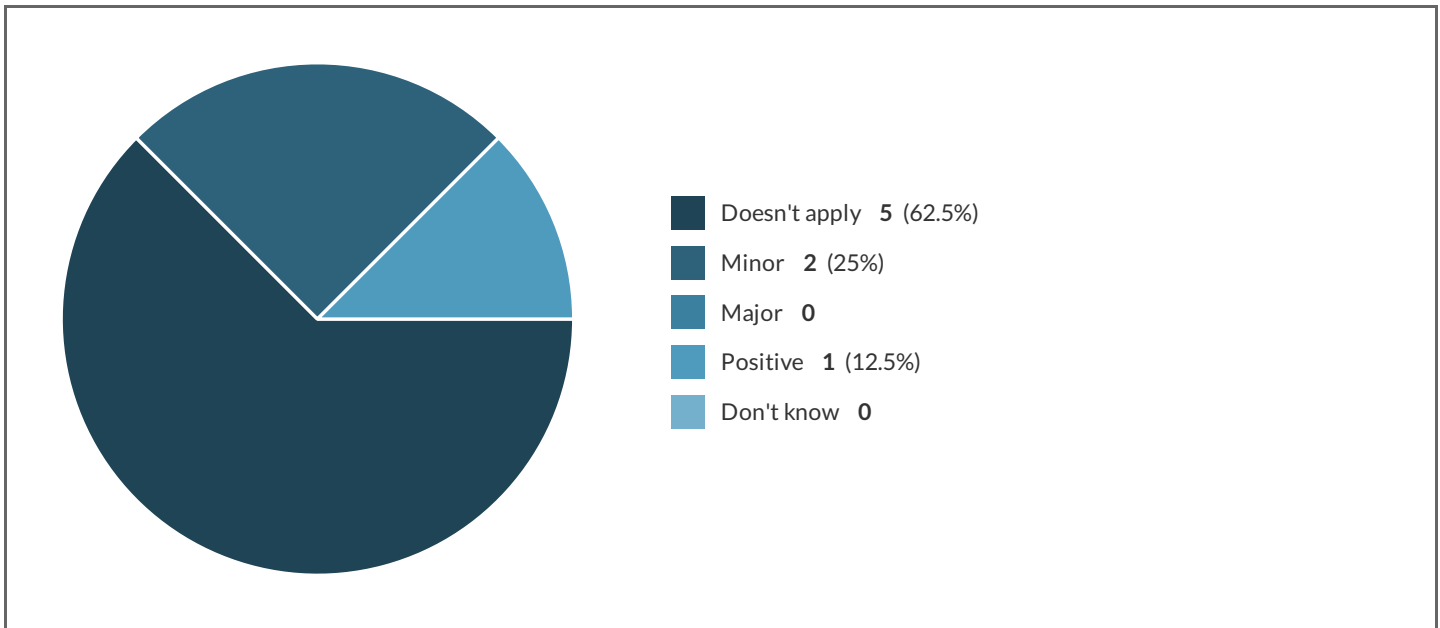


#### 19.3.b Requires extra resources - Frequency Cost is Experienced

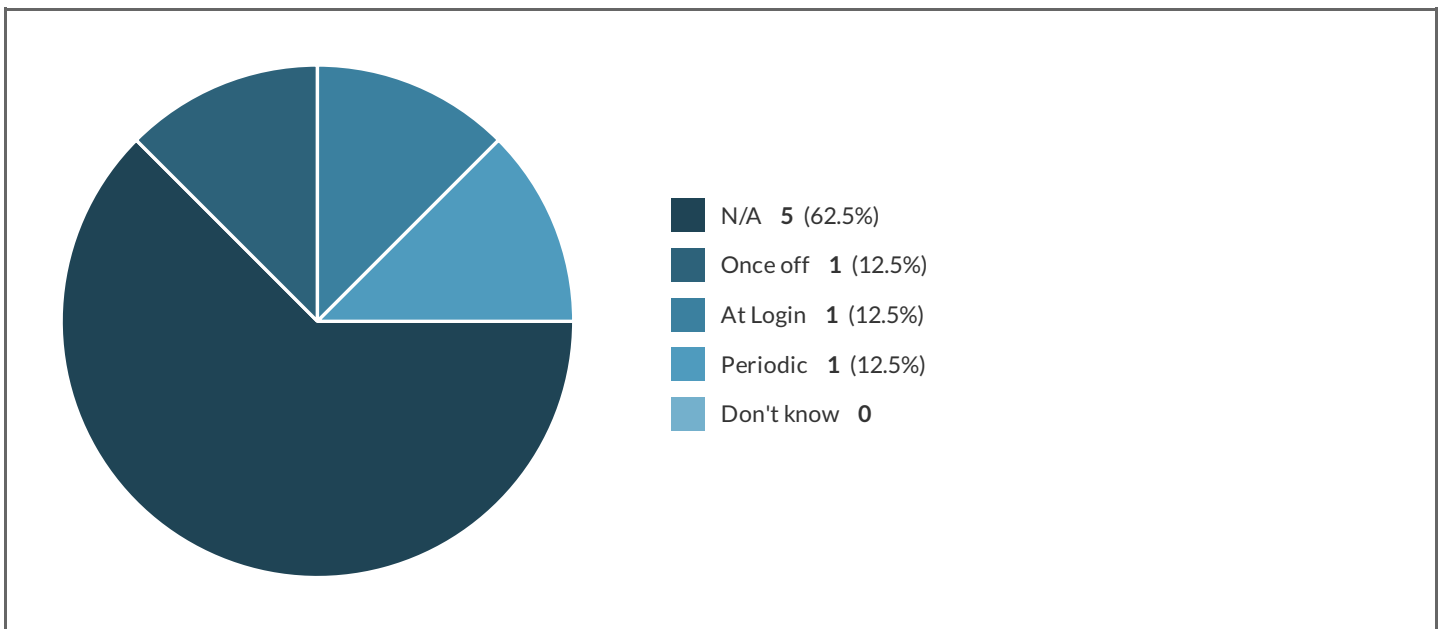


#### 19.4 Requires the creation of a new password

##### 19.4.a Requires the creation of a new password - Severity of Cost



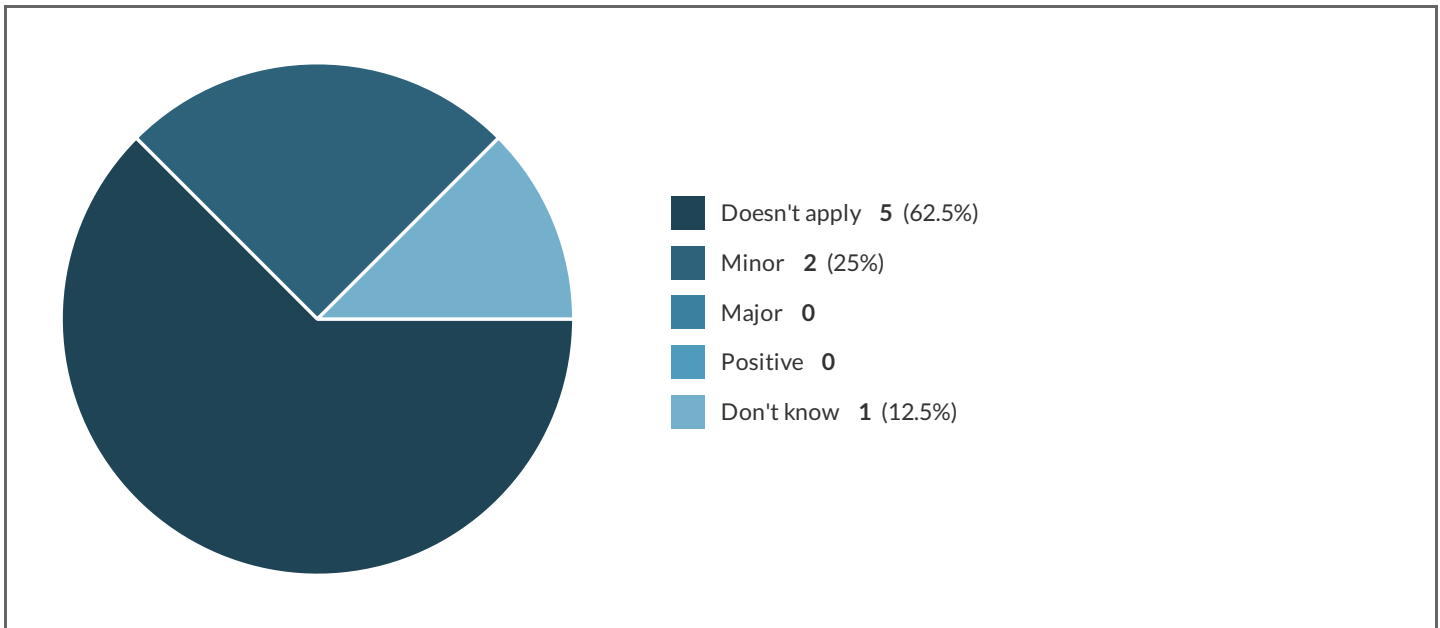
**19.4.b** Requires the creation of a new password - Frequency Cost is Experienced



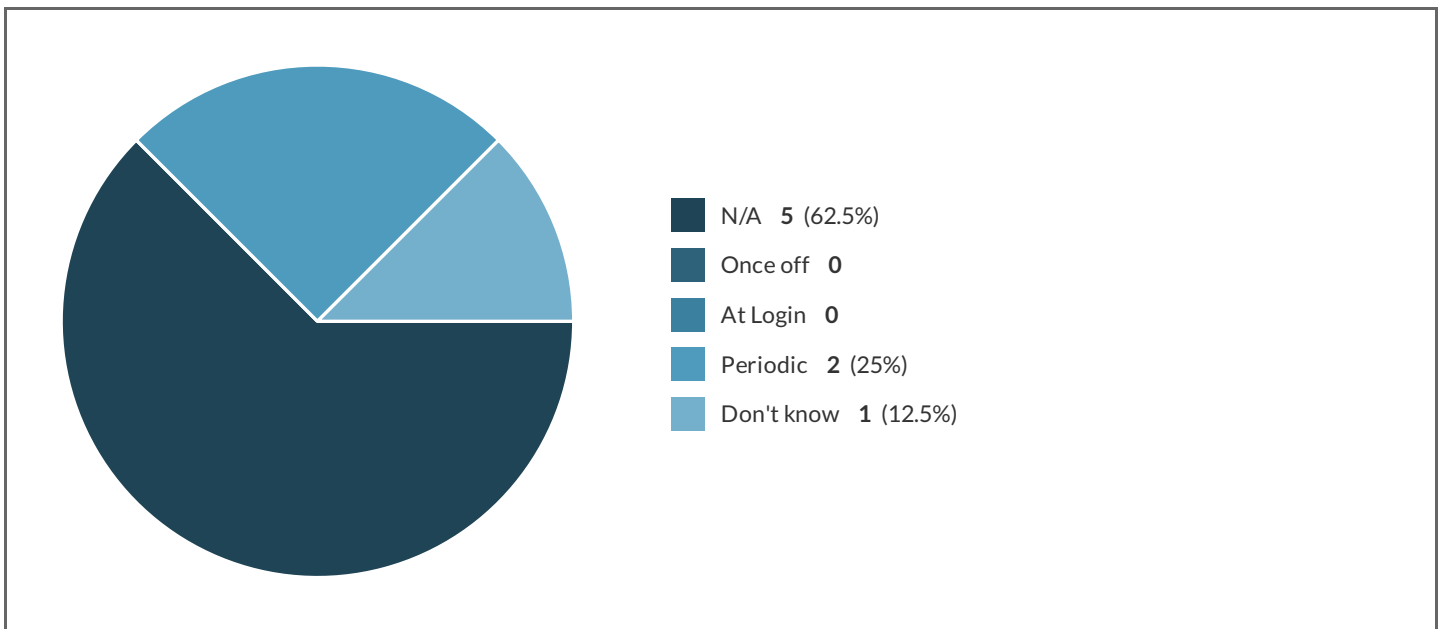
**19.5** Increases the computing power needed

**19.5.a** Increases the computing power needed - Severity of Cost



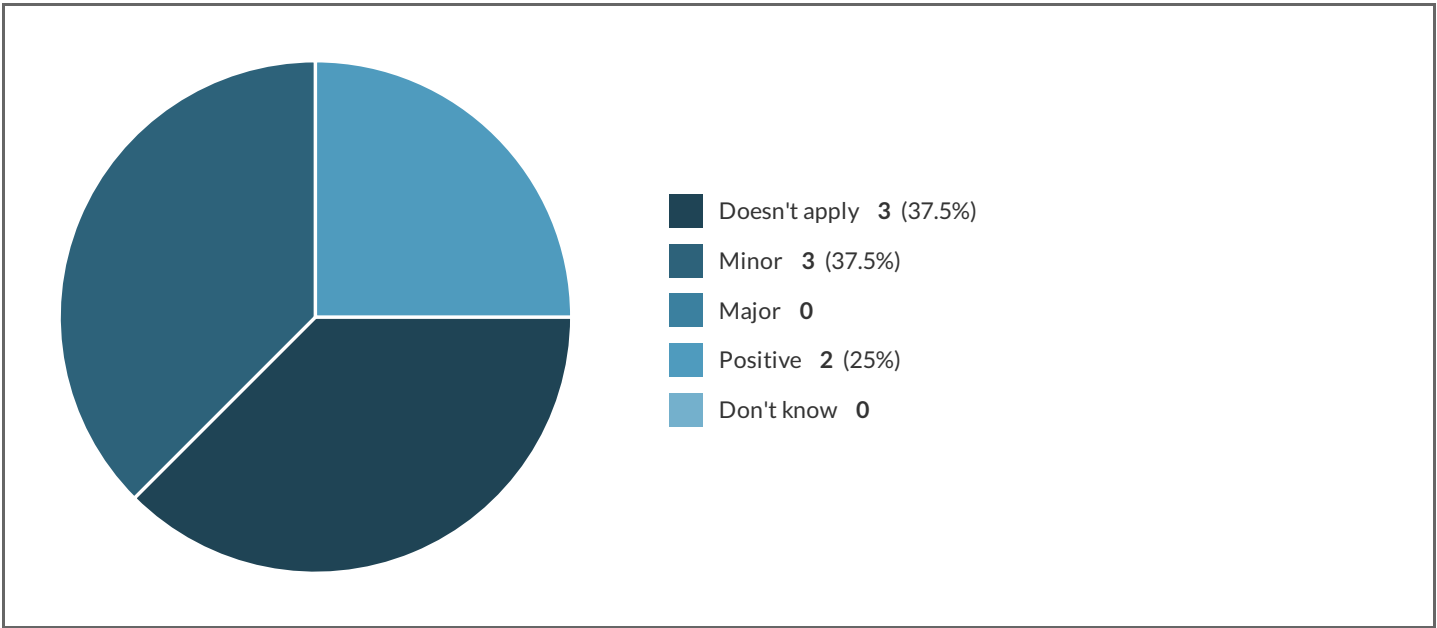


**19.5.b** Increases the computing power needed - Frequency Cost is Experienced

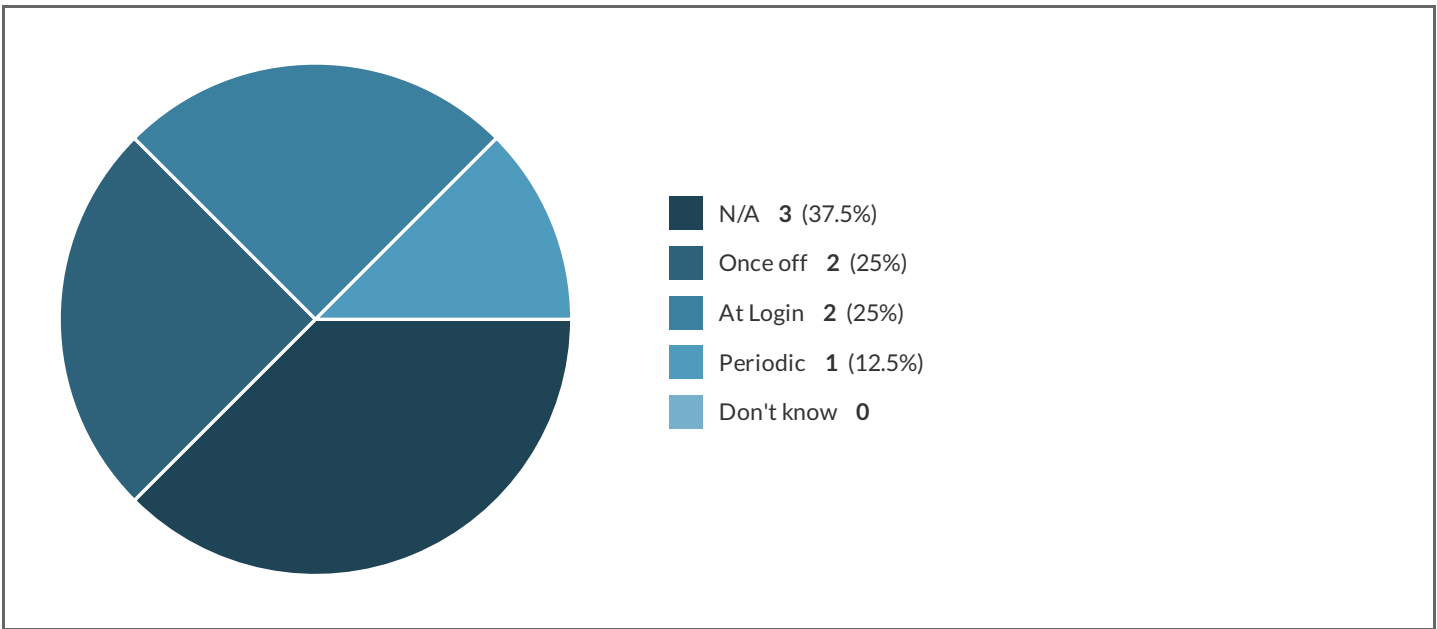


**19.6** Requires other extra time or effort

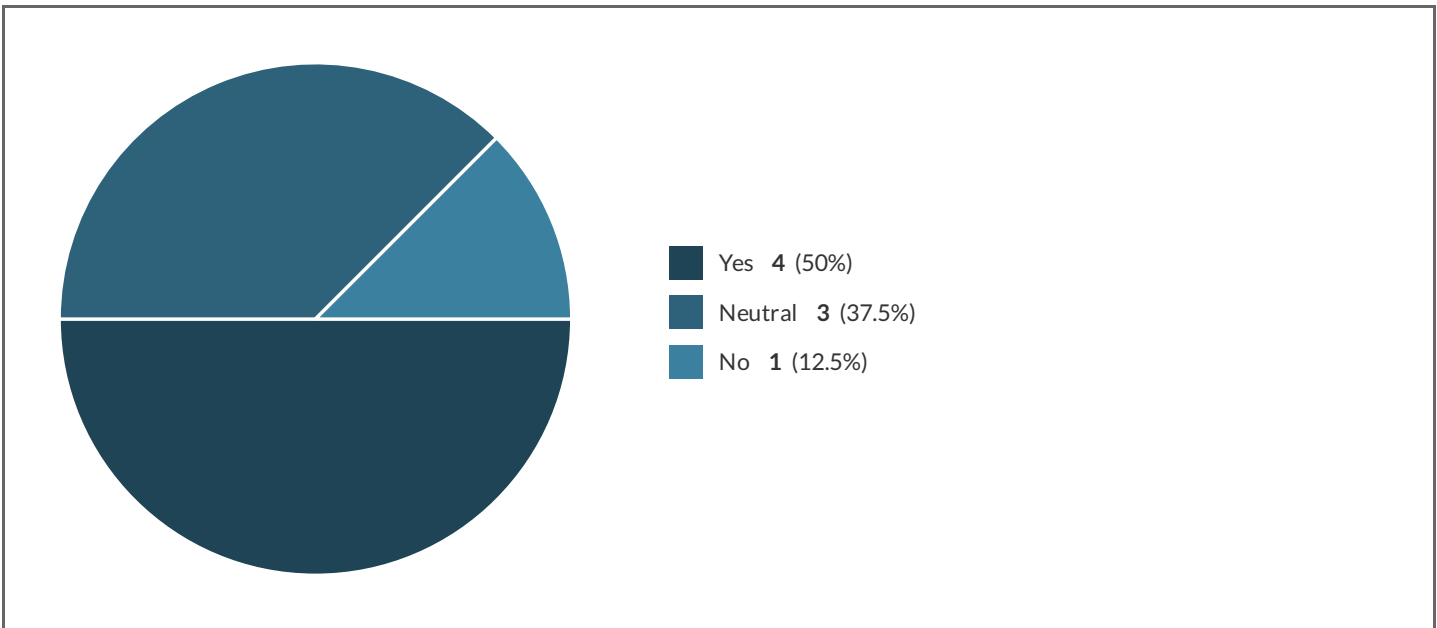
**19.6.a** Requires other extra time or effort - Severity of Cost



**19.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**19.a** Do you approve of this advice?



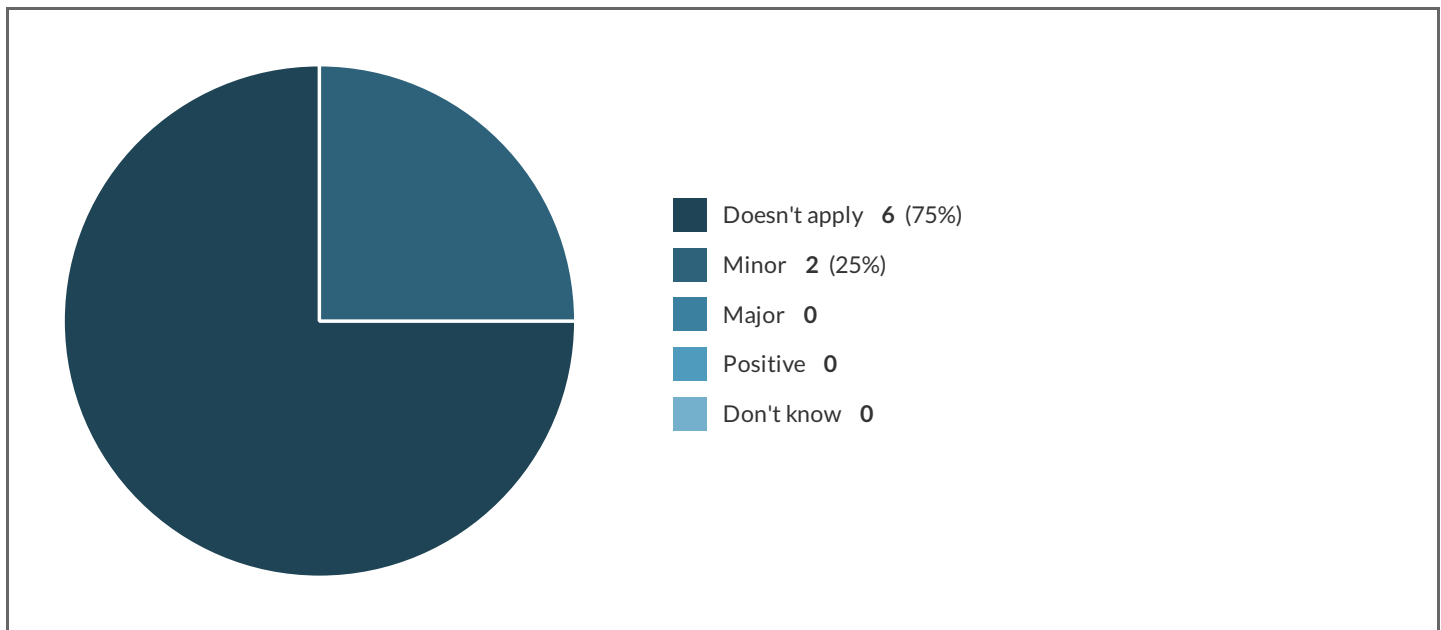
19.b Comments

Showing all 4 responses	
Haven't seriously considered using them before.	624487-624478-66086963
I don't know what a password manager is. I keep a book of passwords which I guard like my credit card!	624487-624478-66142431
Would almost consider it essential for modern Internet usage. Some additional setup and potentially cost, but absolutely worth it.	624487-624478-66147464
Password managers make everything much better and more secure, make generation of password much easier. If only one advice should be kept it would be that one	624487-624478-66173650

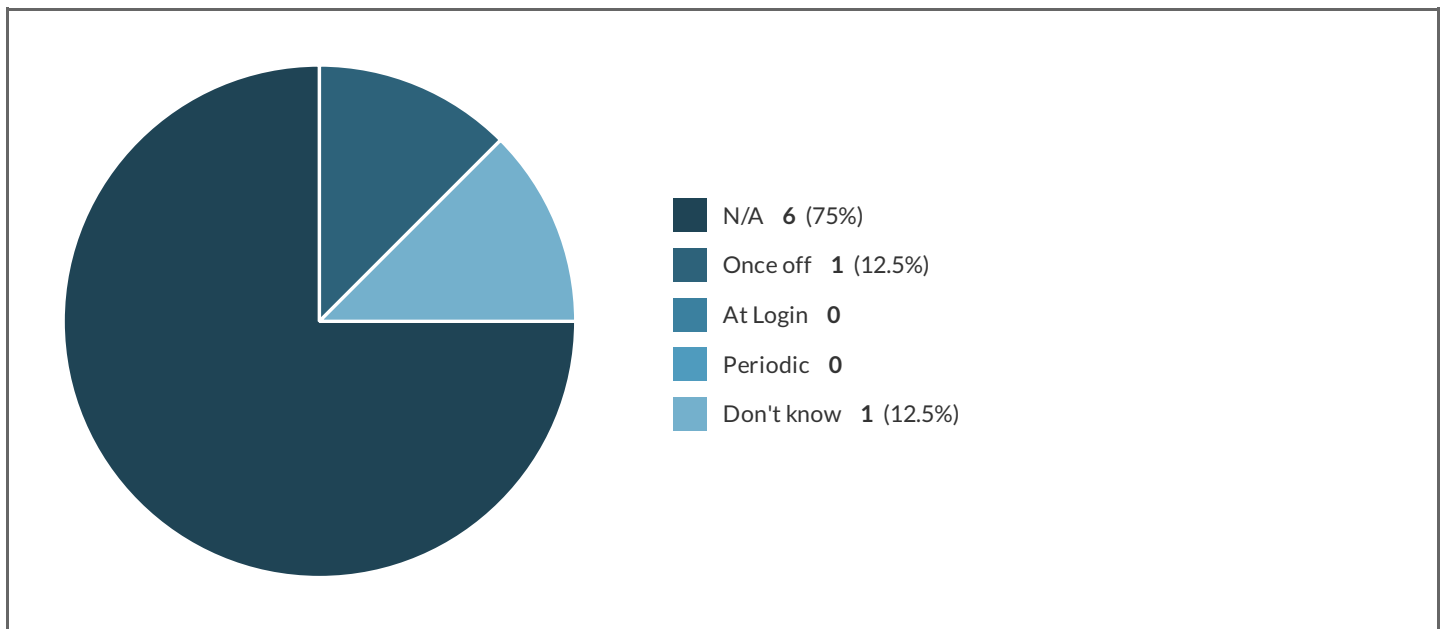
20 Every user in an organisation must have their own account

20.1 Makes it more difficult to create a password

20.1.a Makes it more difficult to create a password - Severity of Cost

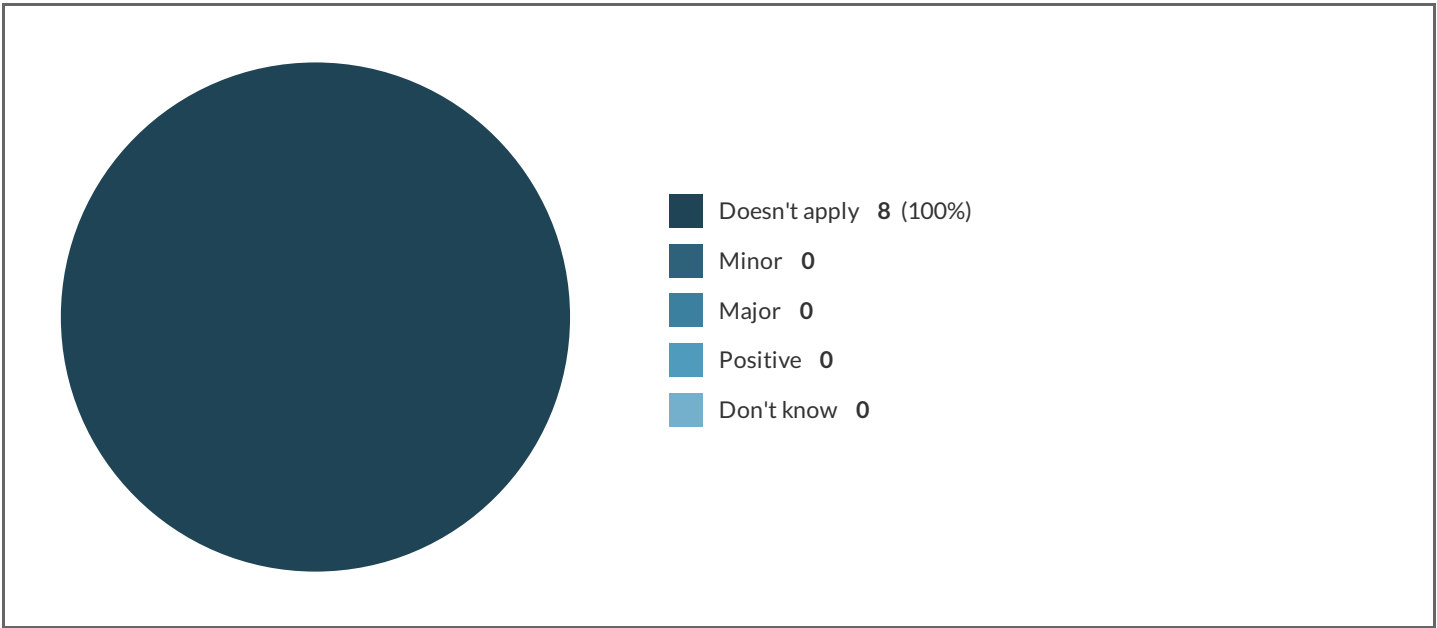


#### 20.1.b Makes it more difficult to create a password - Frequency Cost is Experienced

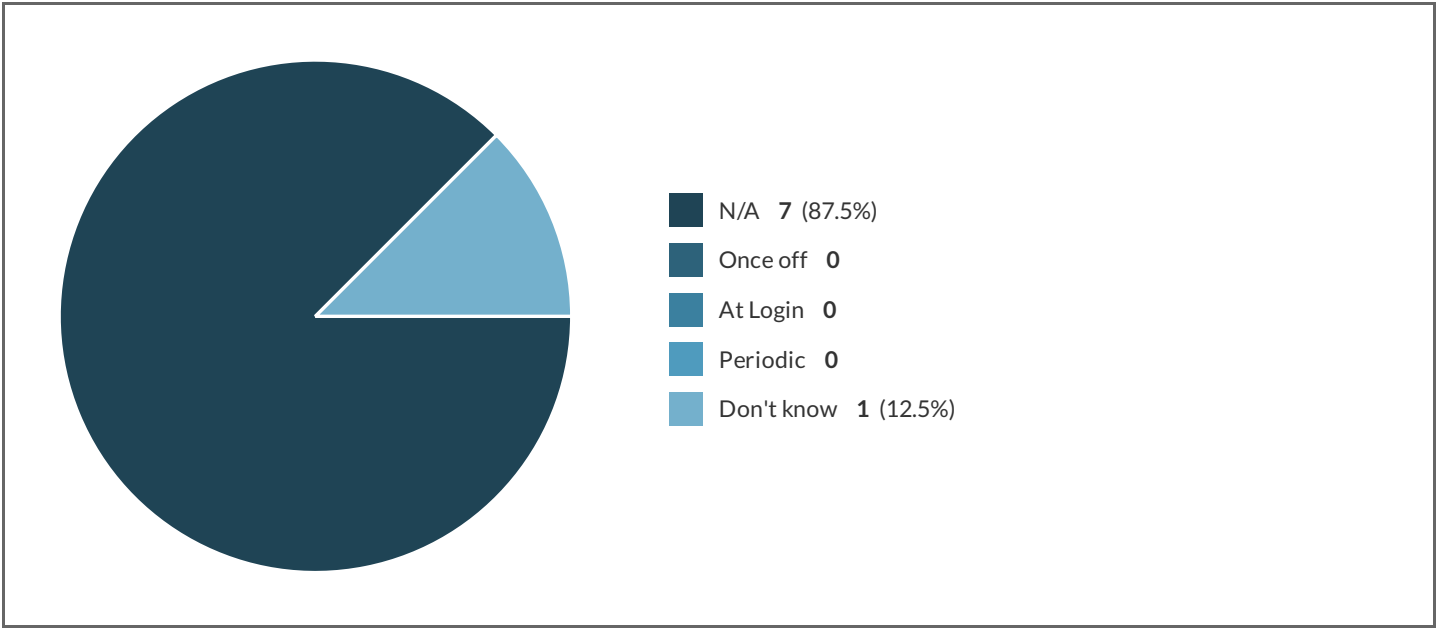


#### 20.2 Makes it less easy to remember

##### 20.2.a Makes it less easy to remember - Severity of Cost

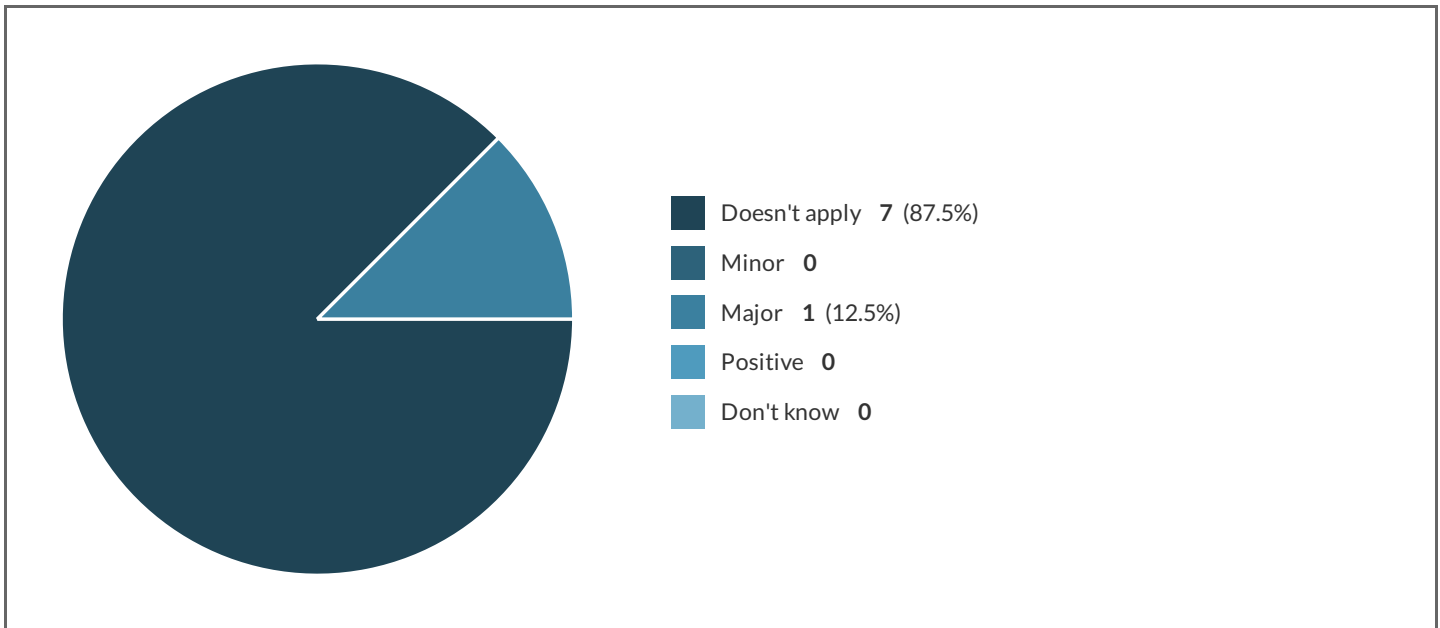


20.2.b Makes it less easy to remember - Frequency Cost is Experienced

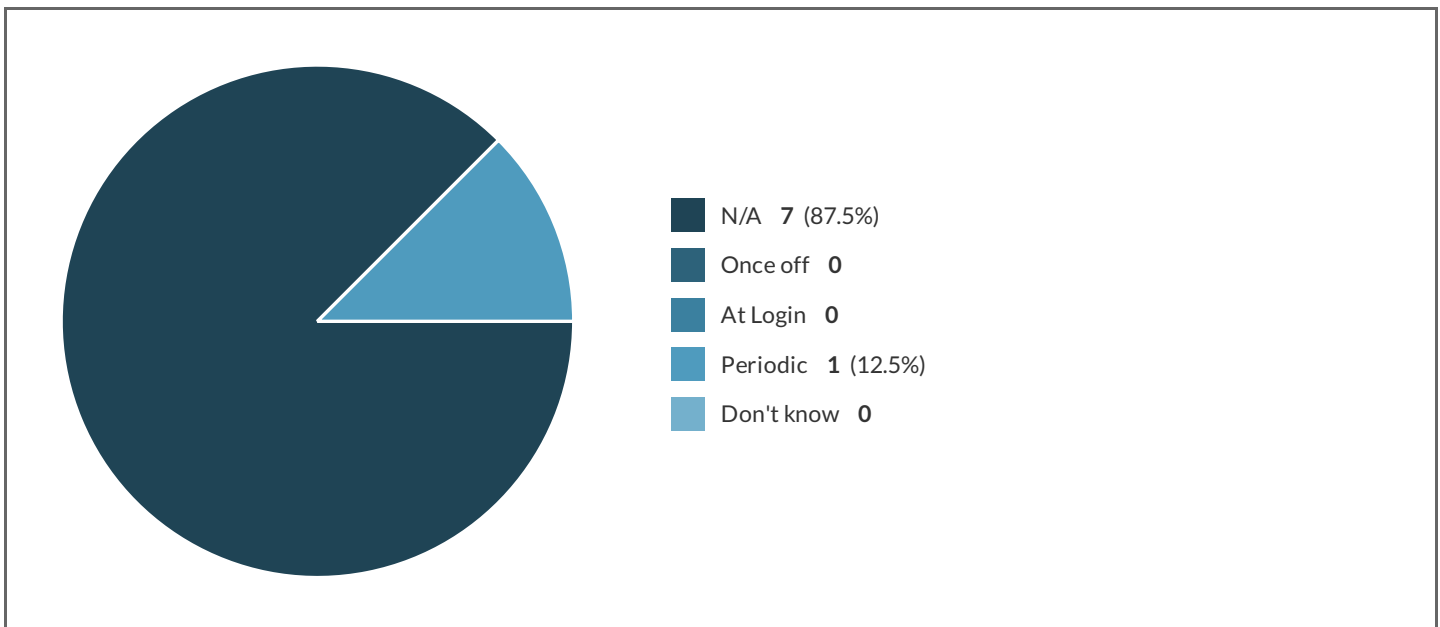


20.3 Requires extra resources

20.3.a Requires extra resources - Severity of Cost

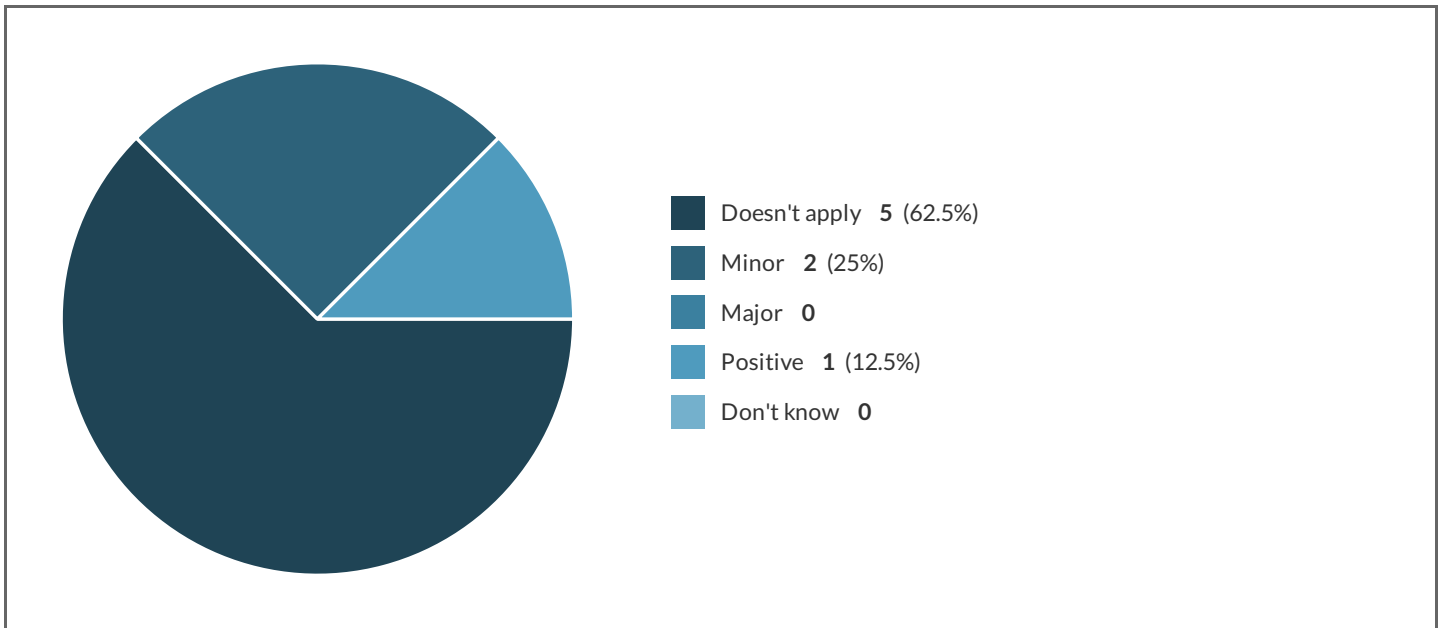


#### 20.3.b Requires extra resources - Frequency Cost is Experienced

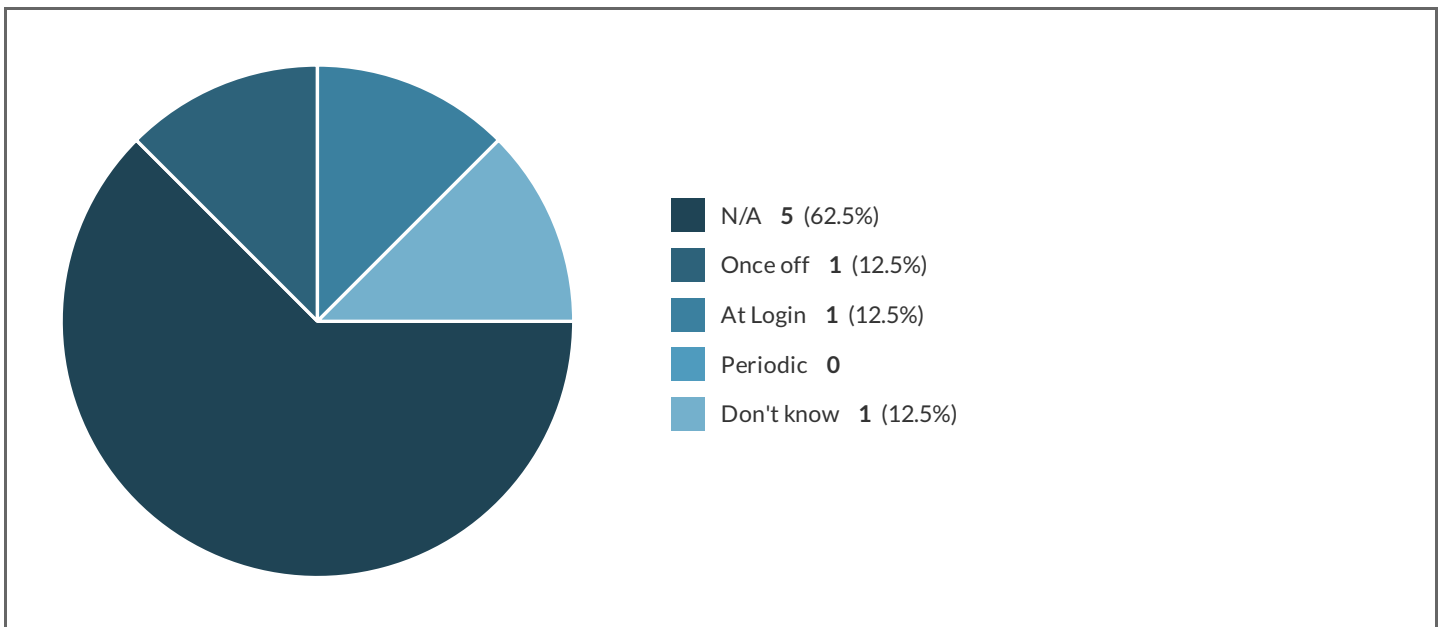


#### 20.4 Requires the creation of a new password

##### 20.4.a Requires the creation of a new password - Severity of Cost

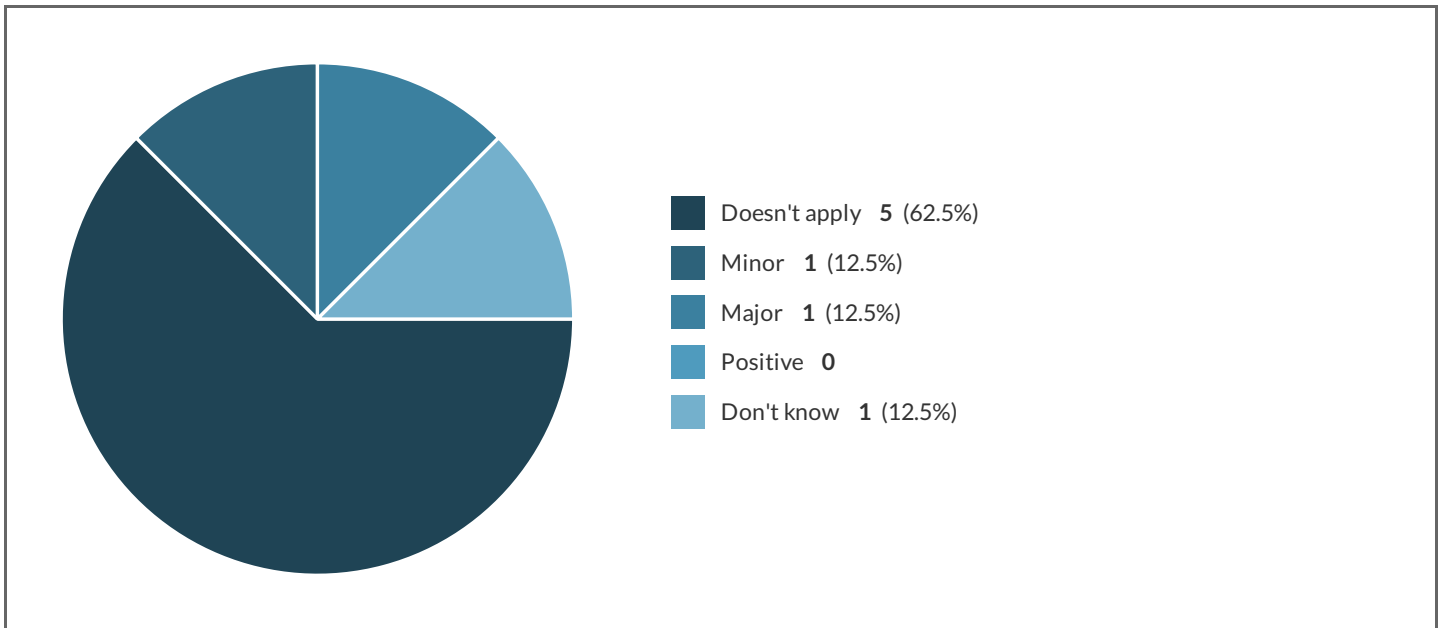


**20.4.b** Requires the creation of a new password - Frequency Cost is Experienced

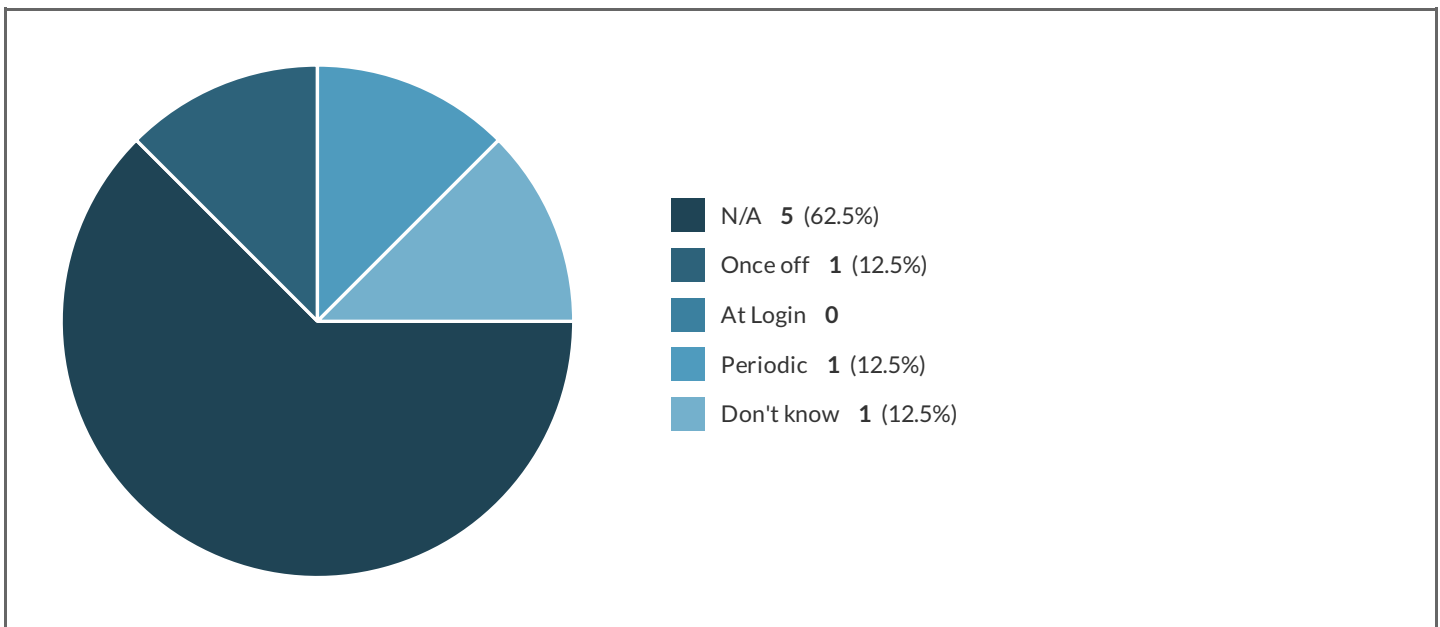


**20.5** Increases the computing power needed

**20.5.a** Increases the computing power needed - Severity of Cost



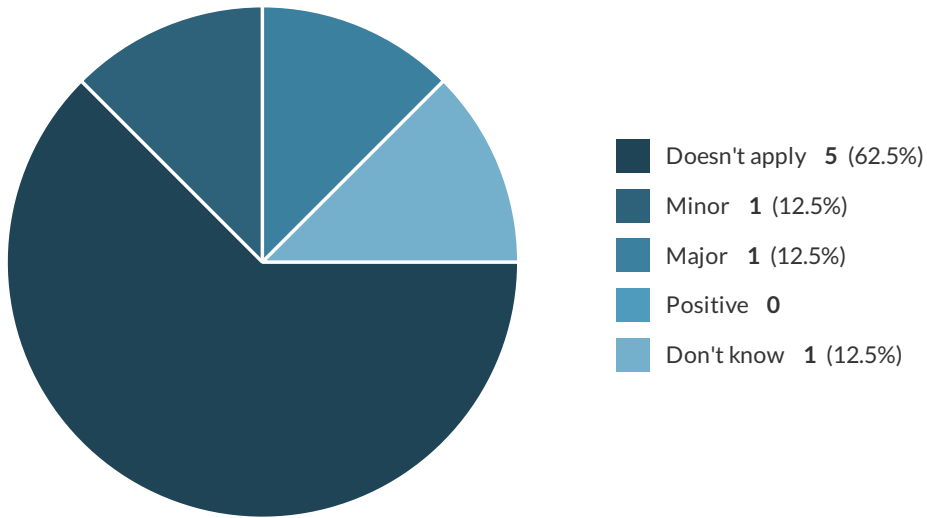
**20.5.b** Increases the computing power needed - Frequency Cost is Experienced



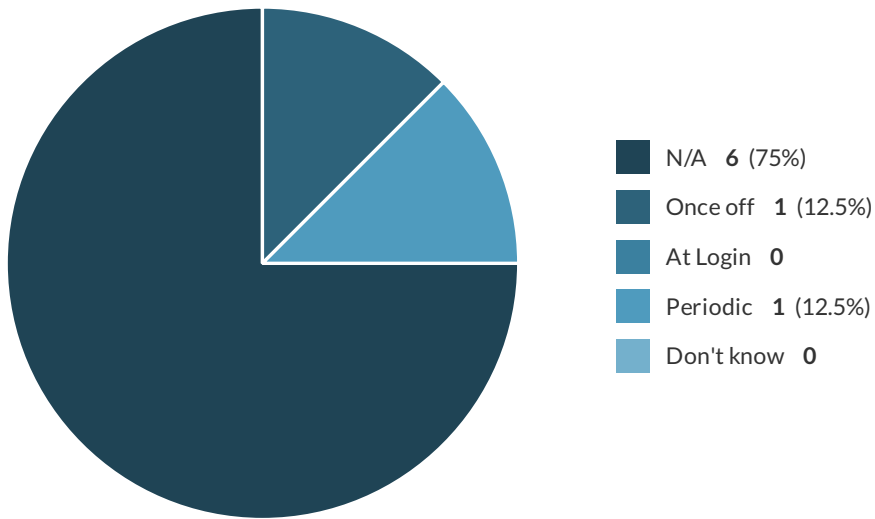
**20.6** Requires other extra time or effort

**20.6.a** Requires other extra time or effort - Severity of Cost

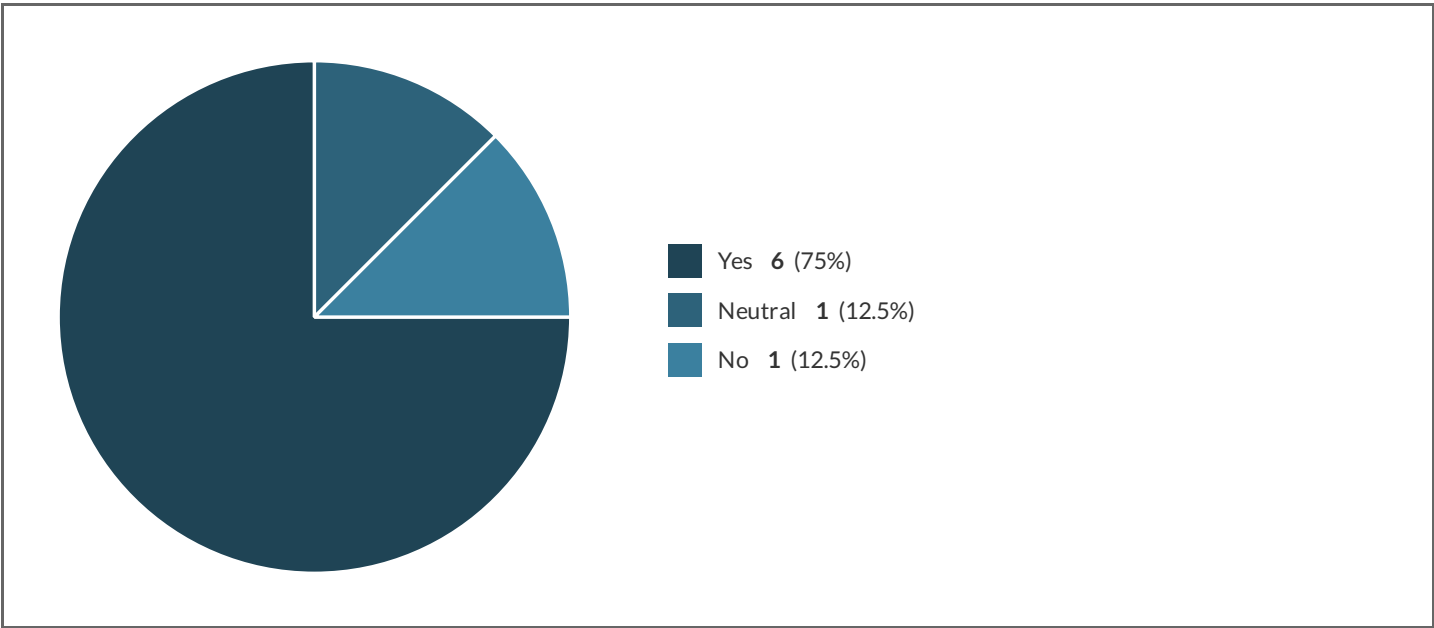




**20.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**20.a** Do you approve of this advice?



20.b Comments

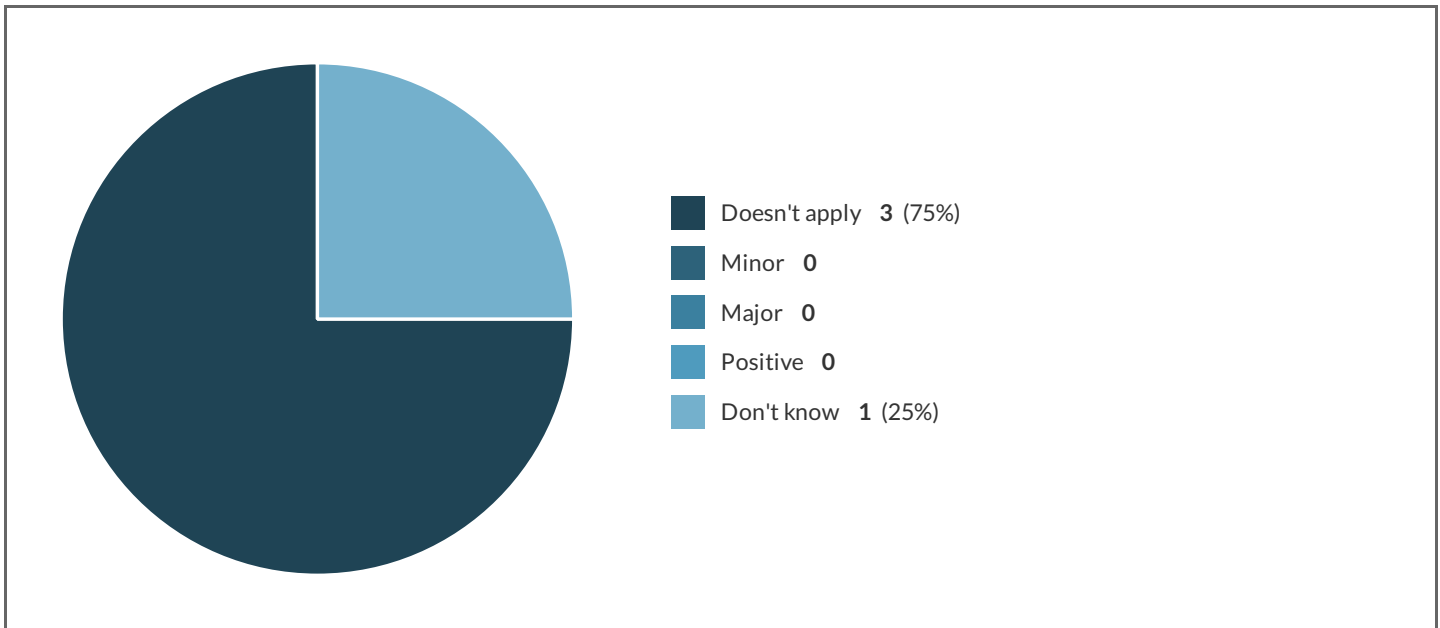
Showing all 3 responses	
I guess it depends on the system in question?	624487-624478-66086963
Depends on what we're using	624487-624478-66101140
Additional storage required for the org. Additional resources around user management and security management. But the alternative is unthinkable now.	624487-624478-66147464

Generated passwords

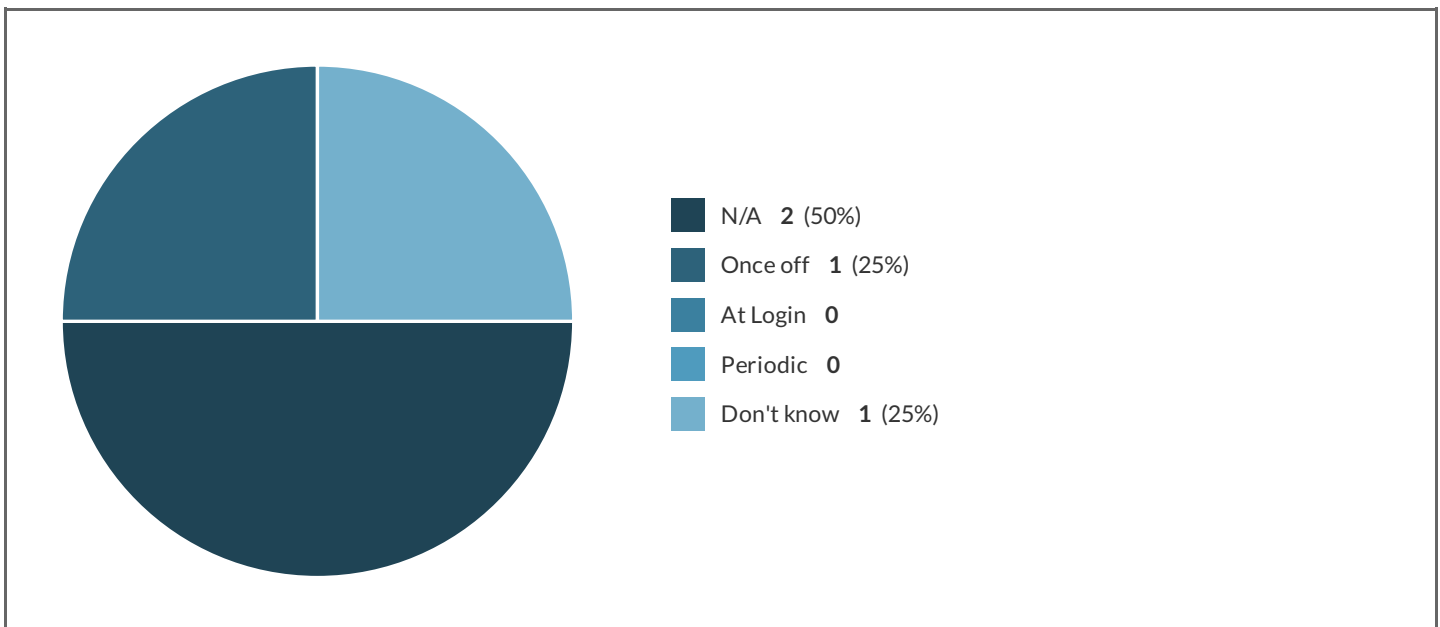
21 Passwords generated for you should be distribute in a sealed envelope

21.1 Makes it more difficult to create a password

21.1.a Makes it more difficult to create a password - Severity of Cost

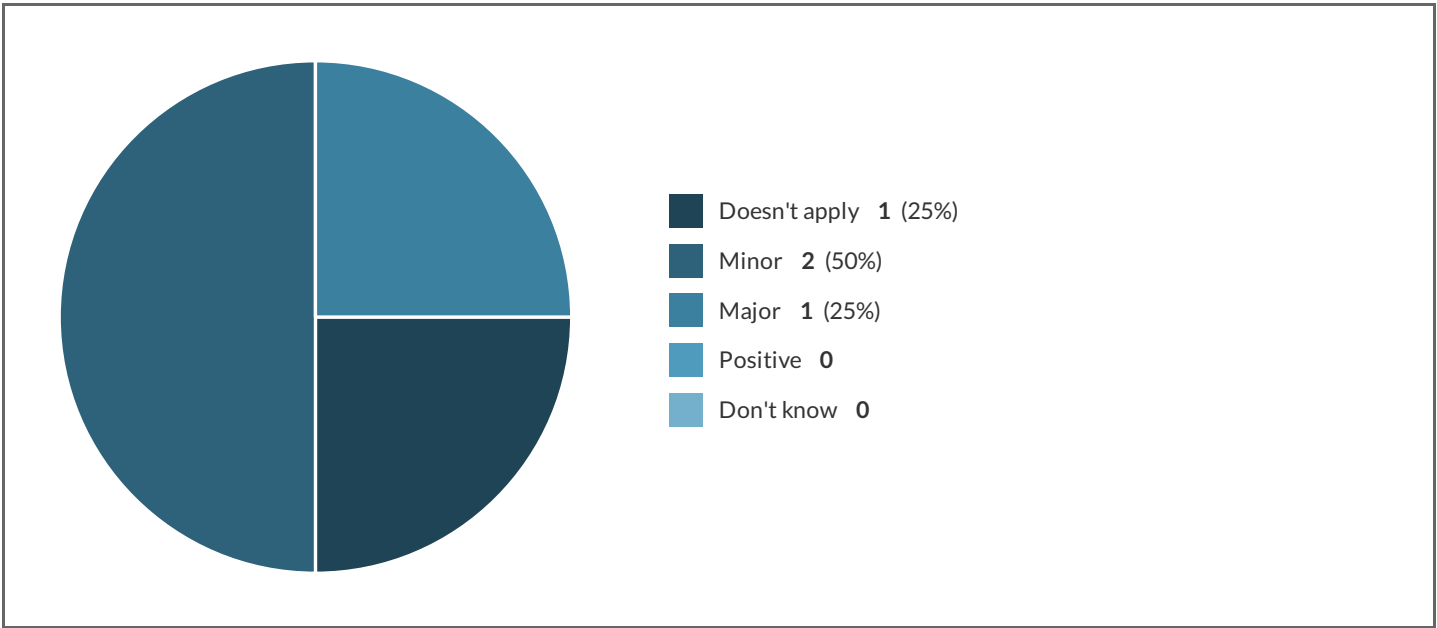


**21.1.b** Makes it more difficult to create a password - Frequency Cost is Experienced

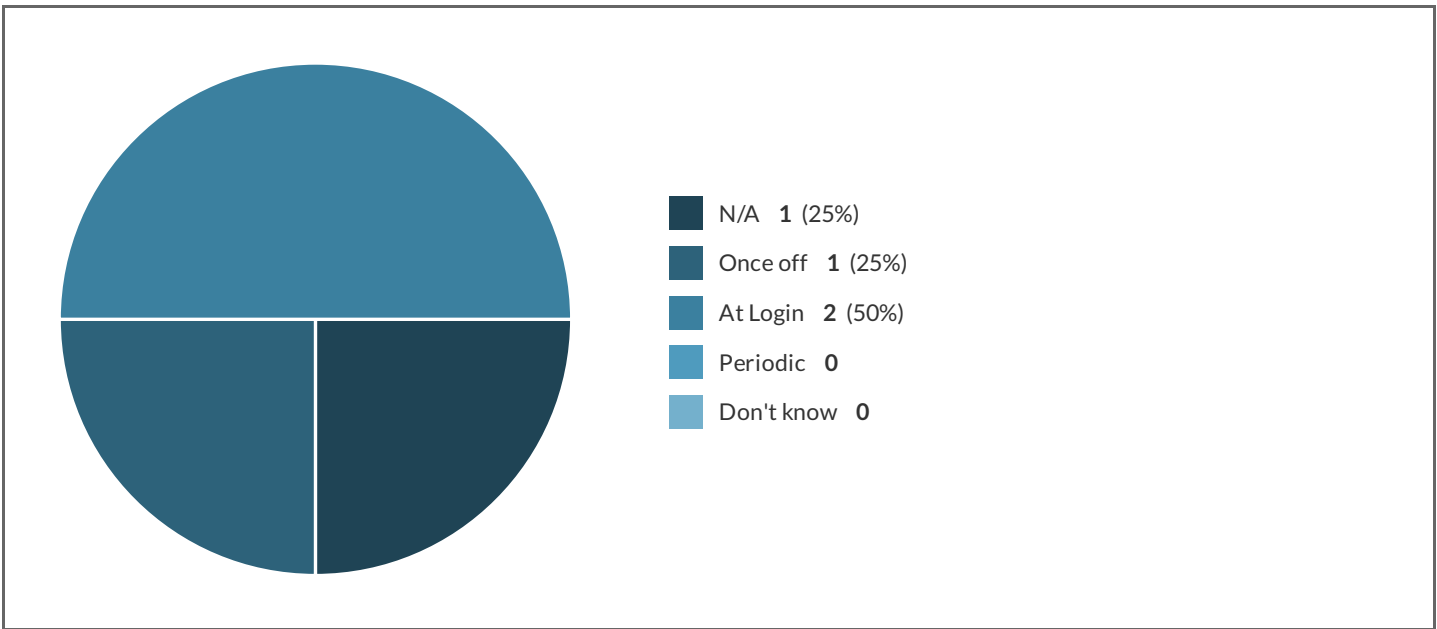


**21.2** Makes it less easy to remember

**21.2.a** Makes it less easy to remember - Severity of Cost

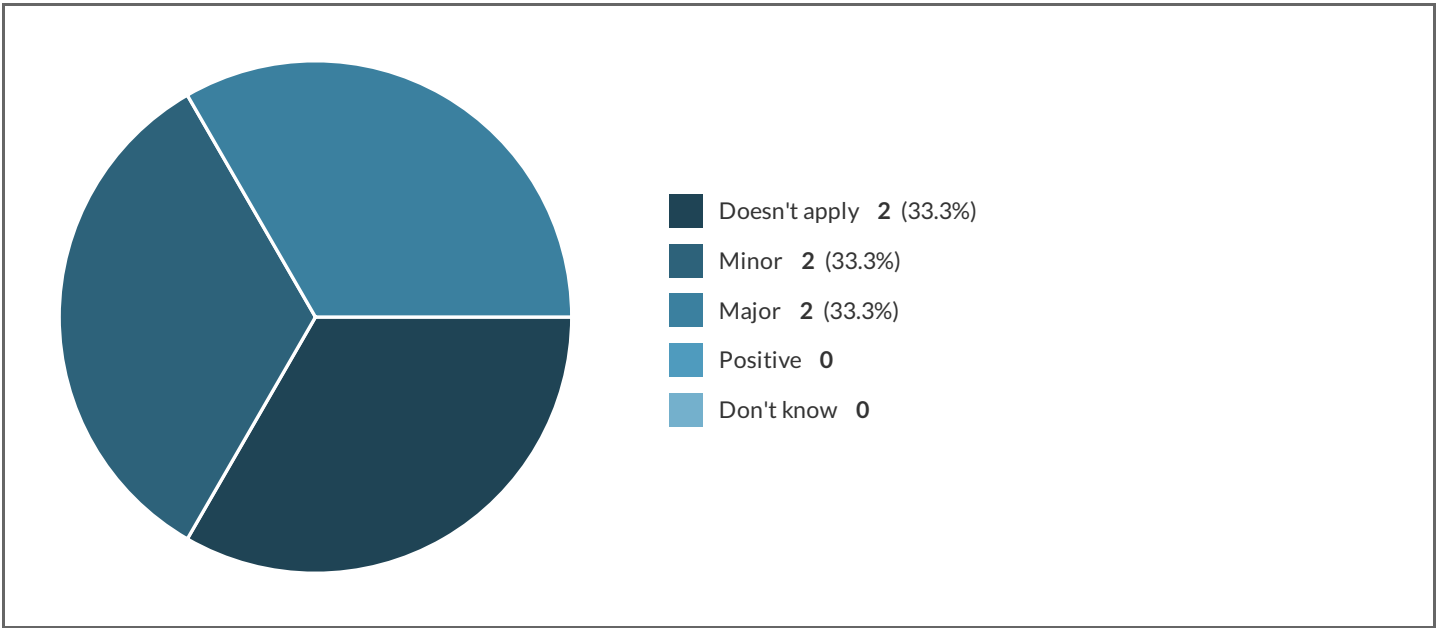


21.2.b Makes it less easy to remember - Frequency Cost is Experienced

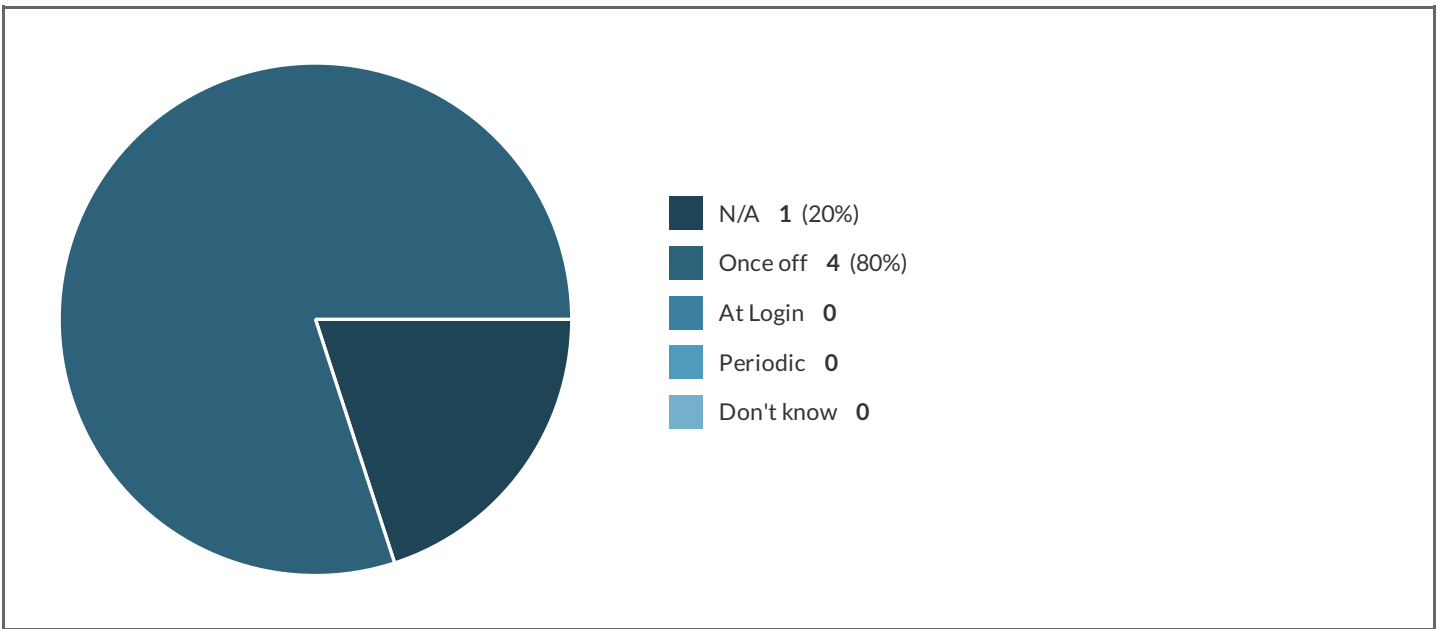


21.3 Requires extra resources

21.3.a Requires extra resources - Severity of Cost

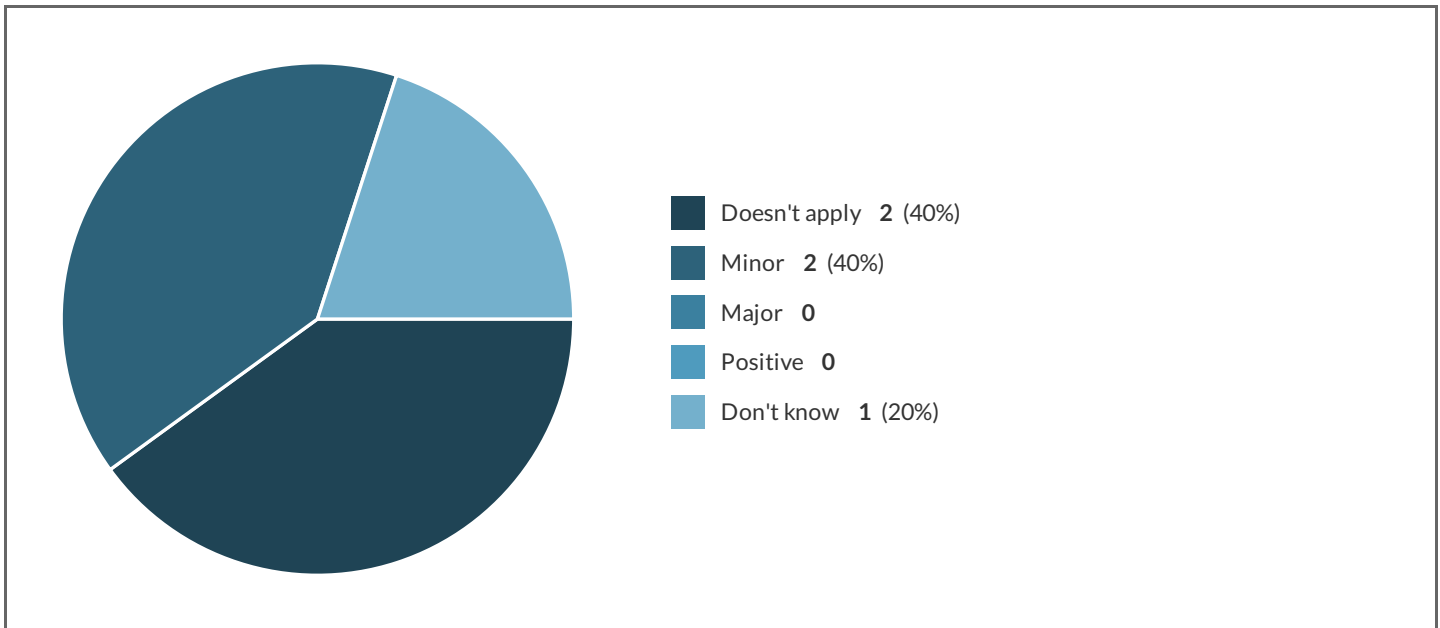


**21.3.b** Requires extra resources - Frequency Cost is Experienced

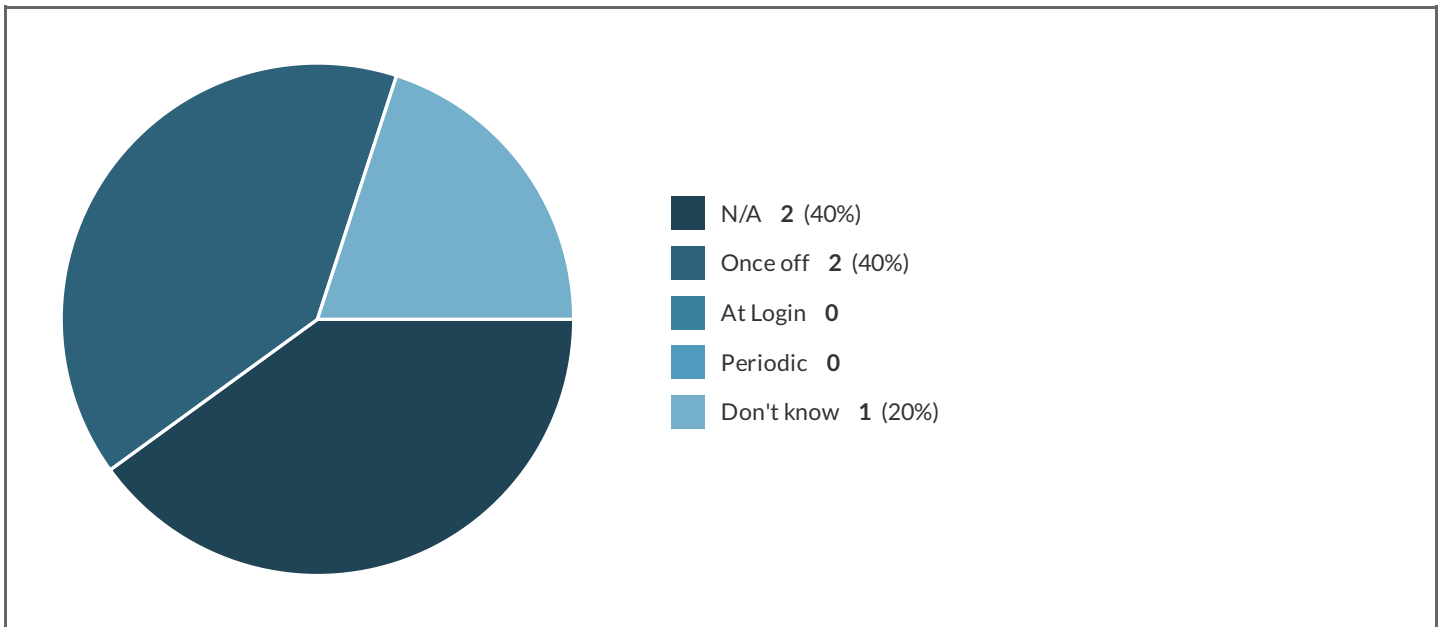


**21.4** Requires the creation of a new password

**21.4.a** Requires the creation of a new password - Severity of Cost

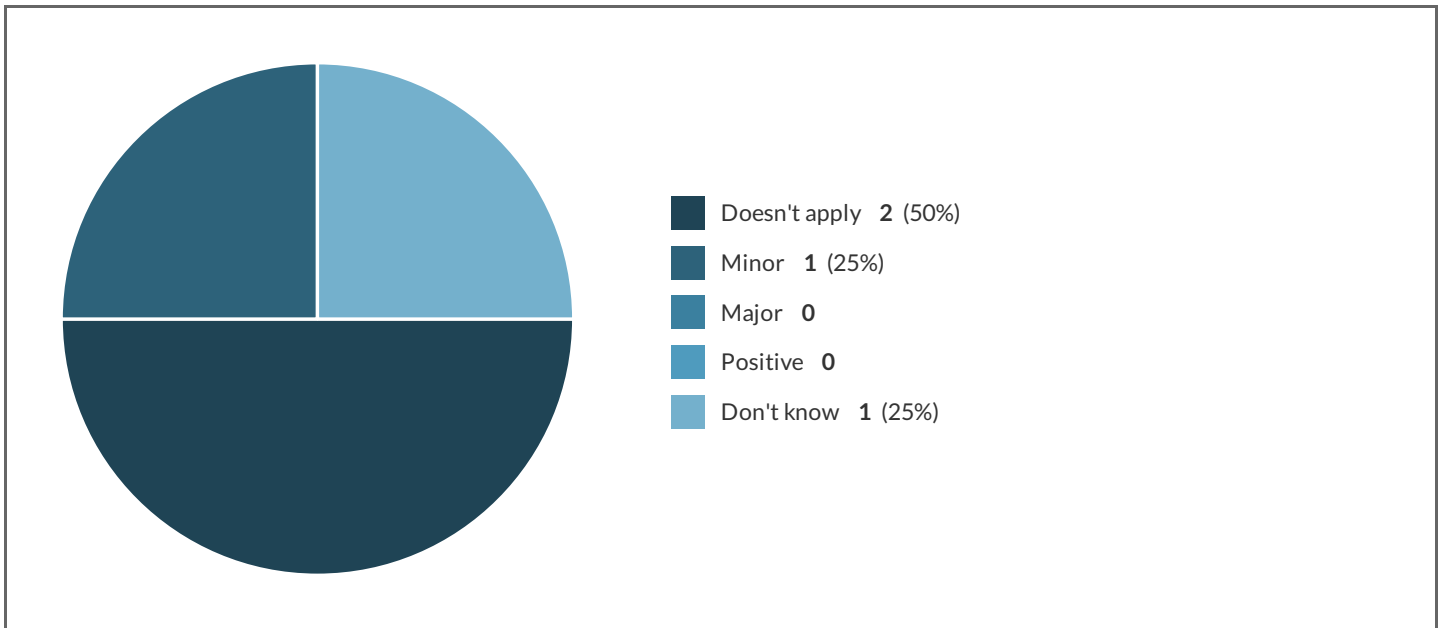


#### 21.4.b Requires the creation of a new password - Frequency Cost is Experienced

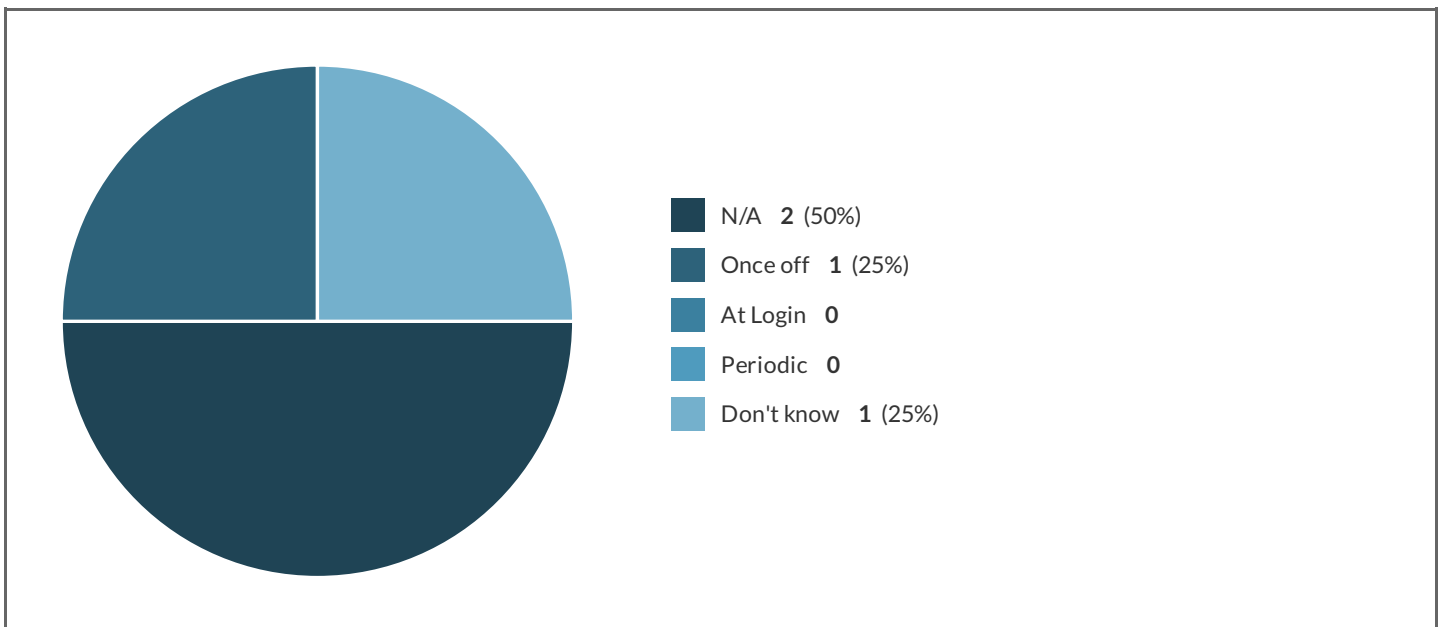


#### 21.5 Increases the computing power needed

##### 21.5.a Increases the computing power needed - Severity of Cost

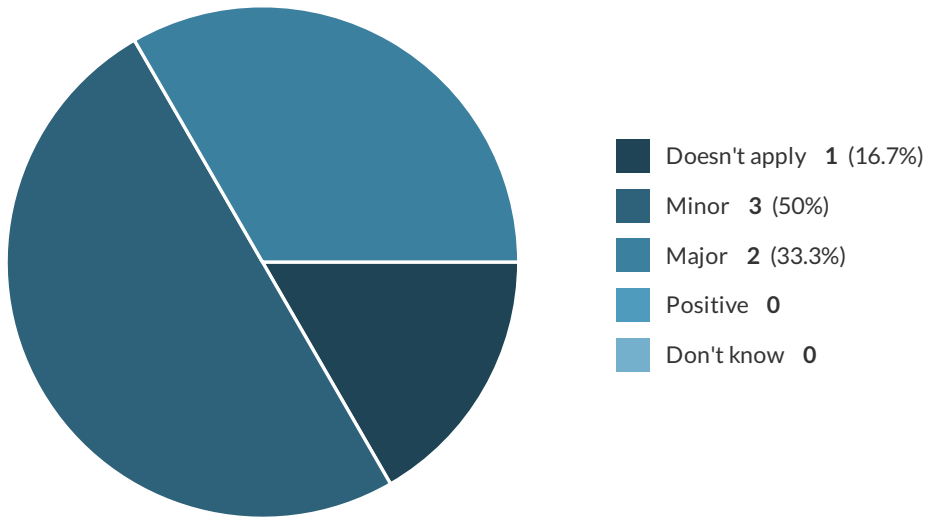


**21.5.b** Increases the computing power needed - Frequency Cost is Experienced

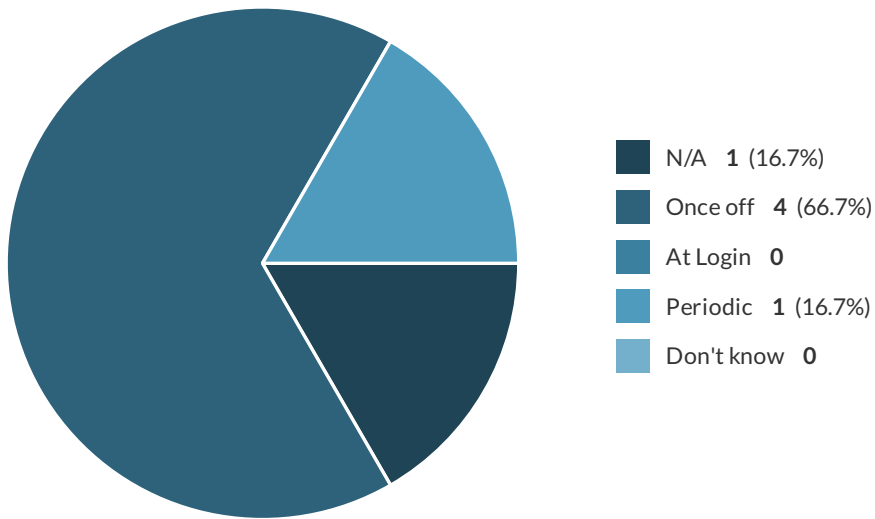


**21.6** Requires other extra time or effort

**21.6.a** Requires other extra time or effort - Severity of Cost

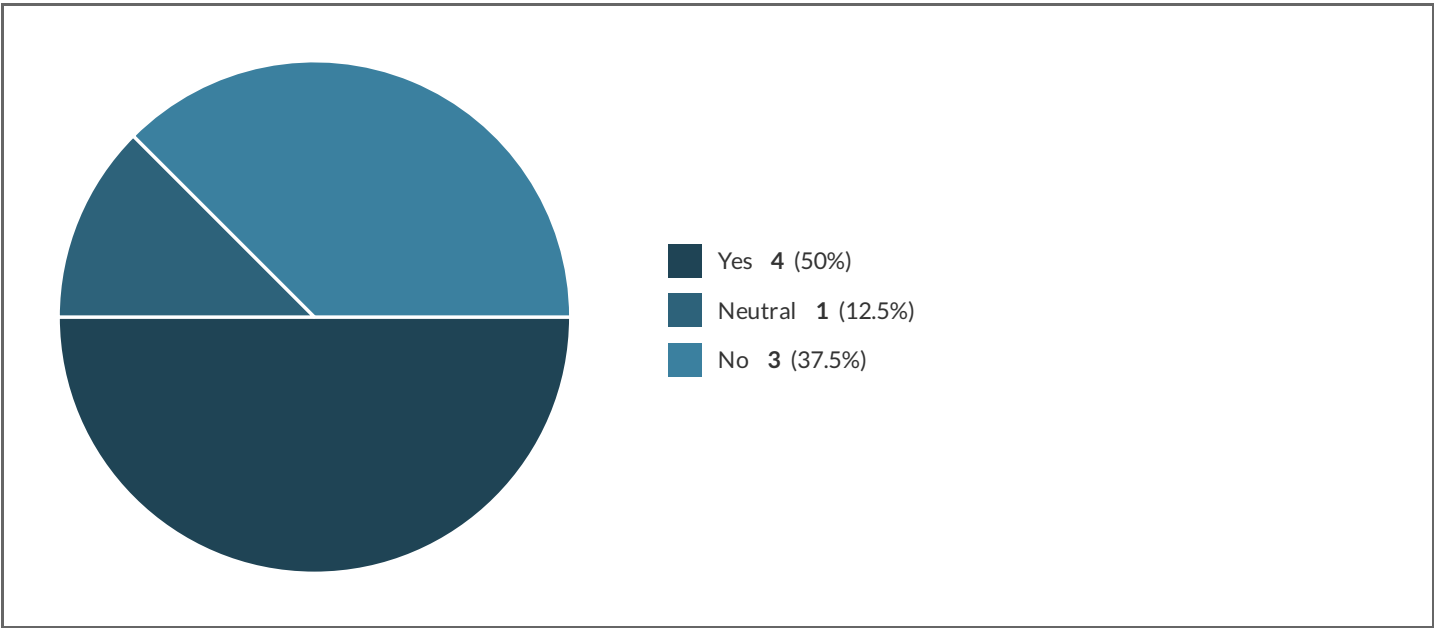


**21.6.b** Requires other extra time or effort - Frequency Cost is Experienced



**21.a** Do you approve of this advice?



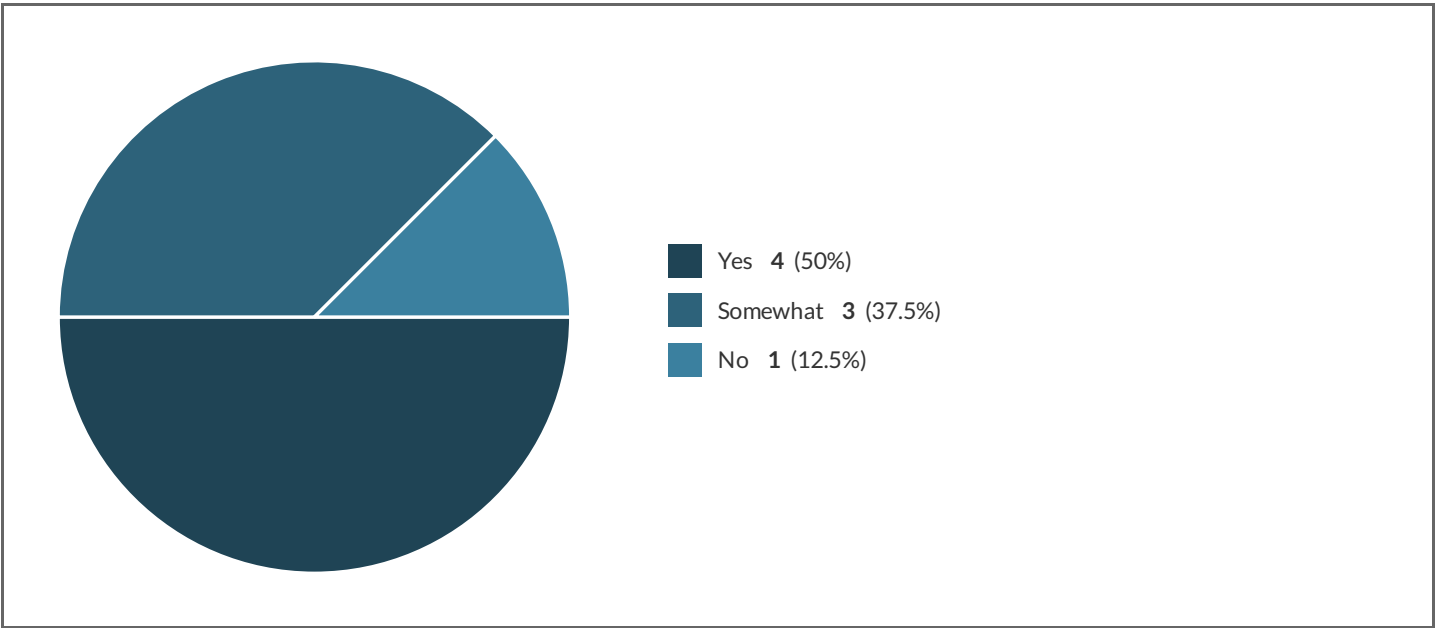


21.b Comments

Showing all 4 responses	
I thought it was common wisdom not to write down passwords.	624487-624478-66086963
Good idea for mass sign-up, eg students at start of year. Very costly for the org though.	624487-624478-66147464
Issue temp password and insist on changing it on 1st login.	624487-624478-66149144
But I'd prefer forcing changing the password at first login especially when using a password manager	624487-624478-66173650

Final Comments

22 Do you agree with the six cost categories that were used in the survey?



22.a Are there any cost categories that you think should be added or removed?

Showing 1 response	
In most cases the categories seemed not applicable to the points so most were of no cost to me.	624487-624478-66149144

23 This is the end of the survey do you have any final comments?

Showing all 3 responses	
My password is hunter2. Good luck Hazel!	624487-624478-66086963
I got confused at times considering the questions from the point of view of the user, or the organisation.	624487-624478-66147464
Use a password manager, it contribute to a more secure environment if only because most of the constraints of current password based system just disappear with one	624487-624478-66173650