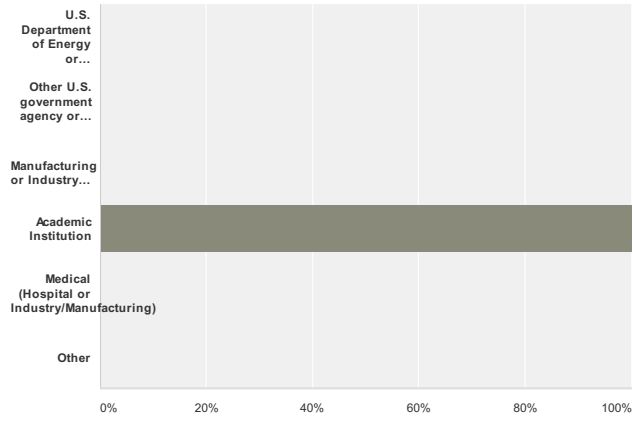


Laser Safety Performance Metrics

Q1 Affiliation:

Answered: 18 Skipped: 0

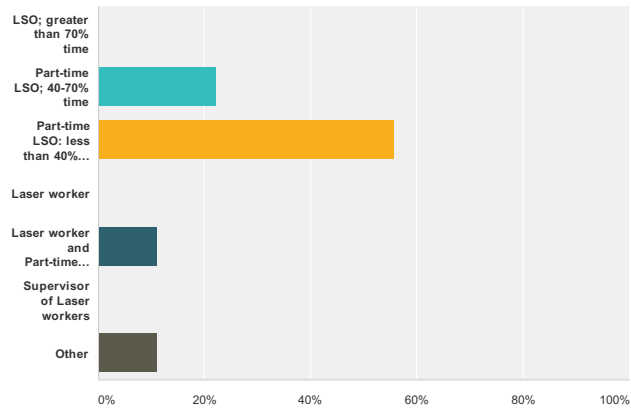


Answer Choices	Responses
U.S. Department of Energy or DOE facility	0% 0
Other U.S. government agency or military	0% 0
Manufacturing or Industry (non-medical)	0% 0
Academic Institution	100% 18
Medical (Hospital or Industry/Manufacturing)	0% 0
Other	0% 0
Total	18

Laser Safety Performance Metrics

Q2 Laser-related job function: (Choose one answer that is the best match)

Answered: 18 Skipped: 0

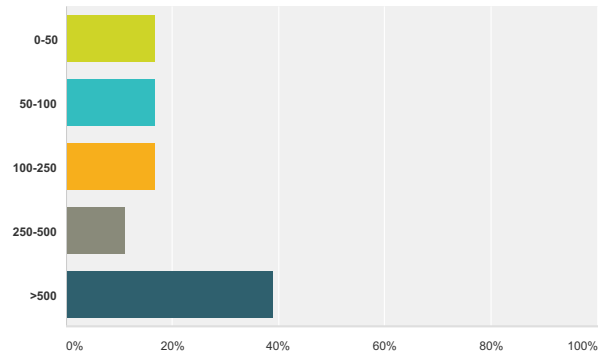


Answer Choices	Responses	Count
LSO; greater than 70% time	0%	0
Part-time LSO; 40-70% time	22.22%	4
Part-time LSO; less than 40% time	55.56%	10
Laser worker	0%	0
Laser worker and Part-time LSO	11.11%	2
Supervisor of Laser workers	0%	0
Other	11.11%	2
Total		18

Laser Safety Performance Metrics

Q3 Approximate number of laser operators at your institution/facility (or in your area of responsibility):

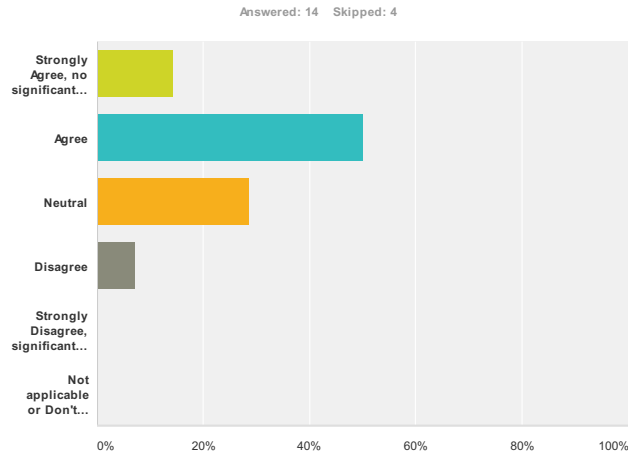
Answered: 18 Skipped: 0



Answer Choices	Responses	
0-50	16.67%	3
50-100	16.67%	3
100-250	16.67%	3
250-500	11.11%	2
>500	38.89%	7
Total		18

Laser Safety Performance Metrics

Q4 Laser Safety Supervisors are those who have line management responsibilities for safe laser operations in their lab. They must provide good site-specific On-the-Job Training, and do a good job managing and overseeing safe laser operations in their laser lab. They should visit the lab regularly and interact with laser operators, observing and discussing their work How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, laser safety supervisors perform their job functions well no significant improvements are needed to reduce risk of a laser injury incident.

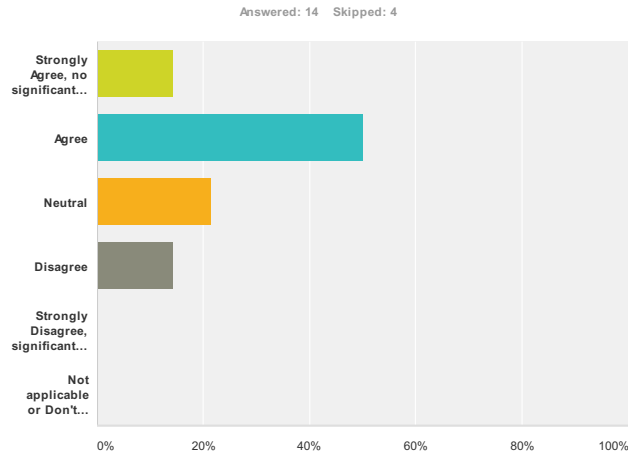


Answer Choices	Responses	
Strongly Agree, no significant improvements are needed	14.29%	2
Agree	50%	7
Neutral	28.57%	4
Disagree	7.14%	1
Strongly Disagree, significant improvements are needed	0%	0
Not applicable or Don't Know	0%	0
Total		14

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q5 Laser Safety Supervisors are those who have line management responsibilities for safe laser operations in their lab. They must provide good site-specific On-the-Job Training, and do a good job managing and overseeing safe laser operations in their laser lab. They should visit the lab regularly and interact with laser operators, observing and discussing their work How well do you agree with the following statement? Laser safety supervisors at my institution/facility that I am familiar with perform their job functions well; no significant improvements are needed to reduce risk of a laser injury incident.



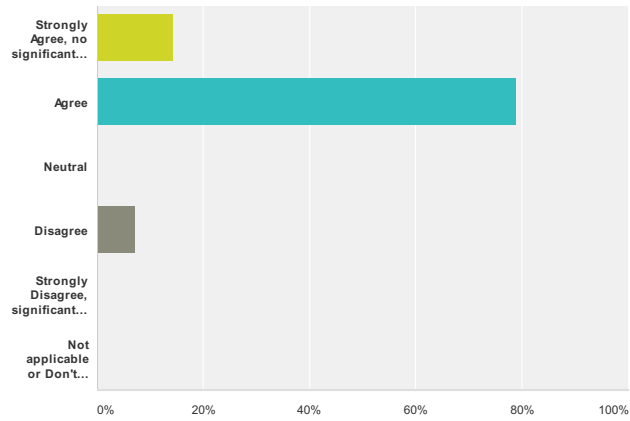
Answer Choices	Responses	
Strongly Agree, no significant improvements are needed	14.29%	2
Agree	50%	7
Neutral	21.43%	3
Disagree	14.29%	2
Strongly Disagree, significant improvements are needed	0%	0
Not applicable or Don't Know	0%	0
Total		14

#	Additional comments:	Date
1	I would state that the key words here are the laser safety supervisors that I am "familiar" with. I know of other laser safety supervisors who are not as diligent.	9/3/2013 11:11 AM
2	Some supervisors are very good; others not so much. So hard to give a generalized answer.	9/3/2013 9:52 AM

Laser Safety Performance Metrics

Q6 Available equipment and laser lab configuration: How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, these are good and are effective; no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 14 Skipped: 4



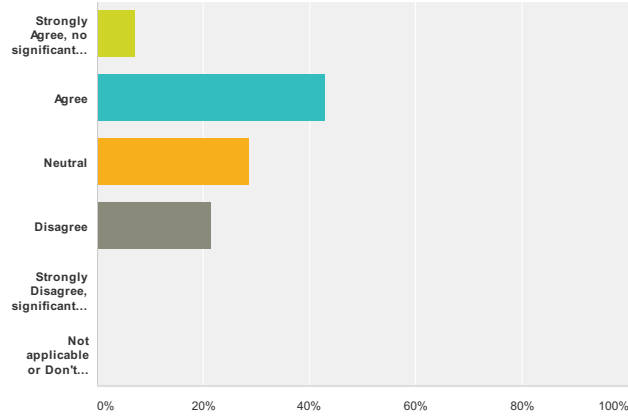
Answer Choices	Responses	Count
Strongly Agree, no significant improvements are needed	14.29%	2
Agree	78.57%	11
Neutral	0%	0
Disagree	7.14%	1
Strongly Disagree, significant improvements are needed	0%	0
Not applicable or Don't Know	0%	0
Total		14

#	Additional comments:	Date
1	In fact many workers (and visitors) find out laser labs rules over ebearing.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q7 Available equipment and laser lab configuration: How well do you agree with the following statement? Within the laser labs at your facility/institution that you are familiar with, these are good and are effective; no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 14 Skipped: 4



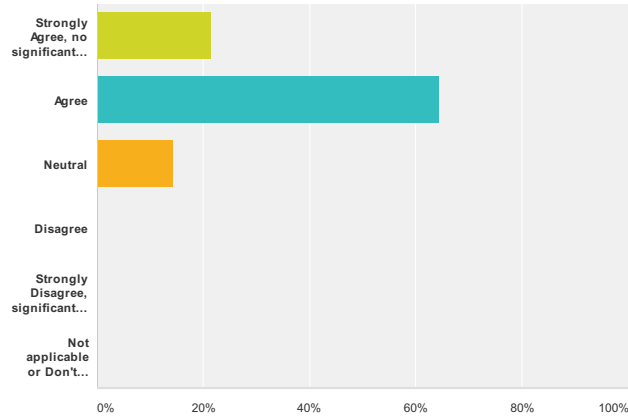
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	7.14% 1
Agree	42.86% 6
Neutral	28.57% 4
Disagree	21.43% 3
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	0% 0
Total	14

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q8 Engineering Controls (such as interlocks, safety shutters, barriers and Class 1 enclosures): How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, these are well done and are effective no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 14 Skipped: 4



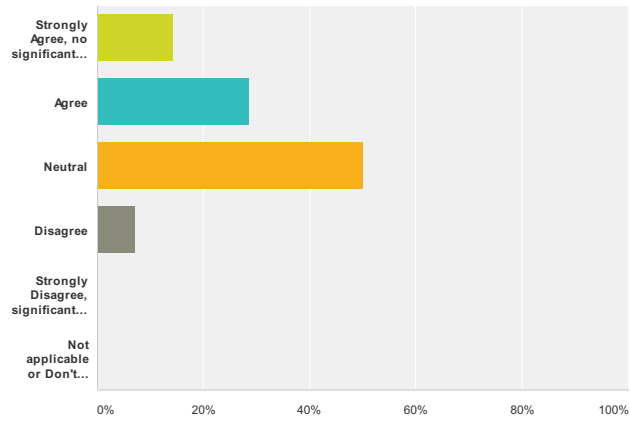
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	21.43% 3
Agree	64.29% 9
Neutral	14.29% 2
Disagree	0% 0
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	0% 0
Total	14

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q9 Engineering Controls (such as interlocks, safety shutters, barriers and Class 1 enclosures): How well do you agree with the following statement? Within the laser labs that you are familiar with at your institution/facility, these are well done and are effective; no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 14 Skipped: 4



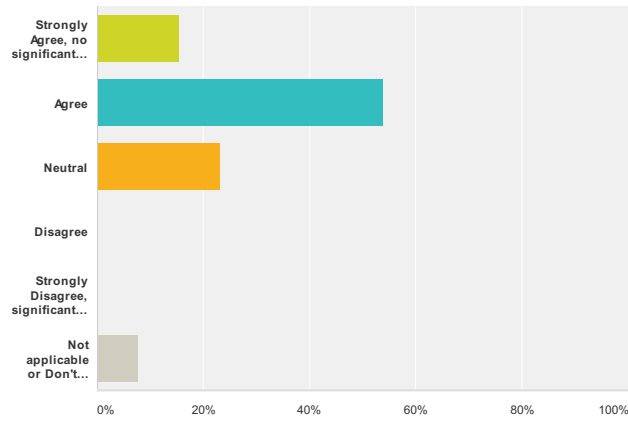
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	14.29% 2
Agree	28.57% 4
Neutral	50% 7
Disagree	7.14% 1
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	0% 0
Total	14

#	Additional comments:	Date
1	Although the laser supervisors, with which I have spoken, are highly competent, the support budget for safety equipment has not always been sufficient.	9/3/2013 7:42 AM

Laser Safety Performance Metrics

Q10 Standard Operating Procedure (SOP) document: this is prepared by laser safety supervisors and is used for initial training, as a reference for safe operating procedures, and for documenting laser hazards and controls and safety requirements. How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, the SOP document accomplishes these goals well; no significant improvements to the SOP are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



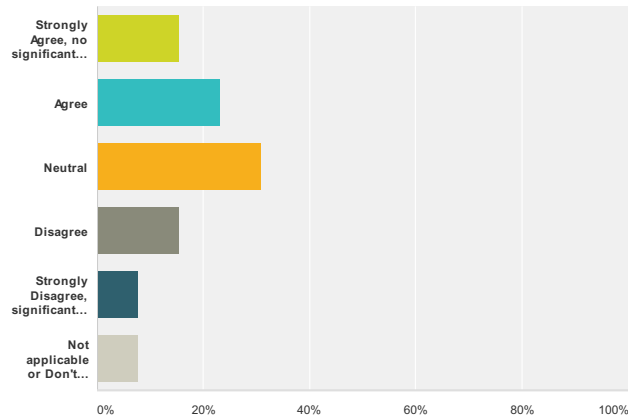
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	15.38% 2
Agree	53.85% 7
Neutral	23.08% 3
Disagree	0% 0
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	7.69% 1
Total	13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q11 Standard Operating Procedure (SOP) document: this is prepared by laser safety supervisors and is used for initial training, as a reference for safe operating procedures, and for documenting laser hazards and controls and safety requirements. How well do you agree with the following statement? Within the laser labs in which you are familiar at your institution/facility, the SOP document accomplishes these goals well; no significant improvements to the SOP are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



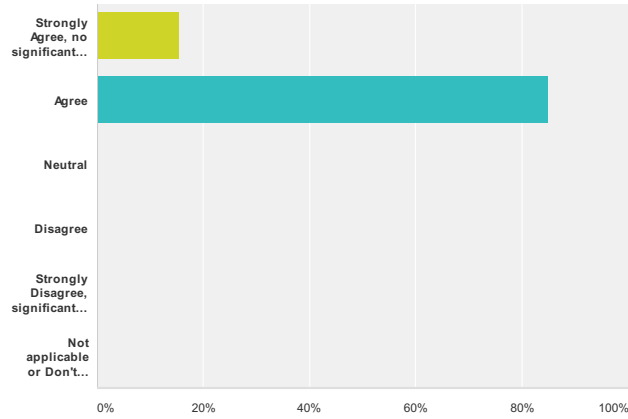
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	15.38% 2
Agree	23.08% 3
Neutral	30.77% 4
Disagree	15.38% 2
Strongly Disagree, significant improvements are needed	7.69% 1
Not applicable or Don't Know	7.69% 1
Total	13

#	Additional comments:	Date
1	Our laser program is relatively new and I have not evaluated individual SOPs	9/3/2013 7:42 AM
2	There are some lab supervisors who need much more oversight and encouragement in writing and implementing stronger SOPs than others, though they all agree to its value.	9/3/2013 5:51 AM

Laser Safety Performance Metrics

Q12 Practicing safe laser procedures: How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, laser operators work safely, adhering to safe practices. No significant improvements are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



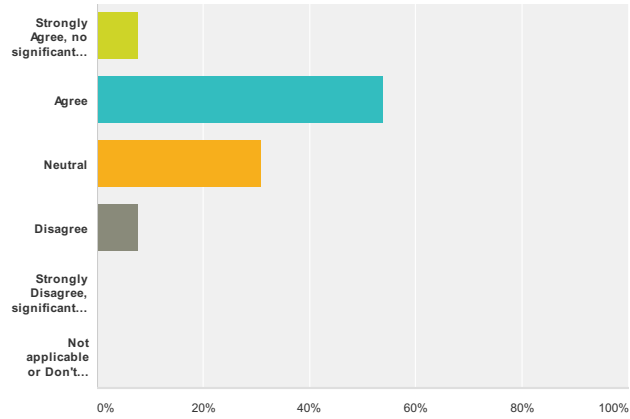
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	15.38% 2
Agree	84.62% 11
Neutral	0% 0
Disagree	0% 0
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	0% 0
Total	13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q13 Practicing safe laser procedures: How well do you agree with the following statement? Within the laser labs you are familiar with at your institution/facility, laser operators work safely, adhering to safe practices. No significant improvements are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



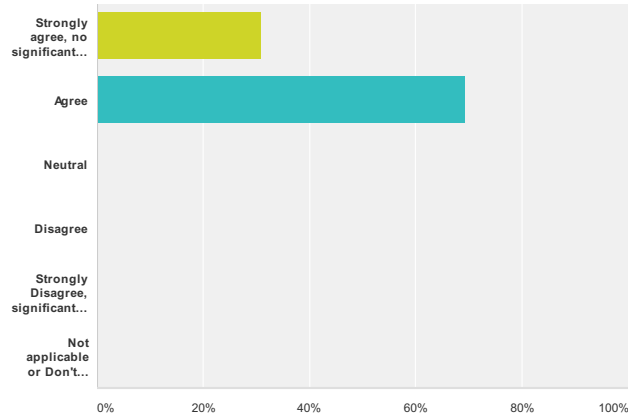
Answer Choices	Responses
Strongly Agree, no significant improvements are needed	7.69% 1
Agree	53.85% 7
Neutral	30.77% 4
Disagree	7.69% 1
Strongly Disagree, significant improvements are needed	0% 0
Not applicable or Don't Know	0% 0
Total	13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q14 Laser eyewear requirements and available laser eyewear: How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, these are implemented well and are effective, and it is easy to comply with the laser eyewear requirements; no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



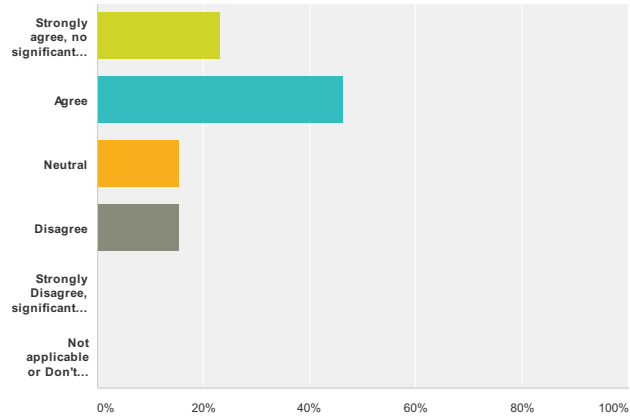
Answer Choices	Responses	
Strongly agree, no significant improvements are needed	30.77%	4
Agree	69.23%	9
Neutral	0%	0
Disagree	0%	0
Strongly Disagree, significant improvements are needed	0%	0
Not applicable or Don't Know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q15 Laser eyewear requirements and available laser eyewear: How well do you agree with the following statement? Within the laser labs which you are familiar with at your institution/facility, these are implemented well and are effective, and it is easy to comply with the laser eyewear requirements; no significant improvements are needed to reduce risk of a laser injury incident.

Answered: 13 Skipped: 5



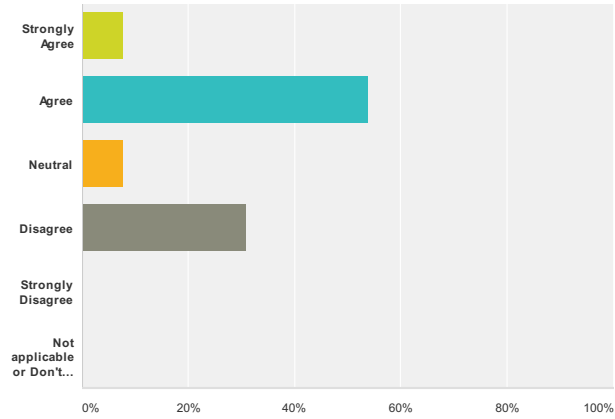
Answer Choices	Responses	
Strongly agree, no significant improvements are needed	23.08%	3
Agree	46.15%	6
Neutral	15.38%	2
Disagree	15.38%	2
Strongly Disagree, significant improvements are needed	0%	0
Not applicable or Don't Know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q16 Laser eyewear practices (Part 1): How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? Within the laser labs in which you work, laser eyewear requirements are always adhered to. I am not aware of laser operators intentionally or mistakenly violating a laser eyewear requirement.

Answered: 13 Skipped: 5



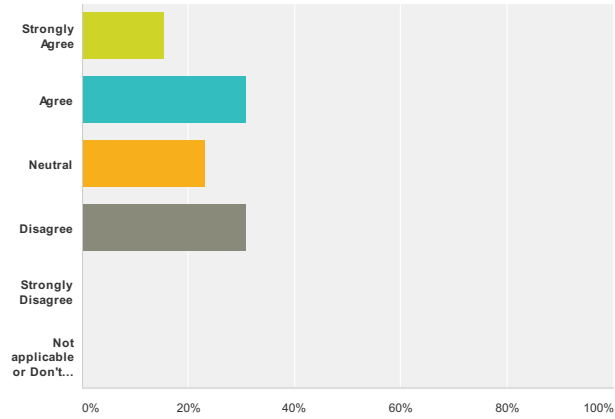
Answer Choices	Responses
Strongly Agree	7.69% 1
Agree	53.85% 7
Neutral	7.69% 1
Disagree	30.77% 4
Strongly Disagree	0% 0
Not applicable or Don't Know	0% 0
Total	13

#	Additional comments:	Date
1	I do know of some laser operators who temporarily remove their eyewear in order to see test equipment screens more clearly. This is especially so if the eyewear covers a range of wavelengths.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q17 Laser eyewear practices (Part 1): How well do you agree with the following statement? Within the laser labs which you are familiar with at your institution/facility, laser eyewear requirements are always adhered to. I am not aware of laser operators intentionally or mistakenly violating a laser eyewear requirement.

Answered: 13 Skipped: 5



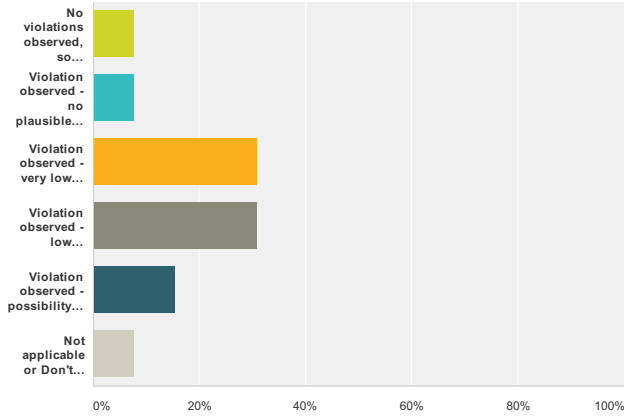
Answer Choices	Responses	
Strongly Agree	15.38%	2
Agree	30.77%	4
Neutral	23.08%	3
Disagree	30.77%	4
Strongly Disagree	0%	0
Not applicable or Don't Know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q18 Laser Eyewear Practices (Part 2): How would you expect laser operators at your institution/facility to answer on agreeing with the following statement? If a laser eyewear requirement has been observed to be violated, whether intentional or by mistake, estimate the potential for a hazardous exposure of the most severe violation observed.

Answered: 13 Skipped: 5



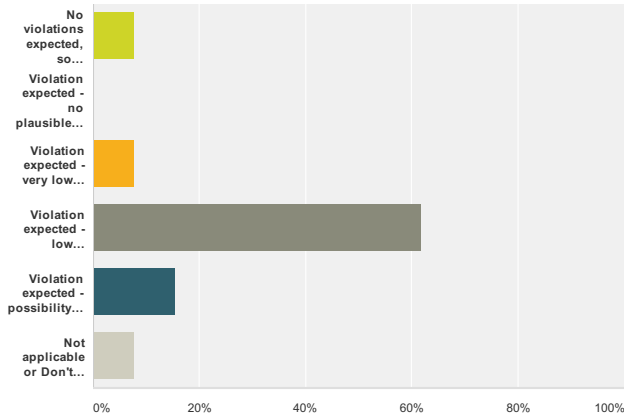
Answer Choices	Responses
No violations observed, so no related possibility for hazardous exposure	7.69% 1
Violation observed - no plausible possibility for hazardous exposure	7.69% 1
Violation observed - very low possibility (<<1%) for hazardous exposure	30.77% 4
Violation observed - low possibility (< 2%) for hazardous exposure	30.77% 4
Violation observed - possibility existed (>2%) for hazardous exposure	15.38% 2
Not applicable or Don't Know	7.69% 1
Total	13

#	Additional comments:	Date
1	I would not know how to calculate the percentage possibility of an event occurring under these circumstances.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q19 Laser Eyewear Practices (Part 2): How well do you agree with the following statement? If a laser eyewear requirement were to be violated in a laser lab you are familiar with at your institution/facility, whether intentional or by mistake, estimate the potential for a hazardous exposure of the most severe violation expected.

Answered: 13 Skipped: 5



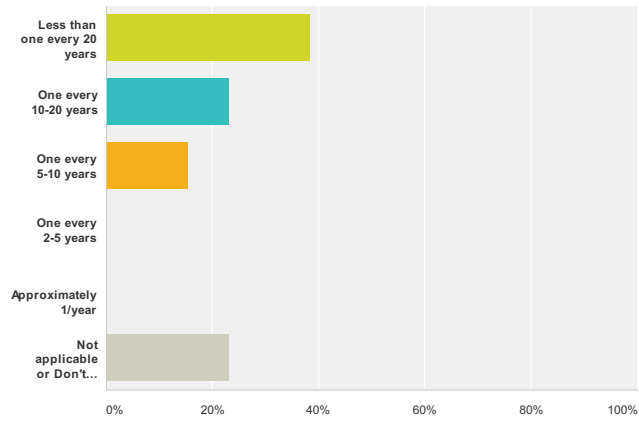
Answer Choices	Responses
No violations expected, so no related possibility for hazardous exposure	7.69% 1
Violation expected - no plausible possibility for hazardous exposure	0% 0
Violation expected - very low possibility (<1%) for hazardous exposure	7.69% 1
Violation expected - low possibility (< 2%) for hazardous exposure	61.54% 8
Violation expected - possibility exists (>2%) for hazardous exposure	15.38% 2
Not applicable or Don't Know	7.69% 1
Total	13

#	Additional comments:	Date
1	We have numerous other safeguards in place to reduce the likelihood of a hazardous exposure.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q20 Frequency of laser eye injuries at your institution/facility: How would you expect laser operators at your institution/facility to answer the following question? For every 100 laser operators at your institute/facility – what is your best estimate for how often a single eye injury may occur from a laser accident to any of these laser operators?

Answered: 13 Skipped: 5



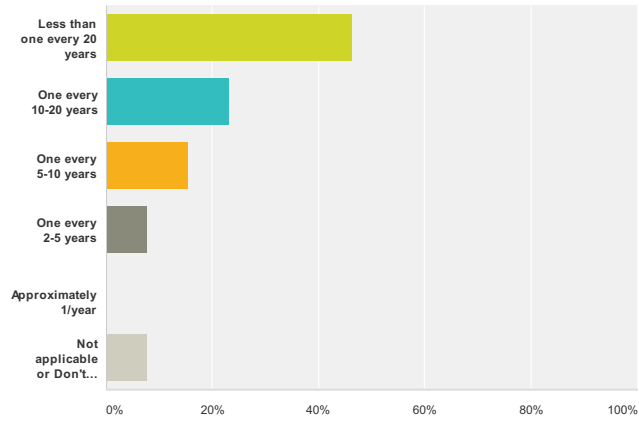
Answer Choices	Responses	
Less than one every 20 years	38.46%	5
One every 10-20 years	23.08%	3
One every 5-10 years	15.38%	2
One every 2-5 years	0%	0
Approximately 1/year	0%	0
Not applicable or Don't know	23.08%	3
Total		13

#	Additional comments:	Date
1	We have not had a laser related eye injury whilst we have been in operation.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q21 Frequency of laser eye injuries at your institution/facility: How would do you answer the following question? For every 100 laser operators at your institute/facility – what is your best estimate for how often a single eye injury may occur from a laser accident to any of these laser operators?

Answered: 13 Skipped: 5



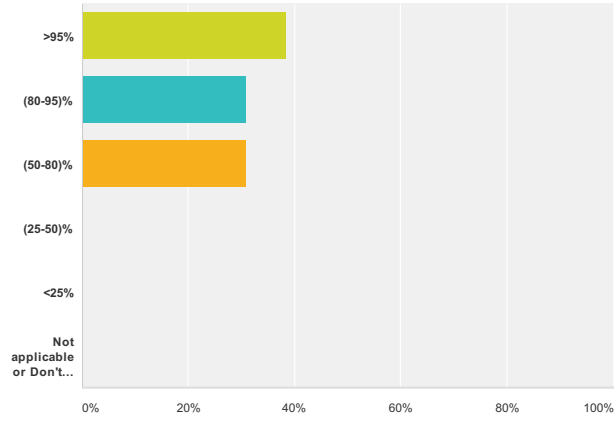
Answer Choices	Responses	
Less than one every 20 years	46.15%	6
One every 10-20 years	23.08%	3
One every 5-10 years	15.38%	2
One every 2-5 years	7.69%	1
Approximately 1/year	0%	0
Not applicable or Don't know	7.69%	1
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q22 Reporting laser eye injuries: How would you expect laser operators at your institution/facility to answer the following question? What is your best estimate of the probability that a laser eye injury at your institute/facility would be reported if it occurred?

Answered: 13 Skipped: 5



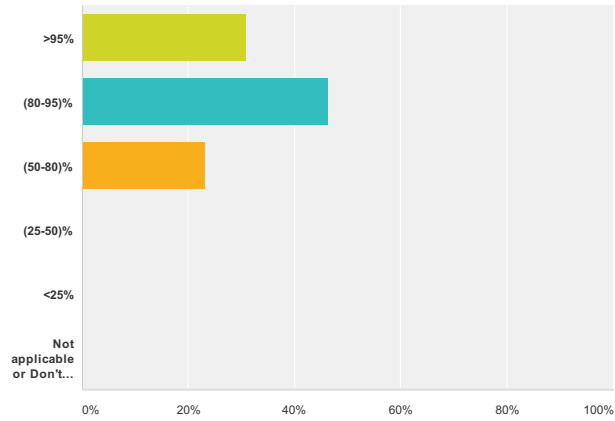
Answer Choices	Responses	
>95%	38.46%	5
(80-95)%	30.77%	4
(50-80)%	30.77%	4
(25-50)%	0%	0
<25%	0%	0
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q23 Reporting laser eye injuries: How would do you answer the following question? What is your best estimate of the probability that a laser eye injury at your institute/facility would be reported if it occurred?

Answered: 13 Skipped: 5



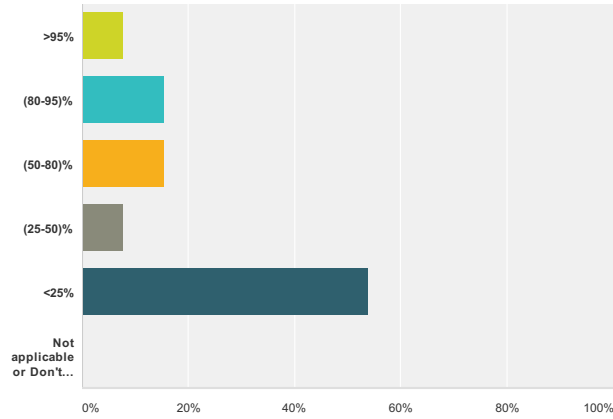
Answer Choices	Responses	
>95%	30.77%	4
(80-95)%	46.15%	6
(50-80)%	23.08%	3
(25-50)%	0%	0
<25%	0%	0
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q24 Reporting Near Misses: A Near Miss occurs when safety is compromised such that only one or no barriers are in place to prevent a laser eye injury. How would you expect laser operators at your institution/facility to answer the following question? What is your best estimate of the probability that a Near Miss laser incident at your institute/facility would be reported if it occurred?

Answered: 13 Skipped: 5



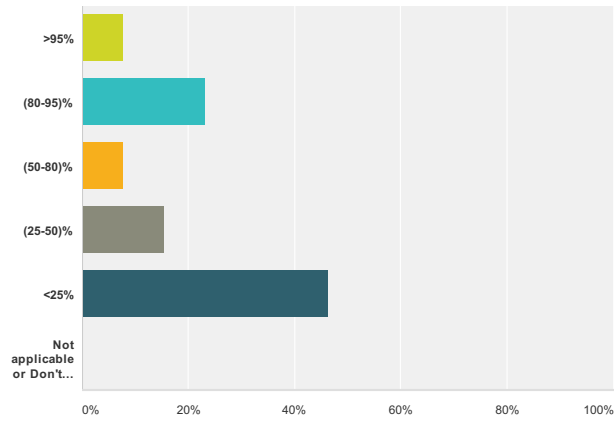
Answer Choices	Responses	
>95%	7.69%	1
(80-95)%	15.38%	2
(50-80)%	15.38%	2
(25-50)%	7.69%	1
<25%	53.85%	7
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
1	We have tried to ingrain a safety culture at our institution and allow anonymous reporting of any safety related incidents, no matter how small.	9/3/2013 11:11 AM

Laser Safety Performance Metrics

Q25 Reporting Near Misses: A Near Miss occurs when safety is compromised such that only one or no barriers are in place to prevent a laser eye injury. How would you answer the following question? What is your best estimate of the probability that a Near Miss laser incident in a laser lab at your institute/facility would be reported if it occurred?

Answered: 13 Skipped: 5



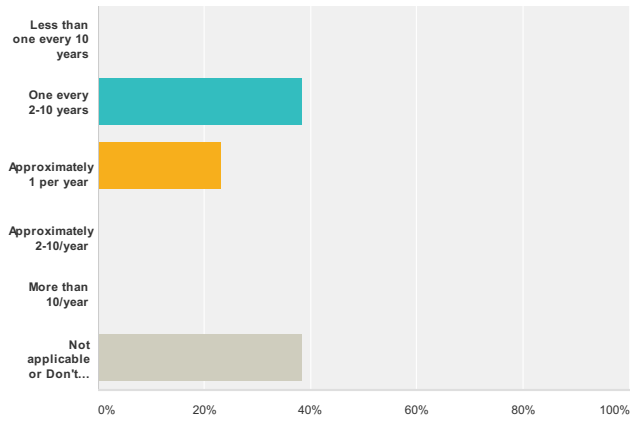
Answer Choices	Responses	
>95%	7.69%	1
(80-95)%	23.08%	3
(50-80)%	7.69%	1
(25-50)%	15.38%	2
<25%	46.15%	6
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q26 Frequency of Near Misses: How would you expect laser operators at your institution/facility to answer the following question? For every 100 QLOs at your institute/facility – what is your best estimate for how often a near miss event may occur to any of these laser operators (see previous question for near miss definition)?

Answered: 13 Skipped: 5



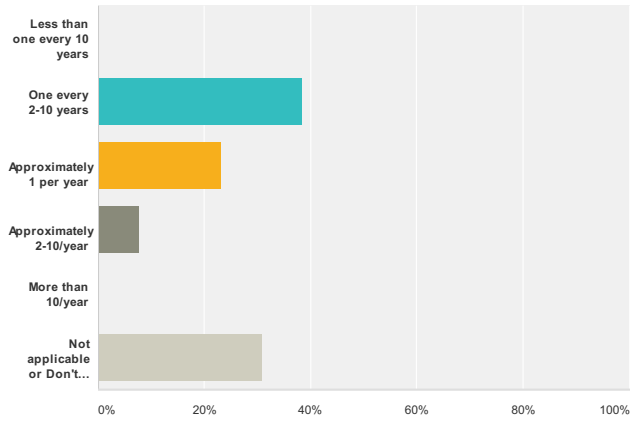
Answer Choices	Responses
Less than one every 10 years	0%
One every 2-10 years	38.46%
Approximately 1 per year	23.08%
Approximately 2-10/year	0%
More than 10/year	0%
Not applicable or Don't know	38.46%
Total	13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q27 Frequency of Near Misses: How would do you answer the following question? For every 100 QLOs at your institute/facility – what is your best estimate for how often a near miss event may occur to any of these laser operators (see previous question for near miss definition)?

Answered: 13 Skipped: 5



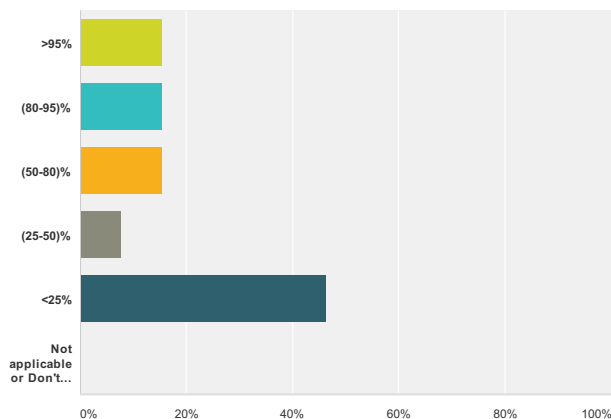
Answer Choices	Responses	
Less than one every 10 years	0%	0
One every 2-10 years	38.46%	5
Approximately 1 per year	23.08%	3
Approximately 2-10/year	7.69%	1
More than 10/year	0%	0
Not applicable or Don't know	30.77%	4
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q28 Reporting "other" Lessons Learned Events: A Lessons Learned event would include a laser injury incident or a Near Miss, but would also include "other" events where a safety control or barrier was missing and reporting the event would provide valuable information for laser personnel. How would you expect laser operators at your institution/facility to answer the following question? What is your best estimate of the probability that "other" Lessons Learned laser events at your institute/facility would be reported if they occur?

Answered: 13 Skipped: 5



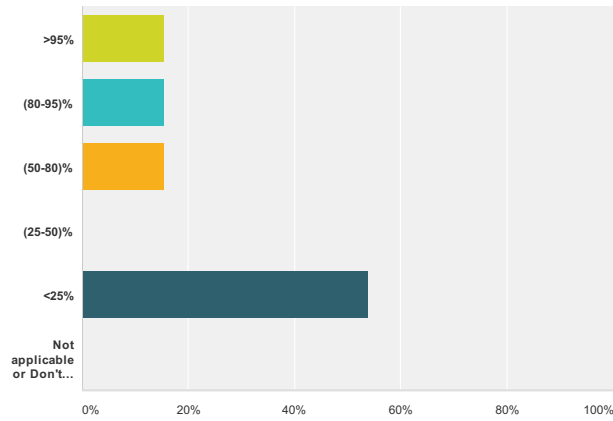
Answer Choices	Responses	
>95%	15.38%	2
(80-95)%	15.38%	2
(50-80)%	15.38%	2
(25-50)%	7.69%	1
<25%	46.15%	6
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q29 Reporting "other" Lessons Learned Events: A Lessons Learned event would include a laser injury incident or a Near Miss, but would also include "other" events where a safety control or barrier was missing and reporting the event would provide valuable information for laser personnel. How would do you answer the following question? What is your best estimate of the probability that "other" Lessons Learned laser events at your institute/facility would be reported if they occur?

Answered: 13 Skipped: 5



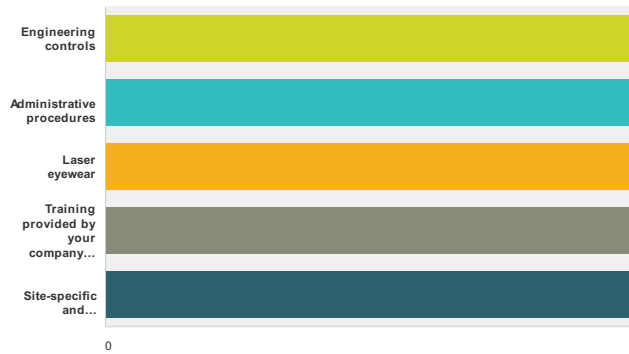
Answer Choices	Responses	
>95%	15.38%	2
(80-95)%	15.38%	2
(50-80)%	15.38%	2
(25-50)%	0%	0
<25%	53.85%	7
Not applicable or Don't know	0%	0
Total		13

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q30 Effectiveness of controls. How would you expect laser operators at your institution/facility to answer this rating question? (skip question if not applicable) Rank in order from most effective (1) to least effective (5) these safety factors that are used to reduce the risk of a laser eye injury. (Note: Engineering controls include interlocks, safety shutters, barriers and enclosures. Administrative procedures include use of temporary beam blocks checking for and blocking stray beams, using minimum intensity, etc.)

Answered: 13 Skipped: 5



	1 - Most Effective	2	3	4	5 - Least Effective	Total	Average Rating
Engineering controls	58.33% 7	33.33% 4	0% 0	0% 0	8.33% 1	12	1.00
Administrative procedures	0% 0	16.67% 2	16.67% 2	16.67% 2	50% 6	12	1.00
Laser eyewear	15.38% 2	38.46% 5	23.08% 3	15.38% 2	7.69% 1	13	1.00
Training provided by your company or institution	7.69% 1	0% 0	23.08% 3	38.46% 5	30.77% 4	13	1.00
Site-specific and supervisor-provided training	23.08% 3	15.38% 2	30.77% 4	30.77% 4	0% 0	13	1.00

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q31 Effectiveness of controls. For laser operations at your institution/facility, how would you answer this rating question? (skip question if not applicable) Rank in order from most effective (1) to least effective (5) these safety factors that are used to reduce the risk of a laser eye injury. (Note: Engineering controls include interlocks, safety shutters, barriers and enclosures. Administrative procedures include use of temporary beam blocks checking for and blocking stray beams, using minimum intensity, etc.)

Answered: 13 Skipped: 5



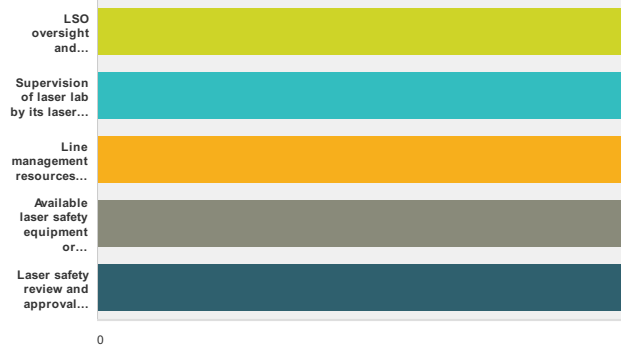
	1 - Most Effective	2	3	4	5 - Least Effective	Total	Average Rating
Engineering controls	69.23% 9	23.08% 3	0% 0	0% 0	7.69% 1	13	1.00
Administrative procedures	0% 0	16.67% 2	25% 3	16.67% 2	41.67% 5	12	1.00
Laser eyewear	8.33% 1	16.67% 2	33.33% 4	33.33% 4	8.33% 1	12	1.00
Training provided by your company or institution	7.69% 1	0% 0	23.08% 3	30.77% 4	38.46% 5	13	1.00
Site-specific and supervisor-provided training	15.38% 2	46.15% 6	15.38% 2	23.08% 3	0% 0	13	1.00

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q32 Effectiveness of other safety factors. How would you expect laser operators at your institution/facility to answer this rating question? (skip question if not applicable) Rank in order from most effective (1) to least effective (5) these safety factors that are used to reduce the risk of a laser eye injury.

Answered: 13 Skipped: 5



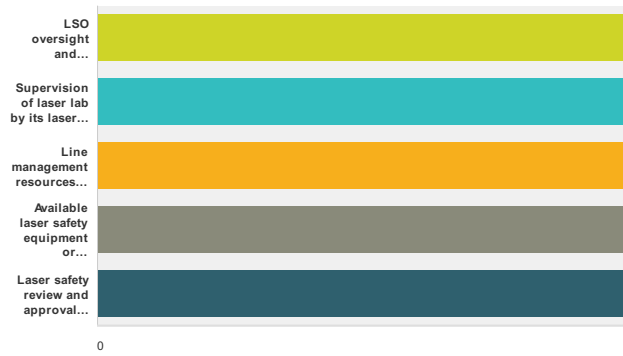
	1 - Most Effective	2	3	4	5 - Least Effective	Total	Average Rating
LSO oversight and assistance for laser safety	15.38% 2	7.69% 1	38.46% 5	23.08% 3	15.38% 2	13	1.00
Supervision of laser lab by its laser safety supervisor	41.67% 5	25% 3	8.33% 1	25% 3	0% 0	12	1.00
Line management resources and assistance for laser safety (either budget or personnel)	0% 0	8.33% 1	25% 3	16.67% 2	50% 6	12	1.00
Available laser safety equipment or laser facility configuration	33.33% 4	58.33% 7	8.33% 1	0% 0	0% 0	12	1.00
Laser safety review and approval process	9.09% 1	9.09% 1	27.27% 3	27.27% 3	27.27% 3	11	1.00

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q33 Effectiveness of other safety factors. For laser operations at your institution/facility, how would you answer this rating question? (skip question if not applicable) Rank in order from most effective (1) to least effective (5) these safety factors that are used to reduce the risk of a laser eye injury.

Answered: 13 Skipped: 5



	1 - Most Effective	2	3	4	5 - Least Effective	Total	Average Rating
LSO oversight and assistance for laser safety	7.69% 1	15.38% 2	38.46% 5	15.38% 2	23.08% 3	13	1.00
Supervision of laser lab by its laser safety supervisor	58.33% 7	25% 3	0% 0	16.67% 2	0% 0	12	1.00
Line management resources and assistance for laser safety (either budget or personnel)	0% 0	9.09% 1	18.18% 2	9.09% 1	63.64% 7	11	1.00
Available laser safety equipment or laser facility configuration	23.08% 3	38.46% 5	23.08% 3	15.38% 2	0% 0	13	1.00
Laser safety review and approval process	16.67% 2	16.67% 2	25% 3	33.33% 4	8.33% 1	12	1.00

#	Additional comments:	Date
	There are no responses.	

Laser Safety Performance Metrics

Q34 Provide any additional comments about risk for a laser injury incident

Answered: 2 Skipped: 16

#	Responses	Date
1	NA	9/6/2013 7:03 PM
2	The greatest risk of a laser injury is likely to come from workers thinking that our laser safety standards are over burdensome. In addition there are some amongst management who wish to rush SOPs for approval without allowing time for consideration of procedures proposed.	9/3/2013 11:13 AM

Laser Safety Performance Metrics

Q35 Provide any other additional comments

Answered: 2 Skipped: 16

#	Responses	Date
1	NA	9/6/2013 7:03 PM
2	The level of adherence to laser safety practices in a lab is directly related to the importance placed on it by the PI. The PI's attitudes are affected by the attitudes of the Chair, Dean and other administrators regarding safety. The importance of safety and a positive culture of safety must come from the top. The LSO is a resource and ensures the quality of the program, but he or she cannot make people safe. That has to happen at the lab level.	9/1/2013 9:28 AM