

IT Division

2007 Customer Satisfaction Survey



Acknowledgements

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MOR Associates, an external consulting firm, acted as project manager for this effort, analyzing the data and preparing this report. MOR Associates specializes in continuous improvement, strategic thinking and leadership development. MOR Associates has conducted a number of large-scale satisfaction surveys for IT organizations in higher education, including MIT, Stanford, the University of Chicago, and others.



MAXIMIZING ORGANIZATIONAL RESOURCES

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Introduction

This report provides a summary of the purposes, the methodology and the results of the customer satisfaction survey sponsored by the Berkeley Lab IT Division in July 2007. The survey is one means through which the IT Division can give a voice to its customers. It is a systematic way to identify what is working and what needs to be improved from the customers' vantage point. This survey was undertaken for the following purposes all of which helped guide the construct and design of the survey.

- To document where customers are satisfied along with where they are dissatisfied and to identify what gaps cause any disappointment in the customer experience.
- To find out what improvements are important to customers and what their level of interest would be in improvements or changes under consideration.
- To use this data to prioritize the continuous improvement initiatives that will make it easier for the IT Division's customers to do their work.

The ultimate goal is to provide an excellent customer IT experience that supports the scientific research and business needs of the Berkeley Lab community. In the near term, the goal is to improve the customers' ability to use IT to get their work done. The survey findings on the following pages provide a sound basis for determining how the IT Division can focus its efforts to enhance the quality of the customer experience at Berkeley Lab.

> Brian McDonald President **MOR** Associates

Methodology

Survey Population

The survey solicited feedback from three customer communities: scientists, postdoctoral fellows and students, and staff.

Selection Criteria - All Communities

• Includes only those who have an email address

Selection Criteria - Scientists

• Includes Scientists (career and term) and Faculty appointments

Selection Criteria - Post Doctoral Fellows and Students

• Includes Postdocs, GSRAs, and Students in scientific divisions (>3 months at lab)

Selection Criteria - Staff

- Excludes IT Division staff
- Excludes certain staff members who do not use computers as part of how they get their work done

Berkeley Lab Sample Size Estimates

The following table presents a summary of the population and sample size estimates that resulted from applying the above criteria and served as the guide to sampling strategy.

Population Breakdown	Major Cohort Counts	Target Sample Size (Returned surveys)	Anticipated Response Rate	Initial Sample Size	Final Sample Size	Actual Response Rate	Weighted Representation
Scientists	733	243	33%	733	274	37%	50%
Post Doctoral Fellows and Students	639	100	25%	400	145	36%	27%
Staff	1,436	100	40%	250	127	51%	23%
TOTAL	2,808	443	32%	1,383	546	39%	100%

Notes:

- The Target Sample Size was derived assuming a Confidence Interval of .20 and a minimum Confidence Level of 95%.
- All scientists were invited, but only a random sample of post doctoral fellows, students and staff. This would result in relative over weighing of the scientists, and under weighting of postdoctoral fellows and students, and staff.

Demographic Data

Some demographic data, including gender, department, title, years of service, and campus were also captured.

Survey Results Overview

Executive Summary

High Points

The survey used a six-point scale to measure satisfaction, with 6 counting as very satisfied. The Berkeley Lab IT Division enjoyed high ratings for most services with about half scoring over 4.50. Respondents provided the highest ratings for two core IT services: email and the IT help desk. Spam blocking at Berkeley Lab also had a high rating, and though there's always room for improvement in this area, the data suggests that Berkeley Lab is doing a good job of keeping spam at bay.

Question	Mean	Tot Sat	Count
Q11b. Reliability of sending and receiving email	5.36	97%	515
Q4a. IT help desk	5.18	95%	411
Q11a. Spam blocking	4.85	88%	501

Cyber Security and the SCS Service garnered higher ratings, though the latter received a low number of responses.

Question	Mean	Tot Sat	Count
Q38a. Cyber Security Program overall	5.07	97%	441
Q39a. Support for appropriately protecting your computer resources	5.07	97%	424
Q39b. Information on security policies and recommendations	5.05	96%	425
Q39c. Computer Protection Program website	4.99	97%	365
Q48c. SCS technical competence	5.16	95%	38
Q48b. SCS response time	5.03	92%	38
Q48a. SCS customer service	5.03	95%	39

The Division's overall rating and ratings for service attributes were also high.

Question	Mean	Tot Sat	Count
Q57d. IT Division technical competence	5.06	94%	444
Q57b. IT Division responsiveness to your needs	4.91	92%	453
Q57c. IT Division communication with you	4.87	93%	440
Q57a. IT Division delivery of services	4.87	94%	439
Q56a. IT Service Division overall	4.81	95%	492

Other services with higher ratings included the IT Software Downloads page, Berkeley Lab Calendar, the IT Division's website currency, Conference Network Support, and Voicemail

Question	Mean	Tot Sat	Count
Q8b. IT Software Downloads page: Ease of use	4.93	91%	274
Q15b. Berkeley Lab Calendar reliability	4.83	91%	274
Q6b. IT Div website: Currency of content (up-to-dateness)	4.80	90%	281
Q32a. Conference Network Support overall	4.59	89%	71
Q36a. Cellular validation process	4.53	88%	57
Q33a. Voicemail	4.52	86%	458
Q15a. Berkeley Lab Calendar features	4.52	86%	280

Concerns

Email Disk Storage Space

Despite the high rating given to email reliability and spam blocking, the lowest rating of the survey (shared with Berkeley Lab Library books) was for the amount of IMAP/email disk storage space. And not far removed from that was the rating for the value of email service relative to cost. These sentiments were also registered by respondents in their text responses.

Question	Mean	Tot Dis	Count
Q11d. Amount of IMAP/email disk storage space	3.66	43%	482
Q11e. Value of email service relative to cost	4.09	32%	362

Berkeley Lab Library

Berkeley Lab Library services received lower ratings virtually across the board and the rating received for books was the among the two lowest in the survey. When asked to provide written reasons for visiting the library, many respondents expressed concern about the quality of the content available and others noted that they use the UCB libraries to serve their needs.

Question	Mean	Tot Dis	Count
Q53a. Library resources: Books	3.66	40%	215
Q53g. Library resources: Wireless access to the network	4.07	30%	119
Q52a. Berkeley Lab Library services overall	4.10	26%	312
Q53b. Library resources: Printed journals	4.12	24%	215
Q53c. Library resources: Online journals	4.12	30%	322

In addition to asking about respondents' satisfaction with Berkeley Lab services, a parallel set of questions was asked about how important these services were for research. The table below shows the results for the individual services highlighted above (Berkeley Lab Library services overall wasn't rated for importance).

Question	Tot Imp	Count
Q53a. Library resources: Books	68%	320
Q53g. Library resources: Wireless access to the network	57%	286
Q53b. Library resources: Printed journals	69%	324
Q53c. Library resources: Online journals	95%	351

eRoom

The survey did not ask about any specific aspects of eRoom, though two respondents mentioned it in their text replies, one expressing concern about its incompatibility with Macs, and the other expressing a desire for an alternative.

Question	Mean	Tot Dis	Count
Q18a. eRoom overall	4.12	28%	138

Interest in Possible Changes

The survey included a number of questions designed to gauge the community's interest in specific new services, service improvements or other changes. These were posed either in terms of interest (How interested would you be...) or importance (How important would it be...).

Wireless Connectivity Is a Priority

A significant number of respondents indicated support for having wireless networking coverage everywhere at the Lab.

Question	Tot Imp or Very Imp	Count
Q30a. Wireless everywhere	71%	499

Getting Information From Email and a Website Instead of the BLIS Portal

Respondents are receptive to getting information from email and the a website instead of the BLIS Portal, though less so for BRS reports.

Question	Tot Int or Very Int	Count
Q23d. Action item notification (Travel, Procurement, EH&S, LETS, etc.) via email or a website, rather than the portal	69%	172
Q24c. Phone directory information for Lab, DOE, and UC employees via a website, rather than the portal	67%	167
Q23a. Lab announcements via email or a website, rather than the portal	62%	182
Q24a. Laboratory forms via a website, rather than the portal	61%	163
Q23b. Email storage usage via email or a website, rather than the portal	60%	180
Q24b. Laboratory applications via a website, rather than the portal	59%	160
Q23c. BLIS Reporting System (BRS) reports via email or a website, rather than the portal	43%	152

New Cyber Security Services

Though respondents are happy with Cyber Security, some are open to improvement, though they would prefer that it not require expertise on their parts.

Question	Tot Int or Very Int	Count
Q40a. A service that allows you to scan any web-based application for vulnerabilities	54%	434
Q40c. On-site cyber security consulting at no charge	52%	437
Q40b. Lab-provided courses on advanced cyber security topics	36%	438
Q40d. The ability to use stronger techniques (such as one-time passwords) to authenticate to a UNIX system	32%	377

Other Possible New Services That Were Asked About

Question	Tot Int or Very Int	Count
Q34a. Integrated service that included voicemail, email and single-number follow-me service	52%	441
Q51a. Access to competitively priced compute cycles on a Lab-owned cluster	42%	106
Q20a. Berkeley Lab web hosting service	41%	368
Q45a. Long-term archival storage	37%	405
Q44a. Cheaper short-term storage	27%	394

Highlights from the Text Comments

Respondents were given a number of opportunities to share feedback on issues that were important to them and that may or may not have been covered in the survey. By and large these text answers reflected the data, i.e., increase the amount of (preferable free) email disk storage space, improve the quality of Berkeley Lab Library services and offerings (especially online journals), and have wireless available everywhere. One notable exceptions was around support for operating systems other than Windows, with a significant subset asking for Mac and/or UNIX/Linux support for a wide variety of services.

Satisfaction Ratings from the General Survey Sorted by Mean

Question	Mean	Count
Q11b. Reliability of sending and receiving email	5.36	515
Q4a. IT help desk	5.18	411
Q48c. SCS technical competence	5.16	38
Q38a. Cyber Security Program overall	5.07	441
Q39a. Support for appropriately protecting your computer resources	5.07	424
Q57d. IT Division technical competence	5.06	444
Q39b. Information on security policies and recommendations	5.05	425
Q48b. SCS response time	5.03	38
Q48a. SCS customer service	5.03	39
Q39c. Computer Protection Program website	4.99	365
Q8b. IT Software Downloads page: Ease of use	4.93	274
Q57b. IT Division responsiveness to your needs	4.91	453
Q57c. IT Division communication with you	4.87	440
Q57a. IT Division delivery of services	4.87	439
Q6a. IT Div website: Quality of content	4.85	316
Q11a. Spam blocking	4.85	501
Q15b. Berkeley Lab Calendar reliability	4.83	274
Q37a. Wireless air card	4.82	17
Q56a. IT Service Division overall	4.81	492
Q6b. IT Div website: Currency of content (up-to-dateness)	4.80	281
Q48d. Value of SCS service relative to cost	4.80	30
Q39d. Cyber Security Annual Refresher training	4.76	409
Q11c. Web mail client	4.60	448
Q32a. Conference Network Support overall	4.59	71
Q27b. BRS: Readability of reports	4.54	35
Q15d. Berkeley Lab Calendar customer support	4.54	119
Q36a. Cellular validation process	4.53	57

Question	Mean	Count
Q33a. Voicemail	4.52	458
Q15a. Berkeley Lab Calendar features	4.52	280
Q6d. IT Div website: Clarity of information on services and costs	4.49	276
Q8a. IT Software Downloads page: Selection of software	4.48	289
Q6c. IT Div website: Ease of finding information you need	4.45	324
Q53h. Library resources: Reading area	4.43	144
Q27a. BRS: Availability of needed data	4.42	38
Q53f. Library resources: Public computer access	4.39	109
Q57e. Value of IT Division services relative to cost	4.39	331
Q27c. BRS: Response time	4.36	36
Q15c. Berkeley Lab Calendar ease of use	4.33	280
Q15e. Berkeley Lab Calendar web client	4.32	171
Q53e. Library resources: Assistance with researching scientific literature	4.30	124
Q36b. On-site cellular coverage	4.29	65
Q22a. BLIS portal overall	4.27	176
Q53d. Library resources: Online indices/databases	4.15	240
Q27d. BRS: Ease of use	4.13	39
Q53c. Library resources: Online journals	4.12	322
Q53b. Library resources: Printed journals	4.12	215
Q18a. eRoom overall	4.12	138
Q52a. Berkeley Lab Library services overall	4.10	312
Q11e. Value of email service relative to cost	4.09	362
Q53g. Library resources: Wireless access to the network	4.07	119
Q36c. Cellular service PDA support	3.75	24
Q53a. Library resources: Books	3.66	215
Q11d. Amount of IMAP/email disk storage space	3.66	482

Top Seven Areas of Satisfaction by Cohort Sorted from Highest to Lowest by Mean*

Scientists

Question	Mean	T Pos	Count
Q11b. Reliability of sending and receiving email	5.40	99%	267
Q4a. IT help desk	5.21	96%	208
Q38a. Cyber Security Program overall	5.05	96%	236
Q39a. Support for appropriately protecting your computer resources	5.05	97%	229
Q39b. Information on security policies and recommendations	5.04	96%	227
Q57d. IT Division technical competence	5.03	94%	230
Q39c. Computer Protection Program website	4.96	97%	190

Postdoctoral Fellows and Students

Question	Mean	T Pos	Count
Q11b. Reliability of sending and receiving email	5.26	95%	127
Q11a. Spam blocking	5.12	92%	118
Q4a. IT help desk	5.12	95%	85
Q57d. IT Division technical competence	4.97	94%	98
Q39a. Support for appropriately protecting your computer resources	4.97	97%	89
Q57b. IT Division responsiveness to your needs	4.96	93%	101
Q39b. Information on security policies and recommendations	4.96	97%	89

Staff

Question	Mean	T Pos	Count
Q11b. Reliability of sending and receiving email	5.38	98%	121
Q38a. Cyber Security Program overall	5.22	98%	111
Q57d. IT Division technical competence	5.21	94%	116
Q39a. Support for appropriately protecting your computer resources	5.20	97%	106
Q4a. IT help desk	5.19	94%	118
Q39b. Information on security policies and recommendations	5.15	98%	109
Q39c. Computer Protection Program website	5.12	100%	93

^{*}These tables exclude questions for which the number responding (count) was less than 30.

Top Seven Areas of Dissatisfaction by Cohort Sorted from Lowest to Highest by Mean*

Scientists

Question	Mean	T Neg	Count
Q11d. Amount of IMAP/email disk storage space	3.27	51%	248
Q53a. Library resources: Books	3.64	40%	169
Q11e. Value of email service relative to cost	3.85	37%	199
Q18a. eRoom overall	3.88	34%	85
Q53g. Library resources: Wireless access to the network	4.00	31%	83
Q15d. Berkeley Lab Calendar customer support	4.04	27%	56
Q22a. BLIS portal overall	4.06	22%	85

Postdoctoral Fellows and Students

Question	Mean	T Neg	Count
Q53a. Library resources: Books	3.70	41%	46
Q53c. Library resources: Online journals	3.94	35%	80
Q11d. Amount of IMAP/email disk storage space	4.01	34%	118
Q53d. Library resources: Online indices/databases	4.09	32%	57
Q52a. Berkeley Lab Library services overall	4.13	32%	79
Q53f. Library resources: Public computer access	4.15	32%	34
Q53b. Library resources: Printed journals	4.20	20%	44

Staff

Question	Mean	T Neg	Count
Q11d. Amount of IMAP/email disk storage space	4.13	36%	116
Q22a. BLIS portal overall	4.37	10%	67
Q11e. Value of email service relative to cost	4.50	25%	80
Q18a. eRoom overall	4.57	15%	47
Q15e. Berkeley Lab Calendar web client	4.63	15%	62
Q33a. Voicemail	4.63	13%	120
Q6c. IT Div website: Ease of finding information you need	4.71	13%	83

^{*}These tables exclude questions for which the number responding (count) was less than 30.

10	Survey Results Overview	• Berkeley Lab IT Division 2007 Customer Survey

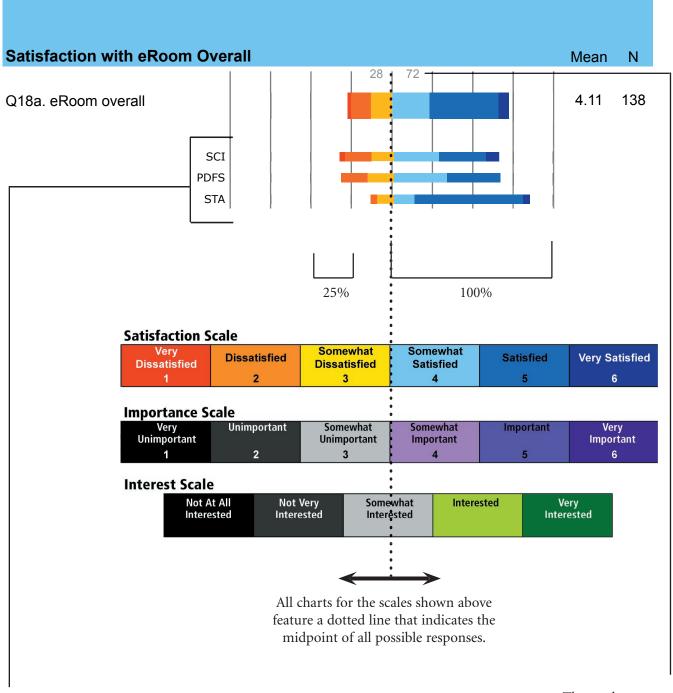
Reading the Charts

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Reading the Charts

Throughout this report there are charts that show the percent responding for a given point in the scales depicted below. The diagram below illustrates the structure of these charts.

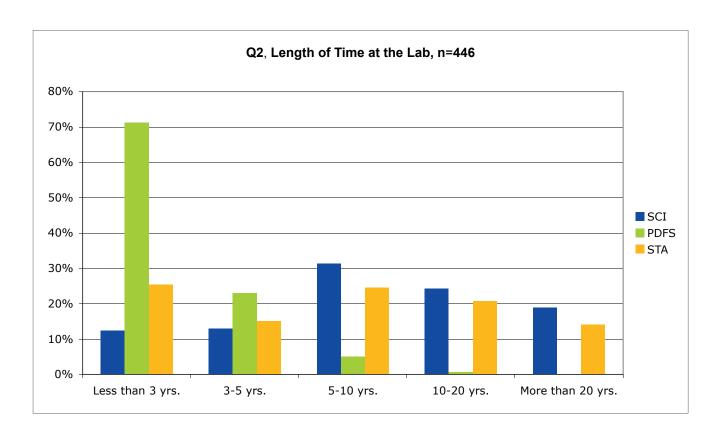


Approximately 15% of the questions, representing the most significant differences between cohorts within the community feature a breakout by cohort, in this case it's Scientists (SCI), Postdoctoral Fellows and Students (PDFS), and Staff (STA).

The total percents on either side of the midpoint are represented as whole numbers.

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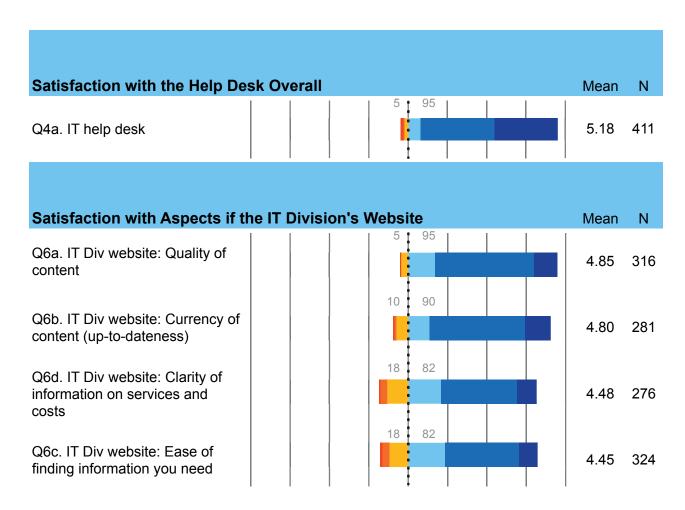
Demographic Questions



Q2	How long have	you been at t	he lab?			
	Less than 3		More than 20			
	yrs.	3-5 yrs.	5-10 yrs.	10-20 yrs.	yrs.	Count
All	34%	17%	22%	16%	12%	446
SCI	12%	13%	31%	24%	19%	201
PDFS	71%	23%	5%	1%	0%	139
STA	25%	15%	25%	21%	14%	106

Q3	Are you a stud	ent at a UC can	npus?
	Yes	No	Count
PDFS	33%	67%	139

IT Help Desk



See **Appendix** Α

Q5. What would increase your satisfaction with IT Help Desk services?

Q4a	IT help	o desk								
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	5.18	2%	0%	2%	8%	47%	40%	411	0.95	0.09
SCI	5.21	1%	0%	2%	8%	47%	41%	208		
PDFS	5.12	2%	0%	2%	8%	53%	34%	85		
STA	5.19	3%	1%	3%	7%	43%	44%	118		

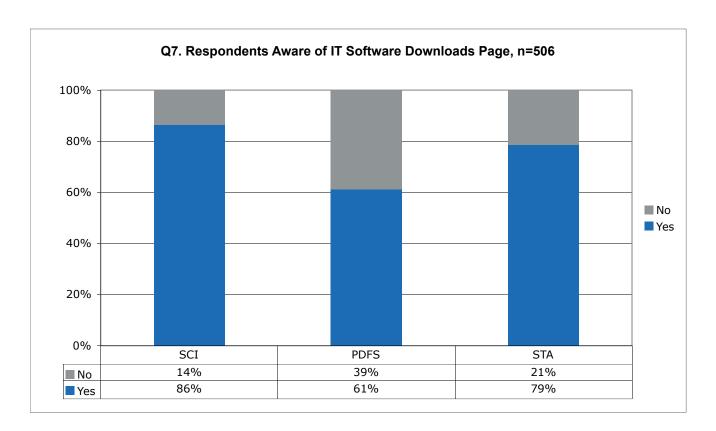
Q6a	IT Div	IT Div website: Quality of content												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	4.85	1%	0%	4%	17%	63%	15%	316	0.78	0.09				
SCI	4.79	1%	0%	5%	20%	63%	12%	169						
PDFS	4.82	1%	0%	3%	18%	66%	12%	67						
STA	5.00	0%	1%	4%	11%	61%	23%	80						

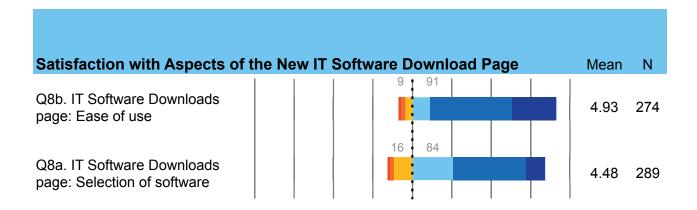
Q6b	IT Div website: Currency of content (up-to-dateness)											
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-		
All	4.80	1%	1%	7%	14%	60%	16%	281	0.91	0.11		
SCI	4.70	1%	1%	10%	15%	61%	12%	156				
PDFS	4.79	2%	0%	7%	14%	63%	14%	57				
STA	5.06	0%	3%	1%	10%	57%	28%	68				

Q6c	IT Div website: Ease of finding information you need											
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-		
All	4.45	2%	4%	12%	23%	47%	12%	324	1.08	0.12		
SCI	4.31	2%	5%	14%	29%	40%	10%	173				
PDFS	4.49	3%	3%	10%	21%	53%	10%	68				
STA	4.71	0%	4%	10%	14%	57%	16%	83				

Q6d	IT Div website: Clarity of information on services and costs												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	4.49	1%	4%	13%	21%	48%	13%	276	1.06	0.13			
SCI	4.43	0%	4%	17%	21%	48%	10%	150					
PDFS	4.35	4%	5%	11%	24%	45%	11%	55					
STA	4.73	0%	4%	7%	20%	49%	20%	71					

Software Downloads





Q7	Did you know t	that the IT Divis Downloads pa	
	Yes	No	Count
All	78%	22%	506
SCI	86%	14%	250
PDFS	61%	39%	139
STA	79%	21%	117

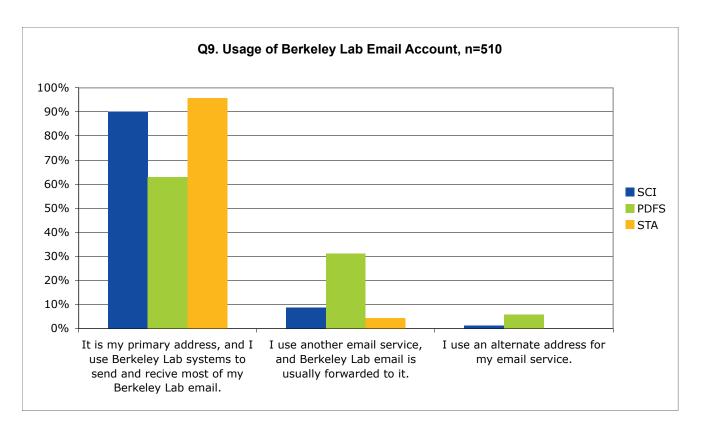
Q8a	IT Software Downloads page: Selection of software												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	4.48	2%	2%	12%	26%	46%	12%	289	1.04	0.12			
SCI	4.44	2%	3%	11%	29%	44%	11%	165					
PDFS	4.33	3%	3%	13%	22%	53%	5%	60					
STA	4.75	0%	0%	13%	22%	44%	22%	64					

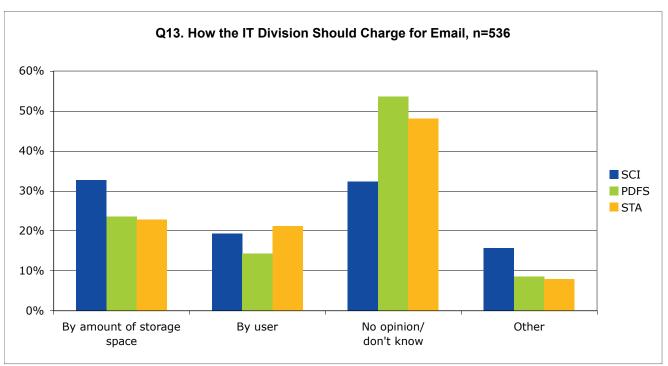
Q8b	IT Software Downloads page: Ease of use									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.93	1%	3%	4%	11%	52%	28%	274	1.03	0.12
SCI	4.93	1%	3%	6%	11%	48%	30%	158		
PDFS	4.83	3%	0%	2%	16%	64%	16%	58		
STA	5.05	0%	5%	3%	7%	50%	34%	58		

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Email





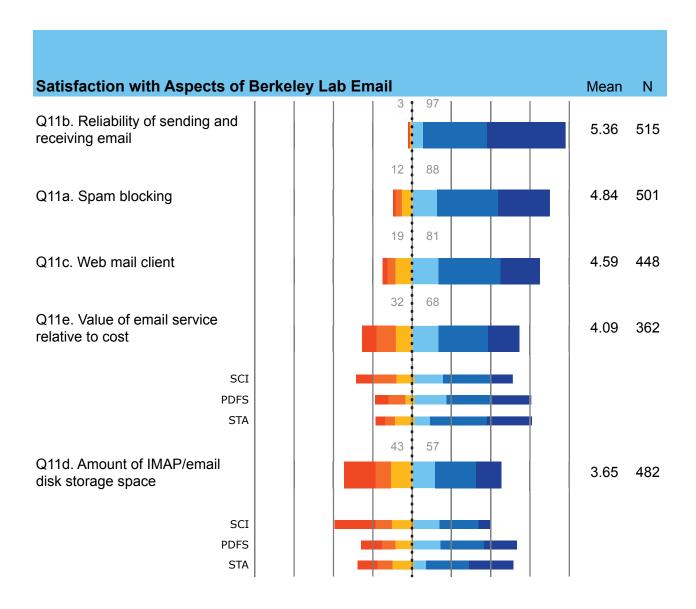
See **Appendix** Α

Q10. If you use another email service, and your Berkeley Lab email is usually forwarded to it, please tell us why.

Q13a. Other ways the IT Division should charge for email.

Q9	Which of the following best describes your use of your Berkeley Lab email account?					
	It is my primary address, and I use Berkeley Lab systems					
	to send and recive	service, and Berkeley	l use an alternate			
	most of my Berkeley	Lab email is usually	address for my email			
	Lab email.	forwarded to it.	service.	Count		
All	84%	14%	2%	510		
SCI	90%	9%	1%	254		
PDFS	63%	31%	6%	138		
STA	96%	4%	0%	118		

Q13	How should the IT Division charge for email?						
	By amount of storage space	By user	No opinion/ don't know		Count		
All	28%	18%	42%	12%	536		
SCI	33%	19%	32%	16%	269		
PDFS	24%	14%	54%	9%	140		
STA	23%	21%	48%	8%	127		



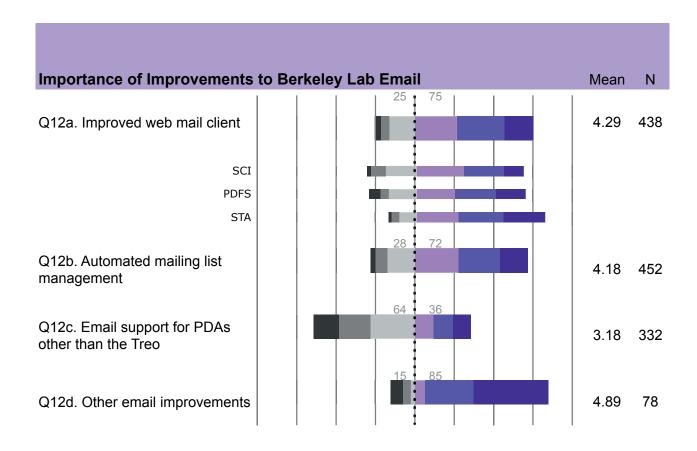
Q11a	Spam	Spam blocking												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	4.85	2%	4%	7%	16%	39%	33%	501	1.17	0.10				
SCI	4.74	0%	4%	10%	19%	39%	28%	262						
PDFS	5.12	3%	3%	2%	8%	40%	44%	118						
STA	4.80	4%	4%	3%	17%	40%	32%	121						

Q11b	Reliability of sending and receiving email												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	5.36	1%	0%	1%	7%	41%	50%	515	0.81	0.07			
SCI	5.40	0%	1%	1%	7%	41%	51%	267					
PDFS	5.26	2%	0%	3%	7%	43%	46%	127					
STA	5.38	2%	0%	1%	7%	38%	53%	121					

Q11c	Web n	Web mail client													
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-					
All	4.60	3%	5%	11%	17%	40%	25%	448	1.27	0.12					
SCI	4.48	2%	5%	17%	18%	38%	20%	230							
PDFS	4.68	4%	5%	5%	15%	46%	24%	111							
STA	4.78	5%	6%	4%	15%	36%	36%	107							

Q11d	Amou	Amount of IMAP/email disk storage space												
	Mean													
All	3.66	20%	10%	13%	15%	26%	16%	482	1.76	0.16				
SCI	3.27	26%	10%	14%	17%	25%	8%	248						
PDFS	4.01	14%	8%	12%	17%	28%	21%	118						
STA	4.13	13%	9%	14%	8%	28%	28%	116						

Q11e	Value	of ema	ail serv	ice re	lative t	o cost				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.09	9%	12%	10%	17%	31%	20%	362	1.59	0.16
SCI	3.85	11%	15%	12%	18%	31%	14%	199		
PDFS	4.27	8%	11%	6%	20%	29%	25%	83		
STA	4.50	6%	6%	13%	10%	36%	29%	80		



See **Appendix** Α

Q12e. Other email improvements rated for importance.

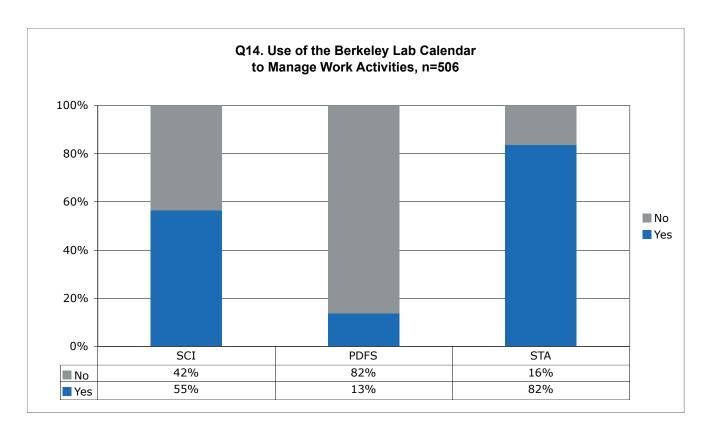
Q12a	Impro	Improved web mail client												
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-				
All	4.30	3%	5%	16%	27%	30%	18%	438	1.28	0.12				
SCI	4.34	3%	6%	16%	27%	29%	20%	230						
PDFS	4.16	6%	5%	18%	26%	33%	13%	108						
STA	4.35	3%	5%	15%	28%	29%	20%	100						

Q12b	Auton	Automated mailing list management													
	Mean														
All	4.19	4%	7%	17%	28%	26%	17%	452	1.31	0.12					
SCI	4.05	3%	9%	20%	30%	25%	13%	236							
PDFS	4.14	7%	5%	18%	24%	26%	19%	111							
STA	4.55	2%	5%	11%	27%	29%	27%	105							

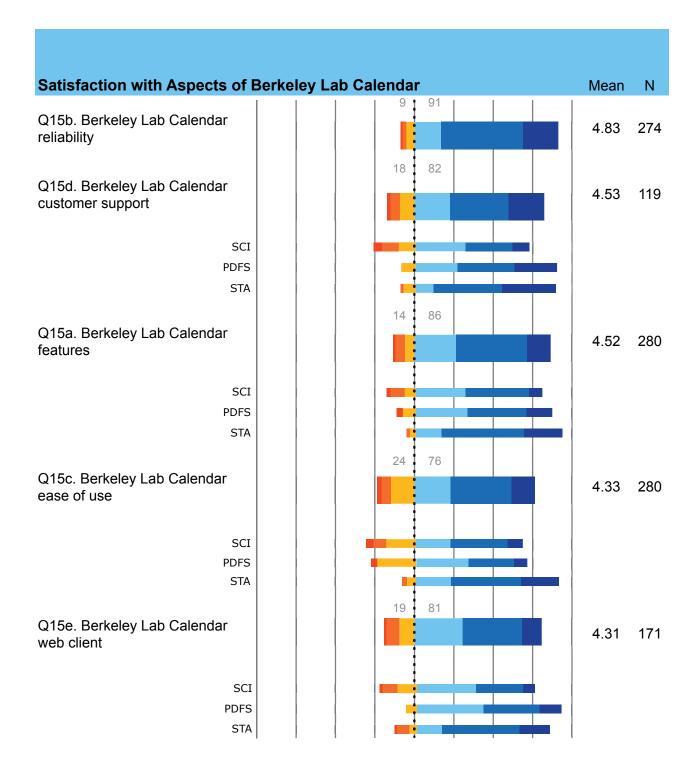
Q12c	Email	suppo	rt for I	PDAs	other t	han th	e Treo							
	Mean													
All	3.18	17%	20%	28%	12%	12%	11%	332	1.57	0.17				
SCI	3.11	13%	23%	34%	12%	9%	10%	179						
PDFS	3.16	27%	12%	17%	14%	20%	10%	81						
STA	3.38	14%	19%	28%	10%	13%	17%	72						

Q12d	Other	email	improv	vemen	ts		Other email improvements													
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-										
All	4.90	8%	5%	3%	6%	31%	47%	78	1.53	0.34										
SCI	5.18	3%	5%	3%	8%	24%	58%	38												
PDFS	4.09	18%	9%	5%	9%	32%	27%	22												
STA	5.28	6%	0%	0%	0%	44%	50%	18												

Calendar



Q14		Berkeley Lab cle Calendar) to vork activities?									
	Yes	No	Count								
All	50%	47%	506								
SCI	55%	42%	250								
PDFS	13%	82%	137								
STA	82% 16% 119										



Q15a	Berke	Berkeley Lab Calendar features													
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-					
All	4.52	2%	6%	6%	26%	45%	15%	280	1.11	0.13					
SCI	4.25	3%	9%	7%	32%	41%	8%	154							
PDFS	4.50	4%	0%	8%	33%	38%	17%	24							
STA	4.94	0%	2%	4%	17%	53%	25%	102							

Q15b	Berkeley Lab Calendar reliability													
	Mean	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
All	4.83	1%	3%	5%	17%	52%	22%	274	0.99	0.12				
SCI	4.70	1%	4%	5%	19%	54%	17%	150						
PDFS	4.75	0%	0%	8%	25%	50%	17%	24						
STA	5.05	1%	1%	4%	12%	50%	32%	100						

Q15c	Berkeley Lab Calendar ease of use									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.33	3%	6%	15%	23%	39%	15%	280	1.23	0.14
SCI	4.06	4%	8%	19%	22%	37%	10%	156		
PDFS	4.08	4%	0%	25%	33%	29%	8%	24		
STA	4.81	0%	3%	6%	22%	45%	24%	100		

Q15d	Berke	Berkeley Lab Calendar customer support									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-	
All	4.54	3%	6%	9%	23%	37%	23%	119	1.25	0.22	
SCI	4.04	5%	11%	11%	32%	30%	11%	56			
PDFS	4.82	0%	0%	9%	27%	36%	27%	11			
STA	5.02	0%	2%	8%	12%	44%	35%	52			

Q15e	Berke	Berkeley Lab Calendar web client									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-	
All	4.32	2%	8%	9%	30%	38%	12%	171	1.17	0.17	
SCI	4.07	2%	9%	13%	38%	31%	7%	95			
PDFS	4.57	0%	0%	7%	43%	36%	14%	14			
STA	4.63	2%	8%	5%	16%	50%	19%	62			

Importance of Improvements	to the Perkeley Lab Calendar	Moon	N
importance of improvements	to the Berkeley Lab Calendar	Mean	N
Q16b. Berkeley Lab Calendar ability to sync up with your personal calendar	30 70	4.18	195
	42 58		
Q16a. Berkeley Lab Calendar ability to sync up with your PDA		3.88	186
Q16c. Berkeley Lab Calendar	42 58		
ability to schedule meetings with		3.78	209
people at the UC Berkeley campus	15 85		
Q16d. Other Berkeley Lab Calendar improvements		4.85	41

See **Appendix** Α

Q16e. Other Berkeley Lab Calendar improvements rated for importance.

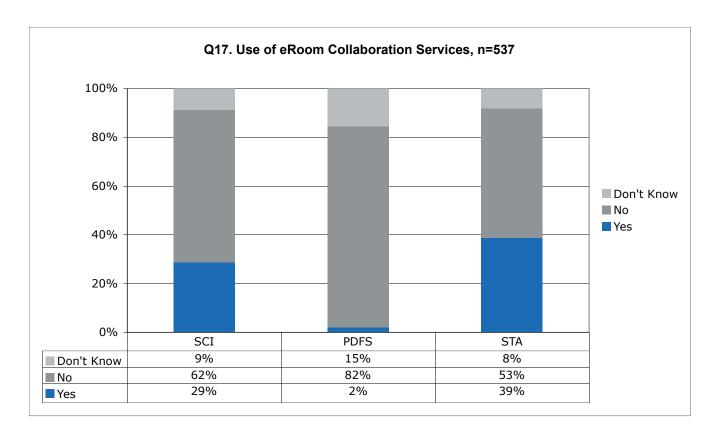
Q16a	Berkeley Lab Calendar ability to sync up with your PDA									
	Mean	VU	U	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-
All	3.88	12%	14%	17%	14%	19%	25%	186	1.72	0.25
SCI	3.81	14%	16%	15%	12%	17%	26%	114		
PDFS	4.28	6%	0%	22%	28%	22%	22%	18		
STA	3.91	9%	15%	19%	13%	22%	22%	54		

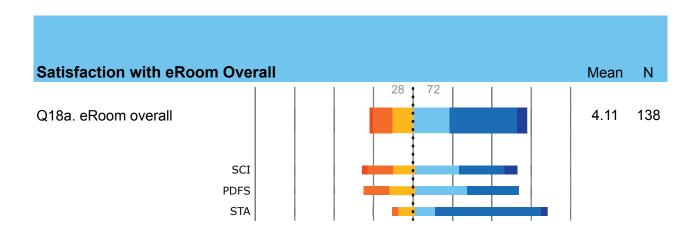
Q16b	Berkeley Lab Calendar ability to sync up with your personal calendar										
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-	
All	4.19	8%	13%	8%	19%	24%	27%	195	1.63	0.23	
SCI	4.18	9%	16%	5%	17%	23%	30%	119			
PDFS	5.11	0%	0%	6%	17%	39%	39%	18			
STA	3.91	9%	12%	16%	24%	22%	17%	58			

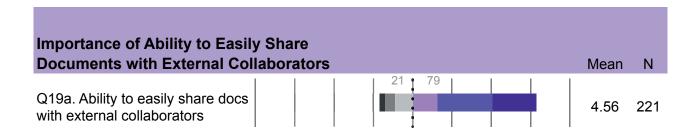
Q16c	Berkeley Lab Calendar ability to schedule meetings with people at the UC Berkeley campus										
	Mean	VU	C	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-	
All	3.78	9%	14%	19%	22%	22%	15%	209	1.52	0.21	
SCI	3.69	10%	18%	18%	17%	21%	16%	122			
PDFS	4.25	0%	0%	38%	19%	25%	19%	16			
STA	3.85	8%	11%	15%	30%	23%	13%	71			

Q16d	Other	Berke	ley Lal	o Cale	ndar in	nprove	ements	;		
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-
All	4.85	10%	2%	2%	2%	44%	39%	41	1.53	0.47
SCI	5.08	8%	4%	0%	0%	38%	50%	26		
PDFS	5.33	0%	0%	0%	0%	67%	33%	3		
STA	4.25	17%	0%	8%	8%	50%	17%	12		

Collaboration Services







Q17	Do you use the eRoom collaboration services?									
	Yes	No	Don't Know	Count						
All	24%	66%	10%	537						
SCI	29%	62%	9%	271						
PDFS	2%	82%	15%	142						
STA	39%	53%	8%	124						

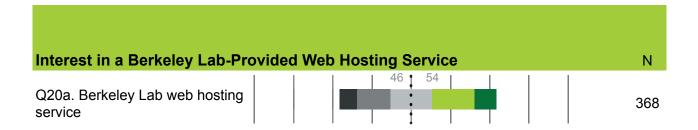
Q18a	eRoon	n over	all							
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.12	2%	12%	13%	23%	43%	7%	138	1.23	0.20
SCI	3.88	4%	16%	14%	28%	29%	8%	85		
PDFS	3.83	0%	17%	17%	33%	33%	0%	6		
STA	4.57	0%	4%	11%	13%	68%	4%	47		

Q19a	Ability to easily share docs with external collaborators										
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-	
All	4.56	4%	6%	11%	16%	35%	28%	221	1.36	0.18	
SCI	4.58	2%	8%	13%	16%	29%	32%	128			
PDFS	4.46	4%	4%	14%	18%	43%	18%	28			
STA	4.57	6%	5%	8%	14%	43%	25%	65			

MOR Associates, Inc.		

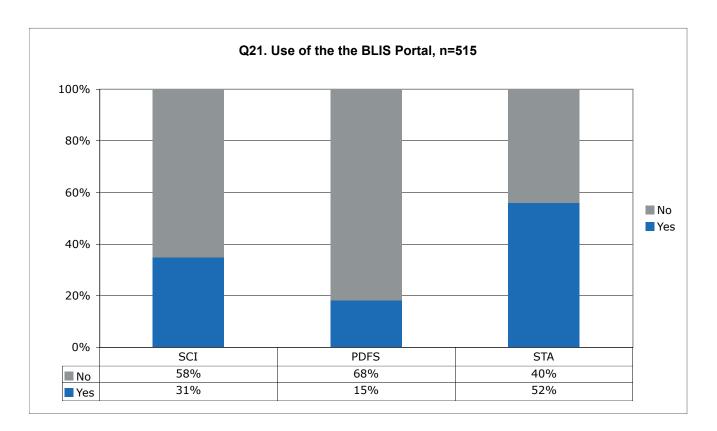
44 | Collaboration Services • Berkeley Lab IT Division 2007 Customer Survey

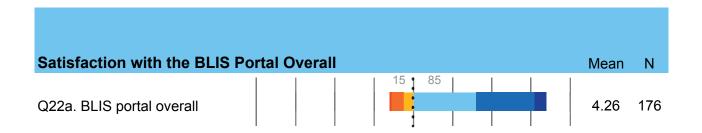
Web Hosting



Q20a	Berkeley Lab v	erkeley Lab web hosting service						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	11%	21%	27%	27%	14%	368		
SCI	7%	20%	28%	27%	18%	205		
PDFS	19%	20%	23%	32%	6%	84		
STA	14%	25%	28%	22%	11%	79		

BLIS Portal





Q21	Do you use the BLIS Portal?						
	Yes	No	Count				
All	32%	56%	515				
SCI	31%	58%	256				
PDFS	15%	68%	133				
STA	52%	40%	126				

Q22a	BLIS	oortal	overall							
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.27	1%	8%	6%	40%	38%	7%	176	1.04	0.15
SCI	4.06	0%	14%	8%	39%	35%	4%	85		
PDFS	4.71	0%	0%	4%	33%	50%	13%	24		
STA	4.37	3%	3%	4%	43%	36%	10%	67		

Interest in Accessing Specific	ed Info	ormati	ion V	ia Em	ail R	ather	Than	the Po	rtal N
Q23d. Action item notification (Travel, Procurement, EH&S, LETS, etc.)				23	77				172
Q23a. Lab announcements				28	72				182
Q23b. Email storage usage				33	68				180
Q23c. BLIS Reporting System (BRS) reports				47	53				152
Interest in Accessing Specific Via a Website Rather Than th			ion						N
Q24c. Phone directory information for Lab, DOE, and UC employees				24	76				167
Q24a. Laboratory forms				27	73				163
Q24b. Laboratory applications				29	71				160

Q23a	Lab announce	_ab announcements						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	7%	11%	20%	46%	16%	182		
SCI	8%	15%	22%	43%	13%	88		
PDFS	0%	4%	25%	68%	4%	28		
STA	8%	9%	17%	39%	27%	66		

Q23b	Email storage	Email storage usage						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	11%	14%	15%	44%	16%	180		
SCI	8%	16%	14%	49%	13%	87		
PDFS	11%	4%	18%	61%	7%	28		
STA	14%	17%	15%	31%	23%	65		

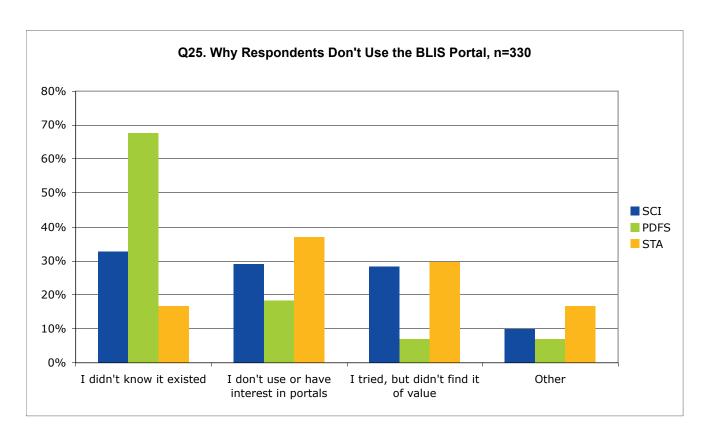
Q23c	BLIS Reporting System (BRS) reports						
	Not At All Not Very Somewhat		Very				
	Interested	Interested	Interested	Interested	Interested	Count	
All	13%	25%	19%	32%	11%	152	
SCI	12%	27%	18%	36%	7%	73	
PDFS	14%	18%	23%	36%	9%	22	
STA	12%	25%	19%	26%	18%	57	

Q23d	Action item no	ction item notification (Travel, Procurement, EH&S, LETS, etc.)						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	8%	6%	17%	45%	23%	172		
SCI	7%	7%	16%	51%	19%	83		
PDFS	4%	4%	24%	56%	12%	25		
STA	9%	6%	17%	34%	33%	64		

Q24a	Laboratory for	ms				
	Not At All	Not Very	Somewhat		Very	
	Interested	Interested	Interested	Interested	Interested	Count
All	4%	12%	23%	44%	18%	163
SCI	3%	16%	22%	42%	17%	76
PDFS	8%	8%	20%	64%	0%	25
STA	3%	8%	26%	37%	26%	62

Q24b	Laboratory ap	boratory applications						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	3%	14%	24%	42%	18%	160		
SCI	1%	18%	24%	38%	19%	74		
PDFS	8%	8%	24%	60%	0%	25		
STA	3%	11%	23%	39%	23%	61		

Q24c	Phone directo	Phone directory information for Lab, DOE, and UC employees							
	Not At All	Not Very	Somewhat		Very				
	Interested	Interested	Interested	Interested	Interested	Count			
All	4%	11%	18%	43%	25%	167			
SCI	3%	15%	18%	41%	24%	80			
PDFS	4%	4%	24%	56%	12%	25			
STA	5%	10%	16%	39%	31%	62			

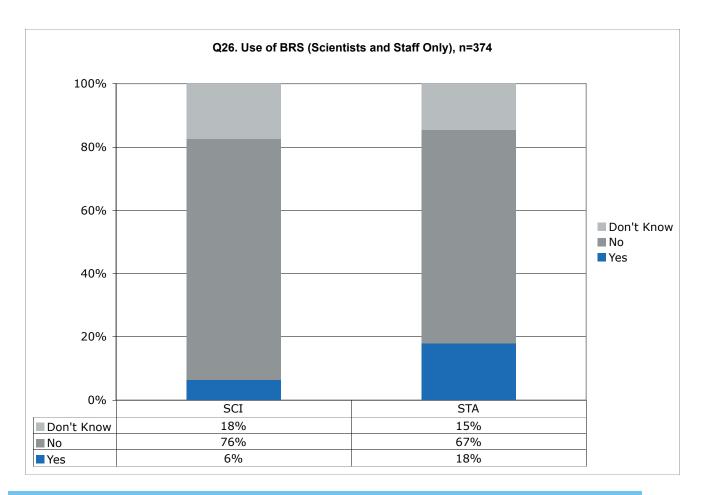


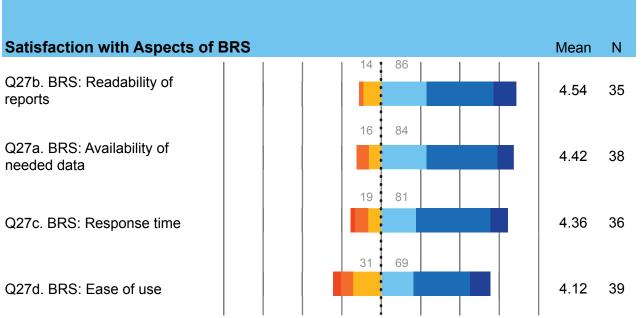
Q25	If you don't use the BLIS Portal, please tell us why.							
	I didn't know it existed	I don't use or have interest in portals	didn't find it		Count			
All	42%	27%	21%	10%	330			
SCI	33%	29%	28%	10%	162			
PDFS	68%	18%	7%	7%	114			
STA	17%	37%	30%	17%	54			

See **Appendix** Α

Q25a. Other reasons why respondents don't use the BLIS Portal.

BLIS Reporting System (BRS)





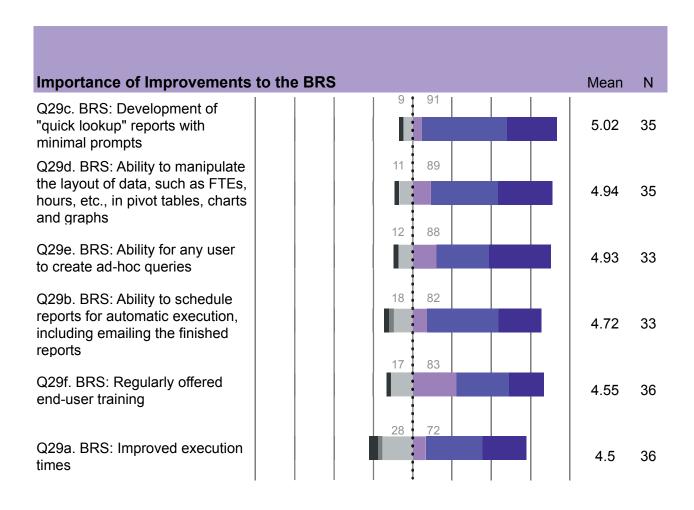
Q26		e Berkeley Lab ng System (BR:	Information Sys S)?	stems
	Yes	No	Don't Know	Count
All	10%	73%	17%	374
SCI	6%	76%	18%	251
STA	18%	67%	15%	123

Q27a	BRS:	Availal	oility o	f need	ed dat	a								
	Mean	ean VD D SD SS S VS Count Std. Dev. 95% CI+-												
All	4.42	0%	8%	8%	29%	45%	11%	38	1.06	0.34				
SCI	4.40	0%	0%	13%	40%	40%	7%	15						
STA	4.43	0%	13%	4%	22%	48%	13%	23						

Q27b	BRS: I	Reada	bility c	f repo	rts								
	Mean	Mean VD D SD SS S VS Count Std. Dev. 95% CI+											
All	4.54	0%	3%	11%	29%	43%	14%	35	0.98	0.32			
SCI	4.40	0%	0%	13%	40%	40%	7%	15					
STA	4.65	0%	5%	10%	20%	45%	20%	20					

BRS: Response time												
Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
4.36	3%	8%	8%	22%	47%	11%	36	1.22	0.40			
4.43	0%	7%	7%	29%	50%	7%	14					
4.32	5%	9%	9%	18%	45%	14%	22					
	Mean 4.36 4.43	Mean VD 4.36 3% 4.43 0%	Mean VD D 4.36 3% 8% 4.43 0% 7%	Mean VD D SD 4.36 3% 8% 8% 4.43 0% 7% 7%	Mean VD D SD SS 4.36 3% 8% 8% 22% 4.43 0% 7% 7% 29%	Mean VD D SD SS S 4.36 3% 8% 8% 22% 47% 4.43 0% 7% 7% 29% 50%	Mean VD D SD SS S VS 4.36 3% 8% 8% 22% 47% 11% 4.43 0% 7% 7% 29% 50% 7%	Mean VD D SD SS S VS Count 4.36 3% 8% 8% 22% 47% 11% 36 4.43 0% 7% 7% 29% 50% 7% 14	Mean VD D SD SS S VS Count Std. Dev. 4.36 3% 8% 8% 22% 47% 11% 36 1.22 4.43 0% 7% 7% 29% 50% 7% 14			

Q27d	BRS: I	Ease o	f use							
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.13	5%	8%	18%	21%	36%	13%	39	1.36	0.43
SCI	3.94	6%	6%	25%	19%	38%	6%	16		
STA	4.26	4%	9%	13%	22%	35%	17%	23		



Q29a	BRS:	Improv	ed ex	ecutio	n times	3				
	Mean	٧U	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	4.50	6%	3%	19%	8%	36%	28%	36	1.44	0.47
SCI	4.20	0%	7%	33%	13%	27%	20%	15		
STA	4.71	10%	0%	10%	5%	43%	33%	21		

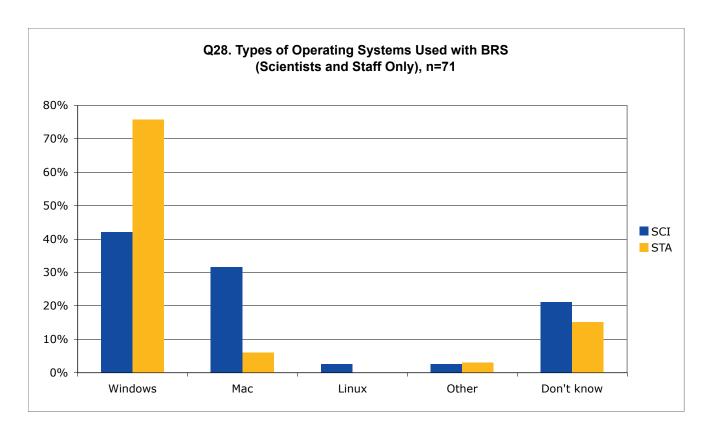
Q29b													
	Mean	VU	U	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-			
All	4.73	3%	3%	12%	9%	45%	27%	33	1.26	0.43			
SCI	4.53	0%	7%	20%	13%	33%	27%	15					
STA	4.89	6%	0%	6%	6%	56%	28%	18					

Q29c	BRS: Development of "quick lookup" reports with minimal prompts												
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-			
All	5.03	3%	0%	6%	6%	54%	31%	35	1.04	0.35			
SCI	4.94	0%	0%	13%	6%	56%	25%	16					
STA	5.11	5%	0%	0%	5%	53%	37%	19					

Q29d	BRS: Ability to manipulate the layout of data, such as FTEs, hours, etc., in pivot tables, charts and graphs											
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-		
All	4.94	3%	0%	9%	11%	43%	34%	35	1.14	0.38		
SCI	4.94	0%	0%	13%	13%	44%	31%	16				
STA	4.95	5%	0%	5%	11%	42%	37%	19				

Q29e	BRS: Ability for any user to create ad-hoc queries											
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-		
All	4.94	3%	0%	9%	15%	33%	39%	33	1.20	0.41		
SCI	4.79	0%	0%	14%	29%	21%	36%	14				
STA	5.05	5%	0%	5%	5%	42%	42%	19				

Q29f	BRS: Regularly offered end-user training												
	Mean												
All	4.56	3%	0%	14%	28%	33%	22%	36	1.16	0.38			
SCI	4.33	0%	0%	27%	33%	20%	20%	15					
STA	4.71	5%	0%	5%	24%	43%	24%	21					

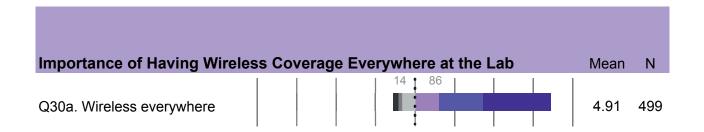


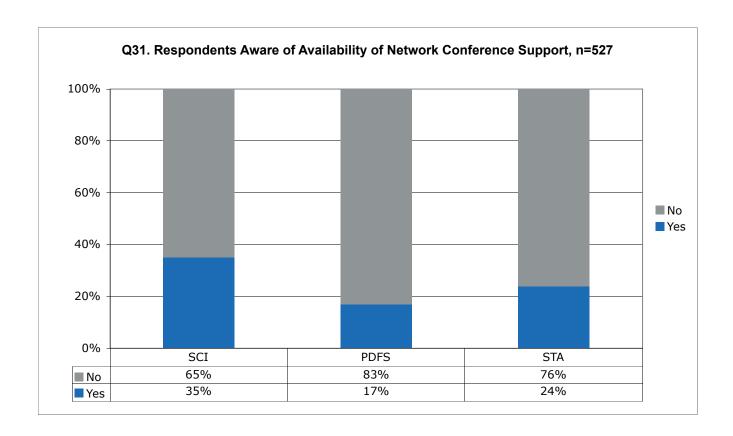
Q28	What kind of c	perating syste	m do you use l	BRS with?		
	Windows	Mac	Linux	Don't know	Other	Count
All	58%	20%	1%	18%	3%	71
SCI	42%	32%	3%	21%	3%	38
STA	76%	6%	0%	15%	3%	33

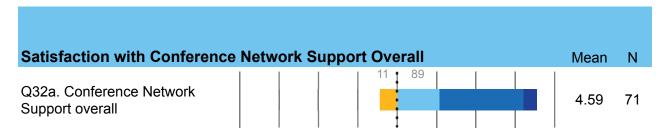
NOTE

For Q28a. Other operating systems used with BRS, there were no responses.

Special Network Services







Q30a	Wireless everywhere									
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	4.91	3%	2%	8%	15%	28%	43%	499	1.28	0.11
SCI	5.03	2%	1%	7%	16%	26%	46%	267		
PDFS	4.83	4%	4%	9%	14%	25%	43%	127		
STA	4.71	6%	3%	9%	14%	34%	34%	105		

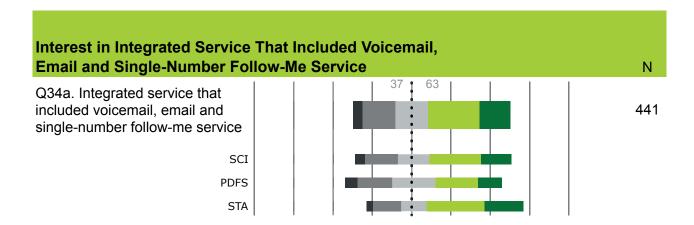
Q31	Did you know that temporary wired and wireless networks, known as Conference Network Support, are available?							
	Yes	No	Count					
All	28%	72%	527					
SCI	35%	65%	271					
PDFS	17%	83%	135					
STA	24%	76%	121					

Q32a	Conference Network Support overall									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.59	0%	0%	11%	27%	54%	8%	71	0.80	0.19
SCI	4.58	0%	0%	13%	27%	49%	11%	45		
PDFS	4.43	0%	0%	14%	29%	57%	0%	14		
STA	4.83	0%	0%	0%	25%	67%	8%	12		

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Telephone Services

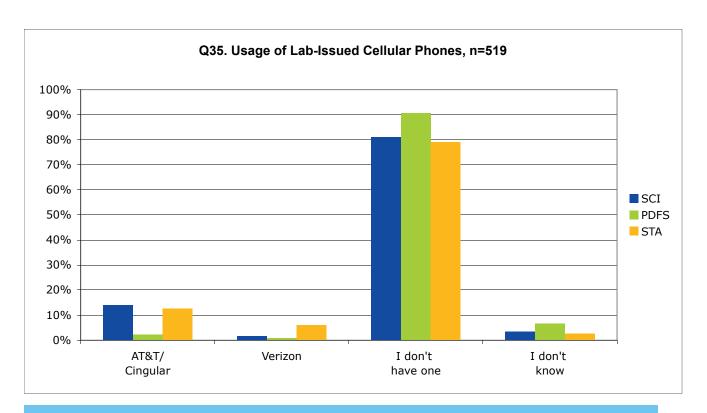


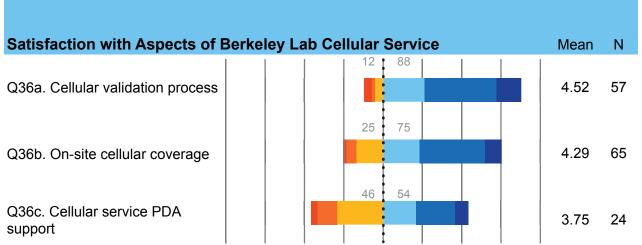


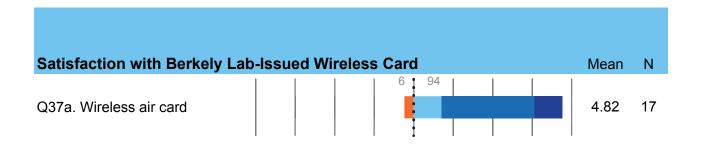
Q33a	Voicer	nail								
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.52	1%	4%	8%	24%	52%	10%	458	1.01	0.09
SCI	4.52	1%	3%	9%	25%	54%	8%	258		
PDFS	4.39	3%	5%	9%	25%	53%	6%	80		
STA	4.63	1%	6%	7%	20%	49%	18%	120		

Q34a	Integrated serve					
	Not At All	Not Very	Somewhat		Very	
	Interested	Interested	Interested	Interested	Interested	Count
All	6%	21%	21%	33%	20%	441
SCI	6%	21%	20%	33%	19%	236
PDFS	8%	22%	28%	27%	15%	100
STA	4%	18%	16%	37%	25%	105

Cellular Phones, PDA Support and Wireless Air Card







Q35		If you have a lab-issued cellular phone, which service are you using?											
	AT&T/		l don't	l don't									
	Cingular	Verizon	have one	know	Count								
All	11%	2%	83%	4%	519								
SCI	14%	2%	81%	3%	263								
PDFS	2%	1%	91%	7%	137								
STA	13%	6%	79%	3%	119								

Q36a	Cellular validation process												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	4.53	5%	2%	5%	26%	46%	16%	57	1.20	0.31			
SCI	4.49	6%	3%	6%	23%	49%	14%	35					
PDFS	5.33	0%	0%	0%	0%	67%	33%	3					
STA	4.47	5%	0%	5%	37%	37%	16%	19					

Q36b	On-site cellular coverage												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	4.29	2%	6%	17%	23%	42%	11%	65	1.16	0.28			
SCI	4.26	3%	8%	18%	15%	46%	10%	39					
PDFS	4.40	0%	0%	0%	60%	40%	0%	5					
STA	4.33	0%	5%	19%	29%	33%	14%	21					

Q36c	Cellular service PDA support													
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	3.75	4%	13%	29%	21%	25%	8%	24	1.33	0.53				
SCI	3.40	7%	20%	33%	13%	20%	7%	15						
PDFS	5.00	0%	0%	0%	0%	100%	0%	1						
STA	4.25	0%	0%	25%	38%	25%	13%	8						

Q37a	Wirele	Wireless air card												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	4.82	0%	6%	0%	18%	59%	18%	17	0.95	0.45				
SCI	4.78	0%	0%	0%	33%	56%	11%	9						
PDFS	4.33	0%	33%	0%	0%	33%	33%	3						
STA	5.20	0%	0%	0%	0%	80%	20%	5						

70	C	ellular	Phones,	PDA Su	pport an	d Wirele	ss Cards	• Berkel	ey Lab IT	Division 2	2007 Cust	omer Sur	vey
1.40	D. A		1										

Cyber Security

Satisfaction with the Berkeley	y Lab (Cybe	r Sec	curit	ty F	0.7	ram	Ove	all		Mean	N
Q38a. Cyber Security Program overall					3	97					5.07	441
Satisfaction with Aspects of the Berkeley Lab Cyber Security		am									Mean	N
Q39a. Support for appropriately protecting your computer					3	97					5.06	424
resources					4	96						
Q39b. Information on security policies and recommendations											5.04	425
policies and recommendations					3	97						
Q39c. Computer Protection Program website											4.98	365
-					8	92						
Q39d. Cyber Security Annual Refresher training											4.76	409

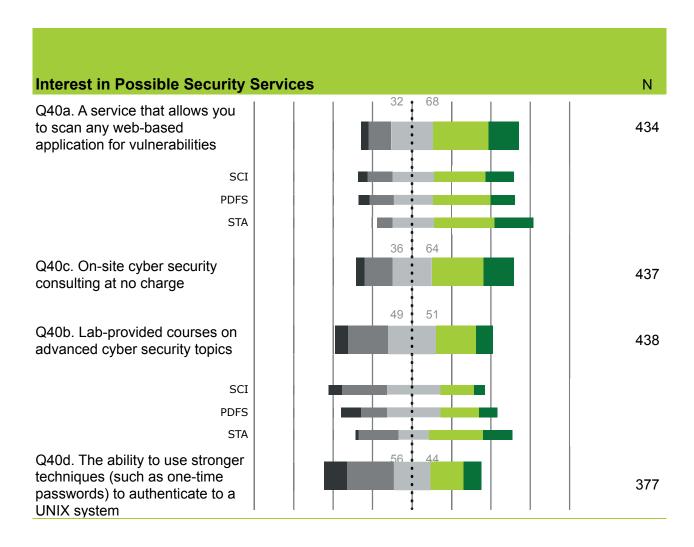
Q38a	Cyber	Cyber Security Program overall											
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-			
All	5.07	0%	0%	2%	10%	61%	25%	441	0.75	0.07			
SCI	5.05	1%	1%	3%	11%	57%	28%	236					
PDFS	4.95	0%	0%	3%	14%	68%	15%	94					
STA	5.22	0%	0%	2%	4%	66%	29%	111					

Q39a	Support for appropriately protecting your computer resources											
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-		
All	5.07	0%	1%	2%	13%	56%	28%	424	0.79	0.07		
SCI	5.05	0%	2%	1%	16%	52%	29%	229				
PDFS	4.97	0%	1%	2%	15%	63%	19%	89				
STA	5.20	0%	0%	3%	7%	58%	32%	106				

Q39b	Information on security policies and recommendations												
	Mean	Mean VD D SD SS S VS Count Std. Dev. 95% CI											
All	5.05	0%	0%	3%	14%	56%	26%	425	0.77	0.07			
SCI	5.04	0%	0%	4%	14%	54%	28%	227					
PDFS	4.96	0%	1%	2%	15%	64%	18%	89					
STA	5.15	0%	0%	2%	12%	56%	30%	109					

Q39c	Computer Protection Program website									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.99	0%	1%	2%	16%	59%	22%	365	0.75	0.08
SCI	4.96	1%	1%	2%	17%	58%	22%	190		
PDFS	4.90	0%	1%	4%	15%	65%	16%	82		
STA	5.12	0%	0%	0%	15%	58%	27%	93		

Q39d	Cyber Security Annual Refresher training									
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.76	2%	2%	5%	20%	53%	18%	409	0.98	0.09
SCI	4.70	2%	1%	6%	22%	53%	16%	210		
PDFS	4.61	3%	2%	6%	23%	50%	16%	90		
STA	4.99	0%	2%	3%	15%	56%	25%	109		



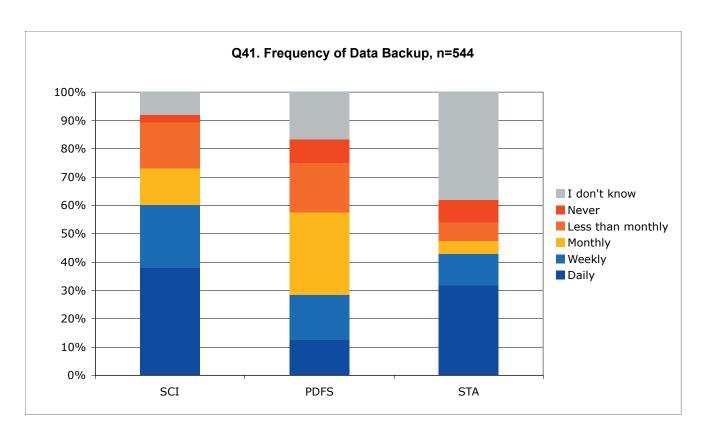
Q40a	A service that allows you to scan any web-based application for vulnerabilities						
	Not At All	Not Very	Somewhat		Very		
	Interested	Interested	Interested	Interested	Interested	Count	
All	5%	14%	26%	35%	19%	434	
SCI	6%	16%	27%	33%	18%	227	
PDFS	7%	16%	25%	37%	16%	103	
STA	0%	10%	27%	38%	25%	104	

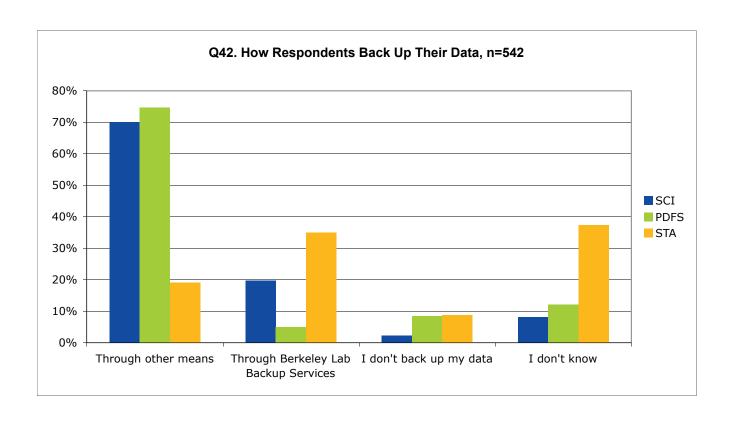
Q40b	Lab-provided courses on advanced cyber security topics					
	Not At All Not Very Somewhat				Very	
	Interested	Interested	Interested	Interested	Interested	Count
All	8%	25%	31%	25%	11%	438
SCI	9%	29%	34%	21%	7%	234
PDFS	13%	17%	34%	25%	12%	102
STA	2%	25%	20%	34%	19%	102

Q40c	On-site cyber security consulting at no charge					
	Not At All Not Very Somewhat				Very	
	Interested	Interested	Interested	Interested	Interested	Count
All	6%	17%	25%	33%	19%	437
SCI	6%	15%	28%	34%	17%	235
PDFS	9%	17%	24%	31%	18%	103
STA	1%	22%	18%	33%	25%	99

Q40d	The ability to use stronger techniques (such as one-time passwords) to authenticate to a UNIX system							
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	15%	30%	23%	21%	11%	377		
SCI	18%	32%	21%	20%	9%	210		
PDFS	12%	22%	29%	27%	9%	85		
STA	9%	32%	22%	20%	18%	82		

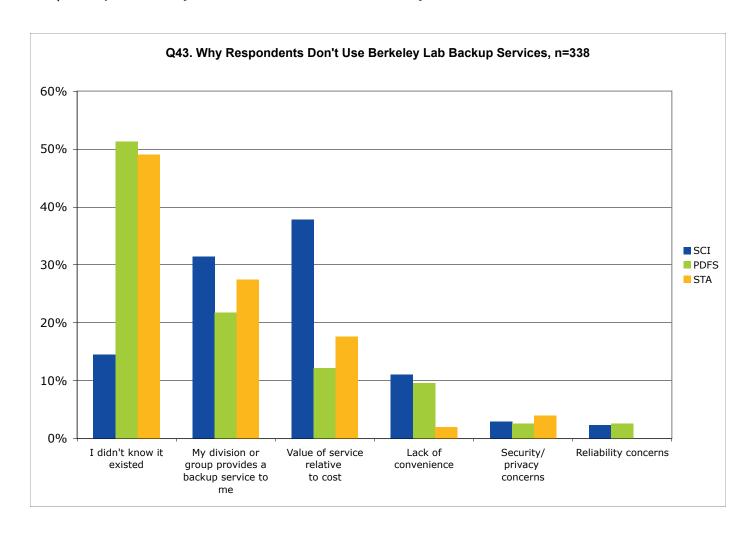
Backups

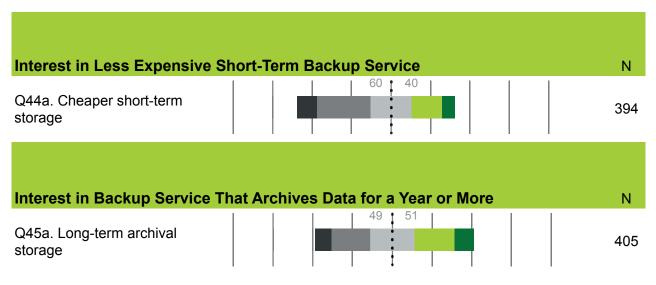




Q41	How frequently	y does your dat	a get backed u	p?			
			••	Less than			•
	Daily	Weekly	Monthly	monthly	Never	I don't know	Count
All	30%	18%	15%	14%	5%	17%	544
SCI	38%	22%	13%	16%	3%	8%	274
PDFS	13%	16%	29%	17%	8%	17%	144
STA	32%	11%	5%	6%	8%	38%	126

Q42	How is your da	ta backed up?			
	Through Berkeley Lab				
	Backup	Through	l don't back		
	Services	other means	up my data	I don't know	Count
All	19%	59%	5%	16%	542
SCI	20%	70%	2%	8%	274
PDFS	5%	75%	8%	12%	142
STA	35%	19%	9%	37%	126





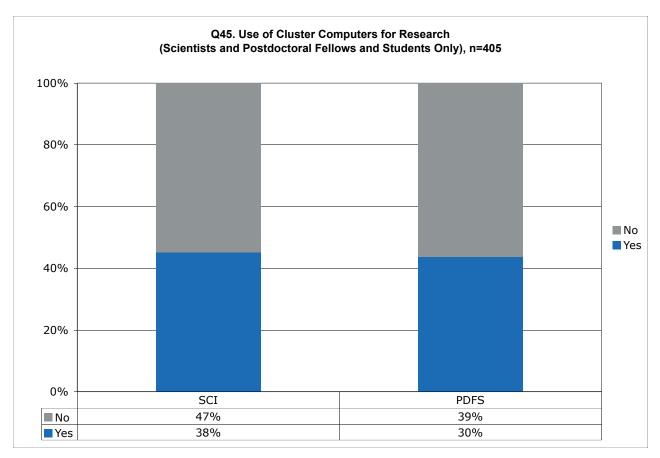
Q43a. Other reasons why respondents don't use the Berkeley Lab Backup Services.

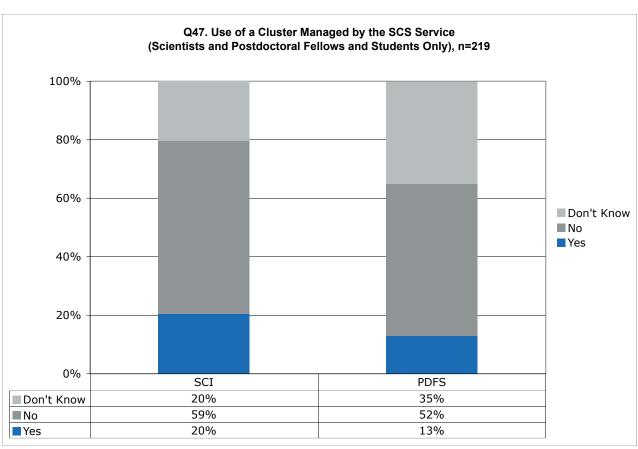
Q43	If you don't us	e the Berkeley I	Lab Backup Se	rvices, please t	ell us why.		
	l didn't know	My division or group provides a backup		Reliability	Security/ privacy		
	it existed	service to me	convenience	concerns	concerns	to cost	Count
All	32%	28%	9%	2%	3%	26%	338
SCI	15%	31%	11%	2%	3%	38%	172
PDFS	51%	22%	10%	3%	3%	12%	115
STA	49%	27%	2%	0%	4%	18%	51

Q44a	Cheaper short-term storage						
	Not At All Not Very Somewhat				Very		
	Interested	Interested	Interested	Interested	Interested	Count	
All	13%	34%	26%	19%	8%	394	
SCI	14%	35%	25%	17%	9%	221	
PDFS	14%	33%	23%	22%	8%	97	
STA	9%	30%	33%	21%	7%	76	

Q45a	Long-term arc	ong-term archival storage						
	Not At All	Not Very	Somewhat		Very			
	Interested	Interested	Interested	Interested	Interested	Count		
All	10%	24%	28%	25%	12%	405		
SCI	12%	25%	30%	22%	11%	227		
PDFS	10%	20%	25%	31%	13%	99		
STA	6%	28%	25%	27%	14%	79		

Scientific Cluster Support





Q46	Do you or your research group need or use cluster computers to meet your computing needs?						
	Yes	No	Count				
All	36%	44%	405				
SCI	38%	47%	268				
PDFS	30%	39%	137				

Q47		Do you use a cluster managed by the IT Division's SCS service?											
	Yes	No	Don't Know	Count									
All	18%	57%	26%	219									
SCI	20%	59%	20%	142									
PDFS	13%	13% 52% 35% 77											

Satisfaction with Aspects of t	the SC	S Servic				Mean	N
Q48c. SCS technical			5	95		5.15	38
competence						0.10	00
			8	92			
Q48b. SCS response time						5.02	38
			5	95			
Q48a. SCS customer service						5.02	39
Q48d. Value of SCS service			10	90			
relative to cost						4.8	30

Q48a	SCS c	ustom	er ser	vice						
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	5.03	3%	0%	3%	15%	46%	33%	39	1.01	0.32
SCI	5.19	0%	0%	0%	15%	52%	33%	27		
PDFS	4.67	8%	0%	8%	17%	33%	33%	12		

Q48b	SCS r	espon	se time	е						
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	5.03	3%	3%	3%	13%	39%	39%	38	1.15	0.37
SCI	5.19	0%	0%	0%	19%	42%	38%	26		
PDFS	4.67	8%	8%	8%	0%	33%	42%	12		

Q48c	SCS to	SCS technical competence														
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-						
All	5.16	3%	0%	3%	13%	37%	45%	38	1.05	0.33						
SCI	5.31	0%	0%	0%	19%	31%	50%	26								
PDFS	4.83	8%	0%	8%	0%	50%	33%	12								

Q48d	Value	Value of SCS service relative to cost													
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-					
All	4.80	3%	3%	3%	23%	33%	33%	30	1.24	0.44					
SCI	5.05	0%	0%	0%	33%	29%	38%	21							
PDFS	4.22	11%	11%	11%	0%	44%	22%	9							

Importance of Factors in Dec	sion to Not Use SCS Services for Clusters	Mean	N
Q49a. Cost of ongoing support	6 94	5.22	48
Q49b. Desire to be autonomous	26 74	4.36	50
Q49c. Other	15 85	4.84	13

Importance of Factors in Dec	ision to No	t Acqı	uire a	Clus	ter		Mean	N
Q50a. Cost to purchase cluster			12	88			5.26	26
Q50b. Cost to support cluster			7	93			5.25	27
Q50e. Have access to shared cluster resources			18	82			4.90	22
Q50c. Need for cluster computing time is small and/or intermittent			32	68			4.04	22
Q50d. Clusters aren't critical to work			42	58			3.42	19
Q50f. Other			0	100			5.5	4

Q49d. Other factors in decision to not use SCS services for clusters.

Q50g. Other factors in decision to not acquire a cluster.

Q49a	Cost	of ong	oing s	upport						
	Mean	VU	U	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-
All	5.23	2%	2%	2%	8%	35%	50%	48	1.08	0.30
SCI	5.13	3%	3%	3%	10%	36%	46%	39		
PDFS	5.67	0%	0%	0%	0%	33%	67%	9		

Q49b	Desire	Desire to be autonomous														
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-						
All	4.36	10%	4%	12%	14%	34%	26%	50	1.57	0.44						
SCI	4.21	10%	5%	13%	18%	33%	21%	39								
PDFS	4.91	9%	0%	9%	0%	36%	45%	11								

Q49c	Other									
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	4.85	8%	8%	0%	0%	46%	38%	13	1.57	0.86
SCI	4.70	10%	10%	0%	0%	40%	40%	10		
PDFS	5.33	0%	0%	0%	0%	67%	33%	3		

Q50a	Cost to	o purc	hase o	luster						
	Mean	VU	U	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-
All	5.27	0%	0%	12%	4%	31%	54%	26	1.00	0.39
SCI	5.19	0%	0%	13%	6%	31%	50%	16		
PDFS	5.40	0%	0%	10%	0%	30%	60%	10		

Q50b	Cost t	Cost to support cluster												
	Mean	VU	C	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-				
All	5.26	4%	0%	4%	4%	37%	52%	27	1.13	0.43				
SCI	5.29	6%	0%	0%	0%	41%	53%	17						
PDFS	5.20	0%	0%	10%	10%	30%	50%	10						

Q50c	Need	Need for cluster computing time is small and/or intermittent											
	Mean	VU	Ω	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-			
All	4.05	18%	0%	14%	18%	27%	23%	22	1.76	0.73			
SCI	3.23	31%	0%	15%	31%	15%	8%	13					
PDFS	5.22	0%	0%	11%	0%	44%	44%	9					

Q50d	Cluste	ers are	n't crit	ical to	work					
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	3.42	26%	16%	0%	21%	21%	16%	19	1.92	0.87
SCI	2.46	38%	23%	0%	31%	8%	0%	13		
PDFS	5.50	0%	0%	0%	0%	50%	50%	6		

Q50e	Have a	access	to sh	ared c	luster	resour	ces			
	Mean	VU	C	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-
All	4.91	5%	9%	5%	5%	27%	50%	22	1.54	0.64
SCI	4.62	8%	8%	8%	8%	31%	38%	13		
PDFS	5.33	0%	11%	0%	0%	22%	67%	9		

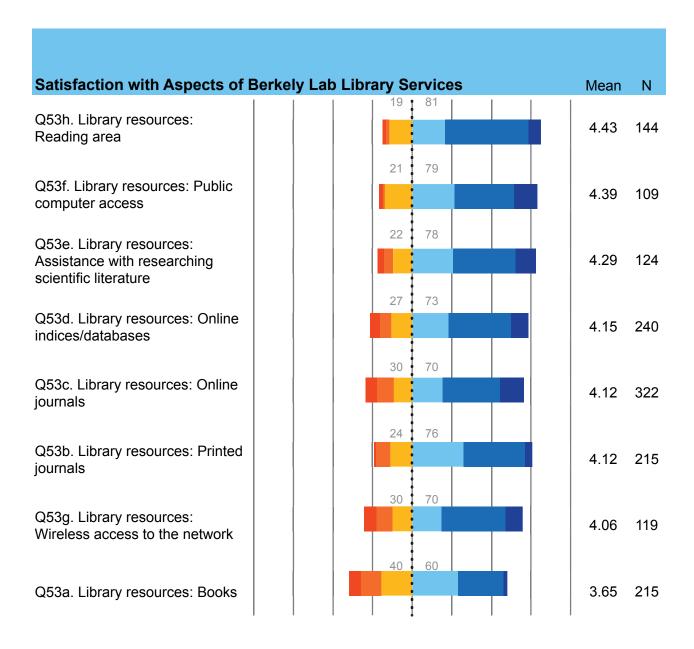
Q50f	Other									
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	5.50	0%	0%	0%	0%	50%	50%	4	0.58	0.57
SCI	5.50	0%	0%	0%	0%	50%	50%	2		
PDFS	5.50	0%	0%	0%	0%	50%	50%	2		



Q51a													
	Not At All	Not Very	Somewhat		Very								
	Interested	Interested	Interested	Interested	Interested	Count							
All	12%	17%	28%	30%	12%	106							
SCI	13%	17%	29%	30%	10%	82							
PDFS	8%	17%	25%	29%	21%	24							

Library Services

Satisfaction with Berkely L	ab Library Services Overall	Mean N
Q52a. Berkeley Lab Library services overall	26 74	4.10 312



Q52a	Berke	ley La	b Libra	ary ser	vices o	overall				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.10	4%	6%	17%	29%	38%	6%	312	1.16	0.13
SCI	4.09	3%	6%	15%	34%	37%	4%	233		
PDFS	4.13	6%	5%	20%	16%	42%	10%	79		

Q53a	Librar	y reso	urces:	Books	S					
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	3.66	7%	13%	20%	29%	29%	2%	215	1.29	0.17
SCI	3.64	8%	10%	21%	31%	27%	2%	169		
PDFS	3.70	4%	24%	13%	20%	35%	4%	46		

Q53b	Librar	Library resources: Printed journals												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	4.12	1%	9%	14%	33%	39%	5%	215	1.09	0.15				
SCI	4.10	1%	8%	16%	35%	36%	5%	171						
PDFS	4.20	2%	14%	5%	25%	50%	5%	44						

Q53c	Librar	y reso	urces:	Online	e journ	als				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.12	7%	11%	12%	19%	37%	15%	322	1.46	0.16
SCI	4.18	7%	10%	12%	19%	37%	16%	242		
PDFS	3.94	9%	14%	13%	18%	35%	13%	80		

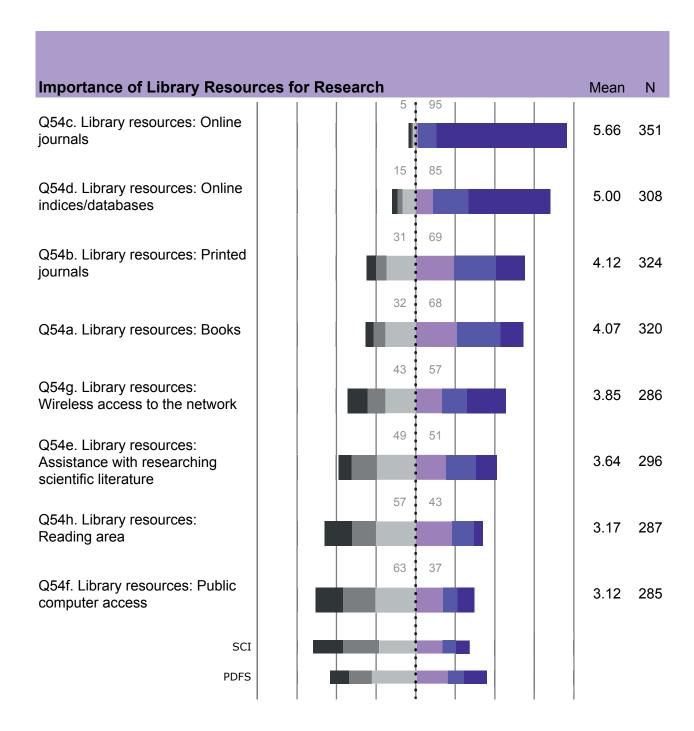
Q53d	Library	Library resources: Online indices/databases												
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-				
All	4.15	6%	7%	13%	23%	40%	11%	240	1.34	0.17				
SCI	4.17	6%	6%	13%	25%	39%	10%	183						
PDFS	4.09	7%	11%	14%	16%	40%	12%	57						

Q53e	Librar	y reso	urces:	Assis	tance v	with re	search	ning scie	entific liter	ature
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.30	4%	6%	12%	26%	40%	13%	124	1.24	0.22
SCI	4.38	3%	4%	13%	27%	39%	15%	96		
PDFS	4.04	7%	11%	11%	21%	43%	7%	28		

Q53f	Librar	y reso	urces:	Public	comp	outer a	ccess			
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.39	3%	1%	17%	27%	38%	15%	109	1.13	0.21
SCI	4.51	1%	0%	15%	31%	37%	16%	75		
PDFS	4.15	6%	3%	24%	18%	38%	12%	34		

Q53g	Librar	y reso	urces:	Wirel	ess ac	cess to	the n	etwork		
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.07	8%	10%	13%	18%	40%	11%	119	1.44	0.26
SCI	4.00	7%	12%	12%	18%	43%	7%	83		
PDFS	4.22	8%	6%	14%	19%	33%	19%	36		

Q53h	Librar	y reso	urces:	Readi	ng are	а				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.43	2%	2%	15%	21%	53%	8%	144	1.04	0.17
SCI	4.49	0%	2%	15%	24%	51%	8%	106		
PDFS	4.26	8%	3%	13%	13%	58%	5%	38		



Q54a	Librar	y reso	urces:	Books	3					
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	4.08	5%	8%	19%	26%	28%	14%	320	1.34	0.15
SCI	4.00	4%	8%	22%	28%	24%	13%	231		
PDFS	4.28	7%	6%	12%	20%	38%	17%	89		

Q54b	Librar	y reso	urces:	Printe	ed jour	nals				
	Mean	VU	U	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-
All	4.13	6%	6%	19%	24%	26%	18%	324	1.41	0.15
SCI	4.14	6%	6%	20%	24%	26%	19%	235		
PDFS	4.10	8%	7%	15%	26%	28%	17%	89		

Q54c	Librar	y reso	urces:	Onlin	e jourr	nals				
	Mean	VU	U	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-
All	5.67	2%	1%	2%	1%	12%	82%	351	0.93	0.10
SCI	5.74	2%	0%	1%	2%	11%	85%	251		
PDFS	5.49	3%	2%	4%	1%	14%	76%	100		

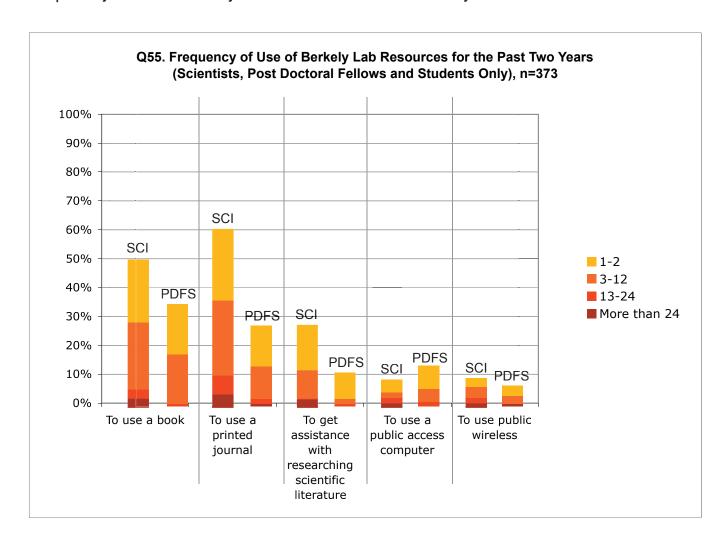
Q54d	Librar	y reso	urces:	Online	e indic	es/dat	abases	S		
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	5.01	4%	3%	8%	11%	22%	52%	308	1.34	0.15
SCI	5.10	3%	2%	8%	12%	22%	54%	219		
PDFS	4.78	6%	6%	10%	9%	24%	46%	89		

Q54e	Librar	y reso	urces:	Assis	tance	with re	searcl	ning scie	entific liter	ature
	Mean	VU	O	NVI	SI	ı	VI	Count	Std. Dev.	95% CI+-
All	3.65	8%	16%	25%	19%	19%	13%	296	1.49	0.17
SCI	3.65	8%	17%	25%	19%	16%	15%	213		
PDFS	3.64	10%	13%	23%	20%	25%	8%	83		

Q54f	Librar	y reso	urces:	Public	comp	uter a	ccess			
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	3.12	17%	20%	26%	17%	9%	11%	285	1.54	0.18
SCI	2.99	19%	23%	24%	16%	8%	9%	202		
PDFS	3.46	12%	14%	29%	19%	11%	14%	83		

Q54g	Librar	y reso	urces:	Wirele	ess ac	cess to	the n	etwork		
	Mean	VU	C	NVI	SI	_	VI	Count	Std. Dev.	95% CI+-
All	3.85	13%	11%	19%	17%	16%	24%	286	1.70	0.20
SCI	3.77	14%	13%	19%	15%	15%	25%	200		
PDFS	4.05	9%	7%	20%	22%	17%	24%	86		

Q54h	Librar	y reso	urces:	Readi	ng are	а				
	Mean	VU	U	NVI	SI	I	VI	Count	Std. Dev.	95% CI+-
All	3.18	17%	15%	25%	23%	14%	6%	287	1.45	0.17
SCI	3.10	18%	16%	23%	26%	13%	3%	202		
PDFS	3.36	15%	12%	31%	16%	15%	11%	85		



Q55g. Other reasons why respondents or their representatives visited the physical library.

Q55a	To use a book					
	0	1-2	3-12	13-24	More than 24	Count
All	55%	20%	21%	2%	2%	370
SCI	50%	21%	22%	3%	3%	251
PDFS	66%	17%	17%	1%	0%	119

Q55b	To use a printed journal							
	0	1-2	3-12	13-24	More than 24	Count		
All	50%	21%	21%	5%	3%	373		
SCI	40%	24%	25%	6%	5%	255		
PDFS	73%	14%	11%	2%	1%	118		

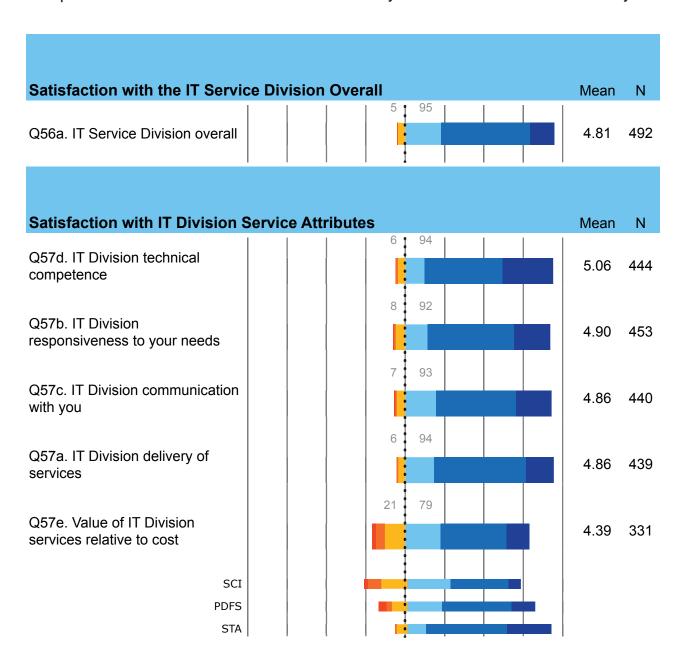
Q55c	To get assistance with researching scientific literature						
	0	1-2	3-12	13-24	More than 24	Count	
All	77%	13%	7%	1%	2%	359	
SCI	72%	15%	9%	0%	3%	244	
PDFS	89%	9%	2%	1%	0%	115	

Q55d	To use a public access computer							
	0	1-2	3-12	13-24	More than 24	Count		
All	89%	5%	3%	2%	1%	357		
SCI	90%	4%	2%	2%	2%	241		
PDFS	86%	8%	4%	2%	0%	116		

Q55e	To use public wireless							
	0	1-2	3-12	13-24	More than 24	Count		
All	91%	3%	3%	1%	1%	354		
SCI	90%	3%	4%	2%	2%	240		
PDFS	93%	4%	3%	0%	1%	114		

Q55f	Other					
	0	1-2	3-12	13-24	More than 24	Count
All	86%	5%	3%	1%	5%	184
SCI	80%	7%	4%	1%	8%	116
PDFS	96%	3%	0%	0%	1%	68

IT Division Overall and Service Attributes



Q58. What could IT do that would make it easier for you to do your research or work at **Berkeley Lab?**

Q59. Is there anything we didn't ask you about that you would like to comment on?

Q56a	IT Ser	vice D	ivisior	overa	ıll					
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.81	0%	0%	5%	23%	57%	15%	492	0.79	0.07
SCI	4.71	0%	0%	6%	27%	55%	12%	248		
PDFS	4.76	1%	0%	4%	25%	58%	12%	123		
STA	5.07	0%	0%	3%	12%	59%	26%	121		

Q57a	IT Div	ision d	leliver	y of se	rvices					
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.87	0%	1%	5%	18%	59%	18%	439	0.80	0.07
SCI	4.76	0%	1%	5%	22%	60%	12%	225		
PDFS	4.86	1%	0%	5%	16%	61%	16%	97		
STA	5.07	0%	2%	3%	12%	55%	29%	117		

Q57b	IT Division responsiveness to your needs											
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-		
All	4.91	1%	1%	6%	14%	55%	23%	453	0.90	0.08		
SCI	4.80	0%	1%	7%	18%	57%	17%	234				
PDFS	4.96	1%	0%	6%	12%	57%	24%	101				
STA	5.06	2%	2%	4%	8%	49%	35%	118				

Q57c	IT Divi	ision c	ommu	nicatio	on with	ı you				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.87	1%	1%	5%	20%	50%	23%	440	0.90	0.08
SCI	4.79	0%	0%	6%	23%	54%	16%	228		
PDFS	4.85	3%	0%	3%	20%	50%	24%	96		
STA	5.02	0%	3%	6%	13%	44%	34%	116		

Q57d	IT Div	ision t	echnic	al con	npeten	се				
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	5.06	0%	1%	5%	12%	50%	32%	444	0.89	0.08
SCI	5.03	0%	1%	5%	13%	50%	30%	230		
PDFS	4.97	1%	1%	4%	14%	53%	27%	98		
STA	5.21	0%	1%	5%	8%	45%	41%	116		

Q57e	Value	of IT D	Divisio	n servi	ces re	lative t	to cost			
	Mean	VD	D	SD	SS	S	VS	Count	Std. Dev.	95% CI+-
All	4.39	2%	6%	13%	22%	42%	15%	331	1.19	0.13
SCI	4.11	3%	9%	17%	27%	37%	8%	187		
PDFS	4.42	5%	3%	10%	22%	44%	15%	59		
STA	4.99	0%	1%	7%	12%	52%	28%	85		

102	I	IT	Div	visior	ı Ove	erall	and S	ervic	e Att	ribut	es •	Berk	eley	Lab I	T Div	ision	2007	7 Cust	omer	Surve	ey .

Appendix B The Survey Instrument

Berkeley Lab 2007 IT Division Services Survey

This survey is intended to gather information about your experiences using IT services at Berkeley Lab, so please answer about your experiences only. Your feedback will help us provide better service and set future priorities.

This survey will take about 10 minutes. Please note that your answers will not be captured until you press the submit button at the end of the survey.

During the survey, please do not use your browser's FORWARD and BACK buttons. Instead, always use the buttons on the bottom of each survey page to move forward or backward.

PRIVACY STATEMENT: To ensure confidentiality, this survey is being administered by MOR Associates, an outside consulting firm, on behalf of Berkeley Lab. Your responses will be submitted directly, and only, to them. Although the survey instrument collects information which identifies you, MOR Associates will use this information strictly and solely for the purpose of ensuring that reminders are sent only to those people who have not responded. It does not collect or record identifying information regarding the computer you use to enter your responses.

Please click the NEXT button at the bottom of this page to begin the survey.

Thank you for taking our survey!

If you encounter any question for which you are uncertain about the subject or for which you have no experience,



OR CHECK "N/A Don't Know."

Q1	Please click on the box below to acknowledge you read the
	instructions on this page.

Yes, I read them.

Q2	How long have you been at the I	ab?						
	Less than 3 years							
	3-5 years							
	5-10 years							
	10-20 years							
	More than 20 years							
	more than 20 years							
02	Are you a student at a LIC comm	?						
Q3	Are you a student at a UC campu	us :						
	□ No							
	INO							
	IT Help Des	sk and	d IT Di	ivisior	า Web	site		
	<u>-</u>							
Q4	If you used the Help Desk in the	past year,	, how satis	fied were y	ou with it	overall?		
		Very	Dissatisfied	Somewhat	Communitat		Manu	N/ADon't
		1	2	3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	Know
		\circ	\circ	\circ	\circ	\circ	\circ	\circ
Q5	What would increase your satisf	action wit	h IT Help C	esk servic	es?			
00				L. IT Divis		-:4- / -44		
Q6	How satisfied are you with the fo	Very	spects of t	Somewhat	sion's webs	site (nttp://	www.ibi.go	ov/11/)?
		Dissatisfied	Dissatisfied	Dissatisfied	Somewhat	0-4:-5-45	Very	N/ADon't
		1	2	3	Satisfied 4	Satisfied 5	Satisfied 6	Know
	Quality of content	\supset	\supset	\sim	\sim	\sim	\bigcirc	\bigcirc
	Currency of content (up-to-dateness)	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
	Ease of finding information you need		\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\mathbf{O}
	Clarity of information on services and costs	\circ	\circ	\circ	\circ	\circ	\circ	\circ

Software Downloads

Q7	Did you know that the IT Di featuring vendor-provided			vnloads we	eb page (h	ttp://softwa	are.lbl.gov/	'),
	Yes No							
Q8	Earlier this year, the IT Soft page since January 2007, h						nave used	this web
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Selection of software		\mathcal{O})	\mathbf{O}	\mathbf{O}		\mathcal{O}
	Face of use					\bigcirc		

			Email					
Q9	Which of the following best desc It is my primary address, and I u	se Berkeley	Lab system	s to send an	d receive mo			
Q10	If you use another email service,	y email serv	vice.	·		orwarded t	to it, please	e tell us
	why.						· ·	
Q11	How satisfied are you with the fo	ollowing a	spects of E	Berkeley La	ab email?			
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Spam blocking	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Reliability of sending and receiving email	Ò	Ó	Ò	Ó	Ó	Ò	Ó
	Web mail client (http://lbl.gov/mail)	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Amount of IMAP/email disk storage space	0	0	0	0	0	0	0
	Value of service relative to cost	\circ	\circ	\circ	\circ	O	\circ	O
Q12	How important would the following	ing be for	improving	vour satis	faction wit	h Berkelev	/ Lab email	12
~		Very Unimp	Unimportan	_	Somewhat		VeryImport	N/ADon't
		ortant 1	t2	portant3	Important4	Important5	ant 6	Know
	Improved web mail client	\bigcirc	\mathcal{O}	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
	Automated mailing list management (tools for creating and editing email addresses that go to multiple recipients)	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Support for PDAs other than the Treo	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Other, please specify:		<u>O</u>	<u>O</u>	<u> </u>	<u> </u>	<u> </u>	
_								
Q13	By user (flat fee per user)	_						
	No opinion/don't know							
	Other, please specify:							

		Ca	alenda	ır				
Q14	Do you use the Berkeley Lab Ca Yes No Don't know If you answered "No" or			ŕ				
Q15	How satisfied are you with the fo	ollowing a	spects of t	he Berkele	v I ab Cale	endar?		
4.0	now satisfied the year with the is	Very Dissatisfied		Somewhat	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Features	Ó	Ō	Ŏ				0
	Reliability	Ó	Ó	Ó	Ó	Ó	O	Ó
	Ease of use	0	0	0	0	0	0	0
	Customer support	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Calendar web client (http://lbl.gov/cal)	0	0	0	0	0	0	0
Q16	How important would the follow	ina be for	improvina	vour satis	faction wit	h the Berk	elev Lab C	alendar?
·		Very Unimp ortant 1	-	Not VeryIm portant3	Somewhat Important4	Important5	VeryImport ant 6	N/ADon't Know
	Ability to sync up with your PDA	Q	Q	Q	Q	Q	Q	Q
	Ability to sync up with your personal calendar	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Ability to schedule meetings with people at the UC Berkeley campus	0	0	0	0	0	0	0
	Other, please specify:		\circ	\circ	\circ	0	0	<u> </u>

	Col	llabora	ation S	Servic	es			
Q17	Do you use the eRoom collabor	ation sorvi	icas (http://	lbl govler	nom)?			
Q (1/	Yes No Don't know	adon Servi	res (m.þ://	ibi.gov/eft	50mj :			
Q18	How satisfied are you with eRoo		ration serv		all?			
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
040								•
Q19	How important is it for you to be	e able to ea Very Unimp	Unimportan	_				ors? N/ADon't
		ortant 1	t2	portant3	Somewhat Important4	Important5	VeryImport ant 6	Know
		Web	Host	ing				
Q20	How interested would you be in competitively priced with simila automatic wiki deployment, and	r commerc						
		Not at All Interested	Not Ver			erested I	Very nterested	N/ADon't Know
		0	0)	0	0	0
		BLI	S Por	tal				
Q21	Yes No Don't know	p://myblis.	lbl.gov) wi	thin the pa	st year?			
	If you answered "No" o	r "Don't	know",	please	skip to	the ne	xt page	
Q22	How satisfied are you with the B		l overall?	Comentar				
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
		Ó	Ō	Ò	0	0	0	0

Q23	How receptive would you be to o website rather than from the port		e following i	nformation v	via an email	or an email l	ink to a
		Not at All Interested	Not Very Interested	Somewhat Interested	Interested	Very Interested	N/ADon't Know
	Lab announcements	\mathbf{O}	\circ	\circ	\circ	\circ	\circ
	Email storage usage	\circ	\circ	\circ	\circ	\circ	\circ
	BLIS Reporting System (BRS) reports	0	0	0	0	0	0
	Action item notification (Travel, Procurement, EH&S, LETS, etc.)	0	0	0	\circ	\circ	0
Q24	How receptive would you be to o portal?	btaining the	e following i	nformation f	rom a websi	ite rather tha	n from the
		Not at All Interested	Not Very Interested	Somewhat Interested	Interested	Very Interested	N/ADon't Know
	Laboratory forms	\circ	\circ	\circ	\circ	0	\circ
	Laboratory applications	\circ	\circ	\circ	\circ	\circ	\circ
	Phone directory information for Lab, DOE, and UC employees	0	0	\circ	0	\circ	0

Q25	If you DON'T use the BLIS Portal, please tell us why.
	I didn't know it existed
	I don't use or have interest in portals
	I tried it, but didn't find it to be of value
	Other, please specify:

	BLIS Re	porti	ing Sy	stem	(BRS)			
Q26	Do you use the Berkeley Lab Info							
U 20	Yes No Don't know If you answered "No" or							
Q27	How satisfied are you with the fo	llowing a	spects of E	RS?				
	Availability of needed data Readability of reports Response time Ease of use	Very Dissatisfied 1	Dissatisfied 2 O	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
Q28	What kind of operating system do	o you use	BRS with?	?				
	Windows Mac Linux Don't know Other, please specify:							
Q29	How important would the following	_	improving	your satis	faction wit	th the BRS	?	
	Improved execution times Ability to schedule reports for automatic execution, including	ortant 1	Unimportan t2	Not VeryIm portant3	Somewhat Important4	Important5	VeryImport ant 6	N/ADon't Know
	emailing the finished reports Development of "quick lookup" reports with minimal prompts	0	0	0	\circ	0	0	0
	Ability to manipulate the layout of data, such as FTEs, hours, etc., in pivot tables, charts and graphs	0	0	0	0	0	0	0
	Ability for any user to create ad-hoc queries	0	O	0	Ō	O	Ō	0
	Regularly offered end-user training	\circ	\circ	\circ	\circ	\circ	\circ	\circ

	T	elepho	one Se	ervice	S			
Q33	How satisfied are you with voi	cemail? Very		Somewhat				
			Dissatisfied 2		Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
		Ċ		Ŏ	Satisfied 4	Satisfied 5	Satisfied 0	KIIOW
Q34	How interested would you be i	n an integra	ted servic	e that inclu	uded voice	mail, emai	l, and sing	le-
	number follow-me service?	NI-4 -4 AU	NetMe				\/	N/AD16
		Not at All Interested	Not Ver Intereste			rested Ir	Very nterested	N/ADon't Know
		0	0	\subset) (C	0	\circ
	Cellular Phones,	PDA Si	uppor	t and '	Wirele	ess Ai	r Card	
	·		••					
Q35	If you have a lab-issued cellula	ar phone, wh	nich servic	e are you	using?			
	AT&T/Cingular							
	Verizon							
	I don't have one							
	I don't know							
						_		
	If you answered "I don't				now", p	lease s	kip to th	ie
		ne	ext page	.				
Q36	How satisfied are you with the	following a	enacte of F	Berkelev I :	ah cellular	service?		
400	non outloned are you man are	Very		Somewhat		00.1.00		
		Dissatisfied 1	Dissatisfied 2	Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Cellular validation process	0	\circ	\circ	\circ	\circ	\circ	\circ
	On-site coverage	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	PDA support	\circ	\circ	\circ	\circ	\circ	\circ	0
Q37	If you use a Berkeley Lab-issu		air card, h		ed are you	with it?		
		Very Dissatisfied	Dissatisfied		Somewhat		Very	N/ADon't
		1	2	3	Satisfied 4	Satisfied 5	Satisfied 6	Know
	Wireless air card							

		Cybe	r Seci	urity				
Q38	How satisfied are you with the th (http://lbl.gov/IT/Security/)?	e Berkele	y Lab Cyb	er Security	Program	overall		
		Very Dissatisfied	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
		\circ	\circ	\circ	\circ	\circ	\circ	\circ
O20	How satisfied are you with the fo	llowing o	anasta of t	ha Barkala	w Lab Cub	or Coourit	y Program	2
Q39	now satisfied are you with the fo	Very	specis or i	Somewhat	y Lab Cyb	er Securi	y Program	f
		Dissatisfied 1	Dissatisfied 2	Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Support for appropriately protecting your computer resources	0	0	0	0	0	0	0
	Information on security policies and recommendations	0	0	0	0	0	0	0
	Computer Protection Program website	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Q39 Q40	Cyber Security Annual Refresher training (http://isswprod.lbl.gov/cybers ecurity/csar/index.html)	0	0	0	0	O	0	0
Q40	How interested would you be in	the follow	ing possib	le security	services?	?		
		Not at All Interested	Not Ver Intereste			erested	Very Interested	N/ADon't Know
	A service that allows you to scan any web-based application for vulnerabilities	0	0	\subset)	\mathbf{C}	0	0
	Lab-provided courses on advanced cyber security topics	\circ	0	\subset) (C	\circ	\circ
	On-site cyber security consulting at no charge	0	0	\subset) (C	0	0
	The ability to use stronger techniques (such as one-time passwords) to authenticate to a UNIX system	0	0)	C	\circ	0

		Ba	ckups				
Q41	How frequently does your data	get backed u	ıp? (Select t	he point that	comes clos	est.)	
	Daily						
	Weekly						
	Monthly						
	Less than monthly						
	Never						
	I don't know						
Q42	How is your data backed up?						
	Through Berkeley Lab Backup	Services					
	Through other means						
	I don't back up my data						
	I don't know						
Q43	If you DON'T use Berkeley Lab	Backup Serv	ices, please	tell us why.			
	I didn't know it existed						
	My division or group provides a	a backup servic	e to me				
	Lack of convenience						
	Reliability concerns						
	Security/privacy concerns						
	Value of service relative to cos	t					
	Other, please specify:						
Q44	Currently, Berkeley Lab provide	es a high-end	service tha	t stores files	offsite for 3	months. He	ow
	interested would you or your re files onsite for a short time?	esearch grou	p be in a les	s expensive	service that	stores a cop	y of your
		Not at All Interested	Not Very Interested	Somewhat Interested	Interested	Very Interested	N/ADon't Know
Q45	How interested would you or yo more?	our research	group be in	a service tha	nt archives y	our data for	a year or
		Not at All Interested	Not Very Interested	Somewhat Interested	Interested	Very Interested	N/ADon't Know
		()		()		()	()

	Scienti	fic Clu	ster S	uppor	t (SCS	S)		
Q46	Do you or your research group	need or us	e cluster c	omputers	to meet yo	ur comput	ing needs	?
	No							
	Don't know							
	If you answered "No" o	or "Don't	know"	, please	skip to	the nex	xt page.	ı
Q47	Do you use a cluster managed	by the IT Di	ivision's S	CS service	?			
	Yes No Don't know							
Q48	If you DO use a cluster manage following aspects of the service	e?	Division's		ce, how sa	itisfied are	you with t	he
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
	Customer service	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Response time	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Technical competence	0	0	0	0	0	0	0
	Value of service relative to cost	\circ	\circ	\circ	\circ	\circ	\circ	\circ
Q49	If you or your research group of the following factors in your de					services,	how impor	tant were
		Very Unimp	Unimportan	Not Verylm	Somewhat		Verylmport	N/ADon't
		ortant 1	t2	portant3	Important4	Important5	ant 6	Know
	Cost of ongoing support	\bigcirc	\mathcal{O}	\mathcal{O}	\mathcal{O}	\bigcirc	\sim	\sim
	Desire to be autonomous	\mathcal{O}	\mathcal{O}	\sim	\mathcal{O}			\bigcirc
	Other, please specify:			<u> </u>				

Q50	If you or your research group de important are the following fact				•	•)W
		Very Unimp ortant 1	Unimportan t2	Not Verylm portant3	Somewhat Important4	Important5	Verylmport ant 6	N/ADon't Know
	Cost to purchase cluster	0	\circ	O	O		\circ	\circ
	Cost to support cluster	\bigcirc	\circ	\circ	\circ	\circ	\circ	\bigcirc
	Need for cluster computing time is small and/or intermittent	0	0	0	0	0	0	0
	Clusters aren't critical to work	\circ	\circ	\circ	\circ	\circ	\circ	\circ
	Have access to shared cluster resources	0	0	0	0	0	0	0
	Other, please specify:		0	0	0	0	O	<u> </u>
Q51	How interested would you be in cluster?	having ac	cess to co	mpetitively	priced co	mpute cyc	les on a La	b-owned
		Not at All Interested	Not Ver Intereste			rested Ir	Very nterested	N/ADon't Know

	Online indices/databases	\circ	\mathbf{O}	\mathbf{O}	\circ	\mathbf{O}	\mathbf{O}	\mathbf{O}
	Assistance with researching scientific literature	0	0	0	0	\circ	0	0
	Public computer access	\circ						
	Wireless access to the network	\circ	\circ	\circ	\circ	\circ	0	\circ
	Reading area	0	0	0	0	\circ	0	0
155	How many times in the last two y following reasons?	ears have	you or yo	ur designe	ee visited t	he physical	library	for the
		0		1-2	3-12	13-24	ļ	More than 24
	To use a book	\mathbf{O}	(C	\mathbf{O}	\mathbf{O}		O
	To use a printed journal	\circ	(C	\circ	\circ		\circ
	To get assistance with researching scientific literature	0	(C	0	0		0
	To use a public access computer	\circ	(C	\circ	\circ		\circ
	To use public wireless	0	(C	0	0		0
	Other, please specify:	\circ	(C	\circ	\circ		\circ
	l							

IT Division Services Overall and Service Attributes

Q56	How satisfied are you with IT D	Division Serv	vices over	all?				
		Very Dissatisfied 1	Dissatisfied 2	Somewhat Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
Q57	How satisfied are you with the	following as	spects of I	T Division	Services?			
		Very		Somewhat				
		Dissatisfied	Dissatisfied 2	Dissatisfied 3	Somewhat Satisfied 4	Satisfied 5	Very Satisfied 6	N/ADon't Know
			~	<u> </u>	Satisfied 4	Satisfied 5	Salisileu u	KIIOW
	Delivery of services	\mathcal{O}	\mathbf{O}	\mathbf{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}	\mathcal{O}
	Responsiveness to your needs	\circ	\circ	\circ	\circ	\circ	\circ	O
	Communication with you	0	0	0	0	0	0	0
	Technical competence	\circ	\circ	\circ	\circ	\circ	\circ	0
	Value of services relative to cost	0	0	0	0	0	0	\circ

Please click the submit button below to send us your answers. The buttons below will disappear and a number of seconds may pass before you see a confirmation page, so please be patient.

Appendix C Correlations and Additional Observations

Correlations with "Satisfaction with IT Division Overall" for All

Question	r2	n	Strength of Correlation
Q57a. IT Division delivery of services	64%	439	
Q57e. Value of IT Division services relative to cost	58%	331	
Q57d. IT Division technical competence	57%	444	
Q57b. IT Division responsiveness to your needs	54%	453	
Q57c. IT Division communication with you	52%	440	
Q48d. Value of SCS service relative to cost	48%	30	
Q15d. Berkeley Lab Calendar customer support	45%	119	
Q37a. Wireless air card	45%	17	Moderate to
Q36a. Cellular validation process	42%	57	High
Q48b. SCS response time	42%	38	
Q48c. SCS technical competence	36%	38	
Q48a. SCS customer service	35%	39	
Q6a. IT Div website: Quality of content	35%	316	
Q6d. IT Div website: Clarity of information on services and costs	33%	276	
Q6b. IT Div website: Currency of content (up-to-dateness)	32%	281	
Q11e. Value of email service relative to cost	31%	362	
Q15e. Berkeley Lab Calendar web client	29%	171	
Q6c. IT Div website: Ease of finding information you need	26%	324	Madayata ta
Q8a. IT Software Downloads page: Selection of software	25%	289	Moderate to Low
Q39c. Computer Protection Program website	22%	365	LOW
Q4a. IT help desk	22%	411	

Question	r2	n	Strength of Correlation
Q53e. Library resources: Assistance with researching scientific literature	20%	124	
Q32a. Conference Network Support overall	20%	71	
Q27d. BRS: Ease of use	20%	39	
Q15a. Berkeley Lab Calendar features	19%	280	
Q33a. Voicemail	19%	458	
Q39a. Support for appropriately protecting your computer resources	19%	424	
Q38a. Cyber Security Program overall	18%	441	
Q39b. Information on security policies and recommendations	18%	425	
Q27b. BRS: Readability of reports	18%	35	
Q8b. IT Software Downloads page: Ease of use	18%	274	
Q11d. Amount of IMAP/email disk storage space	17%	482	Low
Q39d. Cyber Security Annual Refresher training	16%	409	
Q18a. eRoom overall	15%	138	
Q15c. Berkeley Lab Calendar ease of use	15%	280	
Q52a. Berkeley Lab Library services overall	15%	312	
Q11c. Web mail client	14%	448	
Q15b. Berkeley Lab Calendar reliability	14%	274	
Q53g. Library resources: Wireless access to the network	13%	119	
Q53b. Library resources: Printed journals	12%	215	
Q27a. BRS: Availability of needed data	11%	38	
Q36c. Cellular service PDA support	11%	24	
Q53d. Library resources: Online indices/databases	9%	240	
Q53a. Library resources: Books	9%	215	
Q36b. On-site cellular coverage	8%	65	
Q22a. BLIS portal overall	8%	176	
Q27c. BRS: Response time	8%	36	Vam. Law.
Q11b. Reliability of sending and receiving email	7%	515	Very Low
Q53c. Library resources: Online journals	4%	322	
Q11a. Spam blocking	4%	501	
Q53f. Library resources: Public computer access	3%	109	
Q53h. Library resources: Reading area	2%	144	

Counts of Customers Expressing Dissatisfaction for All Satisfaction Questions, Sorted by Total Dissatisfied

The following table quantifies the number of people who registered dissatisfaction with each of the services or service attributes that respondents were asked to rate for satisfaction. It is one way to think about what service improvements might have the most impact.

Question	Mean	% Neg	Count	Total Dissat.
Q11d. Amount of IMAP/email disk storage space	3.66	43%	482	208
Q11e. Value of email service relative to cost	4.09	32%	362	115
Q53c. Library resources: Online journals	4.12	30%	322	95
Q53a. Library resources: Books	3.66	40%	215	86
Q11c. Web mail client	4.60	19%	448	84
Q52a. Berkeley Lab Library services overall	4.10	26%	312	82
Q57e. Value of IT Division services relative to cost	4.39	21%	331	70
Q15c. Berkeley Lab Calendar ease of use	4.33	24%	280	66
Q53d. Library resources: Online indices/databases	4.15	27%	240	64
Q33a. Voicemail	4.52	14%	458	63
Q11a. Spam blocking	4.85	12%	501	62
Q6c. IT Div website: Ease of finding information you need	4.45	18%	324	58
Q53b. Library resources: Printed journals	4.12	24%	215	52
Q6d. IT Div website: Clarity of information on services and costs	4.49	18%	276	51
Q8a. IT Software Downloads page: Selection of software	4.48	16%	289	46
Q18a. eRoom overall	4.12	28%	138	38
Q15a. Berkeley Lab Calendar features	4.52	14%	280	38
Q53g. Library resources: Wireless access to the network	4.07	30%	119	36
Q57b. IT Division responsiveness to your needs	4.91	8%	453	36
Q39d. Cyber Security Annual Refresher training	4.76	8%	409	34
Q15e. Berkeley Lab Calendar web client		19%	171	33
Q57c. IT Division communication with you	4.87	7%	440	31
Q53e. Library resources: Assistance with researching scientific literature	4.30	22%	124	27
Q53h. Library resources: Reading area	4.43	19%	144	27
Q22a. BLIS portal overall	4.27	15%	176	27
Q6b. IT Div website: Currency of content (up-to-dateness)	4.80	10%	281	27
Q57d. IT Division technical competence	5.06	6%	444	27
Q56a. IT Service Division overall	4.81	5%	492	26
Q57a. IT Division delivery of services	4.87	6%	439	25
Q8b. IT Software Downloads page: Ease of use	4.93	9%	274	24
Q15b. Berkeley Lab Calendar reliability	4.83	9%	274	24
Q53f. Library resources: Public computer access	4.39	21%	109	23
Q15d. Berkeley Lab Calendar customer support	4.54	18%	119	21

Question	Mean	% Neg	Count	Total Dissat.
Q4a. IT help desk	5.18		411	20
Q6a. IT Div website: Quality of content	4.85	5%	316	17
Q36b. On-site cellular coverage	4.29	25%	65	16
Q38a. Cyber Security Program overall	5.07	3%	441	15
Q39b. Information on security policies and recommendations	5.05	4%	425	15
Q39a. Support for appropriately protecting your computer resources	5.07	3%	424	13
Q11b. Reliability of sending and receiving email	5.36	3%	515	13
Q27d. BRS: Ease of use	4.13	31%	39	12
Q36c. Cellular service PDA support	3.75	46%	24	11
Q39c. Computer Protection Program website	4.99	3%	365	10
Q32a. Conference Network Support overall		11%	71	8
Q36a. Cellular validation process		12%	57	7
Q27c. BRS: Response time		19%	36	7
Q27a. BRS: Availability of needed data		16%	38	6
Q27b. BRS: Readability of reports	4.54	14%	35	5
Q48d. Value of SCS service relative to cost	4.80	10%	30	3
Q48b. SCS response time	5.03	8%	38	3
Q48c. SCS technical competence		5%	38	2
Q48a. SCS customer service	5.03	5%	39	2
Q37a. Wireless air card	4.82	6%	17	1