

**TABLE 4c.**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

		Number of institutions in sample	Sample % responding affirmatively	± Confidence Interval	<i>x-square</i> factor (when significant)	Character	Relative magnitude
<b>Q2</b>	<b>Project influenced by overall "vision" statement</b>		<b>65.1%</b>	<b>6.2%</b>	1.26		na
	1992	21	63.2%	21.7%			
	1993	22	55.0%	21.8%			
	1994	13	53.8%	27.1%			
	1995	14	85.7%	18.3%			
	1996	28	66.7%	17.8%		positive	
	1997	20	75.0%	19.0%			
	1998	23	68.2%	19.5%			
	1999	23	39.1%	19.9%		negative	
	2000	27	70.4%	17.2%			
	2001	31	70.4%	17.2%			
	2002	9	66.7%	30.8%			
<b>Q3</b>	<b>Systematic assessment performed</b>		<b>84.8%</b>	<b>4.7%</b>			
	<b>a Of library operations</b>						
	1992	21	90.2%	13.4%			
	1993	22	78.4%	18.4%			
	1994	13	98.8%	6.1%			
	1995	14	85.7%	18.3%			
	1996	28	91.3%	10.8%			
	1997	20	71.0%	20.0%			
	1998	23	79.7%	16.6%			
	1999	23	79.2%	16.7%			
	2000	27	91.3%	10.8%			
	2001	31	77.8%	15.7%			
	2002	9	100.0%	0.0%			
	<b>b Of reader or user wishes</b>		<b>63.8%</b>	<b>6.3%</b>	1.54		0.7
	1992	21	58.3%	22.3%			
	1993	22	52.2%	22.4%		negative	
	1994	13	49.4%	28.1%		negative	
	1995	14	71.4%	23.7%		positive	
	1996	28	79.9%	15.3%		positive	
	1997	20	81.2%	17.3%			
	1998	23	75.3%	17.8%		negative	
	1999	23	44.0%	20.4%		negative	
	2000	27	57.1%	18.9%			
	2001	31	63.0%	18.2%			
	2002	9	58.3%	33.0%			
	<b>c Of modes of student learning</b>		<b>40.6%</b>	<b>6.4%</b>	1.64		0.9
	1992	21	21.2%	18.5%		negative	
	1993	22	26.1%	19.7%		negative	
	1994	13	32.9%	26.4%			
	1995	14	50.0%	26.2%		positive	
	1996	28	53.3%	19.1%		positive	
	1997	20	50.7%	22.1%		positive	
	1998	23	48.7%	20.6%			
	1999	23	35.2%	19.6%			
	2000	27	34.2%	18.1%			
	2001	31	48.1%	18.8%			
	2002	9	35.0%	31.9%			
	<b>d Of modes of faculty teaching</b>		<b>31.3%</b>	<b>6.1%</b>	3.39		1.1

**TABLE 4c (continued)**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

								Variability	
		Number of institutions in sample	Sample % responding affirmatively	+ Confidence Interval	<i>x-square</i> factor (when significant)	Character	Relative magnitude		
		1992	21	21.2%	18.5%				
		1993	22	15.7%	16.3%				
		1994	13	8.2%	15.5%				
		1995	14	21.4%	21.5%				
		1996	28	38.0%	18.6%				
		1997	20	40.6%	21.7%				
		1998	23	44.3%	20.5%				
		1999	23	44.0%	20.4%				
		2000	27	15.2%	13.7%				
		2001	31	33.3%	17.8%				
		2002	9	46.7%	33.4%				
	<b>e Of fit with the provision of other academic space</b>			<b>57.6%</b>	<b>6.5%</b>	1.33		1.3	
		1992	21	53.0%	22.5%				
		1993	22	62.7%	21.7%				
		1994	13	32.9%	26.4%				
		1995	14	42.9%	25.9%				
		1996	28	76.1%	16.3%				
		1997	20	50.7%	22.1%				
		1998	23	48.7%	20.6%				
		1999	23	57.2%	20.3%				
		2000	27	53.3%	19.1%				
		2001	31	66.7%	17.8%				
		2002	9	70.0%	30.7%				
	<b>Q4 Constituencies involved in planning</b>			<b>74.6%</b>	<b>5.7%</b>				
	<b>a Faculty</b>	1992	21	68.9%	20.9%				
		1993	22	73.1%	19.9%				
		1994	13	57.7%	27.8%				
		1995	14	57.1%	25.9%				
		1996	28	68.5%	17.8%				
		1997	20	86.3%	15.2%				
		1998	23	88.6%	13.3%				
		1999	23	74.9%	17.8%				
		2000	27	76.1%	16.3%				
		2001	31	74.1%	16.5%				
		2002	9	81.7%	25.9%				
	<b>b Students</b>			<b>51.3%</b>	<b>6.5%</b>				
		1992	21	47.7%	22.5%				
		1993	22	47.0%	22.4%				
		1994	13	32.9%	26.4%				
		1995	14	42.9%	25.9%				
		1996	28	49.4%	19.1%				
		1997	20	55.8%	21.9%				
		1998	23	57.6%	20.4%				
		1999	23	44.0%	20.4%				
		2000	27	49.4%	19.1%				
		2001	31	66.7%	17.8%				
		2002	9	46.7%	33.4%				
	<b>Q5 Changes in concept of library work affected planning</b>			<b>73.3%</b>	<b>5.8%</b>				
		1992	21	78.9%	18.3%				

**TABLE 4c (continued)**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

								Variability						
		Number of institutions in sample	Sample % responding affirmatively	± Confidence Interval	<i>x-square</i> factor (when significant)	Character	Relative magnitude							
<b>Q6 Instruction space provided for</b>	<b>a Instruction by library staff</b>	1993	22	73.7%	19.8%	2.31		0.9						
		1994	13	75.0%	24.5%									
		1995	14	57.1%	25.9%									
		1996	28	76.9%	16.2%									
		1997	20	94.7%	10.0%									
		1998	23	69.6%	18.8%									
		1999	23	56.5%	20.3%									
		2000	27	70.4%	17.2%									
		2001	31	74.1%	16.5%									
		2002	9	88.9%	20.5%									
					<b>83.5%</b>					<b>4.9%</b>				
				1992	21					95.4%	9.4%			
				1993	22					67.9%	20.9%			
		1994	13	90.6%	16.4%									
		1995	14	78.6%	21.5%									
		1996	28	76.1%	16.3%									
		1997	20	86.3%	15.2%									
		1998	23	88.6%	13.1%									
		1999	23	79.3%	16.7%									
		2000	27	83.7%	14.1%									
		2001	31	85.2%	13.4%									
		2002	9	93.3%	16.7%									
	<b>b Instruction by non-library staff</b>			<b>50.4%</b>	<b>6.5%</b>	2.31		0.9						
		1992	21	42.4%	22.3%									
		1993	22	36.6%	21.6%									
		1994	13	41.2%	27.7%									
		1995	14	35.7%	25.1%		negative							
		1996	28	45.6%	19.0%									
		1997	20	30.4%	20.3%		negative							
		1998	23	70.9%	18.7%		positive							
		1999	23	57.2%	20.3%									
		2000	27	57.1%	18.9%									
		2001	31	70.4%	17.2%		positive							
		2002	9	35.0%	31.9%		negative							
	<b>c Instruction by computing services staff</b>			<b>33.5%</b>	<b>6.2%</b>	2.80		1.7						
		1992	21	26.5%	19.9%									
		1993	22	26.1%	19.7%									
		1994	13	24.7%	24.3%									
		1995	14	28.6%	23.7%									
		1996	28	34.2%	18.1%									
		1997	20	35.5%	21.1%									
		1998	23	44.3%	20.5%									
		1999	23	30.8%	19.0%									
		2000	27	26.6%	16.9%									
		2001	31	33.3%	17.8%									
		2002	9	70.0%	30.7%									
	<b>d Teaching and curricular development</b>			<b>34.8%</b>	<b>6.2%</b>	6.62		0.4						
		1992	21	21.2%	18.4%									
		1993	22	31.3%	20.8%		positive							

**TABLE 4c (continued)**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

		Number of institutions in sample	Sample % responding affirmatively		<i>chi-square</i> factor (when significant)	Variability	
				+ Confidence Interval		Character	Relative magnitude
		1994	13	16.5%	20.9%		
		1995	14	14.3%	18.3%		
		1996	28	38.0%	18.6%		
		1997	20	35.5%	21.1%		
		1998	23	31.0%	19.1%		
		1999	23	30.8%	19.0%		
		2000	27	22.8%	16.0%		
		2001	31	63.0%	18.2%		
		2002	9	81.7%	25.9%		
<b>Q7</b>	<b>Student learning space provided that required</b>			<b>63.8%</b>	<b>6.3%</b>		
	<b>a General computing laboratories</b>						
		1992	21	63.6%	21.7%		
		1993	22	67.9%	20.9%		
		1994	13	41.2%	27.7%		
		1995	14	64.3%	25.1%		
		1996	28	76.1%	16.3%		
		1997	20	55.8%	21.9%		
		1998	23	66.5%	19.5%		
		1999	23	74.9%	17.8%		
		2000	27	53.3%	19.1%		
		2001	31	59.3%	18.5%		
		2002	9	70.0%	30.7%		
	<b>b Group study space</b>			<b>84.4%</b>	<b>4.8%</b>		
		1992	21	90.1%	13.5%		
		1993	22	78.4%	18.4%		
		1994	13	82.4%	21.4%		
		1995	14	85.7%	18.3%		
		1996	28	95.1%	8.3%		
		1997	20	81.2%	17.3%		
		1998	23	75.3%	17.8%		
		1999	23	83.7%	15.2%		
		2000	27	72.3%	17.1%		
		2001	31	88.9%	11.9%		
		2002	9	81.7%	25.9%		
	<b>c Conference or other informal meeting space</b>			<b>63.8%</b>	<b>6.3%</b>	1.23	1.0
		1992	21	68.9%	20.9%		
		1993	22	57.5%	22.1%		
		1994	13	49.4%	28.1%		negative
		1995	14	64.3%	25.1%		
		1996	28	60.9%	18.7%		
		1997	20	71.0%	20.0%		
		1998	23	62.0%	20.0%		
		1999	23	66.1%	19.5%		
		2000	27	38.0%	18.6%		negative
		2001	31	74.1%	16.5%		
		2002	9	81.7%	25.9%		positive
<b>Q8</b>	<b>Project provided for print/electronic interface</b>			<b>80.2%</b>	<b>5.2%</b>		
		1992	21	94.7%	10.0%		
		1993	22	78.9%	18.3%		
		1994	13	83.3%	21.1%		

**TABLE 4c (continued)**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

		Number of institutions in sample	Sample % responding affirmatively		<i>x-square</i> factor (when significant)	Variability			
				± Confidence Interval		Character	Relative magnitude		
<b>Q9 Project provided</b>	<b>a Vending machine food and beverages</b>	1995	14	71.4%	23.7%	3.25			
		1996	28	85.2%	13.4%				
		1997	20	80.0%	17.5%				
		1998	23	82.6%	15.5%				
		1999	23	73.9%	17.9%				
		2000	27	76.9%	16.2%				
		2001	31	77.8%	15.7%				
	2002	9	88.9%	20.5%					
				<b>50.0%</b>	<b>9.0%</b>				1.1
			1992	21	66.7%			26.7%	
			1993	22	65.2%			33.5%	
			1994	13	66.7%			53.3%	positive
			1995	14	30.0%			28.4%	negative
			1996	28	42.6%			27.1%	
		1997	20	53.3%	25.2%				
		1998	23	33.3%	30.8%	negative			
		1999	23	27.3%	26.3%	negative			
		2000	27	69.2%	25.1%	positive			
		2001	31	66.7%	30.8%	positive			
		2002	9	33.3%	37.7%	negative			
				<b>22.9%</b>	<b>7.6%</b>		0.9		
				8.3%	15.6%	negative			
				25.0%	30.0%				
				0.0%	0.0%	negative			
				20.0%	24.8%				
				23.1%	22.9%				
				26.7%	22.4%	positive			
				22.2%	27.2%				
				36.4%	28.4%				
				7.7%	14.5%	negative			
				22.2%	27.2%				
				33.3%	37.7%				
				<b>46.6%</b>	<b>6.6%</b>		na		
				27.8%	20.7%				
				35.3%	22.7%				
				50.0%	28.3%				
				14.3%	18.3%	negative			
				55.6%	18.7%				
				63.2%	21.7%				
				40.9%	20.5%				
				45.5%	20.8%				
				26.9%	17.0%	negative			
				55.6%	18.7%				
				88.9%	20.5%	positive			
				<b>72.3%</b>	<b>5.9%</b>		na		
				68.4%	20.9%				
				47.4%	22.5%	negative			
				66.7%	26.7%				
				57.1%	25.9%				

**TABLE 4c (continued)**  
**Analysis by date of project completion of responses**  
**to questions 2-13 of the study survey**

						Variability	
		Number of institutions in sample	Sample % responding affirmatively	± Confidence Interval	<i>x-square</i> factor (when significant)	Character	Relative magnitude
<b>Q12 Conducted a post-occupancy assessment</b>	1996	28	61.5%	18.7%	2.34	positive	na
	1997	20	75.0%	19.0%			
	1998	23	77.3%	17.5%			
	1999	23	68.2%	19.5%			
	2000	27	92.3%	10.2%			
	2001	31	77.8%	15.7%			
	2002	9	100.0%	0.0%			
			<b>15.7%</b>	<b>4.8%</b>			
	1992	21	10.5%	13.8%			
	1993	22	25.0%	19.0%			
	1994	13	33.3%	26.7%			
	1995	14	14.3%	18.3%			
	1996	28	11.5%	12.3%			
	1997	20	20.0%	17.5%			
1998	23	21.7%	16.9%				
1999	23	17.4%	15.5%				
2000	27	3.8%	7.4%				
2001	31	11.1%	11.9%				
2002	9	12.5%	22.9%				
<b>Q13 Experience suggests need for further change</b>			<b>61.3%</b>	<b>6.4%</b>	2.92	negative	na
	1992	21	57.9%	22.2%			
	1993	22	80.0%	17.5%			
	1994	13	83.3%	21.1%			
	1995	14	57.1%	25.9%			
	1996	28	52.0%	19.6%			
	1997	20	85.0%	15.6%			
	1998	23	82.6%	15.5%			
	1999	23	69.6%	18.8%			
	2000	27	38.5%	18.7%			
	2001	31	37.0%	18.2%			
	2002	9	50.0%	34.6%			