

TABLE 83. Institutions with dark fiber, by type of institution: FY 2005–07 and FY 2008 (estimated)
(Percent)

Type of institution	Owned at the end of FY 2005		Owned at the end of FY 2007		To be obtained during FY 2008 (estimated)	
	To ISP	Between buildings	To ISP	Between buildings	To ISP	Between buildings
All academic	29	86	37	89	29	76
Doctorate granting	33	88	41	90	34	82
Nondoctorate granting	19	80	27	87	18	62
Public	30	87	37	92	34	81
Private	26	82	36	84	18	66
All biomedical	15	43	18	48	15	36
Research institutions	12	36	18	39	15	25
Hospitals	20	61	17	69	15	57

ISP = internet service provider.

NOTES: Dark fiber is fiber optic cable that has already been laid but is not being used. Institutions that plan to obtain dark fiber during FY 2008 may be institutions that already own some dark fiber or those that initially intend to obtain dark fiber.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities.