

**Supplemental ALS 2002 Tables to NCES 2007-301**

## **Description**

These tables supplement the publication *Academic Libraries: 2004* (NCES 2007-301). The data are from NCES's Academic Libraries Survey (ALS), fiscal year 2002.

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**Table 1a. Total circulation, document delivery, and interlibrary loan transactions in academic libraries, by state: Fiscal year 2002**

State	Total number of libraries	Circulation		Documents delivered from commercial services <sup>1</sup>	Interlibrary Loans					
		General collection	Reserve collection		Loans provided to other libraries			Loans received from other libraries		
					Total	Returnable	Non-returnable	Total	Returnable	Non-returnable
United States	3,568	149,847,104	39,401,126	1,080,450	9,828,212	4,891,033	4,937,179	7,843,649	3,745,535	4,098,114
Alabama	66	1,595,950	322,715	812	97,525	39,617	57,908	65,601	25,927	39,674
Alaska	6	242,279	33,716	48	25,655	7,378	18,277	31,520	10,813	20,707
Arizona	52	2,210,148	198,643	5,542	134,763	73,161	61,602	108,527	49,343	59,184
Arkansas	46	977,552	221,184	1,427	78,775	32,523	46,252	66,417	25,466	40,951
California	335	17,116,503	4,346,615	75,436	697,020	361,530	335,490	557,561	289,408	268,153
Colorado	61	5,261,443	673,181	143,707	196,530	113,335	83,195	172,653	86,656	85,997
Connecticut	44	2,089,158	565,992	1,787	166,777	83,176	83,601	118,537	57,046	61,491
Delaware	10	525,646	126,644	622	29,117	12,274	16,843	18,843	8,625	10,218
District of Columbia	15	1,445,390	279,122	1,514	119,455	78,842	40,613	103,136	57,845	45,291
Florida	131	4,887,591	958,311	22,145	327,530	143,288	184,242	248,714	110,974	137,740
Georgia	109	3,633,908	1,687,226	33,505	225,911	110,648	115,263	131,816	64,666	67,150
Hawaii	18	808,245	134,940	119	12,228	5,416	6,812	15,229	7,009	8,220
Idaho	13	669,192	232,876	212	41,816	17,101	24,715	38,953	13,654	25,299
Illinois	157	7,168,238	1,557,864	40,282	724,493	408,445	316,048	529,106	304,063	225,043
Indiana	81	3,876,378	899,098	6,398	312,803	118,191	194,612	204,410	88,428	115,982
Iowa	62	2,172,313	523,079	8,025	145,018	60,833	84,185	114,214	45,662	68,552
Kansas	55	1,882,363	324,945	7,347	128,695	66,167	62,528	102,095	36,191	65,904
Kentucky	62	1,869,759	566,439	3,564	113,701	46,003	67,698	75,931	31,495	44,436
Louisiana	40	1,298,583	388,184	4,652	88,720	33,978	54,742	110,753	35,883	74,870
Maine	30	639,012	346,456	1,159	101,188	60,084	41,104	95,322	51,138	44,184
Maryland	54	2,304,685	626,799	5,728	150,627	75,131	75,496	115,761	50,979	64,782
Massachusetts	112	6,689,220	2,011,176	24,071	362,520	176,536	185,984	274,657	108,522	166,135
Michigan	99	4,459,472	773,131	88,167	288,480	99,263	189,217	209,098	70,981	138,117
Minnesota	89	3,756,647	640,235	1,648	420,707	211,538	209,169	248,973	134,406	114,567
Mississippi	38	879,894	633,414	4,637	54,337	18,788	35,549	34,941	13,011	21,930
Missouri	99	3,053,533	598,780	9,848	249,849	137,064	112,785	251,189	92,857	158,332
Montana	22	416,426	230,435	10,597	39,782	12,801	26,981	36,838	15,673	21,165
Nebraska	36	1,003,771	530,317	223,418	66,078	23,863	42,215	50,420	18,101	32,319
Nevada	11	555,020	136,253	6,598	14,203	7,991	6,212	27,358	10,525	16,833
New Hampshire	22	816,029	164,889	1,601	49,833	23,863	25,970	48,803	18,775	30,028

See notes at end of table.

**Table 1a. Total circulation, document delivery, and interlibrary loan transactions in academic libraries, by state: Fiscal year 2002—Continued**

State	Total number of libraries	Circulation		Documents delivered from commercial services <sup>1</sup>	Interlibrary Loans					
		General collection	Reserve collection		Loans provided to other libraries			Loans received from other libraries		
					Total	Returnable	Non-returnable	Total	Returnable	Non-returnable
New Jersey	51	2,369,781	470,711	31,908	106,864	54,260	52,604	93,647	37,532	56,115
New Mexico	36	845,106	462,843	17,281	44,244	25,240	19,004	52,343	20,789	31,554
New York	256	11,285,387	4,984,720	40,491	588,867	256,735	332,132	499,889	210,893	288,996
North Carolina	119	5,261,301	1,653,516	3,563	265,485	145,195	120,290	191,033	110,520	80,513
North Dakota	19	440,209	55,858	818	35,943	21,488	14,455	44,178	18,678	25,500
Ohio	147	6,717,590	1,736,071	112,732	851,485	554,623	296,862	740,348	508,349	231,999
Oklahoma	46	1,588,804	342,214	3,913	99,832	44,062	55,770	84,714	32,119	52,595
Oregon	53	2,404,855	697,023	1,440	275,388	179,669	95,719	231,780	146,492	85,288
Pennsylvania	205	6,513,173	1,613,587	49,875	430,732	206,129	224,603	400,911	173,339	227,572
Rhode Island	13	599,220	169,012	1,584	44,926	25,586	19,340	45,777	25,050	20,727
South Carolina	61	2,065,521	251,081	3,889	80,829	31,736	49,093	90,882	44,136	46,746
South Dakota	23	404,674	95,861	581	35,918	21,937	13,981	28,453	13,874	14,579
Tennessee	82	2,152,043	417,442	3,745	125,771	55,389	70,382	106,044	41,377	64,667
Texas	182	8,319,277	3,137,251	37,621	497,509	205,074	292,435	350,925	135,223	215,702
Utah	22	2,031,063	317,395	5,343	104,035	37,599	66,436	70,815	25,659	45,156
Vermont	23	599,923	108,644	3,620	44,730	27,203	17,527	47,534	20,578	26,956
Virginia	85	3,706,474	753,332	12,518	258,392	122,379	136,013	191,725	82,574	109,151
Washington	71	4,389,923	459,587	5,054	211,378	98,375	113,003	145,191	70,556	74,635
West Virginia	28	683,229	94,834	5,037	21,695	9,597	12,098	40,170	14,947	25,223
Wisconsin	62	2,912,843	810,271	4,205	216,890	100,615	116,275	162,352	71,914	90,438
Wyoming	9	252,360	37,214	616	23,163	9,314	13,849	17,562	6,814	10,748

<sup>1</sup> "Documents delivered from commercial services" include the number of documents from commercial document delivery services received by library users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 1b. Total circulation, document delivery, and interlibrary loan transactions in academic libraries, by control, level, size, and Carnegie classification of institution: Fiscal year 2002**

Institutional characteristic	Total number of libraries	Circulation		Documents delivered from commercial services <sup>2</sup>	Interlibrary Loans					
		General collection <sup>1</sup>	Reserve collection <sup>1</sup>		Loans provided to other libraries			Loans received from other libraries		
					Total	Returnable	Non-returnable	Total	Returnable	Non-returnable
United States	3,568	149,847,104	39,401,126	1,080,450	9,828,212	4,891,033	4,937,179	7,843,649	3,745,535	4,098,114
Control										
Public	1,601	98,954,717	25,954,650	447,938	6,465,780	3,029,314	3,436,466	4,919,082	2,321,834	2,597,248
Private	1,967	50,892,387	13,446,476	632,512	3,362,432	1,861,719	1,500,713	2,924,567	1,423,701	1,500,866
Level <sup>3</sup>										
Total 4-year and above	2,183	129,754,663	33,526,435	811,334	9,245,729	4,400,921	4,844,808	7,352,383	3,365,770	3,986,613
Doctor's	580	92,029,515	23,297,494	285,615	6,691,521	2,856,682	3,834,839	4,981,829	2,158,648	2,823,181
Master's	912	26,038,437	7,086,736	439,326	1,809,847	1,076,371	733,476	1,690,383	851,909	838,474
Bachelor's	657	9,957,708	2,844,654	84,137	648,597	425,377	223,220	651,949	345,806	306,143
Less than 4-year	1,385	20,092,441	5,874,691	269,116	582,483	490,112	92,371	491,266	379,765	111,501
Size (FTE enrollment) <sup>4</sup>										
Less than 1,500	1,862	17,726,205	4,199,186	373,210	1,133,976	634,216	499,760	895,251	454,095	441,156
1,500 to 4,999	1,101	29,300,736	8,228,117	516,904	2,191,037	1,280,607	910,430	2,015,187	1,071,380	943,807
5,000 or more	605	102,820,163	26,973,823	190,336	6,503,199	2,976,210	3,526,989	4,933,211	2,220,060	2,713,151
Carnegie classification <sup>3</sup>										
Doctoral/Research	254	76,730,081	19,251,357	160,818	5,451,501	2,337,269	3,114,232	4,005,003	1,774,607	2,230,396
Master's I and II	588	26,629,719	6,767,868	427,236	1,855,866	1,047,237	808,629	1,732,072	795,415	936,657
Baccalaureate	501	12,604,167	3,704,002	182,271	1,000,305	666,844	333,461	1,048,071	584,676	463,395
Baccalaureate/Associates	50	650,924	416,688	1,377	26,807	21,592	5,215	21,271	13,092	8,179
Associates	1,338	20,528,108	5,988,782	266,461	599,629	500,515	99,114	513,241	390,410	122,831
Specialized	579	10,339,172	2,487,820	25,478	786,798	253,774	533,024	421,150	129,459	291,691
Not classified	258	2,364,933	784,609	16,809	107,306	63,802	43,504	102,841	57,876	44,965

<sup>1</sup> The item response rate is below 70 percent for circulation in the general and reserve collections in "Private" and "Less than 4-year" institutions. See table F-1 in data documentation; for the number and percentage of respondents, by level, control of institution, and item, by Schmitt, C. (2005). Documentation for the Academic Library Survey (ALS) Data File: Fiscal year 2002 (NCES 2006-308). Missing data are estimated using imputations as described in the data documentation.

<sup>2</sup> "Documents delivered from commercial services" include the number of documents from commercial document delivery services received by library users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

<sup>3</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>4</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 2a. Number of academic libraries, by public service hours per typical week and state: Fall 2002**

State	Total number of libraries	Public service hours per typical week							168 <sup>1</sup>
		Less than 20	20 - 39	40 - 59	60 - 79	80 - 99	100 - 119	120 - 167	
United States	3,568	12	51	485	1,608	966	375	50	21
Alabama	66	0	1	14	32	17	1	0	1
Alaska	6	0	0	1	3	2	0	0	0
Arizona	52	0	0	10	29	8	4	0	1
Arkansas	46	0	0	12	20	13	1	0	0
California	335	1	8	58	173	73	18	2	2
Colorado	61	0	0	11	31	14	5	0	0
Connecticut	44	0	2	7	14	12	8	1	0
Delaware	10	0	1	0	4	3	2	0	0
District of Columbia	15	0	0	1	6	2	6	0	0
Florida	131	0	2	22	68	25	13	1	0
Georgia	109	1	0	11	60	30	5	2	0
Hawaii	18	0	0	8	6	4	0	0	0
Idaho	13	0	0	1	5	6	1	0	0
Illinois	157	1	2	23	71	42	16	2	0
Indiana	81	0	1	6	40	23	10	1	0
Iowa	62	0	0	5	24	20	11	1	1
Kansas	55	0	0	5	29	19	1	1	0
Kentucky	62	0	1	11	23	20	5	1	1
Louisiana	40	0	0	9	8	16	5	0	2
Maine	30	0	2	4	11	8	5	0	0
Maryland	54	0	3	4	25	13	8	1	0
Massachusetts	112	0	2	8	35	42	22	1	2
Michigan	99	0	1	7	53	25	9	3	1
Minnesota	89	0	1	22	31	23	11	1	0
Mississippi	38	0	1	3	23	5	3	2	1
Missouri	99	0	0	11	50	29	8	1	0
Montana	22	0	2	7	7	6	0	0	0
Nebraska	36	1	0	3	16	15	1	0	0
Nevada	11	0	1	2	6	0	2	0	0
New Hampshire	22	0	1	0	5	11	4	1	0

See notes at end of table.



**Table 2a. Number of academic libraries, by public service hours per typical week and state: Fall 2002—Continued**

State	Total number of libraries	Public service hours per typical week							168 <sup>1</sup>
		Less than 20	20 - 39	40 - 59	60 - 79	80 - 99	100 - 119	120 - 167	
New Jersey	51	0	0	2	23	18	8	0	0
New Mexico	36	0	0	11	18	4	2	1	0
New York	256	1	4	31	108	67	41	3	1
North Carolina	119	0	0	12	59	32	11	5	0
North Dakota	19	0	0	5	11	2	1	0	0
Ohio	147	3	3	24	66	30	18	2	1
Oklahoma	46	0	0	3	22	15	6	0	0
Oregon	53	0	0	9	24	13	4	3	0
Pennsylvania	205	2	5	29	70	64	30	3	2
Rhode Island	13	0	0	1	1	6	4	1	0
South Carolina	61	0	0	8	29	19	4	1	0
South Dakota	23	0	0	5	9	9	0	0	0
Tennessee	82	2	0	11	38	26	4	1	0
Texas	182	0	2	11	95	51	20	3	0
Utah	22	0	0	5	8	5	4	0	0
Vermont	23	0	0	2	8	6	5	0	2
Virginia	85	0	1	11	32	22	15	2	2
Washington	71	0	2	9	39	16	4	1	0
West Virginia	28	0	0	3	14	11	0	0	0
Wisconsin	62	0	2	7	20	22	9	1	1
Wyoming	9	0	0	0	6	2	0	1	0

<sup>1</sup> These libraries are open 24 hours a day, 7 days a week.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 2b. Number of academic libraries, by public service hours per typical week, control, level, size, and Carnegie classification of institution: Fall 2002**

Institutional characteristic	Total number of libraries	Public service hours per typical week							
		Less than 20	20 - 39	40 - 59	60 - 79	80 - 99	100 - 119	120 - 167	168 <sup>1</sup>
United States	3,568	12	51	485	1,608	966	375	50	21
Control									
Public	1,601	1	5	180	866	367	139	33	10
Private	1,967	11	46	305	742	599	236	17	11
Level <sup>2</sup>									
Total 4-year and above	2,183	3	18	154	679	897	372	45	15
Doctor's	580	0	4	25	83	234	193	36	5
Master's	912	2	6	58	262	467	104	8	5
Bachelor's	657	1	8	70	330	182	60	1	5
Less than 4-year	1,385	9	33	331	929	69	3	5	6
Size (FTE enrollment) <sup>3</sup>									
Less than 1,500	1,862	12	49	407	933	358	87	4	12
1,500 to 4,999	1,101	0	2	73	491	394	127	10	4
5,000 or more	605	0	0	5	184	214	161	36	5
Carnegie classification <sup>2</sup>									
Doctoral/Research	254	0	0	0	9	82	125	33	5
Master's I and II	588	0	0	7	88	401	85	7	0
Baccalaureate	501	0	0	9	148	246	92	4	2
Baccalaureate/Associates	50	0	0	4	31	13	2	0	0
Associates	1,338	6	25	290	931	73	3	5	5
Specialized	579	3	19	107	257	125	60	1	7
Not classified	258	3	7	68	144	26	8	0	2

<sup>1</sup> These libraries are open 24 hours a day, 7 days a week.

<sup>2</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>3</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 3a. Gate count, number of reference transactions per typical week in academic libraries, and total information service to groups, by state: 2002**

State	Total number of libraries	During typical week in fall 2002		Information service to groups, fiscal year 2002	
		Gate count <sup>1</sup>	Reference transactions, including computer searches	Total number of presentations	Total number served
United States	3,568	16,926,698	1,508,471	452,023	7,965,540
Alabama	66	169,847	24,917	8,191	134,821
Alaska	6	22,597	1,463	501	7,221
Arizona	52	271,086	18,389	6,714	120,944
Arkansas	46	113,369	14,746	3,706	59,247
California	335	2,027,016	209,809	46,970	831,762
Colorado	61	223,164	17,462	8,010	133,690
Connecticut	44	157,508	15,463	4,981	78,366
Delaware	10	54,827	5,276	1,694	24,059
District of Columbia	15	171,499	12,957	2,927	40,760
Florida	131	789,983	60,841	19,311	342,721
Georgia	109	389,711	42,021	11,253	190,381
Hawaii	18	79,706	6,286	1,470	23,377
Idaho	13	119,518	4,211	1,774	28,038
Illinois	157	765,980	65,728	20,594	351,692
Indiana	81	360,323	24,147	9,810	167,489
Iowa	62	262,707	19,209	5,765	127,606
Kansas	55	143,011	14,062	4,643	75,145
Kentucky	62	218,857	16,294	7,037	149,931
Louisiana	40	210,300	14,268	4,471	74,113
Maine	30	65,751	4,431	1,872	32,211
Maryland	54	307,530	25,230	10,919	216,323
Massachusetts	112	580,932	43,738	15,110	215,828
Michigan	99	572,589	45,785	12,079	241,559
Minnesota	89	400,780	20,794	9,273	167,495
Mississippi	38	137,557	31,745	4,398	96,427
Missouri	99	363,629	32,460	10,744	169,198
Montana	22	55,817	3,794	1,282	24,016
Nebraska	36	105,037	7,130	4,206	55,074
Nevada	11	68,931	10,536	3,095	48,003
New Hampshire	22	83,320	4,473	2,105	30,032

See notes at end of table.

**Table 3a. Gate count, number of reference transactions per typical week in academic libraries, and total information service to groups, by state: 2002—Continued**

State	Total number of libraries	During typical week in fall 2002		Information service to groups, fiscal year 2002	
		Gate count <sup>1</sup>	Reference transactions, including computer searches	Total number of presentations	Total number served
New Jersey	51	369,164	24,551	8,902	167,019
New Mexico	36	114,890	7,453	3,994	69,021
New York	256	1,444,029	141,439	43,460	813,176
North Carolina	119	521,430	44,685	14,347	239,725
North Dakota	19	45,176	3,133	1,531	26,034
Ohio	147	523,098	70,623	15,010	243,804
Oklahoma	46	181,797	18,539	5,729	115,906
Oregon	53	221,603	17,864	4,562	80,647
Pennsylvania	205	786,025	58,405	21,108	394,503
Rhode Island	13	88,084	61,690	2,283	34,911
South Carolina	61	180,833	21,899	6,082	110,262
South Dakota	23	65,611	4,770	1,519	25,144
Tennessee	82	260,222	27,503	7,505	132,642
Texas	182	1,108,062	77,872	28,061	503,991
Utah	22	226,315	14,228	6,633	142,035
Vermont	23	65,996	3,681	1,924	25,554
Virginia	85	478,236	36,421	12,145	200,019
Washington	71	466,322	22,783	9,727	174,620
West Virginia	28	75,621	5,576	2,518	41,543
Wisconsin	62	384,970	25,524	9,438	156,218
Wyoming	9	26,332	2,167	640	11,237

<sup>1</sup>"Gate count" is the number of persons who physically enter library facilities in a typical week. It is understood that a single person may be counted more than once.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 3b. Gate count, reference transactions per typical week in academic libraries, and total information service to groups, by control, level, size, and Carnegie classification of institution: 2002**

Institutional characteristic	Total number of libraries	During typical week in fall 2002		Information service to groups, fiscal year 2002	
		Gate count <sup>1</sup>	Reference transactions, including computer searches	Total number of presentations	Total number served
United States	3,568	16,926,698	1,508,471	452,023	7,965,540
Control					
Public	1,601	11,207,655	1,038,731	309,436	5,775,888
Private	1,967	5,719,043	469,740	142,587	2,189,652
Level <sup>2</sup>					
Total 4-year and above	2,183	12,974,055	1,128,677	313,660	5,321,673
Doctor's	580	7,679,428	728,303	181,738	2,905,891
Master's	912	3,756,168	293,978	84,539	1,553,737
Bachelor's	657	1,397,224	100,231	44,283	825,565
Less than 4-year	1,385	3,952,643	379,794	138,363	2,643,867
Size (FTE enrollment) <sup>3</sup>					
Less than 1,500	1,862	2,542,344	249,624	74,418	1,185,224
1,500 to 4,999	1,101	4,554,839	340,508	133,969	2,477,542
5,000 or more	605	9,829,515	918,339	243,636	4,302,774
Carnegie classification <sup>2</sup>					
Doctoral/Research	254	5,909,232	600,459	141,144	2,257,932
Master's I and II	588	3,761,301	302,294	86,647	1,616,881
Baccalaureate	501	1,635,146	90,373	45,271	804,140
Baccalaureate/Associates	50	158,570	13,113	3,452	66,524
Associates	1,338	3,996,226	377,215	137,677	2,650,317
Specialized	579	1,137,658	87,569	23,905	358,650
Not classified	258	328,565	37,448	13,927	211,096

<sup>1</sup>"Gate count" is the number of persons who physically enter library facilities in a typical week. It is understood that a single person may be counted more than once.

<sup>2</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>3</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 4a. Number of academic libraries, by volumes held at end of fiscal year and state: Fiscal year 2002**

State	Volumes held at end of year	Number of libraries										
		Number of books, serial backfiles, and other paper materials, including government documents										
		Total	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
United States	954,182,359	3,568	437	186	213	237	433	685	707	295	161	214
Alabama	14,606,512	66	5	3	3	6	10	13	12	8	2	4
Alaska	2,210,434	6	1	0	0	0	2	0	1	0	1	1
Arizona	10,952,641	52	14	6	4	5	3	12	4	1	0	3
Arkansas	6,637,995	46	2	6	10	5	2	5	9	5	0	2
California	85,840,825	335	66	15	28	16	38	82	43	16	8	23
Colorado	13,511,519	61	19	4	1	7	5	6	7	6	3	3
Connecticut	20,539,237	44	3	2	3	1	10	4	9	6	3	3
Delaware	3,529,271	10	1	0	1	0	0	4	3	0	0	1
District of Columbia	10,972,782	15	1	1	0	1	1	1	4	0	1	5
Florida	26,814,352	131	31	10	11	6	12	23	17	10	4	7
Georgia	20,646,630	109	11	3	9	15	17	22	18	6	4	4
Hawaii	4,686,843	18	4	0	1	2	1	6	1	2	0	1
Idaho	4,235,751	13	2	0	1	0	1	2	3	0	3	1
Illinois	51,899,453	157	15	13	7	12	19	30	36	9	5	11
Indiana	24,819,977	81	14	11	4	1	1	9	24	9	2	6
Iowa	13,639,855	62	4	5	5	4	5	13	19	4	0	3
Kansas	14,345,021	55	2	1	2	10	14	12	6	2	3	3
Kentucky	12,015,224	62	9	1	0	9	13	7	13	4	4	2
Louisiana	14,800,414	40	8	3	1	0	2	4	6	9	4	3
Maine	5,582,452	30	3	3	5	2	2	6	3	2	3	1
Maryland	14,685,612	54	6	3	3	1	7	10	11	7	4	2
Massachusetts	45,029,616	112	6	4	6	2	11	30	27	10	8	8
Michigan	31,638,594	99	1	5	9	8	17	18	22	7	8	4
Minnesota	17,988,970	89	13	9	9	7	8	12	13	10	7	1
Mississippi	8,170,257	38	1	0	0	3	11	8	10	2	0	3
Missouri	21,406,803	99	11	6	6	9	11	25	16	8	1	6
Montana	2,909,672	22	2	2	3	4	1	5	2	1	1	1
Nebraska	7,338,668	36	4	4	2	3	6	3	10	1	1	2
Nevada	2,646,316	11	4	0	0	1	2	2	0	0	0	2
New Hampshire	5,842,350	22	1	0	2	4	3	4	5	1	0	2

See notes at end of table

**Table 4a. Number of academic libraries, by volumes held at end of fiscal year and state: Fiscal year 2002—Continued**

State	Volumes held at end of year	Number of libraries										
		Total	Number of books, serial backfiles, and other paper materials, including government documents									
			Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
New Jersey	21,946,917	51	0	0	1	2	4	15	12	9	4	4
New Mexico	6,476,040	36	5	0	5	3	7	9	2	3	0	2
New York	83,264,664	256	35	15	12	1	12	42	71	34	17	17
North Carolina	32,116,045	119	0	5	8	12	31	23	23	4	6	7
North Dakota	3,248,581	19	0	1	3	3	1	5	3	1	1	1
Ohio	41,252,963	147	21	7	9	17	16	22	27	10	8	10
Oklahoma	12,066,242	46	3	2	4	3	6	13	6	6	0	3
Oregon	11,160,854	53	6	2	3	2	10	12	8	7	0	3
Pennsylvania	47,987,124	205	35	7	6	11	20	33	49	24	13	7
Rhode Island	6,388,827	13	0	0	0	0	1	3	5	1	1	2
South Carolina	10,704,418	61	2	3	3	8	7	14	17	4	1	2
South Dakota	3,239,197	23	3	2	2	1	4	4	3	2	2	0
Tennessee	16,420,068	82	15	3	3	2	8	21	18	4	4	4
Texas	56,229,130	182	18	5	5	9	22	40	42	18	8	15
Utah	9,404,226	22	7	1	0	1	2	4	3	0	1	3
Vermont	5,008,261	23	1	2	2	2	2	5	6	1	1	1
Virginia	24,028,519	85	9	4	4	4	11	12	22	10	3	6
Washington	16,890,520	71	7	5	4	4	19	14	8	2	5	3
West Virginia	4,722,975	28	1	1	1	1	4	4	12	3	0	1
Wisconsin	19,905,678	62	5	0	2	7	9	8	15	6	6	4
Wyoming	1,777,064	9	0	1	0	0	2	4	1	0	0	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 4b. Number of academic libraries, by volumes held at end of fiscal year, control, level, size, and Carnegie classification of institution: Fiscal year 2002**

Institutional characteristic	Volumes held at end of year	Number of libraries										
		Number of books, serial backfiles, and other paper materials, including government documents										
		Total	Less than 5,000	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
United States	954,182,359	3,568	437	186	213	237	433	685	707	295	161	214
Control												
Public	579,298,439	1,601	36	44	78	139	290	380	236	144	103	151
Private	374,883,920	1,967	401	142	135	98	143	305	471	151	58	63
Level <sup>1</sup>												
Total 4-year and above	896,618,407	2,183	152	72	110	83	147	348	608	289	160	214
Doctor's	638,796,659	580	13	8	15	8	11	37	124	93	74	197
Master's	185,413,396	912	37	26	36	28	50	157	348	152	63	15
Bachelor's	68,696,645	657	102	37	52	45	82	149	123	42	23	2
Less than 4-year	57,563,952	1,385	285	114	103	154	286	337	99	6	1	0
Size (FTE enrollment) <sup>2</sup>												
Less than 1,500	110,713,005	1,862	415	161	181	194	246	307	297	54	5	2
1,500 to 4,999	185,104,677	1,101	20	24	32	43	172	284	307	152	54	13
5,000 or more	658,364,677	605	2	1	0	0	15	94	103	89	102	199
Carnegie classification <sup>1</sup>												
Doctoral/Research	538,667,757	254	1	0	0	1	1	1	8	25	39	178
Master's I and II	192,236,750	588	4	3	4	5	9	60	230	162	84	27
Baccalaureate	104,077,899	501	0	1	7	7	19	129	227	69	34	8
Baccalaureate/Associates	2,913,012	50	4	1	2	2	14	21	6	0	0	0
Associates	58,818,866	1,338	245	102	102	140	293	346	102	6	2	0
Specialized	43,465,895	579	79	38	77	55	74	107	115	32	2	0
Not classified	14,002,180	258	104	41	21	27	23	21	19	1	0	1

<sup>1</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>2</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.



**Table 5a. Number of volumes, units, and subscriptions held at the end of the fiscal year in academic libraries, by state: Fiscal year 2002**

<b>State</b>	<b>Total number of libraries</b>	<b>Books, serial backfiles, and other paper materials, including government documents</b>	<b>E-books<sup>1</sup></b>	<b>Microform units</b>	<b>Current serial subscriptions</b>	<b>Audiovisual materials units</b>
United States	3,568	954,182,359	10,318,157	1,143,727,994	9,855,958	88,198,946
Alabama	66	14,606,512	271,702	22,478,666	99,566	1,102,020
Alaska	6	2,210,434	3,755	2,450,444	8,636	738,701
Arizona	52	10,952,641	110,236	15,323,347	100,780	1,948,474
Arkansas	46	6,637,995	142,963	9,170,275	45,621	164,423
California	335	85,840,825	359,165	97,326,527	852,481	13,484,821
Colorado	61	13,511,519	115,752	18,035,545	115,749	773,645
Connecticut	44	20,539,237	32,388	15,998,598	161,214	3,124,920
Delaware	10	3,529,271	8,956	5,728,218	24,513	188,214
District of Columbia	15	10,972,782	9,717	14,087,509	79,379	763,564
Florida	131	26,814,352	849,157	44,049,032	237,860	1,169,619
Georgia	109	20,646,630	525,927	35,467,366	186,224	3,185,541
Hawaii	18	4,686,843	14,598	9,088,468	53,104	89,341
Idaho	13	4,235,751	9,602	5,697,923	22,726	158,539
Illinois	157	51,899,453	176,101	49,807,433	449,988	2,139,670
Indiana	81	24,819,977	304,720	24,083,157	343,692	5,378,730
Iowa	62	13,639,855	146,074	14,171,427	131,034	1,583,027
Kansas	55	14,345,021	90,997	14,474,584	114,742	420,613
Kentucky	62	12,015,224	236,963	19,344,045	155,193	1,369,146
Louisiana	40	14,800,414	354,517	21,142,776	88,542	462,687
Maine	30	5,582,452	8,177	5,057,662	368,952	140,553
Maryland	54	14,685,612	31,816	18,240,585	141,651	2,905,127
Massachusetts	112	45,029,616	131,268	40,402,514	517,236	4,613,700
Michigan	99	31,638,594	413,523	39,248,818	289,482	1,020,679
Minnesota	89	17,988,970	94,454	14,057,794	171,713	1,477,034
Mississippi	38	8,170,257	100,516	15,636,742	50,689	557,459
Missouri	99	21,406,803	103,432	26,881,376	124,916	1,419,731
Montana	22	2,909,672	22,116	4,626,713	20,346	208,356
Nebraska	36	7,338,668	47,530	10,548,963	59,964	335,041
Nevada	11	2,646,316	6,668	5,737,793	19,931	577,406
New Hampshire	22	5,842,350	21,993	8,672,132	60,547	566,220

See notes at end of table.

**Table 5a. Number of volumes, units, and subscriptions held at the end of the fiscal year in academic libraries, by state: Fiscal year 2002—Continued**

<b>State</b>	<b>Total number of libraries</b>	<b>Books, serial backfiles, and other paper materials, including government documents</b>	<b>E-books<sup>1</sup></b>	<b>Microform units</b>	<b>Current serial subscriptions</b>	<b>Audiovisual materials units</b>
New Jersey	51	21,946,917	94,102	20,413,442	324,111	609,747
New Mexico	36	6,476,040	108,567	8,628,275	40,932	1,809,973
New York	256	83,264,664	365,500	102,851,347	683,855	5,742,302
North Carolina	119	32,116,045	439,738	36,201,020	345,964	2,351,773
North Dakota	19	3,248,581	18,457	2,227,639	21,513	108,568
Ohio	147	41,252,963	291,872	37,126,249	382,996	2,237,141
Oklahoma	46	12,066,242	179,663	21,470,639	260,318	922,213
Oregon	53	11,160,854	39,586	14,018,162	89,410	2,291,956
Pennsylvania	205	47,987,124	772,058	52,866,651	491,724	3,975,302
Rhode Island	13	6,388,827	35,856	6,603,092	43,754	1,419,285
South Carolina	61	10,704,418	426,299	13,186,395	95,973	367,540
South Dakota	23	3,239,197	32,854	2,788,808	28,562	148,217
Tennessee	82	16,420,068	823,028	21,195,571	188,597	1,243,196
Texas	182	56,229,130	1,095,761	73,680,835	435,370	3,377,701
Utah	22	9,404,226	65,335	11,146,300	86,804	1,966,078
Vermont	23	5,008,261	53,108	3,492,074	65,730	147,456
Virginia	85	24,028,519	509,225	34,051,965	811,985	946,237
Washington	71	16,890,520	87,648	23,112,941	148,202	2,348,950
West Virginia	28	4,722,975	32,240	6,270,138	30,391	243,952
Wisconsin	62	19,905,678	102,477	21,962,320	166,238	3,817,356
Wyoming	9	1,777,064	0	3,397,699	17,058	57,002

<sup>1</sup>The item response rate is below 70 percent for e-books held at the end of the year. See table F-1 in data documentation; for the number and percentage of respondents, by level, control of institution, and item, by Schmitt, C. (2005). Documentation for the Academic Library Survey (ALS) Data File: Fiscal year 2002 (NCES 2006-308). Missing data are estimated using imputations as described in the data documentation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 5b. Number of volumes, units, and subscriptions held at the end of the fiscal year in academic libraries, by control, level, size, and Carnegie classification of institution: Fiscal year, 2002**

State	Total number of libraries	Books, serial backfiles, and other paper materials, including government documents	E-books <sup>1</sup>	Microform units	Current serial subscriptions	Audiovisual materials units
United States	3,568	954,182,359	10,318,157	1,143,727,994	9,855,958	88,198,946
Control						
Public	1,601	579,298,439	5,823,743	791,884,962	5,759,303	58,983,947
Private	1,967	374,883,920	4,494,414	351,843,032	4,096,655	29,214,999
Level <sup>2</sup>						
Total 4-year and above	2,183	896,618,407	7,909,349	1,104,561,835	8,368,330	83,107,240
Doctor's	580	638,796,659	4,035,588	778,802,948	5,309,603	67,053,332
Master's	912	185,413,396	2,660,190	282,864,913	1,961,861	11,937,581
Bachelor's	657	68,696,645	1,195,186	31,972,094	1,020,873	3,953,895
Less than 4-year	1,385	57,563,952	2,408,808	39,166,159	1,487,628	5,091,706
Size (FTE enrollment) <sup>3</sup>						
Less than 1,500	1,862	110,713,005	2,319,997	73,734,514	1,472,149	8,048,936
1,500 to 4,999	1,101	185,104,677	3,610,869	219,756,142	2,712,001	11,223,490
5,000 or more	605	658,364,677	4,387,291	850,237,338	5,671,808	68,926,520
Carnegie classification <sup>2</sup>						
Doctoral/Research	254	538,667,757	3,106,161	660,330,722	4,306,643	62,664,018
Master's I and II	588	192,236,750	2,638,458	333,578,948	1,925,448	8,798,218
Baccalaureate	501	104,077,899	1,564,157	65,197,378	1,262,840	5,242,799
Baccalaureate/Associates	50	2,913,012	63,872	906,876	87,395	401,714
Associates	1,338	58,818,866	2,400,670	39,705,538	1,538,536	5,208,423
Specialized	579	43,465,895	284,159	26,924,822	570,355	5,370,237
Not classified	258	14,002,180	260,680	17,083,710	164,741	513,537

<sup>1</sup> The item response rate is below 70 percent for e-books held at the end of the year in the categories of "All postsecondary degree-granting institutions," "Control," and "Level." See table F-1 in data documentation; for the number and percentage of respondents, by level, control of institution, and item, by Schmitt, C. (2005). Documentation for the Academic Library Survey (ALS) Data File: Fiscal year 2002 (NCES 2006-308). Missing data are estimated using imputations as described in the data documentation.

<sup>2</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>3</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 6a. Number of volumes, units, and subscriptions added during the fiscal year in academic libraries, by state: Fiscal year 2002**

<b>State</b>	<b>Total number of libraries</b>	<b>Books, serial backfiles, and other paper materials, including government documents</b>	<b>E-books</b>	<b>Microform units</b>	<b>Current serial subscriptions</b>	<b>Audiovisual materials units</b>
United States	3,568	24,575,696	4,775,709	24,443,241	642,350	3,609,605
Alabama	66	316,108	122,000	431,322	14,592	38,311
Alaska	6	32,000	3,481	55,340	640	11,932
Arizona	52	317,042	45,356	215,350	7,548	86,437
Arkansas	46	161,393	33,450	235,867	5,828	8,501
California	335	2,266,429	162,999	2,110,856	52,111	392,499
Colorado	61	350,203	48,829	514,894	6,163	28,930
Connecticut	44	438,378	4,460	166,560	13,508	34,369
Delaware	10	90,389	5,573	111,024	444	6,372
District of Columbia	15	240,184	2,589	364,703	2,595	25,990
Florida	131	1,029,069	487,099	1,017,855	14,303	81,741
Georgia	109	545,181	196,368	674,053	10,971	94,782
Hawaii	18	103,712	1,792	128,629	5,338	4,534
Idaho	13	110,615	3,709	94,074	774	5,865
Illinois	157	1,065,756	100,111	1,006,553	21,762	60,252
Indiana	81	631,912	118,308	435,653	30,638	128,189
Iowa	62	449,879	52,999	312,628	6,183	51,782
Kansas	55	359,290	52,391	297,408	5,017	11,239
Kentucky	62	279,380	173,241	443,630	12,007	45,691
Louisiana	40	265,778	176,216	361,071	9,365	10,918
Maine	30	150,284	35	76,955	8,360	7,082
Maryland	54	341,459	9,018	314,246	9,305	138,420
Massachusetts	112	1,025,302	59,090	809,242	29,741	191,851
Michigan	99	774,206	162,614	979,094	11,965	42,995
Minnesota	89	502,403	46,655	334,008	12,631	56,369
Mississippi	38	263,430	23,093	323,013	1,809	20,664
Missouri	99	478,906	59,256	682,672	6,416	67,082
Montana	22	86,423	11,401	43,732	8,986	12,466
Nebraska	36	170,570	15,290	168,105	2,559	25,619
Nevada	11	82,443	3,692	125,027	536	14,222
New Hampshire	22	141,844	15,869	169,612	1,953	29,045

See notes at end of table.

**Table 6a. Number of volumes, units, and subscriptions added during the fiscal year in academic libraries, by state: Fiscal year 2002—Continued**

<b>State</b>	<b>Total number of libraries</b>	<b>Books, serial backfiles, and other paper materials, including government documents</b>	<b>E-books</b>	<b>Microform units</b>	<b>Current serial subscriptions</b>	<b>Audiovisual materials units</b>
New Jersey	51	453,411	12,046	408,504	20,311	21,554
New Mexico	36	232,449	38,920	322,216	10,144	442,597
New York	256	2,045,840	118,703	1,553,480	60,443	189,759
North Carolina	119	950,325	175,929	1,079,866	15,849	124,322
North Dakota	19	86,533	14,424	102,858	2,743	5,697
Ohio	147	916,823	147,175	862,550	15,007	70,838
Oklahoma	46	318,439	96,808	510,529	14,097	17,037
Oregon	53	379,185	15,046	499,870	5,237	41,107
Pennsylvania	205	1,339,700	188,885	1,108,789	56,135	125,298
Rhode Island	13	223,970	13,650	489,014	7,275	16,381
South Carolina	61	264,178	294,830	281,923	4,670	18,500
South Dakota	23	151,902	13,419	82,824	1,206	3,119
Tennessee	82	415,399	448,021	479,192	10,393	41,957
Texas	182	1,644,815	523,576	1,829,103	34,869	462,093
Utah	22	335,909	46,711	188,456	4,219	105,270
Vermont	23	121,048	26,914	82,535	25,074	6,686
Virginia	85	642,658	297,101	610,609	25,812	41,885
Washington	71	409,778	28,148	251,617	2,896	82,781
West Virginia	28	87,134	27,743	155,500	2,257	6,779
Wisconsin	62	444,543	50,676	492,190	9,266	50,517
Wyoming	9	41,689	0	48,440	399	1,279

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 6b. Number of volumes, units, and subscriptions added during the fiscal year in academic libraries, by control, level, size, and Carnegie classification of institution: Fiscal year 2002**

<b>Institutional characteristic</b>	<b>Total number of libraries</b>	<b>Books, serial backfiles, and other paper materials, including government documents</b>	<b>E-books</b>	<b>Microform units</b>	<b>Current serial subscriptions</b>	<b>Audiovisual materials units</b>
United States	3,568	24,575,696	4,775,709	24,443,241	642,350	3,609,605
Control						
Public	1,601	14,698,645	2,774,846	15,548,657	312,444	2,535,005
Private	1,967	9,877,051	2,000,863	8,894,584	329,906	1,074,600
Level <sup>1</sup>						
Total 4-year and above	2,183	22,103,928	3,359,816	23,377,004	534,575	3,270,119
Doctor's	580	15,076,361	1,384,839	15,826,378	290,304	2,672,525
Master's	912	4,947,170	1,327,475	6,269,257	157,030	397,956
Bachelor's	657	1,967,630	635,432	1,035,417	84,539	194,154
Less than 4-year	1,385	2,471,768	1,415,893	1,066,237	107,775	339,486
Size (FTE enrollment) <sup>2</sup>						
Less than 1,500	1,862	3,194,659	1,436,024	1,805,177	169,237	373,961
1,500 to 4,999	1,101	5,533,564	1,765,353	5,870,170	177,004	452,595
5,000 or more	605	15,847,473	1,574,332	16,767,894	296,109	2,783,049
Carnegie classification <sup>1</sup>						
Doctoral/Research	254	12,445,248	1,014,792	12,914,428	243,181	2,486,304
Master's I and II	588	4,925,572	1,274,748	7,677,303	113,115	352,780
Baccalaureate	501	2,688,228	778,171	1,902,043	95,741	192,726
Baccalaureate/Associates	50	110,464	40,062	30,388	1,177	16,335
Associates	1,338	2,640,846	1,401,090	1,080,007	123,976	355,812
Specialized	579	1,295,220	115,568	668,894	53,724	185,738
Not classified	258	470,118	151,278	170,178	11,436	19,910

<sup>1</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>2</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 7a. Number, percentage, and percentage distribution of full-time equivalent (FTE) staff in academic libraries, by state: Fall 2002**

State	Total FTE staff			Librarians and other professionals									
	Total number of libraries	Number	Percentage distribution	Total		Librarians		Other professional staff		Other paid staff		Student assistants	
				FTE	Percent	FTE	Percent	FTE	Percent	FTE	Percent	FTE	Percent
United States	3,568	94,829	100.0	32,052	33.8	25,657	27.1	6,396	6.7	37,473	39.5	25,305	26.7
Alabama	66	1,388	1.5	519	37.4	395	28.5	124	8.9	489	35.2	380	27.4
Alaska	6	186	0.2	67	36.0	48	25.8	20	10.8	83	44.6	36	19.4
Arizona	52	1,253	1.3	393	31.4	338	27.0	55	4.4	562	44.9	298	23.8
Arkansas	46	766	0.8	218	28.5	180	23.5	38	5.0	304	39.7	244	31.9
California	335	9,402	9.9	3,111	33.1	2,169	23.1	943	10.0	3,641	38.7	2,651	28.2
Colorado	61	1,249	1.3	376	30.1	336	26.9	40	3.2	572	45.8	301	24.1
Connecticut	44	1,551	1.6	642	41.4	469	30.2	173	11.2	573	36.9	336	21.7
Delaware	10	319	0.3	111	34.8	95	29.8	16	5.0	142	44.5	66	20.7
District of Columbia	15	1,171	1.2	328	28.0	304	26.0	24	2.0	501	42.8	342	29.2
Florida	131	3,602	3.8	1,272	35.3	1,019	28.3	253	7.0	1,526	42.4	804	22.3
Georgia	109	2,369	2.5	808	34.1	710	30.0	98	4.1	1,032	43.6	528	22.3
Hawaii	18	512	0.5	159	31.1	127	24.8	32	6.3	141	27.5	212	41.4
Idaho	13	329	0.3	89	27.1	80	24.3	9	2.7	143	43.5	97	29.5
Illinois	157	4,718	5.0	1,444	30.6	1,145	24.3	298	6.3	1,979	41.9	1,295	27.4
Indiana	81	2,247	2.4	685	30.5	550	24.5	134	6.0	985	43.8	578	25.7
Iowa	62	1,132	1.2	334	29.5	288	25.4	46	4.1	474	41.9	325	28.7
Kansas	55	978	1.0	303	31.0	247	25.3	55	5.6	325	33.2	351	35.9
Kentucky	62	1,373	1.4	427	31.1	382	27.8	45	3.3	544	39.6	402	29.3
Louisiana	40	1,386	1.5	518	37.4	369	26.6	149	10.8	399	28.8	470	33.9
Maine	30	438	0.5	162	37.0	137	31.3	24	5.5	152	34.7	124	28.3
Maryland	54	1,724	1.8	632	36.7	532	30.9	100	5.8	763	44.3	329	19.1
Massachusetts	112	4,487	4.7	1,751	39.0	1,357	30.2	394	8.8	1,723	38.4	1,013	22.6
Michigan	99	2,957	3.1	959	32.4	769	26.0	190	6.4	1,118	37.8	881	29.8
Minnesota	89	1,572	1.7	512	32.6	445	28.3	67	4.3	544	34.6	516	32.8
Mississippi	38	1,068	1.1	349	32.7	250	23.4	99	9.3	272	25.5	447	41.9
Missouri	99	1,935	2.0	654	33.8	563	29.1	91	4.7	794	41.0	486	25.1
Montana	22	303	0.3	85	28.1	66	21.8	19	6.3	119	39.3	98	32.3
Nebraska	36	633	0.7	217	34.3	182	28.8	36	5.7	280	44.2	136	21.5
Nevada	11	375	0.4	102	27.2	93	24.8	9	2.4	176	46.9	98	26.1
New Hampshire	22	582	0.6	174	29.9	152	26.1	22	3.8	263	45.2	145	24.9

See notes at end of table.

**Table 7a. Number, percentage, and percentage distribution of full-time equivalent (FTE) staff in academic libraries, by state: Fall 2002—Continued**

State	Total FTE staff			Librarians and other professionals									
	Total number of libraries	Percentage		Total		Librarians		Other professional staff		Other paid staff		Student assistants	
		Number	distribution	FTE	Percent	FTE	Percent	FTE	Percent	FTE	Percent	FTE	Percent
New Jersey	51	2,084	2.2	708	34.0	599	28.7	108	5.2	982	47.1	395	19.0
New Mexico	36	735	0.8	312	42.4	158	21.5	154	21.0	194	26.4	228	31.0
New York	256	8,366	8.8	3,163	37.8	2,410	28.8	754	9.0	3,084	36.9	2,118	25.3
North Carolina	119	3,041	3.2	1,112	36.6	982	32.3	130	4.3	1,304	42.9	624	20.5
North Dakota	19	259	0.3	103	39.8	84	32.4	19	7.3	76	29.3	80	30.9
Ohio	147	3,384	3.6	1,178	34.8	869	25.7	310	9.2	1,131	33.4	1,075	31.8
Oklahoma	46	1,212	1.3	336	27.7	289	23.8	47	3.9	430	35.5	447	36.9
Oregon	53	1,121	1.2	340	30.3	278	24.8	62	5.5	443	39.5	338	30.2
Pennsylvania	205	4,816	5.1	1,632	33.9	1,290	26.8	343	7.1	1,826	37.9	1,357	28.2
Rhode Island	13	592	0.6	195	32.9	165	27.9	30	5.1	222	37.5	175	29.6
South Carolina	61	1,253	1.3	389	31.0	362	28.9	27	2.2	493	39.3	371	29.6
South Dakota	23	240	0.3	79	32.9	68	28.3	12	5.0	79	32.9	81	33.8
Tennessee	82	1,773	1.9	606	34.2	531	29.9	75	4.2	738	41.6	430	24.3
Texas	182	5,915	6.2	1,859	31.4	1,565	26.5	293	5.0	2,647	44.8	1,409	23.8
Utah	22	1,058	1.1	326	30.8	246	23.3	80	7.6	370	35.0	362	34.2
Vermont	23	385	0.4	120	31.2	107	27.8	13	3.4	147	38.2	118	30.6
Virginia	85	2,363	2.5	813	34.4	652	27.6	161	6.8	1,003	42.4	546	23.1
Washington	71	1,829	1.9	547	29.9	474	25.9	73	4.0	834	45.6	448	24.5
West Virginia	28	527	0.6	153	29.0	132	25.0	21	4.0	206	39.1	168	31.9
Wisconsin	62	1,691	1.8	614	36.3	554	32.8	59	3.5	578	34.2	499	29.5
Wyoming	9	180	0.2	69	38.3	47	26.1	23	12.8	65	36.1	46	25.6

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.



**Table 7b. Number and percentage of full-time equivalent (FTE) staff in academic libraries, by control, level, size, and Carnegie classification of institution: Fall 2002**

Institutional characteristic	Total number of libraries	Total FTE staff		Librarians and other professionals						Other paid staff		Student assistants	
		Number	Percent	Total		Librarians		Other professional staff		FTE	Percent	FTE	Percent
				FTE	Percent	FTE	Percent	FTE	Percent				
United States	3,568	94,829	100.0	32,052	33.8	25,657	27.1	6,396	6.7	37,473	39.5	25,305	26.7
Control													
Public	1,601	58,723	61.9	19,221	32.7	15,342	26.1	3,879	6.6	24,594	41.9	14,908	25.4
Private	1,967	36,106	38.1	12,831	35.5	10,315	28.6	2,517	7.0	12,879	35.7	10,397	28.8
Level <sup>1</sup>													
Total 4-year and above	2,183	80,936	85.3	26,979	33.3	21,597	26.7	5,382	6.6	31,929	39.4	22,029	27.2
Doctor's	580	54,938	57.9	18,180	33.1	14,154	25.8	4,026	7.3	23,389	42.6	13,369	24.3
Master's	912	18,772	19.8	6,229	33.2	5,291	28.2	938	5.0	6,375	34.0	6,168	32.9
Bachelor's	657	6,685	7.0	2,355	35.2	1,965	29.4	391	5.8	1,957	29.3	2,373	35.5
Less than 4-year	1,385	13,893	14.7	5,073	36.5	4,059	29.2	1,014	7.3	5,544	39.9	3,276	23.6
Size (FTE enrollment) <sup>2</sup>													
Less than 1,500	1,862	13,041	13.8	4,993	38.3	4,014	30.8	979	7.5	3,851	29.5	4,197	32.2
1,500 to 4,999	1,101	21,822	23.0	7,613	34.9	6,271	28.7	1,341	6.1	7,857	36.0	6,353	29.1
5,000 or more	605	59,966	63.2	19,447	32.4	15,371	25.6	4,075	6.8	25,764	43.0	14,755	24.6
Carnegie classification <sup>1</sup>													
Doctoral/Research	254	44,574	47.0	14,572	32.7	11,162	25.0	3,410	7.7	19,308	43.3	10,693	24.0
Master's I and II	588	19,311	20.4	6,358	32.9	5,431	28.1	927	4.8	7,032	36.4	5,921	30.7
Baccalaureate	501	8,830	9.3	2,853	32.3	2,405	27.2	448	5.1	2,726	30.9	3,250	36.8
Baccalaureate/Associates	50	510	0.5	199	39.0	168	32.9	31	6.1	149	29.2	162	31.8
Associates	1,338	13,916	14.7	5,055	36.3	4,071	29.3	985	7.1	5,492	39.5	3,369	24.2
Specialized	579	5,687	6.0	2,223	39.1	1,814	31.9	408	7.2	2,065	36.3	1,399	24.6
Not classified	258	2,001	2.1	792	39.6	605	30.2	187	9.3	700	35.0	509	25.4

<sup>1</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>2</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 8a. Number of academic libraries, by total academic library expenditures and state: Fiscal year 2002**

State	Total number of libraries	Total expenditures	Total academic library expenditures								
			Less than \$20,000	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$199,999	\$200,000 to \$299,999	\$300,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$1,999,999	\$2,000,000 or more
United States	3,568	\$5,416,716,283	51	209	297	490	404	556	629	401	531
Alabama	66	72,107,180	0	3	5	11	13	11	9	6	8
Alaska	6	10,937,176	0	0	1	1	0	1	0	1	2
Arizona	52	70,011,757	2	2	9	9	5	7	9	4	5
Arkansas	46	31,905,666	0	2	2	14	8	6	8	2	4
California	335	590,994,381	2	29	31	46	30	35	74	40	48
Colorado	61	79,864,022	1	10	8	11	5	7	4	5	10
Connecticut	44	116,976,648	0	2	2	2	4	7	13	4	10
Delaware	10	19,737,303	0	0	1	0	2	1	3	2	1
District of Columbia	15	75,361,753	0	0	1	1	2	2	0	2	7
Florida	131	188,554,933	1	15	20	23	12	6	22	13	19
Georgia	109	131,569,290	1	2	6	22	17	25	14	11	11
Hawaii	18	26,466,209	2	0	2	1	2	5	2	1	3
Idaho	13	19,721,275	0	2	2	0	0	2	3	1	3
Illinois	157	256,809,066	3	5	10	33	7	28	30	18	23
Indiana	81	128,032,661	1	8	3	16	8	16	8	13	8
Iowa	62	67,042,512	1	2	6	10	11	12	13	3	4
Kansas	55	50,232,707	0	2	6	23	10	3	2	5	4
Kentucky	62	70,095,374	3	5	3	8	7	17	9	3	7
Louisiana	40	63,286,979	1	7	4	1	2	5	3	9	8
Maine	30	25,390,443	2	1	2	8	6	3	2	1	5
Maryland	54	110,877,461	0	5	1	4	6	5	11	11	11
Massachusetts	112	284,939,900	0	0	8	9	10	23	22	14	26
Michigan	99	176,555,066	0	0	7	18	16	11	19	12	16
Minnesota	89	97,681,644	2	2	12	20	10	11	13	9	10
Mississippi	38	42,056,452	0	3	2	3	4	9	8	4	5
Missouri	99	110,445,872	1	7	7	13	16	24	19	2	10
Montana	22	14,296,488	0	0	4	9	0	6	1	0	2
Nebraska	36	35,617,698	0	5	4	3	7	6	6	1	4
Nevada	11	24,526,158	0	2	2	1	0	1	2	1	2
New Hampshire	22	32,498,133	0	1	2	2	3	5	3	4	2

See notes at end of table.

**Table 8a. Number of academic libraries, by total academic library expenditures and state: Fiscal year 2002—Continued**

State	Total number of libraries	Total expenditures	Total academic library expenditures								
			Less than 20,000	20,000 to 49,999	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 to 1,999,999	2,000,000 or more
New Jersey	51	\$126,305,534	0	0	0	2	4	4	15	9	17
New Mexico	36	36,698,781	2	1	2	9	8	5	4	3	2
New York	256	463,587,733	3	18	19	17	18	26	58	44	53
North Carolina	119	181,940,478	0	1	5	21	22	29	17	11	13
North Dakota	19	13,039,223	0	0	5	3	2	6	0	1	2
Ohio	147	187,301,167	5	15	14	17	17	26	24	12	17
Oklahoma	46	55,284,948	0	2	5	7	6	6	7	6	7
Oregon	53	72,319,033	2	1	7	7	4	10	8	7	7
Pennsylvania	205	274,163,420	7	18	17	14	24	23	44	30	28
Rhode Island	13	35,299,506	0	0	0	1	0	1	1	6	4
South Carolina	61	62,124,235	0	1	4	6	12	14	10	8	6
South Dakota	23	10,916,574	0	1	5	6	3	2	4	0	2
Tennessee	82	93,252,844	3	7	8	7	14	13	13	9	8
Texas	182	326,947,599	2	7	14	18	10	35	31	25	40
Utah	22	58,732,430	2	3	5	1	0	1	3	3	4
Vermont	23	20,359,338	0	3	1	4	2	7	2	2	2
Virginia	85	143,231,048	0	4	5	9	15	10	18	7	17
Washington	71	101,768,278	1	2	5	4	8	15	20	6	10
West Virginia	28	23,370,048	1	1	1	3	5	8	5	2	2
Wisconsin	62	96,562,430	0	2	2	9	5	12	13	8	11
Wyoming	9	8,919,429	0	0	0	3	2	3	0	0	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 8b. Number of academic libraries, by total academic library expenditures, control, level, size, and Carnegie classification of institution: Fiscal year 2002**

Institutional characteristic	Total number of libraries	Total expenditures	Total academic library expenditures								
			Less than \$20,000	\$20,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$199,999	\$200,000 to \$299,999	\$300,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$1,999,999	\$2,000,000 or more
United States	3,568	\$5,416,716,283	51	209	297	490	404	556	629	401	531
Control											
Public	1,601	3,343,741,270	1	1	44	179	192	276	339	223	346
Private	1,967	2,072,975,013	50	208	253	311	212	280	290	178	185
Level <sup>1</sup>											
Total 4-year and above	2,183	4,844,638,770	12	62	138	250	218	314	375	312	502
Doctor's	580	3,596,997,289	2	1	10	27	29	31	53	89	338
Master's	912	904,287,421	8	13	29	86	83	168	226	172	127
Bachelor's	657	301,961,918	2	48	99	134	100	112	90	43	29
Less than 4-year	1,385	572,077,513	39	147	159	240	186	242	254	89	29
Size (FTE enrollment) <sup>2</sup>											
Less than 1,500	1,862	570,879,619	51	208	287	451	310	309	157	57	32
1,500 to 4,999	1,101	1,089,099,192	0	1	10	39	94	241	387	208	121
5,000 or more	605	3,756,737,472	0	0	0	0	0	6	85	136	378
Carnegie classification <sup>1</sup>											
Doctoral/Research	254	2,996,800,109	0	0	0	1	0	2	4	12	235
Master's I and II	588	979,713,889	0	0	2	12	14	67	145	177	171
Baccalaureate	501	422,534,261	0	1	7	41	68	120	144	70	50
Baccalaureate/Associates	50	20,583,827	0	1	4	6	17	14	4	3	1
Associates	1,338	573,853,719	32	117	146	222	192	255	257	90	27
Specialized	579	319,832,370	8	36	87	139	86	82	58	41	42
Not classified	258	103,398,108	11	54	51	69	27	16	17	8	5

<sup>1</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>2</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 9a. Expenditures at academic libraries, and salaries as a percentage of total expenditures, by state: Fiscal year 2002**

<b>State</b>	<b>Total number of libraries</b>	<b>Total expenditures</b>	<b>Salaries and wages</b>	<b>Salaries and wages as a percentage of total expenditures</b>	<b>Information resources total<sup>1</sup></b>	<b>Operating expenditures<sup>2</sup></b>
United States	3,568	\$5,416,716,283	\$2,753,403,980	50.8	\$1,990,988,970	\$672,323,333
Alabama	66	72,107,180	33,871,858	47.0	29,687,266	8,548,056
Alaska	6	10,937,176	5,890,260	53.9	3,307,546	1,739,370
Arizona	52	70,011,757	34,711,407	49.6	26,027,569	9,272,781
Arkansas	46	31,905,666	15,989,138	50.1	12,732,599	3,183,929
California	335	590,994,381	329,432,281	55.7	189,783,529	71,778,571
Colorado	61	79,864,022	39,905,113	50.0	29,036,514	10,922,395
Connecticut	44	116,976,648	53,571,715	45.8	46,191,359	17,213,574
Delaware	10	19,737,303	9,574,666	48.5	8,435,491	1,727,146
District of Columbia	15	75,361,753	35,053,210	46.5	28,820,963	11,487,580
Florida	131	188,554,933	91,324,787	48.4	78,360,739	18,869,407
Georgia	109	131,569,290	65,198,904	49.6	51,849,204	14,521,182
Hawaii	18	26,466,209	14,305,398	54.1	9,546,403	2,614,408
Idaho	13	19,721,275	9,247,759	46.9	8,293,126	2,180,390
Illinois	157	256,809,066	135,242,559	52.7	94,094,759	27,471,748
Indiana	81	128,032,661	60,530,711	47.3	49,258,250	18,243,700
Iowa	62	67,042,512	32,654,086	48.7	26,405,903	7,982,523
Kansas	55	50,232,707	25,283,513	50.3	19,427,656	5,521,538
Kentucky	62	70,095,374	33,446,435	47.7	29,588,521	7,060,418
Louisiana	40	63,286,979	31,859,805	50.3	25,329,910	6,097,264
Maine	30	25,390,443	11,656,165	45.9	11,766,495	1,967,783
Maryland	54	110,877,461	56,353,660	50.8	39,131,715	15,392,086
Massachusetts	112	284,939,900	150,005,086	52.6	92,408,697	42,526,117
Michigan	99	176,555,066	87,518,028	49.6	69,017,430	20,019,608
Minnesota	89	97,681,644	49,604,081	50.8	37,123,856	10,953,707
Mississippi	38	42,056,452	21,038,661	50.0	16,261,467	4,756,324
Missouri	99	110,445,872	51,148,616	46.3	41,169,129	18,128,127
Montana	22	14,296,488	6,984,264	48.9	5,687,969	1,624,255
Nebraska	36	35,617,698	17,201,928	48.3	15,197,837	3,217,933
Nevada	11	24,526,158	12,541,170	51.1	10,061,653	1,923,335
New Hampshire	22	32,498,133	14,866,098	45.7	14,126,107	3,505,928

See notes at end of table.

**Table 9a. Expenditures at academic libraries, and salaries as a percentage of total expenditures, by state: Fiscal year 2002—Continued**

State	Total number of libraries	Total expenditures	Salaries and wages as a percentage of total expenditures			
			Salaries and wages	Salaries and wages as a percentage of total expenditures	Information resources total <sup>1</sup>	Operating expenditures <sup>2</sup>
New Jersey	51	\$126,305,534	\$71,415,907	56.5	\$41,166,317	\$13,723,310
New Mexico	36	36,698,781	18,720,181	51.0	12,429,045	5,549,555
New York	256	463,587,733	254,842,183	55.0	154,817,064	53,928,486
North Carolina	119	181,940,478	88,187,828	48.5	67,842,443	25,910,207
North Dakota	19	13,039,223	6,047,478	46.4	5,393,274	1,598,471
Ohio	147	187,301,167	91,951,006	49.1	73,729,047	21,621,114
Oklahoma	46	55,284,948	25,739,319	46.6	23,765,994	5,779,635
Oregon	53	72,319,033	32,468,446	44.9	26,595,537	13,255,050
Pennsylvania	205	274,163,420	136,120,092	49.6	103,843,123	34,200,205
Rhode Island	13	35,299,506	18,165,756	51.5	13,743,162	3,390,588
South Carolina	61	62,124,235	30,893,887	49.7	21,746,921	9,483,427
South Dakota	23	10,916,574	5,107,040	46.8	4,392,324	1,417,210
Tennessee	82	93,252,844	44,432,897	47.6	38,960,062	9,859,885
Texas	182	326,947,599	156,155,065	47.8	123,272,146	47,520,388
Utah	22	58,732,430	28,755,346	49.0	21,017,162	8,959,922
Vermont	23	20,359,338	9,987,780	49.1	9,106,997	1,264,561
Virginia	85	143,231,048	72,262,868	50.5	53,853,372	17,114,808
Washington	71	101,768,278	58,712,094	57.7	32,515,502	10,540,682
West Virginia	28	23,370,048	11,840,307	50.7	8,472,519	3,057,222
Wisconsin	62	96,562,430	51,403,983	53.2	32,553,440	12,605,007
Wyoming	9	8,919,429	4,183,155	46.9	3,643,857	1,092,417

<sup>1</sup> "Information resources total" includes books, serial backfiles, current serial subscriptions, document delivery/interlibrary loan, preservation, and other expenditures for information resources.

<sup>2</sup> "Operating expenditures" include computer hardware and software; bibliographic utilities, networks, and consortia; and all other expenditures not already reported, including furniture and equipment except computer hardware; and any related maintenance costs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 9b. Expenditures at academic libraries and salaries as a percentage of total expenditures, by control, level, size, and Carnegie classification of institution: Fiscal year 2002**

<b>Institutional characteristic</b>	<b>Total number of libraries</b>	<b>Total expenditures</b>	<b>Salaries and wages</b>	<b>Salaries and wages as a percentage of total expenditures</b>	<b>Information resources total<sup>1</sup></b>	<b>Operating expenditures<sup>2</sup></b>
United States	3,568	\$5,416,716,283	\$2,753,403,980	50.8	\$1,990,988,970	\$672,323,333
Control						
Public	1,601	3,343,741,270	1,754,596,483	52.5	1,193,865,410	395,279,377
Private	1,967	2,072,975,013	998,807,497	48.2	797,123,560	277,043,956
Level <sup>3</sup>						
Total 4-year and above	2,183	4,844,638,770	2,351,444,891	48.5	1,875,641,194	617,552,685
Doctor's	580	3,596,997,289	1,681,944,222	46.8	1,433,087,909	481,965,158
Master's	912	904,287,421	491,173,889	54.3	315,992,807	97,120,725
Bachelor's	657	301,961,918	160,861,465	53.3	105,978,710	35,121,743
Less than 4-year	1,385	572,077,513	401,959,089	70.3	115,347,776	54,770,648
Size (FTE enrollment) <sup>4</sup>						
Less than 1,500	1,862	570,879,619	315,859,508	55.3	189,011,373	66,008,738
1,500 to 4,999	1,101	1,089,099,192	587,481,894	53.9	374,944,709	126,672,589
5,000 or more	605	3,756,737,472	1,850,062,578	49.2	1,427,032,888	479,642,006
Carnegie classification <sup>3</sup>						
Doctoral/Research	254	2,996,800,109	1,380,829,547	46.1	1,207,846,603	408,123,959
Master's I and II	588	979,713,889	528,948,814	54.0	347,934,592	102,830,483
Baccalaureate	501	422,534,261	210,908,956	49.9	161,482,629	50,142,676
Baccalaureate/Associates	50	20,583,827	13,241,292	64.3	5,595,433	1,747,102
Associates	1,338	573,853,719	399,919,121	69.7	117,996,818	55,937,780
Specialized	579	319,832,370	161,892,824	50.6	116,535,211	41,404,335
Not classified	258	103,398,108	57,663,426	55.8	33,597,684	12,136,998

<sup>1</sup> "Information resources total" includes books, serial backfiles, current serial subscriptions, document delivery/interlibrary loan, preservation, and other expenditures for information resources.

<sup>2</sup> "Operating expenditures" include computer hardware and software; bibliographic utilities, networks, and consortia; and all other expenditures not already reported, including furniture and equipment except computer hardware; and any related maintenance costs.

<sup>3</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>4</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 10a. Expenditures for information resources at academic libraries, by state: Fiscal year 2002**

State	Total number of libraries	Information resources total <sup>1</sup>	Books, serial backfiles and other materials			Current serial subscriptions		Document delivery/inter-library loan	Preservation	Other expenditures for information resources
			Total	Electronic	Audiovisual	Total	Electronic			
United States	3,568	\$1,990,988,970	\$644,839,832	\$44,791,711	\$37,040,848	\$1,223,762,158	\$297,657,197	\$22,912,529	\$46,498,898	\$52,975,553
Alabama	66	29,687,266	8,963,194	801,198	500,596	19,673,532	3,684,967	175,303	724,717	150,520
Alaska	6	3,307,546	975,758	29,700	87,853	2,190,831	996,657	55,217	73,850	11,890
Arizona	52	26,027,569	9,149,353	806,566	963,570	15,499,630	5,870,225	397,272	461,423	519,891
Arkansas	46	12,732,599	3,422,011	263,926	298,086	8,528,438	1,769,326	256,129	213,497	312,524
California	335	189,783,529	68,283,774	2,456,018	2,601,214	110,027,572	19,226,043	2,797,586	4,826,704	3,847,893
Colorado	61	29,036,514	9,779,783	853,070	788,746	17,274,305	5,465,821	560,502	1,214,435	207,489
Connecticut	44	46,191,359	23,125,277	1,405,623	644,846	19,857,024	5,954,852	337,012	1,186,293	1,685,753
Delaware	10	8,435,491	2,919,807	8,580	30,212	4,949,865	264,371	6,855	147,948	411,016
District of Columbia	15	28,820,963	7,689,216	812,824	374,953	18,540,450	4,157,039	295,668	614,859	1,680,770
Florida	131	78,360,739	28,080,305	2,598,020	1,950,610	44,771,509	10,479,342	878,817	1,692,671	2,937,437
Georgia	109	51,849,204	17,341,571	686,457	908,153	30,272,161	4,136,547	328,055	567,070	3,340,347
Hawaii	18	9,546,403	3,242,704	117,517	117,712	5,851,113	876,142	160,781	262,043	29,762
Idaho	13	8,293,126	2,297,004	8,191	146,155	5,643,245	717,433	109,475	219,843	23,559
Illinois	157	94,094,759	31,156,614	2,222,847	1,704,861	57,302,525	12,837,790	890,369	2,207,006	2,538,245
Indiana	81	49,258,250	14,423,369	670,650	571,843	31,437,205	8,229,879	692,531	1,326,753	1,378,392
Iowa	62	26,405,903	8,267,376	532,556	607,296	16,550,614	5,754,478	366,137	761,577	460,199
Kansas	55	19,427,656	5,569,571	200,469	236,825	12,670,474	1,994,438	433,702	468,983	284,926
Kentucky	62	29,588,521	8,756,815	375,430	485,083	17,106,395	4,428,551	238,883	571,313	2,915,115
Louisiana	40	25,329,910	6,445,610	897,075	230,991	17,323,120	3,469,334	264,436	535,334	761,410
Maine	30	11,766,495	3,074,227	75,978	195,835	8,376,033	1,206,844	111,264	171,989	32,982
Maryland	54	39,131,715	11,165,272	2,508,517	720,548	23,803,140	7,544,815	297,912	757,462	3,107,929
Massachusetts	112	92,408,697	28,589,797	2,337,206	1,845,276	59,348,918	12,596,286	754,142	1,835,239	1,880,601
Michigan	99	69,017,430	22,389,685	2,124,438	1,182,881	42,371,065	12,650,808	868,669	1,933,246	1,454,765
Minnesota	89	37,123,856	12,078,486	712,776	848,967	22,588,425	5,669,766	713,013	1,137,943	605,989
Mississippi	38	16,261,467	5,050,379	197,496	389,134	10,761,536	1,879,285	112,770	296,004	40,778
Missouri	99	41,169,129	11,256,655	349,929	717,778	26,112,890	5,947,533	406,248	911,984	2,481,352
Montana	22	5,687,969	1,444,589	18,488	191,811	3,816,659	1,022,494	330,900	76,498	19,323
Nebraska	36	15,197,837	3,715,907	869,093	331,881	10,880,445	2,134,267	198,413	363,245	39,827
Nevada	11	10,061,653	3,332,630	127,348	99,839	6,479,232	2,113,700	83,513	104,297	61,981
New Hampshire	22	14,126,107	4,469,639	369,822	204,725	9,243,547	2,471,557	72,600	333,527	6,794

See notes at end of table.



**Table 10a. Expenditures for information resources at academic libraries, by state: Fiscal year 2002—Continued**

State	Total number of libraries	Information resources total <sup>1</sup>	Books, serial backfiles and other materials			Current serial subscriptions		Document delivery/inter-library loan	Preservation	Other expenditures for information resources
			Total	Electronic	Audiovisual	Total	Electronic			
New Jersey	51	\$41,166,317	\$14,830,701	\$833,729	\$686,728	\$24,098,512	\$9,430,709	\$281,454	\$1,311,778	\$643,872
New Mexico	36	12,429,045	3,856,995	155,800	249,515	7,916,927	1,660,471	207,723	281,886	165,514
New York	256	154,817,064	47,897,544	4,608,236	2,261,088	96,504,695	22,628,440	1,507,923	4,426,862	4,480,040
North Carolina	119	67,842,443	21,288,000	1,131,298	1,102,210	43,351,198	10,150,577	446,695	1,397,431	1,359,119
North Dakota	19	5,393,274	1,100,060	67,622	132,618	3,946,412	601,393	82,289	90,713	173,800
Ohio	147	73,729,047	22,951,956	893,933	1,297,334	47,040,739	16,320,653	740,539	1,805,995	1,189,818
Oklahoma	46	23,765,994	6,989,803	505,454	450,526	13,077,375	3,304,715	687,930	396,668	2,614,218
Oregon	53	26,595,537	7,634,145	269,701	309,419	17,476,806	3,101,011	377,716	509,628	597,242
Pennsylvania	205	103,843,123	31,694,768	1,479,860	1,716,439	66,601,718	17,884,279	995,631	2,981,350	1,569,656
Rhode Island	13	13,743,162	4,011,027	328,364	125,537	8,510,331	2,070,290	200,400	428,607	592,797
South Carolina	61	21,746,921	7,771,796	390,283	319,726	13,036,233	3,932,467	305,770	379,297	253,825
South Dakota	23	4,392,324	1,358,701	49,379	72,250	2,898,499	895,706	25,912	66,631	42,581
Tennessee	82	38,960,062	11,046,948	1,048,142	554,298	26,044,343	6,222,401	467,704	802,832	598,235
Texas	182	123,272,146	46,234,442	4,571,320	4,237,524	70,609,219	21,826,296	1,216,065	2,442,284	2,770,136
Utah	22	21,017,162	6,366,529	275,796	448,608	13,142,747	2,475,637	177,455	642,971	687,460
Vermont	23	9,106,997	2,408,322	72,868	130,550	6,278,441	1,161,651	118,231	175,313	126,690
Virginia	85	53,853,372	18,416,213	1,801,963	1,240,983	32,558,006	6,932,541	881,051	1,062,923	935,179
Washington	71	32,515,502	9,074,932	162,146	771,720	22,263,138	4,704,495	329,093	453,455	394,884
West Virginia	28	8,472,519	2,144,192	74,160	102,377	5,929,418	1,509,631	209,019	141,432	48,458
Wisconsin	62	32,553,440	10,415,307	632,150	798,042	20,685,872	4,992,956	411,065	629,122	412,074
Wyoming	9	3,643,857	891,073	1,699	55,076	2,539,631	300,288	48,690	73,967	90,496

<sup>1</sup> "Information resources total" includes books, serial backfiles, current serial subscriptions, document delivery/interlibrary loan, preservation, and other expenditures for information resources.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 10b. Expenditures for information resources at academic libraries, by control, level, size, and Carnegie classification of institution: Fiscal year 2002**

Institutional characteristic	Total number of libraries	Information resources total <sup>1</sup>	Books, serial backfiles and other materials			Current serial subscriptions		Document delivery/inter-library loan	Preservation	Other expenditures for information resources
			Total	Electronic	Audiovisual	Total	Electronic			
United States	3,568	\$1,990,988,970	\$644,839,832	\$44,791,711	\$37,040,848	\$1,223,762,158	\$297,657,197	\$22,912,529	\$46,498,898	\$52,975,553
Control										
Public	1,601	1,193,865,410	365,202,184	22,041,098	22,669,494	757,352,470	181,749,153	15,348,965	27,194,555	28,767,236
Private	1,967	797,123,560	279,637,648	22,750,613	14,371,354	466,409,688	115,908,044	7,563,564	19,304,343	24,208,317
Level <sup>2</sup>										
Total 4-year and above	2,183	1,875,641,194	577,800,715	40,250,108	28,422,927	1,178,348,052	281,395,037	22,332,237	45,781,597	51,378,593
Doctor's	580	1,433,087,909	418,020,523	30,531,136	16,619,433	915,500,920	216,560,947	17,537,414	36,668,415	45,360,637
Master's	912	315,992,807	112,508,330	7,261,155	8,038,360	188,800,452	46,506,622	3,478,056	6,513,407	4,692,562
Bachelor's	657	105,978,710	44,489,060	2,081,220	3,637,436	57,013,737	15,463,755	1,121,899	2,269,479	1,084,535
Less than 4-year	1,385	115,347,776	67,039,117	4,541,603	8,617,921	45,414,106	16,262,160	580,292	717,301	1,596,960
Size (FTE enrollment) <sup>3</sup>										
Less than 1,500	1,862	189,011,373	70,051,455	4,582,609	5,825,267	110,582,996	25,490,196	2,133,827	3,724,872	2,518,223
1,500 to 4,999	1,101	374,944,709	137,010,663	9,665,721	10,560,469	220,140,890	59,089,845	4,188,838	6,956,674	6,647,644
5,000 or more	605	1,427,032,888	437,777,714	30,543,381	20,655,112	893,038,272	213,077,156	16,589,864	35,817,352	43,809,686
Carnegie classification <sup>2</sup>										
Doctoral/Research	254	1,207,846,603	353,487,996	25,321,989	13,048,009	766,821,101	181,241,771	14,909,972	31,835,863	40,791,671
Master's I and II	588	347,934,592	114,603,264	8,517,932	8,268,122	217,495,818	54,308,943	3,795,838	6,958,479	5,081,193
Baccalaureate	501	161,482,629	63,990,772	3,114,315	4,097,969	90,196,713	23,917,276	1,809,490	3,754,393	1,731,261
Baccalaureate/Associates	50	5,595,433	3,172,977	94,352	233,513	2,237,822	743,045	32,899	78,131	73,604
Associates	1,338	117,996,818	68,648,221	4,582,049	8,721,531	46,424,974	16,592,363	593,078	778,345	1,552,200
Specialized	579	116,535,211	28,984,312	2,532,561	2,032,053	81,519,661	17,918,954	1,593,487	2,545,941	1,891,810
Not classified	258	33,597,684	11,952,290	628,513	639,651	19,066,069	2,934,845	177,765	547,746	1,853,814

<sup>1</sup> "Information resources total" includes books, serial backfiles, current serial subscriptions, document delivery/interlibrary loan, preservation, and other expenditures for information resources.

<sup>2</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>3</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 11a. Expenditures for equipment and other selected expenditures by academic libraries, by state: Fiscal year 2002**

State	Total number of libraries	Operating expenditures			
		Total	Computer hardware and software	Bibliographic utilities, networks, consortia	All other operating expenditures <sup>1</sup>
United States	3,568	\$672,323,333	\$155,791,341	\$92,242,365	\$424,289,627
Alabama	66	8,548,056	2,724,251	1,148,519	4,675,286
Alaska	6	1,739,370	338,377	292,817	1,108,176
Arizona	52	9,272,781	1,955,894	509,543	6,807,344
Arkansas	46	3,183,929	1,000,277	433,221	1,750,431
California	335	71,778,571	20,137,567	6,846,754	44,794,250
Colorado	61	10,922,395	3,035,356	2,155,233	5,731,806
Connecticut	44	17,213,574	4,029,754	2,424,183	10,759,637
Delaware	10	1,727,146	84,076	195,119	1,447,951
District of Columbia	15	11,487,580	1,512,693	2,244,484	7,730,403
Florida	131	18,869,407	4,353,456	2,566,594	11,949,357
Georgia	109	14,521,182	3,708,676	2,032,069	8,780,437
Hawaii	18	2,614,408	469,780	503,543	1,641,085
Idaho	13	2,180,390	472,567	911,733	796,090
Illinois	157	27,471,748	6,304,478	4,754,845	16,412,425
Indiana	81	18,243,700	3,798,944	2,387,053	12,057,703
Iowa	62	7,982,523	2,537,705	1,401,617	4,043,201
Kansas	55	5,521,538	1,390,250	970,323	3,160,965
Kentucky	62	7,060,418	1,440,322	917,482	4,702,614
Louisiana	40	6,097,264	1,410,142	1,559,937	3,127,185
Maine	30	1,967,783	369,974	423,719	1,174,090
Maryland	54	15,392,086	3,070,490	2,434,395	9,887,201
Massachusetts	112	42,526,117	8,343,766	4,542,856	29,639,495
Michigan	99	20,019,608	4,791,297	3,119,029	12,109,282
Minnesota	89	10,953,707	3,247,490	1,603,224	6,102,993
Mississippi	38	4,756,324	1,336,090	455,227	2,965,007
Missouri	99	18,128,127	2,064,882	2,168,725	13,894,520
Montana	22	1,624,255	316,133	278,091	1,030,031
Nebraska	36	3,217,933	813,657	423,336	1,980,940
Nevada	11	1,923,335	463,130	204,412	1,255,793
New Hampshire	22	3,505,928	491,078	534,472	2,480,378

See notes at end of table.

**Table 11a. Expenditures for equipment and other selected expenditures by academic libraries, by state: Fiscal year 2002—Continued**

State	Total number of libraries	Operating expenditures			
		Total	Computer hardware and software	Bibliographic utilities, networks, consortia	All other operating expenditures <sup>1</sup>
New Jersey	51	\$13,723,310	\$1,396,772	\$1,685,518	\$10,641,020
New Mexico	36	5,549,555	1,218,163	613,776	3,717,616
New York	256	53,928,486	9,822,554	8,715,944	35,389,988
North Carolina	119	25,910,207	5,262,732	2,360,569	18,286,906
North Dakota	19	1,598,471	299,218	537,703	761,550
Ohio	147	21,621,114	4,799,943	3,800,053	13,021,118
Oklahoma	46	5,779,635	1,368,193	1,178,597	3,232,845
Oregon	53	13,255,050	1,477,839	1,599,211	10,178,000
Pennsylvania	205	34,200,205	9,958,480	5,194,857	19,046,868
Rhode Island	13	3,390,588	778,158	757,129	1,855,301
South Carolina	61	9,483,427	1,599,816	1,045,924	6,837,687
South Dakota	23	1,417,210	117,288	526,065	773,857
Tennessee	82	9,859,885	2,801,483	1,301,257	5,757,145
Texas	182	47,520,388	15,529,912	4,601,025	27,389,451
Utah	22	8,959,922	2,641,311	919,897	5,398,714
Vermont	23	1,264,561	132,338	225,897	906,326
Virginia	85	17,114,808	3,854,411	2,304,455	10,955,942
Washington	71	10,540,682	1,836,308	1,673,682	7,030,692
West Virginia	28	3,057,222	914,538	416,157	1,726,527
Wisconsin	62	12,605,007	3,819,821	1,988,441	6,796,745
Wyoming	9	1,092,417	149,511	353,653	589,253

<sup>1</sup>"All other operating expenditures" are all other expenditures not already reported, and include furniture and equipment except computer hardware, and any related maintenance costs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 11b. Expenditures for equipment and other selected expenditures in academic libraries, by control, level, size, and Carnegie classification of institution, Fiscal year 2002**

Institutional characteristic	Total number of libraries	Operating expenditures			
		Total	Computer hardware and software	Bibliographic utilities, networks, consortia	All other operating expenditures <sup>1</sup>
United States	3,568	\$672,323,333	\$155,791,341	\$92,242,365	\$424,289,627
Control					
Public	1,601	395,279,377	99,145,224	50,897,223	245,236,930
Private	1,967	277,043,956	56,646,117	41,345,142	179,052,697
Level <sup>2</sup>					
Total 4-year and above	2,183	617,552,685	140,190,731	82,948,226	394,413,728
Doctor's	580	481,965,158	107,076,349	50,735,538	324,153,271
Master's	912	97,120,725	23,308,531	23,793,722	50,018,472
Bachelor's	657	35,121,743	8,827,393	7,992,390	18,301,960
Less than 4-year	1,385	54,770,648	15,600,610	9,294,139	29,875,899
Size (FTE enrollment) <sup>3</sup>					
Less than 1,500	1,862	66,008,738	17,825,022	14,425,448	33,758,268
1,500 to 4,999	1,101	126,672,589	29,953,318	27,287,235	69,432,036
5,000 or more	605	479,642,006	108,013,001	50,529,682	321,099,323
Carnegie classification <sup>2</sup>					
Doctoral/Research	254	408,123,959	88,252,691	39,305,825	280,565,443
Master's I and II	588	102,830,483	27,123,646	22,781,420	52,925,417
Baccalaureate	501	50,142,676	11,347,716	12,159,000	26,635,960
Baccalaureate/Associates	50	1,747,102	468,452	529,914	748,736
Associates	1,338	55,937,780	15,829,659	9,635,134	30,472,987
Specialized	579	41,404,335	9,703,396	6,527,888	25,173,051
Not classified	258	12,136,998	3,065,781	1,303,184	7,768,033

<sup>1</sup>"All other operating expenditures" are all other expenditures not already reported, and include furniture and equipment except computer hardware, and any related maintenance costs.

<sup>2</sup>While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>3</sup>Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 12a. Percentage of academic libraries with selected electronic services, by state: Fall 2002**

<b>State</b>	<b>Documents digitized by library staff</b>	<b>Library reference service by e-mail or the Web</b>	<b>Technology to assist patrons with disabilities</b>	<b>Electronic thesis and dissertations produced</b>
United States	25.0	67.9	48.4	6.0
Alabama	25.8	60.6	63.6	4.5
Alaska	50.0	83.3	50.0	0.0
Arizona	17.3	61.5	48.1	11.5
Arkansas	21.7	67.4	65.2	4.3
California	17.6	54.0	48.1	6.3
Colorado	21.3	63.9	42.6	1.6
Connecticut	40.9	81.8	61.4	6.8
Delaware	0.0	70.0	30.0	0.0
District of Columbia	40.0	80.0	40.0	20.0
Florida	16.8	67.2	45.8	7.6
Georgia	20.2	62.4	49.5	3.7
Hawaii	5.6	77.8	50.0	0.0
Idaho	15.4	76.9	69.2	7.7
Illinois	22.9	68.2	48.4	7.0
Indiana	22.2	60.5	48.1	4.9
Iowa	21.0	74.2	27.4	1.6
Kansas	18.2	63.6	38.2	3.6
Kentucky	19.4	74.2	43.5	4.8
Louisiana	35.0	65.0	55.0	10.0
Maine	36.7	56.7	60.0	3.3
Maryland	25.9	77.8	50.0	7.4
Massachusetts	29.5	75.9	55.4	10.7
Michigan	19.2	76.8	47.5	6.1
Minnesota	27.0	70.8	59.6	3.4
Mississippi	23.7	71.1	44.7	7.9
Missouri	26.3	64.6	39.4	4.0
Montana	50.0	54.5	59.1	4.5
Nebraska	25.0	55.6	38.9	8.3
Nevada	36.4	81.8	45.5	18.2
New Hampshire	13.6	63.6	31.8	4.5

See notes at end of table.

**Table 12a. Percentage of academic libraries with selected electronic services, by state: Fall 2002—Continued**

<b>State</b>	<b>Documents digitized by library staff</b>	<b>Library reference service by e-mail or the Web</b>	<b>Technology to assist patrons with disabilities</b>	<b>Electronic thesis and dissertations produced</b>
New Jersey	35.3	80.4	64.7	5.9
New Mexico	11.1	50.0	41.7	2.8
New York	32.0	67.2	47.7	4.7
North Carolina	20.2	81.5	58.8	2.5
North Dakota	26.3	68.4	36.8	10.5
Ohio	20.4	58.5	34.0	10.9
Oklahoma	21.7	71.7	60.9	8.7
Oregon	30.2	81.1	56.6	5.7
Pennsylvania	29.3	68.3	41.5	5.4
Rhode Island	53.8	84.6	69.2	0.0
South Carolina	13.1	55.7	34.4	0.0
South Dakota	34.8	87.0	39.1	8.7
Tennessee	20.7	64.6	36.6	3.7
Texas	34.1	75.8	59.9	6.6
Utah	40.9	59.1	63.6	18.2
Vermont	30.4	60.9	30.4	8.7
Virginia	32.9	82.4	42.4	7.1
Washington	22.5	76.1	66.2	5.6
West Virginia	25.0	67.9	39.3	7.1
Wisconsin	41.9	74.2	46.8	6.5
Wyoming	11.1	88.9	55.6	11.1

NOTE: Data were not imputed for non-response, and the average response rate was 87.4%.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.

**Table 12b. Percentage of academic libraries with selected electronic services, by control, level, size, and Carnegie classification of institution: Fall 2002**

<b>Institutional characteristic</b>	<b>Documents digitized by library staff</b>	<b>Library reference service by e-mail or the Web</b>	<b>Technology to assist patrons with disabilities</b>	<b>Electronic thesis and dissertations produced</b>
United States	25.0	67.9	48.4	6.0
Control				
Public	30.7	76.6	73.5	7.2
Private	20.4	60.9	27.9	5.0
Level <sup>1</sup>				
Total 4-year and above	33.5	73.4	45.3	9.3
Doctor's	56.2	86.6	64.7	24.8
Master's	31.0	73.9	44.8	5.2
Bachelor's	16.9	61.5	29.1	1.8
Less than 4-year	11.6	59.4	53.2	0.7
Size (FTE enrollment) <sup>2</sup>				
Less than 1,500	14.1	55.3	27.3	2.5
1,500 to 4,999	27.6	77.9	61.9	4.5
5,000 or more	54.0	88.8	88.6	19.7
Carnegie classification <sup>1</sup>				
Doctoral/Research	76.0	93.7	86.6	41.3
Master's I and II	43.9	86.2	64.1	8.3
Baccalaureate	28.1	71.3	38.9	3.8
Baccalaureate/Associates	12.0	74.0	36.0	2.0
Associates	11.7	61.5	54.7	0.9
Specialized	18.8	57.3	20.9	4.5
Not classified	11.2	50.4	24.4	0.8

<sup>1</sup> While "level" and "Carnegie classification" are similar, there is not complete overlap in the two classifications. "Level" refers to the highest level of any degree offered by the institution. The "Carnegie classification" is based on criteria such as institutional mission and research funding in addition to highest level of degree awarded. The Carnegie classification was developed by the Carnegie Foundation for the Advancement of Teaching and published in *A Classification of Institutions of Higher Education, 2000 Edition*.

<sup>2</sup> Full-time equivalent (FTE) enrollment is calculated by adding one-third of part-time enrollment to full-time enrollment.

NOTE: The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 34 4-year and above institutions that grant "other" degrees and are thus not included in the breakdown. Data were not imputed for non-response, and the average response rate was 87.4%.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2002.