

APPENDIX TABLE 2-4 
Distance education programs by institutional control, field, and degree level: 2015

(Number and percent)

Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
Public institutions								
4-year								
All fields	4,700	11.4	31,008	6.2	19,157	13.4	7,173	2.6
S&E	654	12.7	10,991	3.4	7,156	7.7	4,229	1.1
Engineering	57	0.0	1,688	1.7	1,463	17.6	911	2.1
Science	597	13.9	9,303	3.8	5,693	5.2	3,318	0.9
Natural sciences	526	12.7	5,450	2.6	3,594	4.9	2,402	0.7
Agricultural sciences	85	5.9	913	1.4	528	8.9	328	0.9
Biological sciences	34	0.0	1,379	0.6	1,345	1.9	1,149	0.3
Earth, atmospheric, and ocean sciences	7	0.0	440	0.4	263	1.1	178	1.1
Computer sciences	346	17.9	974	11.6	475	16.8	158	201.0
Mathematics	12	0.0	742	1.1	471	4.9	218	0.0
Physical sciences	42	0.0	1,002	0.0	512	0.0	371	0.0
Social and behavioral sciences	71	22.5	3,853	5.3	2,099	5.5	916	1.4
Psychology	12	33.3	603	10.6	489	3.5	266	1.1
Social sciences	59	20.3	3,250	4.3	1,610	6.1	650	1.5
Non-S&E	4,046	11.2	20,017	7.8	12,001	16.8	2,944	4.8
S&E technologies	1,244	4.7	1,315	10.6	459	20.7	53	5.7
Science technologies	31	3.2	15	26.7	9	11.0	1	0.0



Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
Engineering technologies	571	3.3	640	6.6	114	24.6	13	7.7
Health technologies	641	5.8	655	14.2	335	19.4	39	5.1
Other S&E technologies	1	100.0	5	0.0	1	100.0	0	0.0
Other non-S&E	2,802	14.1	18,702	7.6	11,542	16.6	2,891	4.7
2-year								
All fields	31,511	9.6	0	0.0	0	0.0	0	0.0
S&E	5,009	8.9	0	0.0	0	0.0	0	0.0
Engineering	514	3.3	0	0.0	0	0.0	0	0.0
Science	4,495	9.5	0	0.0	0	0.0	0	0.0
Natural sciences	3,437	8.9	0	0.0	0	0.0	0	0.0
Agricultural sciences	320	5.3	0	0.0	0	0.0	0	0.0
Biological sciences	348	3.2	0	0.0	0	0.0	0	0.0
Earth, atmospheric, and ocean sciences	79	1.3	0	0.0	0	0.0	0	0.0
Computer sciences	2,066	12.2	0	0.0	0	0.0	0	0.0
Mathematics	240	5.4	0	0.0	0	0.0	0	0.0
Physical sciences	384	3.1	0	0.0	0	0.0	0	0.0
Social and behavioral sciences	1,058	11.4	0	0.0	0	0.0	0	0.0
Psychology	228	13.2	0	0.0	0	0.0	0	0.0
Social sciences	830	11.0	0	0.0	0	0.0	0	0.0
Non-S&E	26,502	9.8	0	0.0	0	0.0	0	0.0
S&E technologies	6,824	3.7	0	0.0	0	0.0	0	0.0



Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
Science technologies	181	2.2	0	0.0	0	0.0	0	0.0
Engineering technologies	2,900	2.8	0	0.0	0	0.0	0	0.0
Health technologies	3,732	4.4	0	0.0	0	0.0	0	0.0
Other S&E technologies	11	9.1	0	0.0	0	0.0	0	0.0
Other non-S&E	19,678	11.9	0	0.0	0	0.0	0	0.0
Private non-profit institutions								
All fields	3,844	18.2	41,726	6.3	15,876	17.5	3,446	3.9
S&E	489	17.4	12,673	3.5	3,618	11.6	1,789	1.3
Engineering	35	5.7	961	0.9	687	17.0	359	2.5
Science	454	18.3	11,712	3.7	2,931	10.3	1,430	1.0
Natural sciences	339	18.0	6,420	3.0	1,577	10.3	934	0.9
Agricultural sciences	31	3.2	635	1.9	96	11.4	18	0.0
Biological sciences	42	9.5	1,981	1.0	680	2.6	556	0.2
Earth, atmospheric, and ocean sciences	1	0.0	204	1.0	64	0.0	46	0.0
Computer sciences	238	22.7	1,269	10.7	352	33.2	72	9.7
Mathematics	12	8.3	1,001	1.6	193	4.7	96	0.0
Physical sciences	15	6.7	1,330	0.4	192	4.2	146	0.0
Social and behavioral sciences	115	19.1	5,292	4.6	1,354	10.2	496	1.4
Psychology	36	30.5	1,126	11.4	574	8.4	207	2.9
Social sciences	79	13.9	4,166	2.8	780	11.5	289	0.3
Non-S&E	3,355	18.4	29,053	7.4	12,258	19.3	1,657	6.7
S&E technologies	645	8.8	860	9.4	465	12.9	21	9.5
Science technologies	6	16.7	16	31.2	1	0.0	0	0.0



Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
Engineering technologies	145	6.9	206	7.8	59	18.6	5	0.0
Health technologies	492	9.3	633	9.2	399	11.5	16	12.5
Other S&E technologies	2	0.0	5	40.0	6	50.0	0	0.0
Other non-S&E	2,710	20.6	28,193	7.4	11,793	19.6	1,636	6.7
Private for-profit institutions								
4-year								
All fields	4,679	29.6	4,823	44.0	1,722	61.4	262	40.4
S&E	815	29.3	1,127	48.4	309	68.0	57	42.1
Engineering	10	80.0	25	32.0	14	50.0	0	0.0
Science	805	28.7	1,102	48.8	295	68.8	57	42.1
Natural sciences	758	27.6	944	45.0	147	73.5	7	85.7
Agricultural sciences	1	0.0	20	95.0	11	100.0	0	0.0
Biological sciences	2	50.0	8	12.5	1	0.0	1	0.0
Earth, atmospheric, and ocean sciences	0	0.0	0	0.0	0	0.0	0	0.0
Computer sciences	755	27.5	912	44.4	135	71.8	6	100.0
Mathematics	0	0.0	2	0.0	0	0.0	0	0.0
Physical sciences	0	0.0	2	0.0	0	0.0	0	0.0
Social and behavioral sciences	47	46.8	158	71.5	148	64.2	50	36.0
Psychology	21	9.5	66	39.4	79	51.9	46	30.4
Social sciences	26	76.9	92	94.6	69	78.3	4	100.0
Non-S&E	3,864	29.7	3,696	42.8	1,413	59.9	205	40.0
S&E technologies	1,177	24.0	319	14.4	54	20.4	2	50.0



Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
Science technologies	3	0.0	0	0.0	0	0.0	0	0.0
Engineering technologies	365	5.8	231	10.8	2	100.0	0	0.0
Health technologies	806	32.1	86	22.1	52	17.3	2	50.0
Other S&E technologies	3	100.0	2	100.0	0	0.0	0	0.0
Other non-S&E	2,687	32.2	3,377	45.4	1,359	61.5	203	39.9
2-year								
All fields	2,255	14.4	4	25.0	0	0.0	0	0.0
S&E	200	9.5	2	0.0	0	0.0	0	0.0
Engineering	2	50.0	1	0.0	0	0.0	0	0.0
Science	198	9.1	1	0.0	0	0.0	0	0.0
Natural sciences	198	9.1	1	0.0	0	0.0	0	0.0
Agricultural sciences	1	100.0	0	0.0	0	0.0	0	0.0
Biological sciences	2	50.0	0	0.0	0	0.0	0	0.0
Earth, atmospheric, and ocean sciences	0	0.0	0	0.0	0	0.0	0	0.0
Computer sciences	194	8.8	1	0.0	0	0.0	0	0.0
Mathematics	0	0.0	0	0.0	0	0.0	0	0.0
Physical sciences	1	0.0	0	0.0	0	0.0	0	0.0
Social and behavioral sciences	0	0.0	0	0.0	0	0.0	0	0.0
Psychology	0	0.0	0	0.0	0	0.0	0	0.0
Social sciences	0	0.0	0	0.0	0	0.0	0	0.0
Non-S&E	2,055	14.9	2	50.0	0	0.0	0	0.0



Control and field	Associate's		Bachelor's		Master's		Doctoral/ research	
	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)	Total	Distance education (%)
S&E technologies	956	13.9	0	0.0	0	0.0	0	0.0
Science technologies	0	0.0	0	0.0	0	0.0	0	0.0
Engineering technologies	122	6.6	0	0.0	0	0.0	0	0.0
Health technologies	834	15.0	0	0.0	0	0.0	0	0.0
Other S&E technologies	0	0.0	0	0.0	0	0.0	0	0.0
Other non-S&E	1,099	15.7	2	50.0	0	0.0	0	0.0

Note(s)

Engineering technologies are focused more on applied skills than on fundamental science and mathematics. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data from *Science and Engineering Indicators 2008* and earlier years that were based on accredited higher education institutions.

Source(s)

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <https://ncesdata.nsf.gov/webcaspar/>.

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