



UNIVERSITY OF MINNESOTA  
TWIN CITIES

Management Planning and Information Services  
Management Planning Division  
30 Wulling Hall  
86 Pleasant Street S.E.  
Minneapolis, Minnesota 55455

October 15, 1990

To: President and Vice Presidents  
From: MPIS *DJO*  
Subject: Number and Size of Campuses

A study this office did about a year ago examining the relative numbers and sizes of post-secondary campuses in the United States drew considerable attention and has been cited quite frequently. This study was based on rather stale data dating from about 1983. We have now revised the study to reflect the current situation and to, we think, improve the research design.

The current study uses current population estimates. Data on institutions and their enrollments derive mostly from the 1990 edition of the Higher Education Directory.<sup>1</sup> These have been compared with data recently published in the "Chronicle of Higher Education"<sup>2</sup> and with the much older attempts by McCoy and Halstead. All of these sources undercount the campuses in Minnesota; apparently because most of the Technical Colleges do not report or do not meet the definitions. We have corrected the Minnesota data based on HECB reports. This raises the question of whether significant comparable omissions are present for other states. We have examined this as carefully as possible and believe such omissions, if present, are minimal. The presence of a technical college system entirely separate from community colleges is very rare. Except in Minnesota, post-secondary technical training tends to occur within community college systems. Thus few institutions would be omitted for the reasons that led to the Minnesota omissions.

For similar reasons, the approach used in the previous study of classifying institutions as collegiate or technical has been abandoned. A clearer and much less arbitrary bifurcation is two-year institutions vs. four-year and higher institutions. That is the approach used here.

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<sup>1</sup> Higher Education Publications, Inc.; "1990 Higher Education Directory."

<sup>2</sup> September 5, 1990.

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The results confirm those of the previous study. Except for the most thinly populated states, Minnesota has the most and smallest campuses.

Attachment

DJB:cal

c: Ed Foster  
Nick LaFontaine  
Donna Peterson

COMPARATIVE NUMBERS OF POSTSECONDARY CAMPUSES

	Four Year	Two Year	Total	Population (millions)	Campuses per Million	Four Year	Two Year	Headcount Enrollment Four Year	Headcount Enrollment Two Year	Mean Campus Size		
						Campuses per Million	Campuses per Million			Four Year	Two Year	Both
Alabama	16	38	54	4.1	13.11	3.89	9.23	112,315	59,957	7,020	1,578	3,190
Alaska	3	9	12	.5	22.77	5.69	17.08	24,554	6,062	8,185	674	2,551
Arizona	3	16	19	3.6	5.34	.84	4.50	93,485	142,125	31,162	8,883	12,401
Arkansas	10	10	20	2.4	8.31	4.16	4.16	55,923	14,801	5,592	1,480	3,536
Calif.	31	105	136	29.1	4.68	1.07	3.61	516,238	1,179,832	16,653	11,236	12,471
Colorado	13	15	28	3.3	8.44	3.92	4.52	103,953	59,176	7,996	3,945	5,826
Conn.	7	17	24	3.2	7.41	2.16	5.25	64,012	41,939	9,145	2,467	4,415
Delaware	2	3	5	.7	7.43	2.97	4.46	22,320	9,183	11,160	3,061	6,301
D.C.	1		1	.6	1.66	1.66	.00	11,263		11,263	na	11,263
Florida	9	28	37	12.7	2.92	.71	2.21	158,141	269,513	17,571	9,625	11,558
Georgia	17	23	40	6.4	6.22	2.64	3.57	117,109	54,458	6,889	2,368	4,289
Hawaii	3	6	9	1.1	8.09	2.70	5.40	22,546	19,992	7,515	3,332	4,726
Idaho	4	2	6	1.0	5.92	3.94	1.97	30,185	5,367	7,546	2,684	5,925
Illinois	12	49	61	11.7	5.23	1.03	4.20	189,640	280,135	15,803	5,717	7,701
Indiana	13	15	28	5.6	5.01	2.32	2.68	168,308	39,327	12,947	2,622	7,416
Iowa	3	18	21	2.8	7.39	1.06	6.34	67,177	43,940	22,392	2,441	5,291
Kansas	8	21	29	2.5	11.54	3.18	8.36	87,756	54,498	10,970	2,595	4,905
Kentucky	8	13	21	3.7	5.63	2.15	3.49	98,642	30,931	12,330	2,379	6,170
Louisiana	14	6	20	4.4	4.56	3.19	1.37	130,809	15,359	9,344	2,560	7,308
Maine	8	5	13	1.2	10.64	6.55	4.09	32,089	5,461	4,011	1,092	2,888
Maryland	13	19	32	4.7	6.82	2.77	4.05	108,093	101,582	8,315	5,346	6,552
Mass.	13	16	29	5.9	4.90	2.20	2.71	89,177	58,486	6,860	3,655	5,092
Michigan	15	29	44	9.3	4.74	1.62	3.13	243,594	226,832	16,240	7,822	10,692
MINNESOTA	10	53	63	4.4	14.47	2.30	12.18	109,514	85,567	10,951	1,614	3,097
Miss.	9	15	24	2.6	9.16	3.43	5.72	51,032	43,506	5,670	2,900	3,939
Missouri	13	14	27	5.2	5.23	2.52	2.71	114,921	63,249	8,840	4,518	6,599
Montana	6	4	10	.8	12.41	7.44	4.96	26,989	3,539	4,498	885	3,053
Nebraska	7	7	14	1.6	8.69	4.35	4.35	57,569	27,423	8,224	3,918	6,071
Nevada	2	4	6	1.1	5.40	1.80	3.60	24,597	30,654	12,299	7,664	9,209
N.Hampsh.	4	8	12	1.1	10.84	3.61	7.23	19,915	4,342	4,979	543	2,021
N.Jersey	19	19	38	7.7	4.91	2.46	2.46	133,114	111,650	7,006	5,876	6,441
N.Mexico	6	14	20	1.5	13.09	3.93	9.16	47,172	27,844	7,862	1,989	3,751
New York	41	42	83	18.0	4.62	2.28	2.34	331,591	230,506	8,088	5,488	6,772
No.Car.	16	58	74	6.6	11.26	2.43	8.83	137,285	129,621	8,580	2,235	3,607
No.Dakota	6	7	13	.7	19.70	9.09	10.61	27,958	7,013	4,660	1,002	2,690
Ohio	19	41	60	10.9	5.50	1.74	3.76	284,206	130,965	14,958	3,194	6,920
Oklahoma	14	15	29	3.2	9.00	4.34	4.65	93,117	62,893	6,651	4,193	5,380
Oregon	8	13	21	2.8	7.45	2.84	4.61	64,902	95,058	8,113	7,312	7,617

COMPARATIVE NUMBERS OF POSTSECONDARY CAMPUSES

	Four Year	Two Year	Total	Population (millions)	Campuses per Million	Four Year Campuses per Million	Two Year Campuses per Million	Headcount Enrollment Four Year	Headcount Enrollment Two Year	Mean Campus Size		
										Four Year	Two Year	Both
Pennsyl.	25	37	62	12.0	5.15	2.08	3.07	203,244	120,112	8,130	3,246	5,215
Rhode Is.	2	1	3	1.0	3.01	2.00	1.00	21,120	14,718	10,560	14,718	11,946
So.Car.	12	21	33	3.5	9.40	3.42	5.98	79,083	44,617	6,590	2,125	3,748
So.Dak.	6	3	9	.7	12.59	8.39	4.20	22,150	794	3,692	265	2,549
Tennessee	10	14	24	4.9	4.86	2.02	2.83	103,569	51,352	10,357	3,668	6,455
Texas	40	64	104	17.0	6.12	2.35	3.77	397,649	356,342	9,941	5,568	7,250
Utah	4	5	9	1.7	5.27	2.34	2.93	51,382	22,066	12,846	4,413	8,161
Vermont	4	2	6	.6	10.58	7.05	3.53	13,886	4,240	3,472	2,120	3,021
Virginia	15	24	39	6.1	6.40	2.46	3.94	150,519	124,773	10,035	5,199	7,059
Wash.	6	27	33	4.8	6.93	1.26	5.67	77,851	155,333	12,975	5,753	7,066
W.Virg.	12	4	16	1.9	8.62	6.46	2.15	60,752	9,685	5,063	2,421	4,402
Wisconsin	13	30	43	4.9	8.84	2.67	6.16	150,676	92,790	11,590	3,093	5,662
Wyoming	1	7	8	.5	16.84	2.11	14.74	10,773	14,371	10,773	2,053	3,143
U. S.	556	1,016	1,572	248.2	6.33	2.24	4.09	5,413,865	4,783,979	9,737	4,709	6,487
Minn. Ran 23/25		4	5	21		4	32	18	16	17	42	44
Minn. % of Av.						223%	103%			112%	34%	48%

Sources: Population-Census Bureau estimate as of July 1,1989. Numbers of Institutions and Enrollments-Higher Education Publications, Inc.; "1990 Higher Education Directory", compared with "Chronicle of Higher Education, 9/5/90 and corrected for known omissions in the Minnesota data. There may be institutions omitted for other states but we believe these to be very few. In every case, if an institution is counted, its enrollment is included.

MPIS 10/11/90