Appendix A. **Supplementary Tables**

Table A-1. **Level of Enrollment by Sex, Race/Ethnicity, Age, Marital Status, Veteran Status, Family Income, and Other Selected Characteristics for High School Graduates 17 Years and Older: 1987-1988**

(In thousands)

Characteristic	Total	Enrolled	Percent enrolled	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
Total	134,270	20,140	15	7,011	4,966	3,925	4,238
SEX							
Male	63,538	9,223	15	2,987	2,264	1,906	2,067
Female	70,732	10,917	15	4,024	2,702	2,020	2,171
RACE/ETHNICITY[1]							
White	112,003	16,320	15	5,632	4,021	3,279	3,389
Black	11,692	1,827	16	657	498	266	408
Hispanic	7,019	1,198	17	416	274	242	266
Other	3,556	794	22	306	173	139	175
AGE							
17 to 24 years	18,711	8,940	48	4,438	2,810	647	1,044
25 to 34 years	37,313	6,036	16	1,510	1,348	1,944	1,234
35 to 44 years	30,242	3,184	11	717	529	912	1,025
45 to 54 years	18,304	1,298	7	232	205	280	581
55 to 64 years	14,732	521	4	86	73	81	282
65 years and over	14,968	161	1	27	-	61	73
MARITAL STATUS							
Married	83,022	7,229	9	1,732	1,270	2,100	2,127
Widowed, separated, or divorced	21,529	2,057	10	621	433	332	670
Never married	29,719	10,855	37	4,658	3,262	1,493	1,441
VETERAN STATUS							
Veteran	23,928	1,899	8	480	379	397	642
Non-veteran	110,342	18,241	17	6,530	4,587	3,528	3,596
AVERAGE MONTHLY FAMILY INCOME							
Less than $800	11,016	2,075	19	709	565	457	344
$800 to $1,249	10,744	1,457	14	584	266	265	342
$1,250 to $1,699	13,196	1,600	12	602	345	180	473
$1,700 to $2,499	24,350	3,420	14	927	1,026	686	780
$2,500 to $3,399	24,809	3,386	14	1,206	641	681	857
$3,400 to $4,199	16,072	2,358	15	697	640	455	566
$4,200 to $5,399	15,023	2,421	16	875	594	511	441
$5,400 or more	19,060	3,423	18	1,410	889	690	434
BENEFITS							
Family does not receive benefits	125,711	18,514	15	6,310	4,599	3,839	3,766
Someone in family receives AFDC, Foodstamps, or unemployment	8,559	1,626	19	701	366	86	472

Table A-1. **Level of Enrollment by Sex, Race/Ethnicity, Age, Marital Status, Veteran Status, Family Income, and Other Selected Characteristics for High School Graduates 17 Years and Older: 1987-1988**—Continued

(In thousands)

Characteristic	Total	Enrolled	Percent enrolled	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
RELATIONSHIP TO REFERENCE PERSON							
Reference person living with relative(s)	48,894	4,624	9	1,028	806	1,233	1,557
Reference person living alone or with non-relative(s)	19,519	2,822	14	689	607	874	652
Spouse	41,375	3,550	9	1,002	703	955	890
Child	16,402	7,338	45	3,599	2,405	551	783
Other relative	3,090	604	20	303	119	40	142
Non-relative of reference person but other relatives in household	246	97	39	36	52	-	9
Other	4,744	1,105	23	354	273	272	205
DEPENDENCY STATUS[2]							
Dependent student	5,953	5,953	100	3,374	1,921	213	444
Lives away from home	3,215	3,215	100	1,678	1,291	148	98
Lives at home	2,738	2,738	100	1,696	630	65	346
Independent student	14,187	14,187	100	3,636	3,045	3,712	3,794
RECEIVES FINANCIAL AID[2]							
None received	10,098	10,098	100	3,488	2,508	1,878	2,224
Aid received	10,041	10,041	100	3,522	2,458	2,047	2,014

- Represents zero.

[1]Race/ethnicity categories are mutually exclusive and exhaustive of the total population. For details of category construction see appendix C, Defintions and Explanations.

[2]Total is that of enrolled persons only.

Table A-2. **Average Postsecondary Schooling Costs by Level of Enrollment, Sex, Race/Ethnicity, Family Income, and Dependency Status: 1987-1988**

Characteristic	Total	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
All postsecondary students:					
Total costs[1]					
Mean	$2,414	$2,607	$3,408	$2,327	$1,009
Standard error	77	130	170	173	106
Tuition and fees					
Mean	$1,482	$1,539	$1,963	$1,552	$759
Standard error	51	86	115	118	80
Books and supplies					
Mean	$260	$284	$368	$264	$90
Standard error	9	14	21	24	10
Room and board[2]					
Mean	$2,738	$2,728	$2,964	$2,923	$1,553
Standard error	86	115	143	270	284
SEX					
Male					
Total cost					
Mean	$2,608	$2,826	$3,740	$2,490	$1,162
Standard error	120	214	264	239	178
Tuition and fees					
Mean	$1,585	$1,644	$2,087	$1,697	$847
Standard error	82	147	181	180	125
Books and supplies					
Mean	$280	$306	$411	$279	$101
Standard error	14	24	33	28	18
Room and board					
Mean	$2,677	$2,695	$2,895	$2,891	$1,588
Standard error	122	175	200	349	417
Female					
Total cost					
Mean	$2,250	$2,445	$3,130	$2,173	$864
Standard error	99	162	220	246	121
Tuition and fees					
Mean	$1,394	$1,460	$1,858	$1,415	$675
Standard error	64	102	149	154	101
Books and supplies					
Mean	$243	$268	$331	$249	$79
Standard error	12	16	26	38	11
Room and board					
Mean	$2,803	$2,758	$3,045	$2,953	(B)
Standard error	121	152	205	416	(B)
RACE/ETHNICITY					
White					
Total cost					
Mean	$2,448	$2,674	$3,574	$2,268	$912
Standard error	84	145	189	178	107
Tuition and fees					
Mean	$1,481	$1,543	$2,008	$1,549	$687
Standard error	55	93	125	124	84
Books and supplies					
Mean	$259	$288	$365	$254	$91
Standard error	10	15	22	25	11
Room and board					
Mean	$2,731	$2,786	$2,987	$2,816	$1,231
Standard error	90	122	152	275	224

Table A-2. **Average Postsecondary Schooling Costs by Level of Enrollment, Sex, Race/Ethnicity, Family Income, and Dependency Status: 1987-1988**—Continued

Characteristic	Total	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
Black					
Total cost					
Mean	$2,719	$2,698	$3,780	$2,432	$1,646
Standard error	310	464	666	1,045	448
Tuition and fees					
Mean	$1,833	$1,744	$2,549	$1,481	$1,330
Standard error	225	354	568	557	296
Books and supplies					
Mean	$268	$244	$447	$282	$77
Standard error	36	47	103	74	25
Room and board					
Mean	$2,765	(B)	(B)	(B)	(B)
Standard error	409	(B)	(B)	(B)	(B)
Hispanic					
Total cost					
Mean	$2,097	$2,426	$1,505	$3,085	$1,293
Standard error	332	548	355	975	795
Tuition and fees					
Mean	$1,348	$1,661	$868	$2,058	$707
Standard error	246	425	211	821	479
Books and supplies					
Mean	$243	$269	$260	$320	$114
Standard error	36	49	57	137	68
Room and board					
Mean	$2,752	(B)	(B)	(B)	(B)
Standard error	420	(B)	(B)	(B)	(B)
Other					
Total cost					
Mean	$1,476	$1,425	(B)	(B)	(B)
Standard error	246	407	(B)	(B)	(B)
Tuition and fees					
Mean	$890	$840	(B)	(B)	(B)
Standard error	152	254	(B)	(B)	(B)
Books and supplies					
Mean	$280	$317	(B)	(B)	(B)
Standard error	60	92	(B)	(B)	(B)
Room and board					
Mean	(B)	(B)	(B)	(B)	(B)
Standard error	(B)	(B)	(B)	(B)	(B)
AVERAGE MONTHLY FAMILY INCOME					
Less than $2,100					
Total cost					
Mean	$2,389	$2,187	$2,991	$3,328	$1,317
Standard error	130	197	276	371	216
Tuition and fees					
Mean	$1,502	$1,347	$1,804	$2,064	$974
Standard error	89	137	189	252	160
Books and supplies					
Mean	$269	$276	$361	$351	$96
Standard error	17	27	34	59	18
Room and board					
Mean	$2,760	$2,402	$2,937	$3,240	(B)
Standard error	167	212	326	407	(B)
$2,100 to $4,999					
Total cost					
Mean	$2,032	$2,268	$3,133	$1,740	$895
Standard error	118	214	282	227	157

Table A-2. **Average Postsecondary Schooling Costs by Level of Enrollment, Sex, Race/Ethnicity, Family Income, and Dependency Status: 1987-1988**—Continued

Characteristic	Total	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
Tuition and fees					
Mean	$1,315	$1,372	$1,876	$1,310	$697
Standard error	81	140	192	173	124
Books and supplies					
Mean	$215	$244	$316	$210	$85
Standard error	12	20	27	28	16
Room and board					
Mean	$2,422	$2,568	$2,804	(B)	(B)
Standard error	153	212	239	(B)	(B)
$4,100 or more					
Total cost					
Mean	$2,894	$3,356	$4,161	$2,030	$695
Standard error	149	251	317	284	112
Tuition and fees					
Mean	$1,657	$1,892	$2,229	$1,332	$505
Standard error	96	162	219	185	77
Books and supplies					
Mean	$302	$330	$432	$241	$89
Standard error	17	22	44	36	21
Room and board					
Mean	$2,965	$3,039	$3,102	$2,830	(B)
Standard error	127	173	203	448	(B)
DEPENDENT STUDENTS					
Total cost					
Mean	$4,158	$3,852	$4,953	$4,880	$2,695
Standard error	163	210	294	830	540
Tuition and fees					
Mean	$2,207	$2,121	$2,382	$2,561	$1,936
Standard error	111	144	198	684	385
Books and supplies					
Mean	$387	$348	$473	$598	$217
Standard error	17	20	32	153	51
Room and board					
Mean	$2,894	$2,780	$3,122	(B)	(B)
Standard error	98	122	173	(B)	(B)
INDEPENDENT STUDENTS					
Total cost					
Mean	$1,682	$1,451	$2,433	$2,180	$812
Standard error	74	123	179	172	94
Tuition and fees					
Mean	$1,177	$998	$1,698	$1,494	$621
Standard error	53	84	139	117	73
Books and supplies					
Mean	$206	$225	$302	$244	$75
Standard error	10	18	26	23	10
Room and board					
Mean	$2,447	$2,470	$2,567	$3,045	$1,292
Standard error	161	323	246	316	324

B Base is less than 200,000.
[1]Based on all students, including those with zero costs in any component.
[2]Based only on students who report living away from home.

Table A-3. **Number of Recipients and Average Amount Received by Level of Enrollment and Aid Type: 1987-1988**

(Numbers in thousands)

Types of aid	Total	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
All students	20,140	7,011	4,966	3,925	4,238
All aid recipients					
Number	10,041	3,522	2,458	2,047	2,014
Percent	50	50	49	52	48
Mean	$2,720	$2,714	$2,949	$3,762	$1,390
Standard error	146	283	206	417	158
Pell Grant					
Number	2,672	1,308	855	102	408
Percent	13	19	17	3	10
Mean	$1,242	$1,181	$1,279	(B)	$1,270
Standard error	56	73	100	(B)	172
Percent of total aid					
Mean	51	50	47	(B)	62
Standard error	2	4	4	(B)	7
GI Bill or VEAP					
Number	521	225	191	76	28
Percent	3	3	4	2	1
Mean	$2,613	$2,846	(B)	(B)	(B)
Standard error	279	445	(B)	(B)	(B)
Percent of total aid					
Mean	80	$79	(B)	(B)	(B)
Standard error	4	6	(B)	(B)	(B)
SEOG or college work study					
Number	1,054	459	446	104	45
Percent	5	7	9	3	1
Mean	$1,045	$1,007	$931	(B)	(B)
Standard error	95	134	106	(B)	(B)
Percent of total aid					
Mean	31	28	33	(B)	(B)
Standard error	3	4	6	(B)	(B)
Loan					
Number	3,307	1,291	1,020	562	436
Percent	16	18	21	14	10
Mean	$2,589	$2,121	$2,383	$4,167	$2,425
Standard error	128	149	166	514	246
Percent of total aid					
Mean	65	61	61	70	79
Standard error	2	3	3	5	5
Employer assistance or JTPA					
Number	3,353	809	477	900	1,167
Percent	17	12	10	23	28
Mean	$746	$539	$778	$1,394	$377
Standard error	69	94	96	213	50
Percent of total aid					
Mean	93	87	90	96	97
Standard error	1	4	4	2	2
Fellowship, scholarship or tuition reduction					
Number	2,232	900	748	564	19
Percent	11	13	15	14	0
Mean	$2,680	$2,689	$2,028	$3,575	(B)
Standard error	401	853	272	702	(B)

Table A-3. **Number of Recipients and Average Amount Received by Level of Enrollment and Aid Type: 1987-1988**—Continued

(Numbers in thousands)

Types of aid	Total	College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school or other
Percent of total aid					
Mean	62	61	55	71	(B)
Standard error	3	4	5	5	(B)
Other aid					
Number	2,416	1,043	669	441	262
Percent	12	15	13	11	6
Mean	$1,855	$1,266	$1,395	$3,605	$2,424
Standard error	218	198	298	908	561
Percent of total aid					
Mean	53	51	44	54	83
Standard error	3	4	5	7	6

B Base is less than 200,000 persons.

Table A-4. **Average Aid Received and Number of Recipients by Social and Demographic Characteristics: 1987-1988**

(Numbers in thousands)

Types of aid	Male	Female	White	Black	Hispanic	Other	Average monthly family income: Less than $2,100	$2,100 to $4,099	$4,100 or more	Dependent students	Independent students
All students	9,223	10,917	16,320	1,828	1,198	794	6,860	7,203	6,077	5,953	14,186
All aid recipients											
Number	4,709	5,332	7,917	1,194	600	331	3,860	3,768	2,414	3,084	6,957
Percent	51	49	49	65	50	42	56	52	40	52	49
Mean	$2,869	$2,588	$2,682	$2,772	$2,720	$3,425	$3,265	$2,418	$2,320	$3,493	$2,377
Standard error	260	154	164	346	450	1,252	219	277	246	328	151
Pell Grant											
Number	972	1,700	1,780	625	195	72	1,727	687	258	1,170	1,502
Percent	11	16	11	34	16	9	25	10	4	20	11
Mean	$1,127	$1,308	$1,160	$1,352	(B)	(B)	$1,324	$1,103	$1,065	$1,315	$1,185
Standard error	71	77	59	128	(B)	(B)	69	111	147	87	72
Percent of total aid											
Mean	47	54	46	62	(B)	(B)	52	48	58	52	51
Standard error	4	3	3	6	(B)	(B)	3	5	9	4	3
GI Bill or VEAP											
Number	423	98	406	56	38	21	220	196	105	70	451
Percent	5	1	2	3	3	3	3	3	2	1	3
Mean	$2,673	(B)	$2,775	(B)	(B)	(B)	$2,239	(B)	(B)	(B)	$2,540
Standard error	315	(B)	310	(B)	(B)	(B)	410	(B)	(B)	(B)	312
Percent of total aid											
Mean	81	(B)	76	(B)	(B)	(B)	75	(B)	(B)	(B)	81
Standard error	4	(B)	5	(B)	(B)	(B)	7	(B)	(B)	(B)	5
SEOG or college work study											
Number	433	621	743	165	113	33	550	340	164	556	498
Percent	5	6	5	9	9	4	8	5	3	9	4
Mean	$964	$1,101	$977	(B)	(B)	(B)	$1,179	$876	(B)	$995	$1,101
Standard error	119	137	104	(B)	(B)	(B)	167	114	(B)	108	166
Percent of total aid											
Mean	37	27	30	(B)	(B)	(B)	27	36	(B)	31	31
Standard error	7	3	4	(B)	(B)	(B)	4	8	(B)	5	5
Loan											
Number	1,507	1,800	2,599	466	175	67	1,580	1,123	605	1,576	1,731
Percent	16	16	16	25	15	8	23	16	10	26	12
Mean	$2,619	$2,565	$2,642	$2,516	(B)	(B)	$2,665	$2,473	$2,608	$2,333	$2,823
Standard error	198	169	140	418	(B)	(B)	204	161	328	145	204
Percent of total aid											
Mean	67	63	66	65	(B)	(B)	60	69	69	64	66
Standard error	3	3	2	6	(B)	(B)	3	3	4	3	3
Employer assistance or JTPA											
Number	1,637	1,716	2,953	223	85	92	789	1,583	981	90	3,263
Percent	18	16	18	12	7	12	12	22	16	2	23
Mean	$833	$664	$744	$846	(B)	(B)	$701	$728	$812	(B)	$730
Standard error	109	85	73	367	(B)	(B)	145	109	108	(B)	68
Percent of total aid											
Mean	92	95	94	92	(B)	(B)	86	96	95	(B)	94
Standard error	2	2	1	8	(B)	(B)	4	2	2	(B)	1
Fellowship, scholarship or tuition reduction											
Number	955	1,276	1,896	177	92	67	787	813	632	1,252	979
Percent	10	12	12	10	8	8	11	11	10	21	7

Table A-4. **Average Aid Received and Number of Recipients by Social and Demographic Characteristics: 1987-1988**—Continued

(Numbers in thousands)

Types of aid	Male	Female	White	Black	Hispanic	Other	Average monthly family income			Dependent students	Independent students
							Less than $2,100	$2,100 to $4,099	$4,100 or more		
Mean	$3,176	$2,310	$2,696	(B)	(B)	(B)	$2,523	$2,921	$2,568	$2,580	$2,808
Standard error	846	329	458	(B)	(B)	(B)	463	978	466	619	459
Percent of total aid											
Mean	65	59	63	(B)	(B)	(B)	54	62	72	59	65
Standard error	4	4	3	(B)	(B)	(B)	5	5	5	4	4
Other aid											
Number	1,159	1,257	1,774	294	219	129	1,166	695	555	1,009	1,406
Percent	13	12	11	16	18	16	17	10	9	17	10
Mean	$2,174	$1,561	$1,772	$1,024	$2,385	(B)	$2,079	$1,696	$1,582	$1,422	$2,166
Standard error	406	203	211	242	850	(B)	363	317	410	240	330
Percent of total aid											
Mean	53	52	51	40	73	(B)	52	52	56	45	58
Standard error	4	4	3	9	11	(B)	4	5	6	4	4

- Represents zero.
B Base is less than 200,000 persons.

Table A-5. **Average Cost, Aid, and Net Cost by Level of Enrollment and Other Social and Demographic Variables: 1987-1988**

Cost	Total	Level of enrollment				Sex		Race/Ethnicity				Average monthly family income			Dependent students	Independent students
		College years 1 to 2	College years 3 to 4	College years 5 or higher	Vocational, technical, business school, or other	Male	Female	White	Black	Hispanic	Other	Less than $2,100	$2,100 to $4,099	$4,100 or over		
All students																
Total cost																
Mean	$2,414	$2,607	$3,408	$2,327	$1,009	$2,608	$2,250	$2,448	$2,719	$2,097	$1,476	$2,389	$2,032	$2,894	$4,158	$1,682
Standard error	77	130	170	172	106	120	99	84	310	332	246	130	118	149	163	74
Total aid																
Mean	$1,356	1,364	1,459	1,962	661	1,465	1,264	1,301	1,812	1,361	1,428	1,837	1,265	921	1,810	1,166
Standard error	80	152	128	240	84	145	86	87	266	278	568	143	151	110	187	82
Net cost																
Mean	$1,058	1,243	1,948	365	348	1,143	985	1,147	908	736	48	552	767	1,973	2,348	516
Standard error	90	168	178	227	110	160	99	99	319	305	496	149	150	162	220	83
Percent of total cost covered by aid																
Mean	37	35	34	40	41	38	36	36	50	38	33	45	39	26	34	38
Standard error	1	2	2	3	3	2	2	1	5	5	6	2	2	2	2	1
Students not receiving aid																
Total cost																
Mean	$1,949	$2,204	$2,915	$1,473	$861	$2,247	$1,708	$2,038	$2,052	$1,272	$1,055	$1,681	$1,466	$2,620	$3,763	$1,229
Standard error	95	171	216	175	138	159	115	104	498	367	239	166	130	181	223	80
Total aid																
Mean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard error	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net cost																
Mean	$1,949	$2,204	$2,915	$1,473	$861	$2,247	$1,708	$2,038	$2,052	$1,272	$1,055	$1,681	$1,466	$2,620	$3,763	$1,229
Standard error	95	171	216	175	138	159	115	104	498	367	239	166	130	181	223	80
Percent of total cost covered by aid																
Mean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard error	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Students receiving aid																
Total cost																
Mean	$2,881	$3,006	$3,911	$3,110	$1,173	$2,954	$2,817	$2,883	$3,073	$2,920	$2,065	$2,938	$2,548	$3,310	$4,524	$2,153
Standard error	118	194	259	278	162	175	160	132	388	522	461	186	189	255	235	123
Total aid																
Mean	$2,720	2,714	2,949	3,762	1,390	2,869	2,588	2,682	2,772	2,720	3,425	3,265	2,418	2,320	3,493	2,377
Standard error	146	283	206	417	158	260	154	164	346	450	1252	219	277	246	328	151
Net cost																
Mean	$161	291	962	−651	−217	85	229	201	301	200	−1360	−327	130	991	1032	−225
Standard error	147	277	266	393	163	260	156	165	389	474	1,081	217	261	288	352	142
Percent of total cost covered by aid																
Mean	74	70	69	76	85	74	74	73	76	76	79	80	74	66	65	78
Standard error	1	2	3	3	2	2	2	1	4	5	6	2	2	3	2	1

- Represents zero.

Table A-6. **Persons Receiving Aid and the Percent of Total Costs Covered by Level of Enrollment and Other Social and Demograhic Variables: 1987-1988**

Item	Total	Level of enrollment				Sex		Race/Ethnicity				Average monthly family income			De-pendent students	Inde-pendent students
		College years 1 to 2	College years 3 to 4	College years 5 or higher	Voca-tional, technical, business school, or other	Male	Female	White	Black	Hispanic	Other	Less than $2,100	$2,100 to $4,099	$4,100 or more		
All students[1]	20,140	7,011	4,966	3,925	4,238	9,223	10,917	16,320	1,828	1,198	794	6,860	7,203	6,077	5,953	14,186
Students receiving aid[1]	10,041	3,522	2,458	2,047	2,014	4,709	5,332	7,917	1,194	600	331	3,860	3,768	2,414	3,084	6,957
Percent of all students with:																
No costs covered	50	50	51	48	52	49	51	51	35	50	58	44	48	60	48	51
Up to 25 percent of total costs covered	6	7	9	5	2	6	6	6	8	5	3	5	6	8	10	5
26 to 50 percent of total costs covered	8	9	7	8	6	7	8	7	8	8	8	7	8	7	9	7
51 to 75 percent of total costs covered	6	7	9	5	4	7	6	6	7	7	4	6	7	5	9	5
76 to 100 percent of total costs covered	12	8	8	14	20	13	11	12	12	10	6	11	14	9	5	15
More than 100 percent of total costs	18	18	17	20	16	18	18	17	29	20	21	27	16	11	19	18

[1]Numbers in thousands.