

Table A1.2.—Equations for full-time and part-time college enrollment rates of men

Independent variable	Coefficient	Standard error	T-statistic	R ²	F-statistic
Full-time					
Constant	-5.05	0.17	-29.2	0.99	880.1
Dummy18	2.58	0.11	24.1		
Dummy19	2.72	0.11	25.4		
Dummy20	2.55	0.12	21.0		
Dummy21	2.43	0.11	21.3		
Dummy22	1.95	0.14	13.5		
Dummy23	1.54	0.13	11.8		
Dummy24	1.21	0.15	8.2		
Dummy25-29	0.40	0.14	2.8		
Dummy30-34	-0.61	0.11	-5.3		
Dummy35-44	-1.33	0.16	-8.2		
LNURM	0.07	0.03	2.1		
LNCPIMA	0.32	0.03	11.6		
Rho17	0.43	0.19	2.3		
Rho18	0.57	0.17	3.3		
Rho19	0.32	0.20	1.6		
Rho20	0.48	0.20	2.4		
Rho21	0.33	0.19	1.7		
Rho22	0.63	0.16	4.0		
Rho23	0.39	0.21	1.9		
Rho24	0.72	0.14	5.1		
Rho25-29	0.64	0.13	5.0		
Rho30-34	0.40	0.13	3.2		
Rho35-44	0.69	0.11	6.1		
Part-time					
Constant	-6.11	0.21	-29.4	0.92	126.5
Dummy18	2.34	0.08	28.0		
Dummy19	2.73	0.24	11.2		
Dummy20	2.67	0.08	35.5		
Dummy21	2.61	0.11	24.4		
Dummy22	2.76	0.09	31.3		
Dummy23	2.43	0.09	28.1		
Dummy24	2.17	0.10	22.7		
Dummy25-29	2.19	0.11	20.6		
Dummy30-34	1.76	0.15	11.5		
Dummy35-44	1.67	0.09	19.1		
LNCPIMA	0.20	0.04	5.6		
Rho17	-0.38	0.21	-1.8		
Rho18	0.16	0.21	0.8		
Rho19	0.85	0.14	5.9		
Rho20	0.33	0.20	1.7		
Rho21	0.64	0.17	3.7		
Rho22	0.34	0.26	1.3		
Rho23	-0.08	0.20	-0.4		
Rho24	0.33	0.20	1.7		
Rho25-29	0.67	0.12	5.4		
Rho30-34	0.80	0.10	8.0		
Rho35-44	0.59	0.11	5.5		

R² = Coefficient of determination.

F-Statistic = Obtained statistic for the F value.

Where:

Dummy(age) = 1 for each age and 0 otherwise.

Rho(age) = Autocorrelation coefficient for each age.

LNURM = Log unemployment rate.

LNCPIMA = Log of four-period weighted average of per capita real disposable income.

NOTE: The regression method used to estimate the full-time and part-time equations was pooled least squares with first-order autocorrelation correction.

The time period used to estimate the equations is from 1975 to 1999. The number of observations is 275. For additional information, see

The Modern Forecaster by Hans Levenbach and James P. Cleary (Van Nostrand Reinhold Company Inc., New York, 1984, pp. 354-373).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Enrollment in Degree-Granting Institutions Model.

(This table was prepared May 2001.)