

Table 137. Average number of Carnegie units earned by public high school graduates in various subject fields, by selected student characteristics: Selected years, 1982 to 2000—Continued

Graduation year and selected student characteristic	Total	English	History/social studies	Mathematics			Science					Foreign languages	Arts	Vocational education ¹	Personal use ²	Computer related ³
				Total	Less than algebra	Algebra or higher	Total	General science	Biology	Chemistry	Physics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1998 graduates	25.14	4.25	3.74	3.40	0.67	2.73	3.12	0.89	1.26	0.66	0.31	1.85	1.90	3.99	2.89	0.74
Sex																
Male	24.93	4.19	3.68	3.37	0.74	2.64	3.09	0.93	1.20	0.62	0.33	1.62	1.61	4.25	3.12	0.78
Female	25.36	4.31	3.80	3.42	0.62	2.80	3.17	0.87	1.32	0.70	0.28	2.06	2.15	3.77	2.67	0.71
Race/ethnicity																
White, non-Hispanic	25.21	4.19	3.77	3.40	0.57	2.84	3.18	0.87	1.28	0.69	0.33	1.90	2.00	3.97	2.80	0.73
Black, non-Hispanic	24.83	4.28	3.69	3.42	0.90	2.53	3.03	0.97	1.24	0.58	0.22	1.58	1.57	4.33	2.94	0.84
Hispanic	25.08	4.51	3.60	3.28	1.05	2.23	2.81	0.97	1.13	0.50	0.20	1.78	1.78	3.97	3.36	0.71
Asian/Pacific Islander	25.23	4.37	3.92	3.62	0.65	2.97	3.43	0.81	1.26	0.83	0.51	2.29	1.52	3.15	2.95	0.67
American Indian/Alaska Native	24.43	4.18	3.67	3.10	0.90	2.20	2.68	0.98	1.07	0.49	0.15	1.45	1.94	4.02	3.40	0.67
Academic track																
Academic ⁴	24.91	4.33	3.87	3.54	0.53	3.00	3.34	0.84	1.33	0.78	0.38	2.24	2.41	2.22	2.97	0.52
Vocational ⁵	22.60	3.46	2.55	2.17	1.30	0.87	1.69	1.05	0.59	0.03	0.01	0.14	0.47	9.12	3.01	0.81
Both ⁶	25.64	4.20	3.66	3.30	0.81	2.49	2.94	0.96	1.20	0.54	0.23	1.45	1.31	6.06	2.73	1.03
Neither ⁷	21.50	3.21	2.32	2.19	1.59	0.60	1.58	0.88	0.58	0.04	0.08	0.20	0.55	5.64	5.82	0.51
2000 graduates	26.05	4.39	3.83	3.56	0.61	2.95	3.20	0.85	1.29	0.69	0.36	1.95	2.03	4.21	2.88	0.83
Sex																
Male	25.91	4.31	3.76	3.53	0.68	2.86	3.16	0.88	1.20	0.65	0.40	1.71	1.75	4.60	3.09	0.93
Female	26.17	4.46	3.89	3.58	0.55	3.03	3.25	0.82	1.36	0.73	0.33	2.18	2.30	3.82	2.69	0.74
Race/ethnicity																
White, non-Hispanic	26.21	4.32	3.86	3.56	0.58	2.98	3.24	0.84	1.30	0.70	0.38	1.98	2.12	4.34	2.79	0.81
Black, non-Hispanic	25.76	4.43	3.75	3.54	0.72	2.82	3.13	0.91	1.26	0.65	0.27	1.70	1.95	4.29	2.98	0.85
Hispanic	25.47	4.69	3.77	3.42	0.74	2.68	2.87	0.85	1.19	0.58	0.24	1.90	1.77	3.83	3.21	0.89
Asian/Pacific Islander	26.21	4.57	3.77	3.96	0.35	3.61	3.71	0.71	1.36	0.96	0.65	2.51	1.79	2.82	3.09	0.92
American Indian/Alaska Native	25.11	4.12	3.75	3.29	0.91	2.38	2.88	0.98	1.25	0.45	0.19	1.40	1.99	4.79	2.89	0.96
Academic track																
Academic ⁴	25.57	4.47	3.93	3.70	0.49	3.21	3.39	0.81	1.35	0.80	0.42	2.32	2.52	2.28	2.96	0.54
Vocational ⁵	23.44	3.33	2.62	2.11	1.28	0.82	1.61	0.84	0.65	0.06	0.05	0.15	0.57	9.56	3.50	1.17
Both ⁶	26.81	4.33	3.76	3.45	0.74	2.71	3.04	0.89	1.24	0.59	0.30	1.56	1.47	6.46	2.74	1.20
Neither ⁷	21.58	3.50	1.86	2.27	1.76	0.51	1.59	1.04	0.48	0.04	0.02	0.20	0.93	5.52	5.72	0.29
Standard errors																
2000 graduates	0.201	0.035	0.033	0.028	0.028	0.038	0.038	0.028	0.028	0.018	0.017	0.044	0.054	0.123	0.065	0.032
Sex																
Male	0.206	0.034	0.032	0.031	0.032	0.046	0.039	0.028	0.029	0.017	0.018	0.044	0.051	0.154	0.070	0.036
Female	0.203	0.038	0.035	0.028	0.026	0.036	0.040	0.030	0.029	0.020	0.017	0.049	0.065	0.104	0.063	0.034
Race/ethnicity																
White, non-Hispanic	0.252	0.037	0.037	0.031	0.032	0.043	0.038	0.031	0.034	0.020	0.020	0.053	0.068	0.164	0.075	0.036
Black, non-Hispanic	0.242	0.078	0.067	0.042	0.062	0.059	0.058	0.043	0.040	0.027	0.020	0.071	0.134	0.173	0.093	0.055
Hispanic	0.323	0.106	0.075	0.074	0.051	0.107	0.112	0.046	0.067	0.055	0.026	0.070	0.063	0.124	0.147	0.056
Asian/Pacific Islander	0.327	0.069	0.051	0.095	0.035	0.106	0.153	0.082	0.060	0.048	0.037	0.083	0.084	0.160	0.184	0.111
American Indian/Alaska Native	0.315	0.064	0.100	0.083	0.164	0.178	0.112	0.037	0.080	0.044	0.042	0.105	0.220	0.429	0.230	0.074
Academic track																
Academic ⁴	0.186	0.040	0.043	0.034	0.024	0.042	0.042	0.033	0.033	0.023	0.019	0.050	0.072	0.049	0.075	0.024
Vocational ⁵	0.369	0.131	0.121	0.086	0.120	0.100	0.116	0.069	0.091	0.018	0.026	0.042	0.062	0.337	0.249	0.220
Both ⁶	0.248	0.035	0.034	0.032	0.040	0.054	0.047	0.031	0.033	0.024	0.024	0.049	0.057	0.170	0.074	0.046
Neither ⁷	0.500	0.088	0.142	0.088	0.141	0.101	0.099	0.097	0.082	0.018	0.011	0.056	0.096	0.443	0.506	0.051

¹ Includes nonoccupational vocational education, vocational general introduction, agriculture, business, marketing, health, occupational home economics, trade and industry, and technical courses.

² Includes personal and social courses, religion and theology, and courses not included in the other subject fields.

³ Though shown separately here, computer-related courses are also included in the mathematics and vocational categories.

⁴ Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

⁵ Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

⁶ Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

⁷ Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey; and "High School Transcript Study," various years. (This table was prepared November 2002.)