

Career Technical Education and Labor Market Outcomes

Appendix: Full List of 4-Digit TOP Codes Estimates

Ann Stevens, Michal Kurlaender, Michel Grosz

September 5, 2017

In this document we provide the full list of estimates of the model with individual fixed effects and individual-specific trends described in “Career Technical Education and Labor Market Outcomes: Evidence from California Community Colleges.” Specifically, there are estimates at the “sub-discipline” level of the Taxonomy of Programs (TOP) code system, described in the text, which can be found in the California Community College Chancellor’s Office “Taxonomy of Programs” document, sixth edition. The estimates in the following table are sorted by their TOP code, not by size of program as in the main text of the paper. For each sub-discipline we provide up to four estimates, for the four types of degree and certificate lengths. In many cases there are fewer than four estimates for a subdiscipline, either because a program is not offered at any college for that combination (eg. AA/AS in Custodial Services) or because there are too few students who subscribe to produce an estimate.

Table 1: Full List of 4-Digit TOP Code Estimates

| | Type | Estimate | Std. Err. | Code |
|--|-------------|----------|-----------|------|
| <u>Agriculture/Natural Resources</u> | | | | |
| Agriculture Technology and Sciences, General | 30-59 Units | 0.246 | (0.03) | 101 |
| Agriculture Technology and Sciences, General | 6-17 Units | 0.18 | (0.16) | 101 |
| Agriculture Production, General | AA/AS | 0.342 | (0.05) | 102 |
| Agriculture Production, General | 30-59 Units | 0.18 | (0.18) | 102 |
| Agriculture Production, General | 6-17 Units | -0.0949 | (0.23) | 102 |
| Plant Science | AA/AS | 0.135 | (0.51) | 103 |
| Plant Science | 18-29 Units | 0.987 | (0.03) | 103 |
| Viticulture, Enology, and Wine Business | AA/AS | 0.273 | (0.20) | 104 |
| Viticulture, Enology, and Wine Business | 30-59 Units | 0.3 | (0.33) | 104 |
| Viticulture, Enology, and Wine Business | 18-29 Units | 0.188 | (0.22) | 104 |
| Horticulture | AA/AS | 0.275 | (0.10) | 109 |
| Horticulture | 30-59 Units | 0.361 | (0.12) | 109 |
| Horticulture | 18-29 Units | 0.179 | (0.09) | 109 |
| Horticulture | 6-17 Units | 0.122 | (0.13) | 109 |
| Agriculture Business, Sales and Service | 30-59 Units | 0.151 | (0.03) | 112 |
| Agriculture Business, Sales and Service | 18-29 Units | -0.0693 | (0.02) | 112 |
| Forestry | AA/AS | 0.35 | (0.21) | 114 |
| Forestry | 30-59 Units | 0.833 | (0.49) | 114 |
| Natural Resources | AA/AS | 0.511 | (0.22) | 115 |
| Natural Resources | 30-59 Units | 0.567 | (0.80) | 115 |
| Natural Resources | 18-29 Units | -0.119 | (0.27) | 115 |
| Agricultural Power Equipment Technology | AA/AS | 0.383 | (0.15) | 116 |
| Agricultural Power Equipment Technology | 30-59 Units | 0.485 | (0.45) | 116 |
| Agricultural Power Equipment Technology | 18-29 Units | 0.193 | (0.11) | 116 |
| Other Agriculture and Natural Resources | AA/AS | 0.113 | (0.23) | 199 |
| Other Agriculture and Natural Resources | 18-29 Units | 0.182 | (0.22) | 199 |
| Other Agriculture and Natural Resources | 6-17 Units | 0.0135 | (0.08) | 199 |
| <u>Business and Management</u> | | | | |
| Business and Commerce, General | AA/AS | 0.0637 | (0.03) | 501 |
| Business and Commerce, General | 30-59 Units | 0.0182 | (0.23) | 501 |
| Business and Commerce, General | 18-29 Units | 0.308 | (0.22) | 501 |
| Business and Commerce, General | 6-17 Units | 0.229 | (0.14) | 501 |
| Accounting | AA/AS | 0.153 | (0.03) | 502 |
| Accounting | 30-59 Units | 0.234 | (0.07) | 502 |
| Accounting | 18-29 Units | 0.273 | (0.04) | 502 |
| Accounting | 6-17 Units | 0.144 | (0.06) | 502 |
| Banking and Finance | AA/AS | 0.226 | (0.16) | 504 |
| Banking and Finance | 30-59 Units | 0.594 | (0.61) | 504 |
| Banking and Finance | 18-29 Units | -0.00869 | (0.17) | 504 |
| Banking and Finance | 6-17 Units | 0.0495 | (0.19) | 504 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|--|-------------|----------|-----------|------|
| Business Administration | AA/AS | -0.0241 | (0.02) | 505 |
| Business Administration | 30-59 Units | -0.245 | (0.12) | 505 |
| Business Administration | 18-29 Units | -0.158 | (0.22) | 505 |
| Business Administration | 6-17 Units | -0.197 | (0.01) | 505 |
| Business Management | AA/AS | 0.092 | (0.03) | 506 |
| Business Management | 30-59 Units | 0.0834 | (0.09) | 506 |
| Business Management | 18-29 Units | -0.0279 | (0.05) | 506 |
| Business Management | 6-17 Units | 0.013 | (0.06) | 506 |
| International Business and Trade | AA/AS | -0.143 | (0.15) | 508 |
| International Business and Trade | 30-59 Units | 0.604 | (0.71) | 508 |
| International Business and Trade | 18-29 Units | 0.129 | (0.29) | 508 |
| International Business and Trade | 6-17 Units | 0.284 | (0.27) | 508 |
| Marketing and Distribution | AA/AS | -0.00374 | (0.10) | 509 |
| Marketing and Distribution | 30-59 Units | 0.143 | (0.14) | 509 |
| Marketing and Distribution | 18-29 Units | -0.0542 | (0.15) | 509 |
| Marketing and Distribution | 6-17 Units | 0.165 | (0.17) | 509 |
| Logistics and Materials Transportation | AA/AS | 0.436 | (0.17) | 510 |
| Logistics and Materials Transportation | 18-29 Units | 0.126 | (0.09) | 510 |
| Logistics and Materials Transportation | 6-17 Units | 0.324 | (0.11) | 510 |
| Real Estate | AA/AS | 0.178 | (0.07) | 511 |
| Real Estate | 18-29 Units | 0.192 | (0.15) | 511 |
| Real Estate | 6-17 Units | -0.0206 | (0.12) | 511 |
| Office Technology/Office Computer Applications | AA/AS | 0.283 | (0.05) | 514 |
| Office Technology/Office Computer Applications | 30-59 Units | 0.448 | (0.09) | 514 |
| Office Technology/Office Computer Applications | 18-29 Units | 0.295 | (0.07) | 514 |
| Office Technology/Office Computer Applications | 6-17 Units | 0.283 | (0.04) | 514 |
| Labor and Industrial Relations | AA/AS | -0.0676 | (0.16) | 516 |
| Labor and Industrial Relations | 18-29 Units | 0.124 | (0.16) | 516 |
| Other Business and Management | AA/AS | -0.0459 | (0.10) | 599 |
| Other Business and Management | 18-29 Units | 0.0929 | (0.14) | 599 |
| Other Business and Management | 6-17 Units | -0.187 | (0.25) | 599 |
| <u>Media and Communications</u> | | | | |
| Media and Communications, General | 6-17 Units | 0.527 | (0.03) | 601 |
| Journalism | AA/AS | 0.0153 | (0.18) | 602 |
| Journalism | 30-59 Units | 0.919 | (0.24) | 602 |
| Radio, Motion Picture, and Television | AA/AS | 0.807 | (0.23) | 603 |
| Radio, Motion Picture, and Television | 30-59 Units | 0.0727 | (0.24) | 603 |
| Radio, Motion Picture, and Television | 6-17 Units | 0.285 | (0.20) | 603 |
| Radio and Television | AA/AS | -0.00992 | (0.09) | 604 |
| Radio and Television | 30-59 Units | 0.234 | (0.27) | 604 |
| Radio and Television | 18-29 Units | 0.0996 | (0.19) | 604 |
| Radio and Television | 6-17 Units | -0.212 | (0.17) | 604 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|--|-------------|----------|-----------|------|
| Audio/Visual Technician | 6-17 Units | 0.0946 | (0.04) | 605 |
| Technical Communication | AA/AS | 0.0684 | (0.03) | 607 |
| Technical Communication | 18-29 Units | -0.0223 | (0.16) | 607 |
| Technical Communication | 6-17 Units | 0.22 | (0.02) | 607 |
| Mass Communications | AA/AS | -0.288 | (0.52) | 610 |
| Film Studies | AA/AS | 0.344 | (0.19) | 612 |
| Film Studies | 30-59 Units | 0.306 | (0.25) | 612 |
| Film Studies | 18-29 Units | 0.233 | (0.51) | 612 |
| Film Studies | 6-17 Units | 0.32 | (0.35) | 612 |
| Digital Media | AA/AS | 0.0642 | (0.08) | 614 |
| Digital Media | 30-59 Units | 0.154 | (0.18) | 614 |
| Digital Media | 18-29 Units | 0.518 | (0.17) | 614 |
| Digital Media | 6-17 Units | 0.219 | (0.19) | 614 |
| <u>Information Technology</u> | | | | |
| Information Technology, General | AA/AS | 0.108 | (0.09) | 701 |
| Information Technology, General | 30-59 Units | -0.123 | (0.15) | 701 |
| Information Technology, General | 18-29 Units | -0.0685 | (0.13) | 701 |
| Information Technology, General | 6-17 Units | 0.121 | (0.05) | 701 |
| Computer Information Systems | AA/AS | 0.146 | (0.06) | 702 |
| Computer Information Systems | 30-59 Units | 0.12 | (0.16) | 702 |
| Computer Information Systems | 18-29 Units | 0.207 | (0.20) | 702 |
| Computer Information Systems | 6-17 Units | -0.0437 | (0.09) | 702 |
| Computer Software Development | AA/AS | -0.0426 | (0.09) | 707 |
| Computer Software Development | 30-59 Units | 0.107 | (0.13) | 707 |
| Computer Software Development | 18-29 Units | 0.0319 | (0.15) | 707 |
| Computer Software Development | 6-17 Units | 0.0195 | (0.07) | 707 |
| Computer Infrastructure and Support | AA/AS | 0.121 | (0.07) | 708 |
| Computer Infrastructure and Support | 30-59 Units | 0.157 | (0.12) | 708 |
| Computer Infrastructure and Support | 18-29 Units | 0.16 | (0.09) | 708 |
| Computer Infrastructure and Support | 6-17 Units | 0.142 | (0.09) | 708 |
| World Wide Web Administration | AA/AS | -0.0172 | (0.44) | 709 |
| World Wide Web Administration | 30-59 Units | 0.723 | (0.50) | 709 |
| World Wide Web Administration | 18-29 Units | 0.154 | (0.39) | 709 |
| World Wide Web Administration | 6-17 Units | 0.181 | (0.48) | 709 |
| Other Information Technology | AA/AS | 0.031 | (0.11) | 799 |
| Other Information Technology | 30-59 Units | -0.0868 | (0.32) | 799 |
| Other Information Technology | 18-29 Units | -0.0837 | (0.18) | 799 |
| Other Information Technology | 6-17 Units | 0.19 | (0.08) | 799 |
| <u>Engineering and Industrial Technology</u> | | | | |
| Engineering Technology, General | AA/AS | 0.208 | (0.18) | 924 |
| Engineering Technology, General | 18-29 Units | 0.48 | (0.41) | 924 |
| Engineering Technology, General | 6-17 Units | -0.0797 | (0.01) | 924 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|---|-------------|----------|-----------|------|
| Electronics and Electric Technology | AA/AS | 0.186 | (0.05) | 934 |
| Electronics and Electric Technology | 30-59 Units | 0.111 | (0.04) | 934 |
| Electronics and Electric Technology | 18-29 Units | 0.0448 | (0.05) | 934 |
| Electronics and Electric Technology | 6-17 Units | 0.137 | (0.06) | 934 |
| Electro-Mechanical Technology | 30-59 Units | 0.187 | (0.17) | 935 |
| Electro-Mechanical Technology | 6-17 Units | 0.339 | (0.27) | 935 |
| Printing and Lithography | AA/AS | 0.781 | (0.14) | 936 |
| Printing and Lithography | 30-59 Units | -0.191 | (0.25) | 936 |
| Printing and Lithography | 18-29 Units | 0.276 | (0.26) | 936 |
| Printing and Lithography | 6-17 Units | 0.33 | (0.12) | 936 |
| Instrumentation Technology | AA/AS | 0.305 | (0.20) | 943 |
| Instrumentation Technology | 6-17 Units | 0.169 | (0.01) | 943 |
| Industrial Systems Technology and Maintenance | AA/AS | 0.24 | (0.25) | 945 |
| Industrial Systems Technology and Maintenance | 30-59 Units | 0.268 | (0.08) | 945 |
| Industrial Systems Technology and Maintenance | 18-29 Units | 0.224 | (0.17) | 945 |
| Environmental Control Technology (HVAC) | AA/AS | 0.203 | (0.09) | 946 |
| Environmental Control Technology (HVAC) | 30-59 Units | 0.0677 | (0.05) | 946 |
| Environmental Control Technology (HVAC) | 18-29 Units | 0.104 | (0.06) | 946 |
| Environmental Control Technology (HVAC) | 6-17 Units | 0.264 | (0.10) | 946 |
| Diesel Technology | AA/AS | 0.228 | (0.07) | 947 |
| Diesel Technology | 30-59 Units | 0.247 | (0.08) | 947 |
| Diesel Technology | 18-29 Units | 0.241 | (0.10) | 947 |
| Diesel Technology | 6-17 Units | 0.991 | (0.78) | 947 |
| Automotive Technology | AA/AS | 0.146 | (0.03) | 948 |
| Automotive Technology | 30-59 Units | 0.211 | (0.04) | 948 |
| Automotive Technology | 18-29 Units | 0.162 | (0.05) | 948 |
| Automotive Technology | 6-17 Units | 0.155 | (0.04) | 948 |
| Automotive Collision Repair | AA/AS | 0.103 | (0.17) | 949 |
| Automotive Collision Repair | 30-59 Units | 0.177 | (0.09) | 949 |
| Automotive Collision Repair | 18-29 Units | 0.512 | (0.16) | 949 |
| Automotive Collision Repair | 6-17 Units | 0.262 | (0.09) | 949 |
| Aeronautical and Aviation Technology | AA/AS | 0.0738 | (0.09) | 950 |
| Aeronautical and Aviation Technology | 30-59 Units | 0.234 | (0.06) | 950 |
| Aeronautical and Aviation Technology | 18-29 Units | 0.367 | (0.15) | 950 |
| Aeronautical and Aviation Technology | 6-17 Units | 0.63 | (0.21) | 950 |
| Construction Crafts Technology | AA/AS | 0.303 | (0.08) | 952 |
| Construction Crafts Technology | 30-59 Units | 0.0442 | (0.03) | 952 |
| Construction Crafts Technology | 18-29 Units | -0.0891 | (0.04) | 952 |
| Construction Crafts Technology | 6-17 Units | 0.0347 | (0.08) | 952 |
| Drafting Technology | AA/AS | 0.217 | (0.08) | 953 |
| Drafting Technology | 30-59 Units | 0.103 | (0.17) | 953 |
| Drafting Technology | 18-29 Units | 0.0958 | (0.08) | 953 |
| Drafting Technology | 6-17 Units | 0.226 | (0.07) | 953 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|---|-------------|----------|-----------|------|
| Chemical Technology | AA/AS | 0.242 | (0.10) | 954 |
| Chemical Technology | 6-17 Units | 0.658 | (0.18) | 954 |
| Laboratory Science Technology | AA/AS | 0.451 | (0.13) | 955 |
| Laboratory Science Technology | 30-59 Units | -0.0763 | (0.10) | 955 |
| Laboratory Science Technology | 18-29 Units | 0.465 | (0.01) | 955 |
| Manufacturing and Industrial Technology | AA/AS | 0.164 | (0.07) | 956 |
| Manufacturing and Industrial Technology | 30-59 Units | 0.177 | (0.04) | 956 |
| Manufacturing and Industrial Technology | 18-29 Units | 0.166 | (0.06) | 956 |
| Manufacturing and Industrial Technology | 6-17 Units | 0.105 | (0.03) | 956 |
| Civil and Construction Management Technology | AA/AS | 0.302 | (0.09) | 957 |
| Civil and Construction Management Technology | 30-59 Units | 0.451 | (0.07) | 957 |
| Civil and Construction Management Technology | 18-29 Units | -0.214 | (0.06) | 957 |
| Civil and Construction Management Technology | 6-17 Units | 0.154 | (0.08) | 957 |
| Water and Wastewater Technology | AA/AS | 0.000615 | (0.10) | 958 |
| Water and Wastewater Technology | 30-59 Units | 0.227 | (0.14) | 958 |
| Water and Wastewater Technology | 18-29 Units | 0.0905 | (0.05) | 958 |
| Water and Wastewater Technology | 6-17 Units | 0.491 | (0.49) | 958 |
| Marine Technology | AA/AS | 0.942 | (0.43) | 959 |
| Marine Technology | 30-59 Units | -0.059 | (0.18) | 959 |
| Other Engineering and Related Industrial Technologies | AA/AS | 0.333 | (0.21) | 999 |
| Other Engineering and Related Industrial Technologies | 30-59 Units | 0.0789 | (0.16) | 999 |
| Other Engineering and Related Industrial Technologies | 18-29 Units | -0.129 | (0.19) | 999 |
| Other Engineering and Related Industrial Technologies | 6-17 Units | 0.35 | (0.13) | 999 |
| <u>Fine/Applied Arts</u> | | | | |
| Music | AA/AS | -0.251 | (0.32) | 1004 |
| Music | 6-17 Units | 0.121 | (0.01) | 1004 |
| Commercial Music | AA/AS | 0.0979 | (0.14) | 1005 |
| Commercial Music | 30-59 Units | 0.339 | (0.08) | 1005 |
| Commercial Music | 18-29 Units | -0.219 | (0.17) | 1005 |
| Commercial Music | 6-17 Units | -0.13 | (0.17) | 1005 |
| Technical Theater | AA/AS | -0.026 | (0.45) | 1006 |
| Technical Theater | 18-29 Units | -0.28 | (0.41) | 1006 |
| Technical Theater | 6-17 Units | -0.139 | (0.44) | 1006 |
| Dramatic Arts | AA/AS | -0.0831 | (0.88) | 1007 |
| Dance | 30-59 Units | 0.327 | (0.01) | 1008 |
| Applied Design | AA/AS | -0.148 | (0.17) | 1009 |
| Applied Design | 6-17 Units | 0.101 | (0.08) | 1009 |
| Photography | AA/AS | 0.609 | (0.54) | 1011 |
| Photography | 6-17 Units | 0.157 | (0.01) | 1011 |
| Applied Photography | AA/AS | 0.0942 | (0.17) | 1012 |
| Applied Photography | 30-59 Units | 0.351 | (0.41) | 1012 |
| Applied Photography | 18-29 Units | 0.403 | (0.25) | 1012 |
| Applied Photography | 6-17 Units | 0.934 | (0.55) | 1012 |
| Commercial Art | AA/AS | -0.222 | (0.35) | 1013 |
| Commercial Art | 18-29 Units | -0.0972 | (0.05) | 1013 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|---|-------------|----------|-----------|------|
| Graphic Art and Design | AA/AS | 0.176 | (0.09) | 1030 |
| Graphic Art and Design | 30-59 Units | 0.195 | (0.11) | 1030 |
| Graphic Art and Design | 18-29 Units | 0.418 | (0.23) | 1030 |
| Graphic Art and Design | 6-17 Units | 0.129 | (0.25) | 1030 |
| Other Fine and Applied Arts | AA/AS | 0.337 | (0.62) | 1099 |
| Other Fine and Applied Arts | 30-59 Units | -0.0184 | (0.11) | 1099 |
| Other Fine and Applied Arts | 6-17 Units | 0.456 | (0.44) | 1099 |
| <u>Health</u> | | | | |
| Health Occupations, General | AA/AS | -0.00432 | (0.37) | 1201 |
| Health Occupations, General | 6-17 Units | 0.112 | (0.18) | 1201 |
| Medical Laboratory Technology | AA/AS | 0.627 | (0.39) | 1205 |
| Medical Laboratory Technology | 6-17 Units | 0.261 | (0.18) | 1205 |
| Physicians Assistant | AA/AS | 0.623 | (0.15) | 1206 |
| Physicians Assistant | 18-29 Units | 0.769 | (0.09) | 1206 |
| Electro-Diagnostic Technology | 6-17 Units | 0.147 | (0.22) | 1207 |
| Medical Assisting | AA/AS | 0.137 | (0.10) | 1208 |
| Medical Assisting | 30-59 Units | 0.343 | (0.07) | 1208 |
| Medical Assisting | 18-29 Units | 0.286 | (0.07) | 1208 |
| Medical Assisting | 6-17 Units | 0.243 | (0.07) | 1208 |
| Hospital Central Service Technician | 6-17 Units | 0.143 | (0.08) | 1209 |
| Respiratory Care/Therapy | AA/AS | 0.833 | (0.04) | 1210 |
| Cardiovascular Technician | AA/AS | 0.643 | (0.12) | 1213 |
| Cardiovascular Technician | 30-59 Units | 0.603 | (0.15) | 1213 |
| Cardiovascular Technician | 18-29 Units | 0.295 | (0.12) | 1213 |
| Cardiovascular Technician | 6-17 Units | 0.253 | (0.09) | 1213 |
| Orthopedic Assistant | 18-29 Units | -0.0554 | (0.29) | 1214 |
| Electrocardiography | 30-59 Units | 0.271 | (0.21) | 1215 |
| Surgical Technician | AA/AS | 0.356 | (0.33) | 1217 |
| Surgical Technician | 30-59 Units | 0.463 | (0.10) | 1217 |
| Occupational Therapy Technology | AA/AS | 0.692 | (0.18) | 1218 |
| Speech/Language Pathology and Audiology | AA/AS | 0.485 | (0.21) | 1220 |
| Speech/Language Pathology and Audiology | 30-59 Units | 0.57 | (0.24) | 1220 |
| Pharmacy Technology | AA/AS | 0.383 | (0.13) | 1221 |
| Pharmacy Technology | 30-59 Units | 0.0493 | (0.19) | 1221 |
| Pharmacy Technology | 18-29 Units | 0.239 | (0.16) | 1221 |
| Pharmacy Technology | 6-17 Units | 0.071 | (0.11) | 1221 |
| Physical Therapy Assistant | AA/AS | 0.416 | (0.09) | 1222 |
| Physical Therapy Assistant | 6-17 Units | 0.836 | (0.01) | 1222 |
| Health Information Technology | AA/AS | 0.167 | (0.06) | 1223 |
| Health Information Technology | 30-59 Units | 0.204 | (0.06) | 1223 |
| Health Information Technology | 18-29 Units | 0.0148 | (0.05) | 1223 |
| Health Information Technology | 6-17 Units | 0.0584 | (0.11) | 1223 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|--|-------------|----------|-----------|------|
| Radiologic Technology | AA/AS | 0.786 | (0.04) | 1225 |
| Radiologic Technology | 30-59 Units | 0.608 | (0.14) | 1225 |
| Radiologic Technology | 6-17 Units | -0.00207 | (0.03) | 1225 |
| Radiation Therapy Technician | AA/AS | 0.307 | (0.09) | 1226 |
| Diagnostic Medical Sonography | AA/AS | 0.48 | (0.17) | 1227 |
| Diagnostic Medical Sonography | 30-59 Units | 0.113 | (0.09) | 1227 |
| Athletic Training and Sports Medicine | AA/AS | 0.0828 | (0.25) | 1228 |
| Athletic Training and Sports Medicine | 18-29 Units | 0.507 | (0.01) | 1228 |
| Nursing | AA/AS | 0.699 | (0.01) | 1230 |
| Nursing | 30-59 Units | 0.642 | (0.03) | 1230 |
| Nursing | 18-29 Units | 0.481 | (0.21) | 1230 |
| Nursing | 6-17 Units | 0.0497 | (0.03) | 1230 |
| Psychiatric Technician | AA/AS | 0.135 | (0.09) | 1239 |
| Psychiatric Technician | 30-59 Units | 0.239 | (0.03) | 1239 |
| Dental Occupations | 30-59 Units | 0.4 | (0.04) | 1240 |
| Dental Occupations | 18-29 Units | 0.27 | (0.05) | 1240 |
| Emergency Medical Services | AA/AS | 0.462 | (0.13) | 1250 |
| Emergency Medical Services | 30-59 Units | 0.374 | (0.06) | 1250 |
| Emergency Medical Services | 6-17 Units | 0.0646 | (0.03) | 1250 |
| Paramedic | AA/AS | 0.442 | (0.10) | 1251 |
| Paramedic | 30-59 Units | 0.242 | (0.04) | 1251 |
| Paramedic | 18-29 Units | 0.0216 | (0.14) | 1251 |
| Paramedic | 6-17 Units | 0.27 | (0.09) | 1251 |
| Mortuary Science | AA/AS | 0.169 | (0.09) | 1255 |
| Mortuary Science | 30-59 Units | 0.297 | (0.09) | 1255 |
| Health Professions, Transfer Core Curriculum | AA/AS | 0.0573 | (0.09) | 1260 |
| Health Professions, Transfer Core Curriculum | 6-17 Units | 0.0848 | (0.08) | 1260 |
| Other Health Occupations | AA/AS | 0.0291 | (0.72) | 1299 |
| Other Health Occupations | 18-29 Units | -0.279 | (0.23) | 1299 |
| Other Health Occupations | 6-17 Units | 0.0766 | (0.07) | 1299 |
| <u>Family and Consumer Sciences</u> | | | | |
| Family and Consumer Sciences, General | AA/AS | 0.712 | (0.19) | 1301 |
| Family and Consumer Sciences, General | 6-17 Units | 0.822 | (0.24) | 1301 |
| Interior Design and Merchandising | AA/AS | 0.216 | (0.11) | 1302 |
| Interior Design and Merchandising | 30-59 Units | 0.235 | (0.12) | 1302 |
| Interior Design and Merchandising | 18-29 Units | -0.016 | (0.25) | 1302 |
| Interior Design and Merchandising | 6-17 Units | -0.3 | (0.71) | 1302 |
| Fashion | AA/AS | 0.145 | (0.11) | 1303 |
| Fashion | 30-59 Units | 0.419 | (0.09) | 1303 |
| Fashion | 18-29 Units | 0.494 | (0.29) | 1303 |
| Fashion | 6-17 Units | 0.0687 | (0.23) | 1303 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|--|---------------|----------|-----------|------|
| Child Development/Early Care and Education | AA/AS | 0.127 | (0.02) | 1305 |
| Child Development/Early Care and Education | 30-59 Units | 0.204 | (0.06) | 1305 |
| Child Development/Early Care and Education | 18-29 Units | 0.151 | (0.04) | 1305 |
| Child Development/Early Care and Education | 6-17 Units | 0.114 | (0.02) | 1305 |
| Nutrition, Foods, and Culinary Arts | AA/AS | 0.105 | (0.07) | 1306 |
| Nutrition, Foods, and Culinary Arts | 30-59 Units | 0.22 | (0.04) | 1306 |
| Nutrition, Foods, and Culinary Arts | 18-29 Units | 0.0443 | (0.05) | 1306 |
| Nutrition, Foods, and Culinary Arts | 6-17 Units | 0.112 | (0.04) | 1306 |
| Hospitality | AA/AS | 0.0959 | (0.11) | 1307 |
| Hospitality | 30-59 Units | 0.0457 | (0.10) | 1307 |
| Hospitality | 18-29 Units | 0.547 | (0.22) | 1307 |
| Hospitality | 6-17 Units | -0.197 | (0.17) | 1307 |
| Family Studies | AA/AS | 0.389 | (0.29) | 1308 |
| Family Studies | 30-59 Units | 0.0443 | (0.10) | 1308 |
| Gerontology | AA/AS | 0.00874 | (0.17) | 1309 |
| Gerontology | 30-59 Units | 0.375 | (0.19) | 1309 |
| Gerontology | 18-29 Units | 0.237 | (0.20) | 1309 |
| <u>Law</u> | | | | |
| Law, General | AA/AS | 0.119 | (0.36) | 1401 |
| Paralegal | AA/AS | 0.115 | (0.04) | 1402 |
| Paralegal | 30-59 Units | 0.00177 | (0.05) | 1402 |
| Paralegal | 18-29 Units | -0.00505 | (0.05) | 1402 |
| <u>Public and Protective Services</u> | | | | |
| Public Administration | AA/AS | 0.039 | (0.18) | 2102 |
| Public Administration | 30-59 Units | -0.137 | (0.13) | 2102 |
| Public Administration | 18-29 Units | -0.00295 | (0.06) | 2102 |
| Public Administration | 6-17 Units | 0.0439 | (0.01) | 2102 |
| Human Services | AA/AS | 0.278 | (0.05) | 2104 |
| Human Services | 30-59 Units | 0.155 | (0.04) | 2104 |
| Human Services | 18-29 Units | 0.236 | (0.08) | 2104 |
| Human Services | 6-17 Units | -0.0266 | (0.05) | 2104 |
| Administration of Justice | AA/AS | 0.136 | (0.02) | 2105 |
| Administration of Justice | 30-59 Units | 0.187 | (0.02) | 2105 |
| Administration of Justice | 18-29 Units | 0.197 | (0.01) | 2105 |
| Administration of Justice | 6-17 Units | 0.136 | (0.01) | 2105 |
| Fire Technology | AA/AS | 0.142 | (0.03) | 2133 |
| Fire Technology | 30-59 Units | 0.0848 | (0.05) | 2133 |
| Fire Technology | 18-29 Units | 0.192 | (0.04) | 2133 |
| Fire Technology | 6-17 Units | 0.165 | (0.03) | 2133 |
| Legal and Community Interpretation | AA/AS | 0.538 | (0.12) | 2140 |
| Legal and Community Interpretation | 18-29 Units | 0.419 | (0.29) | 2140 |
| Legal and Community Interpretation | 6-17 Units | 0.395 | (0.20) | 2140 |
| Other Public and Protective Services | AA/AS | 0.978 | (0.46) | 2199 |
| Other Public and Protective Services | 9 18-29 Units | 0.134 | (0.28) | 2199 |
| Other Public and Protective Services | 6-17 Units | -0.189 | (0.26) | 2199 |

Table 1: Full List of 4-Digit TOP Code Estimates (cont.)

| | Type | Estimate | Std. Err. | Code |
|--|-------------|----------|-----------|------|
| <u>Commercial Services</u> | | | | |
| Custodial Services | 6-17 Units | 0.339 | (0.24) | 3005 |
| Cosmetology and Barbering | AA/AS | 0.13 | (0.13) | 3007 |
| Cosmetology and Barbering | 30-59 Units | 0.197 | (0.02) | 3007 |
| Cosmetology and Barbering | 18-29 Units | 0.189 | (0.05) | 3007 |
| Cosmetology and Barbering | 6-17 Units | 0.106 | (0.07) | 3007 |
| Travel Services and Tourism | AA/AS | -0.0922 | (0.11) | 3009 |
| Travel Services and Tourism | 30-59 Units | 0.34 | (0.13) | 3009 |
| Travel Services and Tourism | 18-29 Units | 0.165 | (0.17) | 3009 |
| Travel Services and Tourism | 6-17 Units | 0.123 | (0.19) | 3009 |
| Aviation and Airport Management and Services | AA/AS | -0.217 | (0.09) | 3020 |
| Aviation and Airport Management and Services | 30-59 Units | 0.0393 | (0.35) | 3020 |
| Aviation and Airport Management and Services | 6-17 Units | 0.405 | (0.28) | 3020 |
| Other Commercial Services | 6-17 Units | 0.482 | (0.15) | 3099 |