O*NET® Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Final Report

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Introduction

The Occupational Information Network (O*NET) is a comprehensive system developed by the U.S. Department of Labor that provides information for over 1,100 occupations within the U.S. economy. This information is maintained in a comprehensive database that was developed to replace the Dictionary of Occupational Titles (DOT) (U.S. Department of Labor, 1991). In order to keep the database current, the National Center for O*NET Development is involved in a continual data collection process aimed at identifying and maintaining current information on the characteristics of workers and jobs. The information that populates the O*NET database is collected from three primary sources: incumbents, occupational experts, and occupational analysts. Targeted job incumbents provide ratings on occupational tasks, generalized work activities (GWAs), knowledge, education and training, work styles, and work context areas. Importance and level information regarding the abilities and skills associated with these occupations is being collected from occupational analysts. It should be noted that there are theoretical or philosophical reasons for preferring one rater group to the other for collecting different types of data. For example, incumbents are generally more familiar with the day-to-day duties of their job; therefore, they are the best source of information regarding tasks and GWAs. In contrast, it is likely that trained analysts understand the ability and skill constructs better than incumbents and therefore should provide the ability and skill data (Tsacoumis, 2007). Granted, it is imperative that the occupational analysts have detailed occupation information in order to rate the ability and skill constructs. It has also been suggested that some incumbents deliberately inflate their ratings to influence policy decisions regarding, for example, compensation and training (Morgeson, Delaney-Klinger, Mayfield, Ferrara, & Campion, 2004). Skill ratings may be particularly vulnerable to such effects given that they are more abstract and thus more difficult to verify than more observable descriptors such as job tasks (Morgeson & Campion, 1997; Morgeson et al., 2004). Given these considerations, occupational analysts as opposed to incumbents provide the ability and skill information in the O*NET database.

This report focuses on results pertaining to the skill ratings only. Skills reflect proficiencies or competencies that are developed through training or experience (Peterson et al., 2001). The 35 O*NET skills cover performance applicable to a broad range of jobs in the world's economy and are grouped into seven categories within the O*NET content model: content, process, social, complex problem solving, technical, systems, and resource management.

To facilitate the skill rating process, occupational analysts are provided relevant occupational information. Trained occupational analysts are responsible for rating the importance and level of the 35 skills for each of the O*NET occupations. More specifically, eight trained occupational analysts provided ratings for each occupation. For a description of the entire analyst data collection process, including the preparation and distribution of the occupational data, the steps associated with the ratings process, and the collection and management of the skill ratings, see *O*NET Analyst Ratings of Occupational Skills: Procedures Update* (Fleisher & Tsacoumis, 2012).

To ensure a controlled data collection and management process, occupational data are being collected in groups or "analysis cycles." This report describes the results from the data collection process for the 20th analysis cycle of 100 occupations. Reports describing each of the previous cycles are available at http://www.onetcenter.org/research.html. Results for subsequent cycles

will be reported in separate reports. For a description of the O*NET Data Collection Publication Schedule see http://www.onetcenter.org/dataPublication.html. Appendix A includes a listing of the IDI codes and Occupational Titles addressed in Cycle 20.

Evaluation of Cycle 20 Analyst Ratings

As mentioned above, occupational analysts provided ratings on the importance and level of the 35 skills for each of the 100 occupations in Cycle 20. The mean, standard deviation, and standard error of the mean (SE_M) of the importance and level ratings were computed. These results are shown in Appendix B.

Four sets of analyses were performed to evaluate the ratings that occupational analysts provided. First, we focused on identifying the data that may be difficult to interpret based on limited agreement among raters or because there is an indication that the skill level rating is not relevant for a specific occupation. Thus, a set of recommended suppression criteria was established which flagged: (a) a skill level rating as not relevant to an occupation because of low importance ratings, (b) a skill with too little agreement in importance ratings across raters for a particular occupation, and (c) a skill with too little agreement in level ratings across raters for a particular occupation.

The remaining three sets of analyses focused on computing measures of interrater agreement and interrater reliability. Poor agreement as indicated by low reliability estimates may suggest that there is confusion about the constructs, potentially due to either the nature of the construct definition or rater training. Specifically, the second analysis involved estimating interrater agreement among the eight raters in each rating group. Next, the interrater reliability of the raters was computed to determine the extent to which raters agreed about the order of and relative distance between constructs on a particular scale (i.e., importance or level) within a particular occupation. That is, this analysis provides information regarding the consistency across raters in terms of how they rate the required level or relative importance of the 35 skill constructs to performance in a particular occupation. Finally, another interrater reliability estimate was computed to examine the consistency of ratings across occupations within constructs. In other words, this type of interrater reliability focused on the extent to which raters agree about the order of and relative distance between occupations on a particular scale for a particular construct.

Cycle 20 Recommended Data Flags

Three distinct criteria were established to flag the skill data. All three flags affect the presentation of data within the publicly available O*NET Online (online.onetcenter.org). First, the level rating of a skill was flagged as not relevant for a particular occupation if two or fewer of the eight occupational analysts rated its importance as two or greater. Thus, the level rating of a skill is considered not relevant when that construct is not important for performance in a particular occupation. For example, in the Cycle 20 data, the level ratings for Operations Analysis were considered not relevant for Gaming Dealers (01354.03.1) and Locksmiths and Safe Repairers (00756.03.1) because Operations Analysis was not considered important for performance in these two occupations. In this cycle, there were 468 not relevant flags (see Table 1 for the number of not relevant flags across the past 10 cycles). To facilitate interpretation of these results, it should be noted that there are 3,500 sets of ratings (100 occupations x 35 skills) in the current cycle. Given this, 13.37% (468/3,500) of the skill ratings were flagged as not relevant. The average percentage of skill ratings flagged as not relevant across the previous 19 cycles is 13.40% (SD = 3.84%); thus, the percentage of ratings flagged due to this criterion in the current cycle was quite similar to the average cycle.

The skills with the most flags in Cycle 20 include Installation ($n = 88$), Repairing ($n = 70$), and Equipment Maintenance ($n = 69$). Each of these skills has received large numbers of flags in previous cycles. Given that these constructs capture fairly specific technical proficiencies intuitively not required for many occupations, these results are not surprising. In Cycle 11, there was a drastic increase in the number of flags associated with Operations Analysis. In addition, there was a reasonable increase in the flags for Science. Cycle 12 demonstrated a marked reduction in this trend for both of these skills. That trend has continued into the current cycle.

The remaining two criteria involve the recommended suppression of identifying any skill importance or level mean rating that had an SE_M greater than 0.51. These criteria were established to capture those ratings deemed to have insufficient agreement across raters. The value of 0.51 was selected because $1.00/1.96 = 0.51$. An SE_M greater than 0.51 means that the upper and lower bounds of the confidence interval are more than one scale point away from the observed mean. There were no instances in Cycle 20 where the mean importance rating was flagged for insufficient agreement. In fact, no importance ratings received flags for an SE_M greater than 0.51 since Cycle 3.

The results of the suppression criteria for level for the past 10 cycles (Cycles 11-20) are presented in Table 2. There was one insufficient agreement flag for level ratings in Cycle 20 (0.03% of the total) involving the construct Operations Analysis. No other constructs were flagged for the level criterion. Cycle 20 had the lowest number and percent of occupations flagged across all cycles to date. These findings indicate a relatively high level of agreement among the occupational analysts, suggesting that the analysts have a uniform understanding of the constructs vis-à-vis the occupations examined this cycle. The detailed results of the recommended data flags and suppression criteria are depicted by the shaded cells in the results presented in Appendix B.

Cycle 20 Interrater Agreement

Interrater agreement was assessed to determine the level of absolute agreement among the occupational analysts in ratings within a construct for a particular occupation. Measures of interrater agreement index the extent to which the eight raters provided the same rating regarding the level of a skill (e.g., Reading Comprehension) required to perform within a particular occupation. To examine agreement, we calculated the standard deviation (SD) of ratings across occupational analysts for a given construct and scale for each occupation and the SE_M of these ratings. For both indices, lower values indicate greater agreement, and vice versa.

A summary of these results is shown in Appendix C. The columns labeled "Mean of Ms" show the mean of the occupational analyst mean importance and level ratings across the 35 skills for each occupation. The columns labeled "Median of SDs" show the median of the SDs associated with each mean importance and level rating across the 35 skills for each occupation. Finally, the columns labeled "Median of SE_Ms" show the median of the SE_Ms associated with each mean importance and level rating across the 35 skills for each occupation.

Table 1. Number of Times Skill Level Flagged as Not Relevant

Element Name	Cycle 11 (N = 120)	Cycle 12 (N = 107)	Cycle 13 (N = 108)	Cycle 14 (N = 106)	Cycle 15 (N = 126)	Cycle 16 (N = 102)	Cycle 17 (N = 116)	Cycle 18 (N = 110)	Cycle 19 (N = 90)	Cycle 20 (N = 100)
Reading Comprehension	0	0	0	0	0	0	0	0	0	0
Active Listening	0	0	0	0	0	0	0	0	0	0
Writing	0	0	0	0	0	0	0	0	0	0
Speaking	0	0	0	0	0	0	0	0	0	0
Mathematics	0	2	0	1	1	0	0	1	0	1
Science	43	27	23	26	26	33	33	38	29	29
Critical Thinking	0	0	0	0	0	0	0	0	0	0
Active Learning	0	0	0	0	0	0	0	0	0	0
Learning Strategies	0	0	0	0	0	0	0	0	0	0
Monitoring	0	0	0	0	0	0	0	0	0	0
Social Perceptiveness	0	0	0	0	0	0	0	0	0	0
Coordination	0	0	0	0	0	0	0	0	0	0
Persuasion	0	0	0	0	0	0	0	0	0	0
Negotiation	0	0	0	0	0	0	0	0	0	0
Instructing	0	0	0	0	0	0	2	1	0	0
Service Orientation	0	0	0	0	0	0	0	0	0	0
Complex Problem Solving	0	0	0	0	0	0	0	0	0	0
Operations Analysis	62	13	10	5	19	8	10	17	21	13
Technology Design	16	29	8	8	14	10	14	15	12	8
Equipment Selection	67	73	58	45	58	32	50	47	45	59
Installation	100	96	96	80	105	70	90	88	72	88
Programming	25	38	22	27	30	34	30	28	27	23
Quality Control Analysis	15	21	6	6	8	3	5	8	8	9
Operations Monitoring	1	12	2	2	0	1	2	1	0	5
Operation and Control	38	53	31	20	28	15	19	24	29	44
Equipment Maintenance	78	81	73	56	71	36	56	52	55	69
Troubleshooting	31	50	28	17	30	16	23	21	23	37
Repairing	83	82	75	59	73	40	59	55	55	70
Systems Analysis	1	1	0	0	0	0	0	0	0	0
Systems Evaluation	0	0	0	1	0	0	0	0	0	0
Judg. and Dec. Making	0	0	0	0	0	0	0	0	0	0
Time Management	0	0	0	0	0	0	0	0	0	0
M. of Financial Resources	22	17	9	13	9	9	7	8	7	9
M. of Material Resources	12	8	6	9	7	2	5	5	5	4
M. of Personnel Resources	0	0	0	1	0	0	1	0	0	0
Total Flags out of all possible ratings	14.10% (594/4200)	16.10% (603/3745)	11.80% (447/3780)	10.10% (376/3710)	10.86% (479/4410)	8.66% (309/3570)	10.00% (406/4060)	10.62% (409/3850)	12.32% (388/3150)	13.37% (468/3500)

Table 2. Level Flags Due to Large SEM

Element Name	Cycle 11 (N = 120)	Cycle 12 (N = 107)	Cycle 13 (N = 108)	Cycle 14 (N = 106)	Cycle 15 (N = 126)	Cycle 16 (N = 102)	Cycle 17 (N = 116)	Cycle 18 (N = 110)	Cycle 19 (N = 90)	Cycle 20 (N = 100)
Reading Comprehension	0	0	0	0	0	0	0	0	0	0
Active Listening	0	0	0	0	0	0	0	0	0	0
Writing	0	0	0	0	0	0	0	0	0	0
Speaking	0	0	0	0	0	0	0	0	0	0
Mathematics	5	0	0	0	1	0	0	0	0	0
Science	16	8	17	3	2	2	0	0	1	0
Critical Thinking	0	0	0	0	0	0	0	0	0	0
Active Learning	0	0	0	0	0	0	0	0	0	0
Learning Strategies	0	0	0	0	0	0	0	0	0	0
Monitoring	0	0	1	0	0	0	0	0	0	0
Social Perceptiveness	0	0	0	0	0	0	0	0	0	0
Coordination	0	0	0	0	0	0	0	0	0	0
Persuasion	6	0	1	0	0	0	0	0	0	0
Negotiation	0	0	1	0	0	0	0	0	0	0
Instructing	0	0	0	0	0	0	0	0	0	0
Service Orientation	3	0	0	0	0	0	0	0	0	0
Complex Problem Solving	0	0	1	0	1	0	0	0	0	0
Operations Analysis	35	13	35	12	11	6	6	2	1	1
Technology Design	22	7	14	5	5	3	2	0	1	0
Equipment Selection	15	4	8	6	2	2	0	0	3	0
Installation	16	3	4	5	2	2	3	1	1	0
Programming	20	9	15	10	4	2	0	1	0	0
Quality Control Analysis	14	12	12	4	5	3	0	2	3	0
Operations Monitoring	3	1	0	0	0	0	0	0	0	0
Operation and Control	5	4	0	1	1	1	0	0	1	0
Equipment Maintenance	2	2	1	0	0	0	1	1	0	0
Troubleshooting	3	1	4	1	1	1	1	0	0	0
Repairing	1	1	0	1	1	0	0	0	0	0
Systems Analysis	2	2	1	0	0	0	0	0	0	0
Systems Evaluation	3	1	1	0	0	0	0	0	0	0
Judg. and Dec. Making	0	0	0	0	0	0	0	0	0	0
Time Management	0	0	0	0	0	0	0	0	0	0
M. of Financial Resources	7	1	7	1	4	1	0	1	1	0
M. of Material Resources	3	2	7	1	3	0	0	0	0	0
M. of Personnel Resources	1	0	0	0	0	1	0	0	0	0
Total Flags out of all possible ratings	4.30% (182/4200)	1.90% (71/3745)	3.40% (130/3780)	1.30% (50/3710)	0.98% (43/4410)	0.67% (24/3570)	0.32% (13/4060)	0.21% (8/3850)	0.38% (12/3150)	0.03% (1/3500)

The importance ratings across all occupations had a median *SD* of 0.35 and a median SE_M of 0.13. The level ratings across occupations had a median *SD* of 0.46 and a median SE_M of 0.16. Overall, the results indicate that the ratings made by the occupational analysts were quite consistent for both the importance and level scales.

Cycle 20 Interrater Reliability: Across Constructs within Occupations

To examine the interrater reliability of the Cycle 20 ratings we calculated intraclass correlations (*ICC*[C, *k*]; McGraw & Wong, 1996) among the occupational analysts' ratings to assess consistency across constructs within occupations. As mentioned previously, this statistic indicates the degree of similarity in the rank ordering and relative distance between the skills on a particular scale within an occupation. Our target level of interrater reliability is a median *ICC*(C, *k*) of 0.80 or greater. The value of 0.80 is judged to be a good rule-of-thumb that has been used in multiple contexts, including O*NET (e.g., Clement, Chauvot, Philipp, & Ambrose, 2003; McCloy, Waugh, Medsker, Wall, Rivkin, & Lewis, 1999; Rase & Tognetti-Stuff, 1983).

The results of these analyses are presented in Appendix D. The results revealed high levels of interrater reliability across the 100 Cycle 20 occupations. Specifically, the median *ICC* for importance ratings for the skills across the occupations was 0.98 (*M* = 0.98, *SD* = 0.02). The median *ICC* for the level ratings was 0.99 (*M* = 0.98, *SD* = 0.01). The reliability for both the importance and level ratings exceeded the median target coefficient value of 0.80. In fact, none of the importance or level rating *ICC* values fell below 0.90. Overall, the results indicate a strong level of agreement in the occupational analysts' ratings.

Cycle 20 Interrater Reliability: Across Occupations within Constructs

Another way to evaluate the reliability of the occupational analysts' ratings is to look at the consistency of the ratings across occupations within constructs. This type of reliability is the extent to which raters agree about the order of and relative distance among occupations on a particular scale for a particular construct. For example, is there consistency across raters in how they differentiate among occupations on the required level of the skill Reading Comprehension? To make this evaluation, McGraw and Wong's (1996) *ICC*(C, *k*) is calculated for each construct on each scale (instead of for each occupation on each scale as described above). Consequently, each of the 35 skill importance scale ratings will have a reliability value. A median *ICC*(C, *k*) across the construct ratings for a particular domain on a particular scale of 0.80 or greater is the target interrater reliability for this coefficient (e.g., the median reliability across 35 skill level ratings should be at least 0.80). Again, the value of 0.80 has been judged to be a good rule-of-thumb.

This reliability analysis was conducted for skills on all occupations in Cycles 1 through 20 and results are presented in Table 3. The reliability analyses are based on 1,916 rating targets[1]. The values in the columns titled *ICC*(*C*,1) reflect the single rater reliabilities, whereas the values in the columns titled *ICC*(*C*,8) reflect the reliability for eight raters. Overall for the skills, the median *ICC*(*C*,8) across the construct ratings for importance was 0.88 (*M* = 0.89, *SD* = 0.05) and for level was 0.91 (*M* = 0.91, *SD* = 0.04). This indicates that on the whole, the reliabilities exceeded the target level. The majority of the skills had high *ICC*(*C*,8) reliabilities for both importance and level. In fact, there were 13 skills with reliabilities equal to or greater than 0.90 for both importance and level (e.g., Science). However, there are some relatively low reliability coefficients to note.

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[1] A rating target refers to a unique instance of an occupation. An occupation can contribute more than one rating target if it has been rated more than once across data collection cycles.

Table 3. Interrater Reliabilities and Standard Errors of Measurement for Skills Across Occupations in Cycles 1 through 20

| | | Cycles 1 through 20 (N = 1,916) | | | | | |
| | | Importance | | | Level | | |
	Skill	ICC(C,1)	ICC(C,8)	SE	ICC(C,1)	ICC(C,8)	SE
1	Reading Comprehension	0.54	0.90	0.17	0.68	0.95	0.20
2	Active Listening	0.45	0.87	0.16	0.58	0.92	0.18
3	Writing	0.58	0.92	0.17	0.70	0.95	0.19
4	Speaking	0.52	0.90	0.16	0.64	0.93	0.18
5	Mathematics	0.52	0.90	0.19	0.61	0.93	0.26
6	Science	0.72	0.95	0.20	0.73	0.96	0.30
7	Critical Thinking	0.46	0.87	0.16	0.54	0.90	0.19
8	Active Learning	0.44	0.86	0.19	0.57	0.91	0.23
9	Learning Strategies	0.53	0.90	0.18	0.62	0.93	0.22
10	Monitoring	0.34	0.80	0.16	0.47	0.87	0.21
11	Social Perceptiveness	0.43	0.86	0.17	0.51	0.89	0.22
12	Coordination	0.38	0.83	0.16	0.38	0.83	0.21
13	Persuasion	0.41	0.85	0.19	0.43	0.86	0.26
14	Negotiation	0.44	0.86	0.18	0.46	0.87	0.24
15	Instructing	0.59	0.92	0.17	0.57	0.91	0.23
16	Service Orientation	0.47	0.88	0.18	0.43	0.86	0.23
17	Complex Problem Solving	0.40	0.84	0.19	0.54	0.90	0.20
18	Operations Analysis	0.48	0.88	0.23	0.54	0.90	0.35
19	Technology Design	0.33	0.80	0.19	0.42	0.85	0.30
20	Equipment Selection	0.63	0.93	0.18	0.63	0.93	0.28
21	Installation	0.58	0.92	0.14	0.57	0.91	0.22
22	Programming	0.45	0.87	0.19	0.52	0.90	0.27
23	Quality Control Analysis	0.53	0.90	0.22	0.57	0.92	0.30
24	Operations Monitoring	0.65	0.94	0.19	0.65	0.94	0.26
25	Operation and Control	0.74	0.96	0.18	0.75	0.96	0.25
26	Equipment Maintenance	0.80	0.97	0.15	0.83	0.98	0.20
27	Troubleshooting	0.70	0.95	0.18	0.73	0.96	0.25
28	Repairing	0.82	0.97	0.14	0.84	0.98	0.19
29	Systems Analysis	0.50	0.89	0.20	0.59	0.92	0.25
30	Systems Evaluation	0.46	0.87	0.20	0.56	0.91	0.27
31	Judg. and Dec. Making	0.41	0.85	0.17	0.56	0.91	0.20
32	Time Management	0.33	0.80	0.15	0.45	0.87	0.19
33	M. of Financial Resources	0.47	0.88	0.19	0.55	0.91	0.30
34	M. of Material Resources	0.39	0.84	0.19	0.47	0.88	0.30
35	M. of Personnel Resources	0.47	0.88	0.18	0.50	0.89	0.23

Note. These *ICC*s indicate how consistently raters rated (rank ordered) occupations on a given skill.
SE = Standard error of measurement = Observed score standard deviation times the square root of one minus *ICC*(*C*,8).

The lowest skill $ICC(C,8)$ importance reliabilities were found for Technology Design, Time Management, and Monitoring, all of which had importance reliabilities equal to 0.80. These were the same skills with reliabilities below 0.80 from the previous cycle. The construct with the lowest level reliability was Coordination. The reliability for the level of this skill was 0.83, which still exceeds the 0.80 threshold. Even though these skills (Technology Design, Time Management, Monitoring, and Coordination) had the lowest reliabilities compared to other skills this cycle, the reliabilities were still considerably high; the lowest reliability coefficient was at the threshold of 0.80 (Technology Design, Time Management, and Monitoring all had an ICC of 0.80).

Keep in mind that some variation in calculated values is likely to occur by chance. As previously described, the goal was for the $ICC(C,8)$ reliabilities to have a median value of 0.80 or greater across constructs, which was achieved for both importance and level (0.88 and 0.91, respectively). These results suggest that there was a good level of agreement among the raters with respect to the order and relative distance among occupations on particular constructs for importance and level.

Summary

The main findings of the analysis of Cycle 20 analyst ratings were as follows:

- More than 86% of the skill ratings were considered important for performance in a given occupation. Constructs that were flagged because the construct was considered not important for performance were very similar to those flagged in previous cycles and conceptually it is understandable that these constructs may be considered not relevant for the given occupations.

- None of the importance ratings and less than 1% of the level ratings were flagged based on a SE_M greater than 0.51.

- There was strong interrater agreement for this cycle as evidenced by the overall low medians of SE_M values.

- All within-occupation ICC reliabilities were above the target value of 0.80. These high levels of interrater reliability indicate that the occupational analysts rank ordered the skills within each occupation similarly on both importance and level.

- The importance and level median across-occupation ICC reliabilities were above the target value of 0.80. These high levels of interrater reliability indicate that analysts rank ordered occupations within each skill similarly on both importance and level.

Given these results, it appears that the analysts are calibrated with one another and understand the skills and associated definitions. Agreement was high and there is clear evidence regarding the high quality of the data. Nevertheless, project staff will continue to review the constructs and data collection process with returning analysts prior to each new cycle and as needed, throughout a cycle. Also, staff will thoroughly train new analysts, if any.

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Appendix A

Standard O*NET-IDI Codes and Titles for O*NET Analysis Cycle 20 Occupations

IDI Code	Occupation Title
01546.02.1	Regulatory Affairs Managers
01547.02.1	Compliance Managers
01553.02.1	Loss Prevention Managers
00059.03.1	Purchasing Agents, Except Wholesale, Retail, and Farm Products
00459.03.1	Insurance Adjusters, Examiners, and Investigators
01557.02.1	Regulatory Affairs Specialists
01191.02.1	Human Resources Specialists
00091.03.1	Assessors
01200.02.1	Computer and Information Research Scientists
01569.03.1	Informatics Nurse Specialists
01576.02.1	Information Technology Project Managers
00200.03.1	Statisticians
00134.03.1	Architectural Drafters
00143.02.1	Aerospace Engineering and Operations Technicians
00151.03.1	Atmospheric and Space Scientists
00207.03.1	Economists
01228.03.1	Survey Researchers
00212.03.1	School Psychologists
01238.02.1	Social Science Research Assistants
00281.03.1	Health Educators
01256.03.1	Business Teachers, Postsecondary
00255.03.1	Computer Science Teachers, Postsecondary
00254.03.1	Mathematical Science Teachers, Postsecondary
01257.03.1	Architecture Teachers, Postsecondary
00253.03.1	Engineering Teachers, Postsecondary
01258.03.1	Agricultural Sciences Teachers, Postsecondary
01259.03.1	Biological Science Teachers, Postsecondary
01261.03.1	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
00246.03.1	Chemistry Teachers, Postsecondary
01262.03.1	Environmental Science Teachers, Postsecondary
00247.03.1	Physics Teachers, Postsecondary
01263.03.1	Anthropology and Archeology Teachers, Postsecondary
01264.03.1	Area, Ethnic, and Cultural Studies Teachers, Postsecondary

IDI Code	Occupation Title
01265.03.1	Economics Teachers, Postsecondary
01266.03.1	Geography Teachers, Postsecondary
01267.03.1	Political Science Teachers, Postsecondary
01268.03.1	Psychology Teachers, Postsecondary
01269.03.1	Sociology Teachers, Postsecondary
00250.03.1	Health Specialties Teachers, Postsecondary
00243.03.1	Nursing Instructors and Teachers, Postsecondary
01271.03.1	Education Teachers, Postsecondary
01272.03.1	Library Science Teachers, Postsecondary
01273.03.1	Criminal Justice and Law Enforcement Teachers, Postsecondary
01274.03.1	Law Teachers, Postsecondary
00252.03.1	Art, Drama, and Music Teachers, Postsecondary
01276.03.1	Communications Teachers, Postsecondary
01277.03.1	English Language and Literature Teachers, Postsecondary
01278.03.1	Foreign Language and Literature Teachers, Postsecondary
01279.03.1	History Teachers, Postsecondary
01280.03.1	Philosophy and Religion Teachers, Postsecondary
01281.03.1	Home Economics Teachers, Postsecondary
01282.03.1	Recreation and Fitness Studies Teachers, Postsecondary
00266.03.1	Vocational Education Teachers, Postsecondary
00257.03.1	Preschool Teachers, Except Special Education
01694.01.2	Special Education Teachers, Preschool
01292.03.1	Self-Enrichment Education Teachers
00276.03.1	Archivists
01294.03.1	Audio-Visual and Multimedia Collections Specialists
01298.03.1	Multimedia Artists and Animators
00372.03.1	Commercial and Industrial Designers
00392.03.1	Directors- Stage, Motion Pictures, Television, and Radio
00394.02.1	Talent Directors
00395.03.1	Technical Directors/Managers
00396.03.1	Coaches and Scouts
00385.02.1	Dancers
00381.02.1	Singers
00363.03.1	Broadcast Technicians
00362.03.1	Camera Operators, Television, Video, and Motion Picture
00337.03.1	Occupational Health and Safety Specialists

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

IDI Code	Occupation Title
01326.03.1	Occupational Health and Safety Technicians
01706.02.1	Phlebotomists
00543.02.1	Forest Fire Inspectors and Prevention Specialists
01343.03.1	Gaming Surveillance Officers and Gaming Investigators
00577.03.1	Cooks, Fast Food
00576.03.1	Cooks, Institution and Cafeteria
00645.03.1	Nonfarm Animal Caretakers
01354.03.1	Gaming Dealers
00229.03.1	Residential Advisors
01365.03.1	Gaming Change Persons and Booth Cashiers
00437.03.1	Counter and Rental Clerks
00417.03.1	Real Estate Sales Agents
00524.04.1	Shipping, Receiving, and Traffic Clerks
00479.03.1	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive
00629.02.1	First-Line Supervisors of Aquacultural Workers
00649.02.1	Agricultural Equipment Operators
00657.02.1	Farmworkers, Farm, Ranch, and Aquacultural Animals
00819.02.1	Fence Erectors
01416.02.1	Electrical and Electronics Installers and Repairers, Transportation Equipment
00706.03.1	Automotive Body and Related Repairers
00713.02.1	Rail Car Repairers
00746.03.1	Refrigeration Mechanics and Installers
00756.03.1	Locksmiths and Safe Repairers
01452.02.1	Textile Cutting Machine Setters, Operators, and Tenders
01454.02.1	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
01455.02.1	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers
01065.02.1	Cutters and Trimmers, Hand
01074.02.1	Painting, Coating, and Decorating Workers
01102.03.1	Bus Drivers, School or Special Client
01136.02.1	Wellhead Pumpers
01134.02.1	Tank Car, Truck, and Ship Loaders

Appendix B

Descriptive Statistics for O*NET Analysis Cycle 20
Importance and Level Ratings by Occupations

Explanation of Column Titles:

Occupation: SOC code for the occupation – The titles associated with each code are shown in Appendix A. Note that each page contains the results for a single occupation.

Element Name: Skills – The name of each of the 35 O*NET skills. Shaded skills indicate that two or fewer of the eight analysts rated its importance as 2 or greater and, in turn, the level of that construct is flagged as not relevant.

Mean Imp: Mean Importance Rating – The mean rating across eight raters.

SD Imp: Standard Deviation of Importance Ratings – The *SD* of the ratings across eight raters.

SE_M Imp: Standard Error of the Mean Importance Rating – The SE_M of the ratings across eight raters.

Mean Level: Mean Level Rating – The mean rating across eight raters.

SD Level: Standard Deviation of Level Ratings – The *SD* of the ratings across eight raters.

SE_M Level: Standard Error of the Mean Level Rating – The SE_M of the ratings across eight raters. Shaded level SE_Ms are flagged for insufficient agreement across raters if the SE_M is greater than 0.51.

Regulatory Affairs Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01546.02.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01546.02.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
01546.02.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
01546.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01546.02.1	Mathematics	2.50	0.53	0.19	2.88	0.35	0.13
01546.02.1	Science	2.50	0.53	0.19	2.00	0.53	0.19
01546.02.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01546.02.1	Active Learning	3.38	0.74	0.26	3.88	0.64	0.23
01546.02.1	Learning Strategies	3.00	0.53	0.19	3.50	0.53	0.19
01546.02.1	Monitoring	3.88	0.35	0.13	4.13	0.35	0.13
01546.02.1	Social Perceptiveness	3.25	0.71	0.25	3.88	0.35	0.13
01546.02.1	Coordination	3.88	0.35	0.13	3.88	0.35	0.13
01546.02.1	Persuasion	3.13	0.35	0.13	3.25	0.46	0.16
01546.02.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
01546.02.1	Instructing	3.13	0.64	0.23	3.38	0.52	0.18
01546.02.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01546.02.1	Complex Problem Solving	3.50	0.53	0.19	3.38	0.52	0.18
01546.02.1	Operations Analysis	3.00	0.53	0.19	3.63	0.52	0.18
01546.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01546.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01546.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01546.02.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01546.02.1	Operations Monitoring	1.63	0.52	0.18	0.88	0.83	0.30
01546.02.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01546.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01546.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01546.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01546.02.1	Quality Control Analysis	1.38	0.52	0.18	0.50	0.76	0.27
01546.02.1	Judg. and Dec. Making	3.75	0.46	0.16	4.00	0.53	0.19
01546.02.1	Systems Analysis	3.63	0.52	0.18	3.88	0.64	0.23
01546.02.1	Systems Evaluation	3.50	0.76	0.27	3.75	0.71	0.25
01546.02.1	Time Management	3.50	0.53	0.19	3.63	0.52	0.18
01546.02.1	M. of Financial Resources	2.00	0.53	0.19	2.00	0.93	0.33
01546.02.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
01546.02.1	M. of Personnel Resources	3.25	0.46	0.16	3.63	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Compliance Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01547.02.1	Reading Comprehension	4.00	0.00	0.00	4.13	0.35	0.13
01547.02.1	Active Listening	3.88	0.35	0.13	4.13	0.35	0.13
01547.02.1	Writing	3.88	0.64	0.23	4.13	0.35	0.13
01547.02.1	Speaking	3.88	0.35	0.13	4.13	0.35	0.13
01547.02.1	Mathematics	2.13	0.35	0.13	2.25	0.46	0.16
01547.02.1	Science	1.38	0.52	0.18	0.50	0.76	0.27
01547.02.1	Critical Thinking	4.00	0.00	0.00	4.25	0.46	0.16
01547.02.1	Active Learning	3.75	0.46	0.16	3.88	0.64	0.23
01547.02.1	Learning Strategies	3.25	0.46	0.16	3.50	0.53	0.19
01547.02.1	Monitoring	3.75	0.46	0.16	4.63	0.52	0.18
01547.02.1	Social Perceptiveness	3.50	0.53	0.19	3.63	0.52	0.18
01547.02.1	Coordination	3.75	0.46	0.16	3.75	0.46	0.16
01547.02.1	Persuasion	3.63	0.52	0.18	3.75	0.46	0.16
01547.02.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
01547.02.1	Instructing	3.38	0.52	0.18	3.75	0.46	0.16
01547.02.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
01547.02.1	Complex Problem Solving	3.25	0.46	0.16	3.50	0.53	0.19
01547.02.1	Operations Analysis	1.75	0.46	0.16	1.38	1.06	0.38
01547.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01547.02.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
01547.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01547.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01547.02.1	Operations Monitoring	2.00	0.76	0.27	1.50	1.07	0.38
01547.02.1	Operation and Control	1.50	0.53	0.19	0.63	0.74	0.26
01547.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01547.02.1	Troubleshooting	1.25	0.46	0.16	0.38	0.74	0.26
01547.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01547.02.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.64	0.23
01547.02.1	Judg. and Dec. Making	3.50	0.53	0.19	3.88	0.35	0.13
01547.02.1	Systems Analysis	3.25	0.46	0.16	3.38	0.74	0.26
01547.02.1	Systems Evaluation	3.13	0.35	0.13	3.38	0.74	0.26
01547.02.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
01547.02.1	M. of Financial Resources	1.88	0.35	0.13	1.50	0.76	0.27
01547.02.1	M. of Material Resources	1.88	0.35	0.13	1.38	0.74	0.26
01547.02.1	M. of Personnel Resources	2.63	0.52	0.18	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Loss Prevention Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01553.02.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01553.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01553.02.1	Writing	3.75	0.46	0.16	3.88	0.35	0.13
01553.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01553.02.1	Mathematics	2.75	0.71	0.25	2.75	0.46	0.16
01553.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01553.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01553.02.1	Active Learning	3.75	0.46	0.16	3.75	0.46	0.16
01553.02.1	Learning Strategies	3.25	0.46	0.16	3.25	0.46	0.16
01553.02.1	Monitoring	3.88	0.35	0.13	4.00	0.00	0.00
01553.02.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
01553.02.1	Coordination	3.63	0.52	0.18	3.63	0.52	0.18
01553.02.1	Persuasion	3.75	0.46	0.16	3.88	0.35	0.13
01553.02.1	Negotiation	3.50	0.53	0.19	3.38	0.52	0.18
01553.02.1	Instructing	3.88	0.35	0.13	3.88	0.35	0.13
01553.02.1	Service Orientation	3.63	0.52	0.18	3.75	0.46	0.16
01553.02.1	Complex Problem Solving	3.88	0.35	0.13	3.88	0.35	0.13
01553.02.1	Operations Analysis	2.25	0.46	0.16	2.25	0.89	0.31
01553.02.1	Technology Design	1.75	0.46	0.16	1.13	0.99	0.35
01553.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01553.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01553.02.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
01553.02.1	Operations Monitoring	2.63	0.52	0.18	2.88	0.35	0.13
01553.02.1	Operation and Control	2.00	0.00	0.00	1.75	0.46	0.16
01553.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01553.02.1	Troubleshooting	2.00	0.00	0.00	1.25	0.46	0.16
01553.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01553.02.1	Quality Control Analysis	2.50	0.53	0.19	2.38	0.74	0.26
01553.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.00	0.00
01553.02.1	Systems Analysis	3.75	0.46	0.16	4.00	0.00	0.00
01553.02.1	Systems Evaluation	3.75	0.46	0.16	3.88	0.35	0.13
01553.02.1	Time Management	3.88	0.35	0.13	3.88	0.35	0.13
01553.02.1	M. of Financial Resources	2.25	0.46	0.16	2.13	0.35	0.13
01553.02.1	M. of Material Resources	2.25	0.46	0.16	2.38	0.52	0.18
01553.02.1	M. of Personnel Resources	3.63	0.52	0.18	4.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Purchasing Agents, Except Wholesale, Retail, and Farm Products

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00059.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00059.03.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
00059.03.1	Writing	3.75	0.46	0.16	3.75	0.46	0.16
00059.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00059.03.1	Mathematics	2.88	0.64	0.23	2.88	0.64	0.23
00059.03.1	Science	1.13	0.35	0.13	0.25	0.71	0.25
00059.03.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00059.03.1	Active Learning	3.75	0.46	0.16	3.88	0.35	0.13
00059.03.1	Learning Strategies	3.00	0.53	0.19	3.13	0.35	0.13
00059.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
00059.03.1	Social Perceptiveness	3.50	0.53	0.19	3.50	0.53	0.19
00059.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00059.03.1	Persuasion	3.75	0.46	0.16	4.00	0.00	0.00
00059.03.1	Negotiation	4.00	0.53	0.19	4.00	0.00	0.00
00059.03.1	Instructing	3.25	0.46	0.16	3.25	0.46	0.16
00059.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
00059.03.1	Complex Problem Solving	3.88	0.35	0.13	3.88	0.35	0.13
00059.03.1	Operations Analysis	2.50	0.53	0.19	2.38	0.52	0.18
00059.03.1	Technology Design	1.50	0.53	0.19	0.75	0.89	0.31
00059.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00059.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00059.03.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
00059.03.1	Operations Monitoring	1.50	0.53	0.19	0.75	0.89	0.31
00059.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00059.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00059.03.1	Troubleshooting	1.63	0.52	0.18	0.75	0.71	0.25
00059.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00059.03.1	Quality Control Analysis	2.25	0.46	0.16	1.88	0.64	0.23
00059.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
00059.03.1	Systems Analysis	2.63	0.74	0.26	2.63	1.06	0.38
00059.03.1	Systems Evaluation	3.00	0.53	0.19	3.13	0.35	0.13
00059.03.1	Time Management	3.38	0.52	0.18	3.88	0.35	0.13
00059.03.1	M. of Financial Resources	3.75	0.46	0.16	3.75	0.46	0.16
00059.03.1	M. of Material Resources	3.13	0.64	0.23	3.25	0.46	0.16
00059.03.1	M. of Personnel Resources	3.13	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Insurance Adjusters, Examiners, and Investigators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00459.03.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
00459.03.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
00459.03.1	Writing	3.50	0.53	0.19	3.75	0.46	0.16
00459.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00459.03.1	Mathematics	3.00	0.00	0.00	3.25	0.46	0.16
00459.03.1	Science	1.88	0.35	0.13	0.88	0.35	0.13
00459.03.1	Critical Thinking	4.00	0.00	0.00	4.00	0.00	0.00
00459.03.1	Active Learning	3.38	0.52	0.18	3.25	0.46	0.16
00459.03.1	Learning Strategies	2.25	0.46	0.16	2.13	0.35	0.13
00459.03.1	Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
00459.03.1	Social Perceptiveness	3.13	0.35	0.13	3.00	0.00	0.00
00459.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00459.03.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
00459.03.1	Negotiation	3.75	0.46	0.16	3.75	0.46	0.16
00459.03.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
00459.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00459.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00459.03.1	Operations Analysis	1.75	0.46	0.16	1.38	0.92	0.32
00459.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00459.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00459.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00459.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
00459.03.1	Operations Monitoring	1.75	0.46	0.16	1.38	0.92	0.32
00459.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00459.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00459.03.1	Troubleshooting	1.88	0.64	0.23	1.25	0.89	0.31
00459.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00459.03.1	Quality Control Analysis	2.00	0.53	0.19	2.00	0.93	0.33
00459.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.75	0.46	0.16
00459.03.1	Systems Analysis	2.38	0.52	0.18	2.25	0.71	0.25
00459.03.1	Systems Evaluation	2.38	0.52	0.18	2.38	0.74	0.26
00459.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00459.03.1	M. of Financial Resources	2.50	0.53	0.19	2.63	0.52	0.18
00459.03.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
00459.03.1	M. of Personnel Resources	2.13	0.35	0.13	2.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Regulatory Affairs Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01557.02.1	Reading Comprehension	3.88	0.35	0.13	4.75	0.46	0.16
01557.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01557.02.1	Writing	4.00	0.53	0.19	4.13	0.35	0.13
01557.02.1	Speaking	4.00	0.53	0.19	4.13	0.35	0.13
01557.02.1	Mathematics	2.50	0.53	0.19	2.88	0.64	0.23
01557.02.1	Science	1.88	0.64	0.23	1.13	1.25	0.44
01557.02.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
01557.02.1	Active Learning	3.25	0.46	0.16	3.88	0.35	0.13
01557.02.1	Learning Strategies	3.00	0.00	0.00	3.00	0.00	0.00
01557.02.1	Monitoring	3.25	0.46	0.16	3.75	0.46	0.16
01557.02.1	Social Perceptiveness	3.38	0.52	0.18	3.25	0.46	0.16
01557.02.1	Coordination	3.13	0.35	0.13	3.88	0.35	0.13
01557.02.1	Persuasion	3.00	0.00	0.00	3.75	0.46	0.16
01557.02.1	Negotiation	3.13	0.35	0.13	3.25	0.46	0.16
01557.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
01557.02.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01557.02.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01557.02.1	Operations Analysis	2.63	0.52	0.18	2.63	0.52	0.18
01557.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
01557.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Programming	1.88	0.64	0.23	1.38	0.92	0.32
01557.02.1	Operations Monitoring	2.00	0.00	0.00	1.75	0.46	0.16
01557.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01557.02.1	Quality Control Analysis	2.13	0.64	0.23	2.00	0.93	0.33
01557.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.13	0.35	0.13
01557.02.1	Systems Analysis	3.75	0.46	0.16	4.00	0.53	0.19
01557.02.1	Systems Evaluation	3.25	0.71	0.25	3.88	0.35	0.13
01557.02.1	Time Management	3.38	0.52	0.18	3.38	0.52	0.18
01557.02.1	M. of Financial Resources	2.13	0.35	0.13	1.88	0.64	0.23
01557.02.1	M. of Material Resources	2.00	0.00	0.00	1.38	0.52	0.18
01557.02.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Human Resources Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01191.02.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01191.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01191.02.1	Writing	3.88	0.35	0.13	4.00	0.00	0.00
01191.02.1	Speaking	4.13	0.35	0.13	4.00	0.00	0.00
01191.02.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
01191.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
01191.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01191.02.1	Active Learning	3.25	0.46	0.16	3.38	0.52	0.18
01191.02.1	Learning Strategies	3.00	0.53	0.19	3.25	0.46	0.16
01191.02.1	Monitoring	3.00	0.00	0.00	3.75	0.46	0.16
01191.02.1	Social Perceptiveness	3.38	0.52	0.18	3.88	0.35	0.13
01191.02.1	Coordination	3.00	0.00	0.00	3.50	0.53	0.19
01191.02.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
01191.02.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01191.02.1	Instructing	3.13	0.35	0.13	3.13	0.35	0.13
01191.02.1	Service Orientation	3.38	0.52	0.18	3.25	0.46	0.16
01191.02.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
01191.02.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01191.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01191.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01191.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01191.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01191.02.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01191.02.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01191.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01191.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01191.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01191.02.1	Quality Control Analysis	1.75	0.71	0.25	0.75	0.71	0.25
01191.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.50	0.53	0.19
01191.02.1	Systems Analysis	2.88	0.64	0.23	2.75	0.46	0.16
01191.02.1	Systems Evaluation	2.38	0.52	0.18	2.88	0.64	0.23
01191.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01191.02.1	M. of Financial Resources	1.88	0.35	0.13	1.25	0.71	0.25
01191.02.1	M. of Material Resources	1.88	0.35	0.13	1.25	0.71	0.25
01191.02.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Assessors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00091.03.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
00091.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00091.03.1	Writing	3.13	0.35	0.13	3.88	0.35	0.13
00091.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00091.03.1	Mathematics	3.13	0.35	0.13	3.75	0.46	0.16
00091.03.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00091.03.1	Critical Thinking	3.88	0.64	0.23	3.88	0.35	0.13
00091.03.1	Active Learning	3.63	0.52	0.18	3.25	0.46	0.16
00091.03.1	Learning Strategies	2.25	0.46	0.16	2.25	0.46	0.16
00091.03.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
00091.03.1	Social Perceptiveness	3.50	0.53	0.19	3.13	0.35	0.13
00091.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00091.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00091.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00091.03.1	Instructing	2.75	0.71	0.25	2.38	0.52	0.18
00091.03.1	Service Orientation	3.00	0.00	0.00	3.13	0.35	0.13
00091.03.1	Complex Problem Solving	3.00	0.00	0.00	3.00	0.00	0.00
00091.03.1	Operations Analysis	1.88	0.35	0.13	1.00	0.53	0.19
00091.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
00091.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00091.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00091.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00091.03.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.00	0.00
00091.03.1	Operation and Control	2.00	0.00	0.00	1.88	0.35	0.13
00091.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00091.03.1	Troubleshooting	1.88	0.35	0.13	0.88	0.35	0.13
00091.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00091.03.1	Quality Control Analysis	2.25	0.46	0.16	2.00	0.53	0.19
00091.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.50	0.53	0.19
00091.03.1	Systems Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00091.03.1	Systems Evaluation	2.63	0.52	0.18	2.25	0.46	0.16
00091.03.1	Time Management	3.13	0.35	0.13	3.00	0.00	0.00
00091.03.1	M. of Financial Resources	2.00	0.00	0.00	1.38	0.52	0.18
00091.03.1	M. of Material Resources	2.00	0.00	0.00	1.00	0.00	0.00
00091.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Computer and Information Research Scientists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01200.02.1	Reading Comprehension	3.75	0.46	0.16	4.50	0.76	0.27
01200.02.1	Active Listening	3.75	0.46	0.16	4.13	0.35	0.13
01200.02.1	Writing	3.38	0.52	0.18	4.13	0.35	0.13
01200.02.1	Speaking	3.50	0.53	0.19	4.13	0.35	0.13
01200.02.1	Mathematics	3.38	0.52	0.18	4.38	0.74	0.26
01200.02.1	Science	3.13	0.35	0.13	3.38	0.74	0.26
01200.02.1	Critical Thinking	4.00	0.53	0.19	4.25	0.46	0.16
01200.02.1	Active Learning	3.50	0.53	0.19	4.88	0.64	0.23
01200.02.1	Learning Strategies	3.00	0.00	0.00	3.50	0.53	0.19
01200.02.1	Monitoring	3.13	0.35	0.13	4.00	0.53	0.19
01200.02.1	Social Perceptiveness	3.00	0.00	0.00	3.13	0.35	0.13
01200.02.1	Coordination	3.00	0.00	0.00	3.75	0.46	0.16
01200.02.1	Persuasion	2.75	0.46	0.16	3.50	0.53	0.19
01200.02.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
01200.02.1	Instructing	3.00	0.00	0.00	3.38	0.74	0.26
01200.02.1	Service Orientation	2.75	0.46	0.16	2.88	0.35	0.13
01200.02.1	Complex Problem Solving	4.00	0.53	0.19	4.38	0.74	0.26
01200.02.1	Operations Analysis	3.13	0.35	0.13	3.88	0.64	0.23
01200.02.1	Technology Design	3.13	0.35	0.13	4.13	0.83	0.30
01200.02.1	Equipment Selection	1.88	0.35	0.13	1.75	0.89	0.31
01200.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01200.02.1	Programming	3.63	0.52	0.18	4.50	0.53	0.19
01200.02.1	Operations Monitoring	2.63	0.52	0.18	2.75	0.71	0.25
01200.02.1	Operation and Control	2.00	0.00	0.00	1.75	0.46	0.16
01200.02.1	Equipment Maintenance	1.13	0.35	0.13	0.25	0.71	0.25
01200.02.1	Troubleshooting	2.38	0.74	0.26	3.00	1.41	0.50
01200.02.1	Repairing	1.13	0.35	0.13	0.25	0.71	0.25
01200.02.1	Quality Control Analysis	2.38	0.52	0.18	2.63	0.74	0.26
01200.02.1	Judg. and Dec. Making	4.00	0.53	0.19	4.63	0.74	0.26
01200.02.1	Systems Analysis	3.75	0.46	0.16	4.38	0.52	0.18
01200.02.1	Systems Evaluation	3.63	0.52	0.18	4.88	0.64	0.23
01200.02.1	Time Management	3.38	0.52	0.18	3.88	0.35	0.13
01200.02.1	M. of Financial Resources	2.50	0.53	0.19	2.88	0.64	0.23
01200.02.1	M. of Material Resources	2.25	0.46	0.16	2.63	0.52	0.18
01200.02.1	M. of Personnel Resources	2.88	0.35	0.13	3.63	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Informatics Nurse Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01569.03.1	Reading Comprehension	4.25	0.46	0.16	4.88	0.35	0.13
01569.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
01569.03.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
01569.03.1	Speaking	4.00	0.00	0.00	4.13	0.35	0.13
01569.03.1	Mathematics	2.88	0.35	0.13	2.88	0.35	0.13
01569.03.1	Science	2.13	0.64	0.23	1.88	0.83	0.30
01569.03.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
01569.03.1	Active Learning	3.75	0.46	0.16	4.75	0.46	0.16
01569.03.1	Learning Strategies	3.88	0.35	0.13	3.88	0.35	0.13
01569.03.1	Monitoring	3.75	0.46	0.16	4.00	0.00	0.00
01569.03.1	Social Perceptiveness	3.38	0.52	0.18	3.50	0.53	0.19
01569.03.1	Coordination	3.75	0.46	0.16	3.75	0.46	0.16
01569.03.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
01569.03.1	Negotiation	3.13	0.35	0.13	3.25	0.46	0.16
01569.03.1	Instructing	3.38	0.52	0.18	3.88	0.35	0.13
01569.03.1	Service Orientation	3.25	0.46	0.16	3.63	0.52	0.18
01569.03.1	Complex Problem Solving	3.88	0.35	0.13	4.00	0.00	0.00
01569.03.1	Operations Analysis	2.88	0.64	0.23	2.88	0.64	0.23
01569.03.1	Technology Design	2.75	0.46	0.16	2.75	0.46	0.16
01569.03.1	Equipment Selection	1.88	0.35	0.13	2.25	1.04	0.37
01569.03.1	Installation	1.38	0.52	0.18	0.38	0.52	0.18
01569.03.1	Programming	2.75	0.71	0.25	3.13	0.83	0.30
01569.03.1	Operations Monitoring	2.63	0.74	0.26	2.75	0.46	0.16
01569.03.1	Operation and Control	1.63	0.52	0.18	0.75	0.71	0.25
01569.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01569.03.1	Troubleshooting	2.13	0.35	0.13	2.25	0.89	0.31
01569.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01569.03.1	Quality Control Analysis	2.88	0.64	0.23	2.88	0.83	0.30
01569.03.1	Judg. and Dec. Making	4.00	0.00	0.00	4.00	0.00	0.00
01569.03.1	Systems Analysis	3.75	0.46	0.16	4.00	0.00	0.00
01569.03.1	Systems Evaluation	3.75	0.46	0.16	4.13	0.35	0.13
01569.03.1	Time Management	3.13	0.35	0.13	3.38	0.52	0.18
01569.03.1	M. of Financial Resources	2.00	0.00	0.00	2.13	0.35	0.13
01569.03.1	M. of Material Resources	2.00	0.00	0.00	2.25	0.46	0.16
01569.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Information Technology Project Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01576.02.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01576.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01576.02.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
01576.02.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
01576.02.1	Mathematics	2.88	0.35	0.13	3.13	0.35	0.13
01576.02.1	Science	2.13	0.35	0.13	1.50	0.76	0.27
01576.02.1	Critical Thinking	4.13	0.35	0.13	4.25	0.46	0.16
01576.02.1	Active Learning	3.38	0.52	0.18	3.88	0.35	0.13
01576.02.1	Learning Strategies	3.00	0.00	0.00	3.25	0.46	0.16
01576.02.1	Monitoring	3.63	0.52	0.18	4.50	0.53	0.19
01576.02.1	Social Perceptiveness	3.38	0.52	0.18	3.88	0.35	0.13
01576.02.1	Coordination	4.00	0.53	0.19	4.13	0.35	0.13
01576.02.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
01576.02.1	Negotiation	3.38	0.52	0.18	3.75	0.46	0.16
01576.02.1	Instructing	3.13	0.35	0.13	3.25	0.46	0.16
01576.02.1	Service Orientation	3.25	0.46	0.16	3.13	0.35	0.13
01576.02.1	Complex Problem Solving	3.38	0.52	0.18	4.00	0.00	0.00
01576.02.1	Operations Analysis	2.38	0.52	0.18	2.50	0.53	0.19
01576.02.1	Technology Design	2.13	0.35	0.13	1.88	0.64	0.23
01576.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01576.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01576.02.1	Programming	2.25	0.89	0.31	1.63	1.30	0.46
01576.02.1	Operations Monitoring	2.25	0.46	0.16	1.75	0.71	0.25
01576.02.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01576.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01576.02.1	Troubleshooting	1.50	0.53	0.19	0.63	0.74	0.26
01576.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01576.02.1	Quality Control Analysis	2.50	0.53	0.19	1.88	0.99	0.35
01576.02.1	Judg. and Dec. Making	3.63	0.52	0.18	3.75	0.46	0.16
01576.02.1	Systems Analysis	3.75	0.46	0.16	3.75	0.46	0.16
01576.02.1	Systems Evaluation	3.50	0.53	0.19	3.75	0.46	0.16
01576.02.1	Time Management	4.00	0.53	0.19	3.88	0.35	0.13
01576.02.1	M. of Financial Resources	3.13	0.64	0.23	3.63	0.52	0.18
01576.02.1	M. of Material Resources	3.13	0.35	0.13	3.63	0.52	0.18
01576.02.1	M. of Personnel Resources	3.88	0.35	0.13	4.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Statisticians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00200.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
00200.03.1	Active Listening	3.88	0.35	0.13	3.88	0.64	0.23
00200.03.1	Writing	3.50	0.53	0.19	4.38	0.74	0.26
00200.03.1	Speaking	3.75	0.46	0.16	4.25	0.46	0.16
00200.03.1	Mathematics	4.75	0.46	0.16	5.75	0.46	0.16
00200.03.1	Science	3.50	0.53	0.19	4.00	0.00	0.00
00200.03.1	Critical Thinking	4.13	0.35	0.13	4.88	0.35	0.13
00200.03.1	Active Learning	3.63	0.52	0.18	3.88	0.35	0.13
00200.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
00200.03.1	Monitoring	2.88	0.35	0.13	3.13	0.64	0.23
00200.03.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
00200.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00200.03.1	Persuasion	2.63	0.52	0.18	2.75	0.46	0.16
00200.03.1	Negotiation	1.88	0.35	0.13	1.75	0.71	0.25
00200.03.1	Instructing	2.88	0.35	0.13	3.13	0.35	0.13
00200.03.1	Service Orientation	2.38	0.74	0.26	1.88	0.83	0.30
00200.03.1	Complex Problem Solving	3.88	0.35	0.13	4.13	0.35	0.13
00200.03.1	Operations Analysis	2.75	0.46	0.16	3.50	0.53	0.19
00200.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00200.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00200.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00200.03.1	Programming	3.00	0.53	0.19	3.63	0.52	0.18
00200.03.1	Operations Monitoring	1.50	0.53	0.19	0.88	0.99	0.35
00200.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
00200.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00200.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00200.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00200.03.1	Quality Control Analysis	1.75	0.46	0.16	1.13	0.83	0.30
00200.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.88	0.35	0.13
00200.03.1	Systems Analysis	3.00	0.00	0.00	3.13	0.35	0.13
00200.03.1	Systems Evaluation	3.00	0.00	0.00	3.13	0.35	0.13
00200.03.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00200.03.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
00200.03.1	M. of Material Resources	1.75	0.46	0.16	1.00	0.76	0.27
00200.03.1	M. of Personnel Resources	2.25	0.71	0.25	2.38	1.06	0.38

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Architectural Drafters

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00134.03.1	Reading Comprehension	3.38	0.52	0.18	3.75	0.46	0.16
00134.03.1	Active Listening	3.75	0.46	0.16	3.50	0.53	0.19
00134.03.1	Writing	3.13	0.35	0.13	3.25	0.46	0.16
00134.03.1	Speaking	3.38	0.52	0.18	3.50	0.53	0.19
00134.03.1	Mathematics	3.00	0.00	0.00	4.00	0.00	0.00
00134.03.1	Science	2.00	0.53	0.19	1.75	0.71	0.25
00134.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00134.03.1	Active Learning	3.00	0.00	0.00	3.38	0.52	0.18
00134.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00134.03.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
00134.03.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
00134.03.1	Coordination	3.00	0.00	0.00	3.50	0.53	0.19
00134.03.1	Persuasion	2.75	0.46	0.16	2.63	0.74	0.26
00134.03.1	Negotiation	2.25	0.46	0.16	2.50	0.53	0.19
00134.03.1	Instructing	2.63	0.52	0.18	2.88	0.35	0.13
00134.03.1	Service Orientation	2.50	0.53	0.19	2.50	0.53	0.19
00134.03.1	Complex Problem Solving	3.00	0.53	0.19	3.38	0.52	0.18
00134.03.1	Operations Analysis	2.63	0.52	0.18	2.88	0.64	0.23
00134.03.1	Technology Design	1.63	0.52	0.18	1.00	0.93	0.33
00134.03.1	Equipment Selection	1.63	0.52	0.18	1.00	1.07	0.38
00134.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00134.03.1	Programming	2.13	0.64	0.23	1.75	0.89	0.31
00134.03.1	Operations Monitoring	2.13	0.35	0.13	2.00	0.00	0.00
00134.03.1	Operation and Control	1.88	0.35	0.13	1.13	0.64	0.23
00134.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00134.03.1	Troubleshooting	1.75	0.46	0.16	0.75	0.46	0.16
00134.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00134.03.1	Quality Control Analysis	2.75	0.46	0.16	3.13	0.35	0.13
00134.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.63	0.52	0.18
00134.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.46	0.16
00134.03.1	Systems Evaluation	2.75	0.46	0.16	2.88	0.64	0.23
00134.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00134.03.1	M. of Financial Resources	1.88	0.35	0.13	1.63	0.74	0.26
00134.03.1	M. of Material Resources	2.25	0.71	0.25	1.63	0.74	0.26
00134.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Aerospace Engineering and Operations Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00143.02.1	Reading Comprehension	3.75	0.46	0.16	3.75	0.46	0.16
00143.02.1	Active Listening	3.63	0.52	0.18	3.88	0.35	0.13
00143.02.1	Writing	3.13	0.35	0.13	3.13	0.35	0.13
00143.02.1	Speaking	3.63	0.52	0.18	3.13	0.35	0.13
00143.02.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
00143.02.1	Science	3.13	0.35	0.13	3.75	0.46	0.16
00143.02.1	Critical Thinking	3.88	0.64	0.23	4.00	0.00	0.00
00143.02.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
00143.02.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
00143.02.1	Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
00143.02.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
00143.02.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00143.02.1	Persuasion	2.63	0.52	0.18	2.88	0.35	0.13
00143.02.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
00143.02.1	Instructing	2.75	0.46	0.16	3.00	0.00	0.00
00143.02.1	Service Orientation	2.63	0.52	0.18	2.75	0.46	0.16
00143.02.1	Complex Problem Solving	3.50	0.53	0.19	3.38	0.52	0.18
00143.02.1	Operations Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00143.02.1	Technology Design	2.13	0.35	0.13	1.38	0.74	0.26
00143.02.1	Equipment Selection	2.63	0.52	0.18	2.38	0.52	0.18
00143.02.1	Installation	2.13	0.64	0.23	1.88	0.83	0.30
00143.02.1	Programming	2.13	0.35	0.13	1.63	0.92	0.32
00143.02.1	Operations Monitoring	3.75	0.46	0.16	3.50	0.53	0.19
00143.02.1	Operation and Control	3.00	0.53	0.19	2.88	0.83	0.30
00143.02.1	Equipment Maintenance	2.88	0.35	0.13	3.38	0.74	0.26
00143.02.1	Troubleshooting	3.25	0.46	0.16	3.13	0.35	0.13
00143.02.1	Repairing	3.00	0.00	0.00	3.00	0.00	0.00
00143.02.1	Quality Control Analysis	3.75	0.46	0.16	3.63	0.52	0.18
00143.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.25	0.46	0.16
00143.02.1	Systems Analysis	3.00	0.53	0.19	3.13	0.35	0.13
00143.02.1	Systems Evaluation	3.00	0.53	0.19	3.13	0.35	0.13
00143.02.1	Time Management	3.13	0.35	0.13	3.25	0.46	0.16
00143.02.1	M. of Financial Resources	2.13	0.35	0.13	1.63	0.52	0.18
00143.02.1	M. of Material Resources	2.13	0.35	0.13	1.63	0.52	0.18
00143.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Atmospheric and Space Scientists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00151.03.1	Reading Comprehension	4.13	0.35	0.13	4.88	0.35	0.13
00151.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
00151.03.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
00151.03.1	Speaking	4.00	0.00	0.00	4.13	0.35	0.13
00151.03.1	Mathematics	3.00	0.00	0.00	3.88	0.35	0.13
00151.03.1	Science	4.00	0.53	0.19	4.88	0.35	0.13
00151.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
00151.03.1	Active Learning	3.88	0.35	0.13	4.00	0.53	0.19
00151.03.1	Learning Strategies	3.25	0.71	0.25	3.25	0.71	0.25
00151.03.1	Monitoring	3.13	0.35	0.13	3.63	0.52	0.18
00151.03.1	Social Perceptiveness	3.25	0.46	0.16	3.25	0.46	0.16
00151.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00151.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00151.03.1	Negotiation	3.00	0.00	0.00	2.88	0.35	0.13
00151.03.1	Instructing	3.13	0.35	0.13	3.75	0.46	0.16
00151.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
00151.03.1	Complex Problem Solving	3.88	0.35	0.13	4.00	0.00	0.00
00151.03.1	Operations Analysis	2.75	0.46	0.16	3.00	0.53	0.19
00151.03.1	Technology Design	2.00	0.53	0.19	1.25	0.89	0.31
00151.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00151.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00151.03.1	Programming	2.00	0.53	0.19	1.38	1.19	0.42
00151.03.1	Operations Monitoring	2.00	0.00	0.00	1.75	0.46	0.16
00151.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
00151.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00151.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00151.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00151.03.1	Quality Control Analysis	1.88	0.64	0.23	1.00	0.93	0.33
00151.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00151.03.1	Systems Analysis	3.38	0.74	0.26	3.63	0.74	0.26
00151.03.1	Systems Evaluation	2.88	0.35	0.13	3.13	0.64	0.23
00151.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00151.03.1	M. of Financial Resources	2.00	0.00	0.00	1.25	0.46	0.16
00151.03.1	M. of Material Resources	2.00	0.00	0.00	1.38	0.52	0.18
00151.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Economists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00207.03.1	Reading Comprehension	4.13	0.35	0.13	4.75	0.46	0.16
00207.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00207.03.1	Writing	4.00	0.00	0.00	4.25	0.46	0.16
00207.03.1	Speaking	4.00	0.00	0.00	4.25	0.46	0.16
00207.03.1	Mathematics	4.13	0.35	0.13	4.25	0.46	0.16
00207.03.1	Science	2.00	0.00	0.00	2.25	0.46	0.16
00207.03.1	Critical Thinking	4.13	0.35	0.13	4.50	0.53	0.19
00207.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
00207.03.1	Learning Strategies	3.13	0.35	0.13	3.50	0.53	0.19
00207.03.1	Monitoring	3.13	0.35	0.13	3.63	0.52	0.18
00207.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00207.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00207.03.1	Persuasion	3.00	0.00	0.00	3.63	0.52	0.18
00207.03.1	Negotiation	2.38	0.52	0.18	2.75	0.46	0.16
00207.03.1	Instructing	3.50	0.53	0.19	3.13	0.35	0.13
00207.03.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
00207.03.1	Complex Problem Solving	3.88	0.35	0.13	4.13	0.35	0.13
00207.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00207.03.1	Technology Design	1.38	0.52	0.18	0.63	0.92	0.32
00207.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Programming	2.00	0.53	0.19	1.75	0.89	0.31
00207.03.1	Operations Monitoring	1.63	0.52	0.18	0.75	0.71	0.25
00207.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00207.03.1	Quality Control Analysis	1.25	0.46	0.16	0.38	0.74	0.26
00207.03.1	Judg. and Dec. Making	4.00	0.00	0.00	4.00	0.00	0.00
00207.03.1	Systems Analysis	3.38	0.52	0.18	3.88	0.64	0.23
00207.03.1	Systems Evaluation	3.25	0.46	0.16	3.75	0.46	0.16
00207.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00207.03.1	M. of Financial Resources	1.88	0.35	0.13	1.38	0.92	0.32
00207.03.1	M. of Material Resources	1.88	0.35	0.13	1.13	0.64	0.23
00207.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Survey Researchers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01228.03.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01228.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01228.03.1	Writing	4.00	0.00	0.00	4.13	0.35	0.13
01228.03.1	Speaking	4.00	0.00	0.00	4.13	0.35	0.13
01228.03.1	Mathematics	3.50	0.53	0.19	4.25	0.46	0.16
01228.03.1	Science	2.75	0.46	0.16	2.75	0.46	0.16
01228.03.1	Critical Thinking	4.13	0.35	0.13	4.25	0.46	0.16
01228.03.1	Active Learning	3.38	0.52	0.18	4.00	0.53	0.19
01228.03.1	Learning Strategies	3.00	0.00	0.00	3.38	0.52	0.18
01228.03.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
01228.03.1	Social Perceptiveness	3.00	0.00	0.00	3.25	0.46	0.16
01228.03.1	Coordination	3.13	0.35	0.13	3.25	0.46	0.16
01228.03.1	Persuasion	3.00	0.53	0.19	3.13	0.64	0.23
01228.03.1	Negotiation	2.63	0.52	0.18	2.75	0.46	0.16
01228.03.1	Instructing	3.00	0.00	0.00	3.25	0.46	0.16
01228.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01228.03.1	Complex Problem Solving	3.63	0.52	0.18	3.75	0.46	0.16
01228.03.1	Operations Analysis	2.38	0.52	0.18	2.50	0.53	0.19
01228.03.1	Technology Design	1.88	0.64	0.23	1.13	0.83	0.30
01228.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01228.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01228.03.1	Programming	2.25	0.46	0.16	2.25	0.46	0.16
01228.03.1	Operations Monitoring	1.75	0.46	0.16	1.25	0.89	0.31
01228.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01228.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01228.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01228.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01228.03.1	Quality Control Analysis	2.00	0.53	0.19	1.38	0.74	0.26
01228.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.75	0.46	0.16
01228.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01228.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
01228.03.1	Time Management	3.00	0.00	0.00	3.50	0.53	0.19
01228.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
01228.03.1	M. of Material Resources	1.75	0.46	0.16	1.50	0.93	0.33
01228.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

School Psychologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00212.03.1	Reading Comprehension	4.25	0.46	0.16	4.75	0.46	0.16
00212.03.1	Active Listening	4.38	0.52	0.18	4.50	0.53	0.19
00212.03.1	Writing	4.00	0.00	0.00	4.13	0.35	0.13
00212.03.1	Speaking	4.25	0.46	0.16	4.25	0.46	0.16
00212.03.1	Mathematics	2.75	0.46	0.16	2.38	0.74	0.26
00212.03.1	Science	2.00	0.53	0.19	1.75	0.89	0.31
00212.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
00212.03.1	Active Learning	3.63	0.52	0.18	3.88	0.64	0.23
00212.03.1	Learning Strategies	3.50	0.53	0.19	3.88	0.35	0.13
00212.03.1	Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
00212.03.1	Social Perceptiveness	4.00	0.00	0.00	5.00	0.53	0.19
00212.03.1	Coordination	3.63	0.52	0.18	3.63	0.52	0.18
00212.03.1	Persuasion	3.50	0.53	0.19	3.50	0.76	0.27
00212.03.1	Negotiation	3.38	0.52	0.18	3.38	0.74	0.26
00212.03.1	Instructing	3.25	0.46	0.16	3.50	0.53	0.19
00212.03.1	Service Orientation	3.75	0.46	0.16	3.88	0.35	0.13
00212.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.53	0.19
00212.03.1	Operations Analysis	1.75	0.46	0.16	1.13	0.99	0.35
00212.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00212.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00212.03.1	Operations Monitoring	1.75	0.46	0.16	0.88	0.64	0.23
00212.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
00212.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.00	0.00
00212.03.1	Systems Analysis	3.13	0.35	0.13	3.38	0.52	0.18
00212.03.1	Systems Evaluation	3.13	0.35	0.13	3.50	0.76	0.27
00212.03.1	Time Management	3.38	0.52	0.18	3.63	0.52	0.18
00212.03.1	M. of Financial Resources	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	M. of Material Resources	1.00	0.00	0.00	0.00	0.00	0.00
00212.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Social Science Research Assistants

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01238.02.1	Reading Comprehension	4.00	0.00	0.00	4.75	0.46	0.16
01238.02.1	Active Listening	3.75	0.46	0.16	4.13	0.35	0.13
01238.02.1	Writing	3.75	0.46	0.16	3.88	0.35	0.13
01238.02.1	Speaking	3.38	0.52	0.18	3.75	0.46	0.16
01238.02.1	Mathematics	3.13	0.35	0.13	3.88	0.64	0.23
01238.02.1	Science	3.25	0.46	0.16	3.38	0.74	0.26
01238.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
01238.02.1	Active Learning	3.13	0.35	0.13	3.63	0.74	0.26
01238.02.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
01238.02.1	Monitoring	2.88	0.35	0.13	3.13	0.64	0.23
01238.02.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
01238.02.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
01238.02.1	Persuasion	2.50	0.53	0.19	2.50	0.53	0.19
01238.02.1	Negotiation	2.38	0.52	0.18	2.38	0.52	0.18
01238.02.1	Instructing	2.63	0.52	0.18	2.88	0.35	0.13
01238.02.1	Service Orientation	2.38	0.52	0.18	2.50	0.53	0.19
01238.02.1	Complex Problem Solving	3.38	0.52	0.18	3.13	0.35	0.13
01238.02.1	Operations Analysis	2.00	0.53	0.19	2.00	0.93	0.33
01238.02.1	Technology Design	1.75	0.46	0.16	1.25	0.89	0.31
01238.02.1	Equipment Selection	1.38	0.52	0.18	0.50	0.76	0.27
01238.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01238.02.1	Programming	2.63	0.74	0.26	2.75	1.28	0.45
01238.02.1	Operations Monitoring	2.13	0.64	0.23	1.88	0.83	0.30
01238.02.1	Operation and Control	1.63	0.52	0.18	0.63	0.52	0.18
01238.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01238.02.1	Troubleshooting	1.75	0.46	0.16	1.38	0.92	0.32
01238.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01238.02.1	Quality Control Analysis	2.50	0.53	0.19	2.88	0.35	0.13
01238.02.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
01238.02.1	Systems Analysis	3.00	0.00	0.00	2.88	0.35	0.13
01238.02.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.53	0.19
01238.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
01238.02.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
01238.02.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
01238.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Health Educators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00281.03.1	Reading Comprehension	3.75	0.46	0.16	4.00	0.00	0.00
00281.03.1	Active Listening	4.13	0.35	0.13	4.00	0.00	0.00
00281.03.1	Writing	4.13	0.35	0.13	4.00	0.00	0.00
00281.03.1	Speaking	4.13	0.35	0.13	4.25	0.46	0.16
00281.03.1	Mathematics	2.13	0.35	0.13	2.25	0.46	0.16
00281.03.1	Science	2.50	0.53	0.19	2.75	0.46	0.16
00281.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
00281.03.1	Active Learning	3.88	0.35	0.13	3.63	0.74	0.26
00281.03.1	Learning Strategies	4.00	0.00	0.00	4.13	0.35	0.13
00281.03.1	Monitoring	3.25	0.46	0.16	3.75	0.46	0.16
00281.03.1	Social Perceptiveness	3.88	0.35	0.13	3.88	0.35	0.13
00281.03.1	Coordination	3.63	0.52	0.18	3.25	0.46	0.16
00281.03.1	Persuasion	3.13	0.35	0.13	3.25	0.46	0.16
00281.03.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
00281.03.1	Instructing	3.38	0.52	0.18	3.25	0.46	0.16
00281.03.1	Service Orientation	3.25	0.46	0.16	3.25	0.46	0.16
00281.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00281.03.1	Operations Analysis	3.00	0.53	0.19	3.00	0.53	0.19
00281.03.1	Technology Design	1.75	0.46	0.16	1.00	0.76	0.27
00281.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00281.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00281.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00281.03.1	Operations Monitoring	1.88	0.35	0.13	1.63	0.92	0.32
00281.03.1	Operation and Control	1.50	0.53	0.19	0.75	0.89	0.31
00281.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00281.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00281.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00281.03.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
00281.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
00281.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
00281.03.1	Systems Evaluation	3.00	0.00	0.00	3.00	0.00	0.00
00281.03.1	Time Management	3.38	0.52	0.18	3.25	0.46	0.16
00281.03.1	M. of Financial Resources	2.25	0.46	0.16	2.13	0.35	0.13
00281.03.1	M. of Material Resources	2.13	0.35	0.13	2.13	0.35	0.13
00281.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Business Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01256.03.1	Reading Comprehension	4.00	0.00	0.00	5.00	0.00	0.00
01256.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01256.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01256.03.1	Speaking	4.25	0.46	0.16	4.88	0.35	0.13
01256.03.1	Mathematics	3.00	0.00	0.00	3.25	0.46	0.16
01256.03.1	Science	1.88	0.35	0.13	1.38	0.74	0.26
01256.03.1	Critical Thinking	3.88	0.35	0.13	4.38	0.52	0.18
01256.03.1	Active Learning	3.88	0.35	0.13	4.38	0.52	0.18
01256.03.1	Learning Strategies	4.00	0.53	0.19	4.75	0.71	0.25
01256.03.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
01256.03.1	Social Perceptiveness	3.25	0.46	0.16	3.38	0.52	0.18
01256.03.1	Coordination	3.00	0.00	0.00	3.00	0.53	0.19
01256.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
01256.03.1	Negotiation	2.75	0.46	0.16	2.75	0.46	0.16
01256.03.1	Instructing	4.13	0.35	0.13	4.63	0.52	0.18
01256.03.1	Service Orientation	2.75	0.46	0.16	3.00	0.53	0.19
01256.03.1	Complex Problem Solving	3.50	0.53	0.19	3.75	0.46	0.16
01256.03.1	Operations Analysis	2.25	0.89	0.31	2.13	1.36	0.48
01256.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01256.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01256.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01256.03.1	Programming	1.88	0.35	0.13	1.25	0.71	0.25
01256.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01256.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01256.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01256.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01256.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01256.03.1	Quality Control Analysis	1.50	0.53	0.19	0.63	0.74	0.26
01256.03.1	Judg. and Dec. Making	3.38	0.52	0.18	4.00	0.53	0.19
01256.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.71	0.25
01256.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.71	0.25
01256.03.1	Time Management	3.25	0.46	0.16	3.50	0.53	0.19
01256.03.1	M. of Financial Resources	1.63	0.52	0.18	0.75	0.71	0.25
01256.03.1	M. of Material Resources	1.63	0.52	0.18	0.88	0.83	0.30
01256.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Computer Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00255.03.1	Reading Comprehension	4.00	0.00	0.00	5.00	0.00	0.00
00255.03.1	Active Listening	3.88	0.35	0.13	4.38	0.52	0.18
00255.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
00255.03.1	Speaking	4.00	0.00	0.00	4.88	0.35	0.13
00255.03.1	Mathematics	3.13	0.35	0.13	3.50	0.53	0.19
00255.03.1	Science	2.75	0.71	0.25	2.63	0.52	0.18
00255.03.1	Critical Thinking	3.88	0.35	0.13	4.50	0.53	0.19
00255.03.1	Active Learning	3.88	0.35	0.13	4.13	0.35	0.13
00255.03.1	Learning Strategies	3.88	0.35	0.13	4.38	0.52	0.18
00255.03.1	Monitoring	3.75	0.46	0.16	4.00	0.00	0.00
00255.03.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
00255.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00255.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00255.03.1	Negotiation	3.00	0.00	0.00	2.88	0.35	0.13
00255.03.1	Instructing	4.13	0.35	0.13	4.75	0.46	0.16
00255.03.1	Service Orientation	3.13	0.35	0.13	3.25	0.46	0.16
00255.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.00	0.00
00255.03.1	Operations Analysis	2.25	0.46	0.16	2.63	0.52	0.18
00255.03.1	Technology Design	2.00	0.53	0.19	1.88	0.99	0.35
00255.03.1	Equipment Selection	1.50	0.53	0.19	0.50	0.53	0.19
00255.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00255.03.1	Programming	3.00	0.53	0.19	3.13	0.64	0.23
00255.03.1	Operations Monitoring	2.13	0.35	0.13	1.25	0.46	0.16
00255.03.1	Operation and Control	1.63	0.52	0.18	0.75	0.71	0.25
00255.03.1	Equipment Maintenance	1.38	0.52	0.18	0.38	0.52	0.18
00255.03.1	Troubleshooting	1.38	0.52	0.18	0.38	0.52	0.18
00255.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00255.03.1	Quality Control Analysis	2.00	0.93	0.33	1.63	1.06	0.38
00255.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00255.03.1	Systems Analysis	3.38	0.52	0.18	3.63	0.52	0.18
00255.03.1	Systems Evaluation	3.25	0.46	0.16	3.38	0.52	0.18
00255.03.1	Time Management	3.13	0.35	0.13	3.63	0.52	0.18
00255.03.1	M. of Financial Resources	2.00	0.00	0.00	1.00	0.00	0.00
00255.03.1	M. of Material Resources	2.00	0.00	0.00	1.63	0.52	0.18
00255.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Mathematical Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00254.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
00254.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00254.03.1	Writing	3.88	0.35	0.13	4.75	0.46	0.16
00254.03.1	Speaking	4.13	0.35	0.13	4.38	0.52	0.18
00254.03.1	Mathematics	4.25	0.46	0.16	4.88	0.35	0.13
00254.03.1	Science	2.38	0.52	0.18	2.25	0.46	0.16
00254.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
00254.03.1	Active Learning	3.75	0.46	0.16	4.13	0.35	0.13
00254.03.1	Learning Strategies	3.88	0.35	0.13	4.25	0.46	0.16
00254.03.1	Monitoring	3.88	0.64	0.23	4.00	0.00	0.00
00254.03.1	Social Perceptiveness	3.00	0.00	0.00	3.25	0.46	0.16
00254.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00254.03.1	Persuasion	2.63	0.52	0.18	2.75	0.46	0.16
00254.03.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
00254.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
00254.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00254.03.1	Complex Problem Solving	3.63	0.52	0.18	3.63	0.52	0.18
00254.03.1	Operations Analysis	2.13	0.64	0.23	1.75	0.89	0.31
00254.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00254.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
00254.03.1	Operations Monitoring	1.25	0.46	0.16	0.25	0.46	0.16
00254.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00254.03.1	Quality Control Analysis	1.50	0.53	0.19	0.50	0.53	0.19
00254.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.38	0.52	0.18
00254.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00254.03.1	Systems Evaluation	3.13	0.35	0.13	3.13	0.35	0.13
00254.03.1	Time Management	3.13	0.35	0.13	3.25	0.46	0.16
00254.03.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
00254.03.1	M. of Material Resources	1.63	0.52	0.18	0.75	0.71	0.25
00254.03.1	M. of Personnel Resources	2.00	0.53	0.19	2.13	0.99	0.35

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Architecture Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01257.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
01257.03.1	Active Listening	4.00	0.00	0.00	4.38	0.52	0.18
01257.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01257.03.1	Speaking	4.13	0.35	0.13	4.88	0.35	0.13
01257.03.1	Mathematics	2.88	0.35	0.13	3.75	0.71	0.25
01257.03.1	Science	2.38	0.52	0.18	2.63	0.74	0.26
01257.03.1	Critical Thinking	3.88	0.35	0.13	4.38	0.52	0.18
01257.03.1	Active Learning	3.88	0.35	0.13	4.50	0.53	0.19
01257.03.1	Learning Strategies	4.13	0.35	0.13	4.38	0.52	0.18
01257.03.1	Monitoring	3.75	0.46	0.16	4.13	0.35	0.13
01257.03.1	Social Perceptiveness	3.63	0.52	0.18	3.63	0.52	0.18
01257.03.1	Coordination	3.25	0.46	0.16	3.13	0.35	0.13
01257.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01257.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01257.03.1	Instructing	4.13	0.35	0.13	4.88	0.35	0.13
01257.03.1	Service Orientation	3.13	0.64	0.23	3.25	0.46	0.16
01257.03.1	Complex Problem Solving	3.63	0.52	0.18	4.25	0.46	0.16
01257.03.1	Operations Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01257.03.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
01257.03.1	Equipment Selection	1.13	0.35	0.13	0.38	1.06	0.38
01257.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01257.03.1	Programming	1.88	0.35	0.13	1.00	0.53	0.19
01257.03.1	Operations Monitoring	1.88	0.35	0.13	1.25	0.71	0.25
01257.03.1	Operation and Control	1.25	0.46	0.16	0.50	0.93	0.33
01257.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01257.03.1	Troubleshooting	1.25	0.46	0.16	0.38	0.74	0.26
01257.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01257.03.1	Quality Control Analysis	2.00	0.53	0.19	1.25	0.89	0.31
01257.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.13	0.35	0.13
01257.03.1	Systems Analysis	3.25	0.46	0.16	3.25	0.46	0.16
01257.03.1	Systems Evaluation	3.25	0.46	0.16	3.50	0.76	0.27
01257.03.1	Time Management	3.25	0.46	0.16	3.50	0.53	0.19
01257.03.1	M. of Financial Resources	1.75	0.46	0.16	1.13	0.83	0.30
01257.03.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
01257.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Engineering Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00253.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
00253.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
00253.03.1	Writing	3.88	0.35	0.13	4.75	0.46	0.16
00253.03.1	Speaking	4.13	0.35	0.13	4.88	0.35	0.13
00253.03.1	Mathematics	3.88	0.35	0.13	4.50	0.76	0.27
00253.03.1	Science	3.50	0.53	0.19	3.63	0.74	0.26
00253.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
00253.03.1	Active Learning	3.63	0.74	0.26	4.13	0.35	0.13
00253.03.1	Learning Strategies	4.13	0.35	0.13	4.25	0.46	0.16
00253.03.1	Monitoring	3.38	0.52	0.18	4.13	0.35	0.13
00253.03.1	Social Perceptiveness	3.00	0.00	0.00	3.50	0.53	0.19
00253.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
00253.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00253.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
00253.03.1	Instructing	4.13	0.35	0.13	4.63	0.52	0.18
00253.03.1	Service Orientation	2.75	0.46	0.16	2.88	0.35	0.13
00253.03.1	Complex Problem Solving	3.25	0.46	0.16	3.38	0.74	0.26
00253.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.64	0.23
00253.03.1	Technology Design	1.88	0.35	0.13	1.88	0.83	0.30
00253.03.1	Equipment Selection	1.13	0.35	0.13	0.38	1.06	0.38
00253.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00253.03.1	Programming	2.00	0.53	0.19	1.63	0.92	0.32
00253.03.1	Operations Monitoring	1.88	0.35	0.13	1.88	0.83	0.30
00253.03.1	Operation and Control	1.50	0.53	0.19	0.63	0.74	0.26
00253.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00253.03.1	Troubleshooting	1.38	0.52	0.18	0.50	0.76	0.27
00253.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00253.03.1	Quality Control Analysis	2.00	0.53	0.19	1.50	0.93	0.33
00253.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.00	0.53	0.19
00253.03.1	Systems Analysis	3.13	0.35	0.13	3.38	0.74	0.26
00253.03.1	Systems Evaluation	3.13	0.35	0.13	3.38	0.74	0.26
00253.03.1	Time Management	3.13	0.35	0.13	3.00	0.00	0.00
00253.03.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
00253.03.1	M. of Material Resources	1.75	0.46	0.16	1.25	0.89	0.31
00253.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Agricultural Sciences Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01258.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
01258.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
01258.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01258.03.1	Speaking	4.13	0.35	0.13	5.00	0.00	0.00
01258.03.1	Mathematics	3.00	0.00	0.00	3.25	0.46	0.16
01258.03.1	Science	3.50	0.53	0.19	3.63	0.52	0.18
01258.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
01258.03.1	Active Learning	4.00	0.00	0.00	4.50	0.53	0.19
01258.03.1	Learning Strategies	4.13	0.35	0.13	4.63	0.74	0.26
01258.03.1	Monitoring	3.88	0.35	0.13	4.25	0.46	0.16
01258.03.1	Social Perceptiveness	3.13	0.35	0.13	3.38	0.52	0.18
01258.03.1	Coordination	3.50	0.53	0.19	3.25	0.46	0.16
01258.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
01258.03.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
01258.03.1	Instructing	4.38	0.52	0.18	4.75	0.46	0.16
01258.03.1	Service Orientation	2.88	0.64	0.23	3.00	0.53	0.19
01258.03.1	Complex Problem Solving	3.63	0.52	0.18	3.88	0.64	0.23
01258.03.1	Operations Analysis	1.75	0.46	0.16	1.50	0.93	0.33
01258.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01258.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01258.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01258.03.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01258.03.1	Operations Monitoring	2.00	0.53	0.19	1.38	0.92	0.32
01258.03.1	Operation and Control	1.88	0.64	0.23	1.13	0.99	0.35
01258.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01258.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
01258.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01258.03.1	Quality Control Analysis	2.00	0.53	0.19	1.88	0.83	0.30
01258.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.00	0.53	0.19
01258.03.1	Systems Analysis	2.88	0.35	0.13	3.25	0.71	0.25
01258.03.1	Systems Evaluation	3.13	0.35	0.13	3.38	0.74	0.26
01258.03.1	Time Management	3.38	0.52	0.18	3.50	0.53	0.19
01258.03.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
01258.03.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
01258.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Biological Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01259.03.1	Reading Comprehension	4.00	0.00	0.00	5.13	0.35	0.13
01259.03.1	Active Listening	4.00	0.00	0.00	4.38	0.52	0.18
01259.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01259.03.1	Speaking	4.25	0.46	0.16	4.75	0.46	0.16
01259.03.1	Mathematics	3.13	0.64	0.23	3.25	0.46	0.16
01259.03.1	Science	4.00	0.53	0.19	4.00	0.53	0.19
01259.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01259.03.1	Active Learning	4.00	0.53	0.19	4.50	0.76	0.27
01259.03.1	Learning Strategies	4.13	0.35	0.13	4.38	0.74	0.26
01259.03.1	Monitoring	3.88	0.35	0.13	3.88	0.35	0.13
01259.03.1	Social Perceptiveness	3.25	0.46	0.16	3.38	0.52	0.18
01259.03.1	Coordination	3.00	0.00	0.00	2.88	0.35	0.13
01259.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
01259.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01259.03.1	Instructing	4.13	0.35	0.13	4.38	0.52	0.18
01259.03.1	Service Orientation	3.13	0.64	0.23	3.13	0.64	0.23
01259.03.1	Complex Problem Solving	3.63	0.52	0.18	3.75	0.46	0.16
01259.03.1	Operations Analysis	2.38	0.74	0.26	2.38	1.06	0.38
01259.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
01259.03.1	Equipment Selection	1.25	0.46	0.16	0.38	0.74	0.26
01259.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01259.03.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
01259.03.1	Operations Monitoring	1.75	0.46	0.16	1.00	0.76	0.27
01259.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
01259.03.1	Equipment Maintenance	1.38	0.52	0.18	0.63	0.92	0.32
01259.03.1	Troubleshooting	1.50	0.53	0.19	0.88	0.99	0.35
01259.03.1	Repairing	1.63	0.52	0.18	0.88	0.83	0.30
01259.03.1	Quality Control Analysis	1.88	0.35	0.13	1.38	0.74	0.26
01259.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.13	0.35	0.13
01259.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.71	0.25
01259.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.71	0.25
01259.03.1	Time Management	3.63	0.52	0.18	3.50	0.53	0.19
01259.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
01259.03.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
01259.03.1	M. of Personnel Resources	2.50	0.53	0.19	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01261.03.1	Reading Comprehension	4.00	0.00	0.00	5.13	0.35	0.13
01261.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
01261.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01261.03.1	Speaking	4.75	0.46	0.16	4.75	0.46	0.16
01261.03.1	Mathematics	3.38	0.52	0.18	4.00	0.53	0.19
01261.03.1	Science	4.00	0.00	0.00	4.13	0.35	0.13
01261.03.1	Critical Thinking	4.00	0.00	0.00	4.25	0.46	0.16
01261.03.1	Active Learning	3.88	0.35	0.13	4.25	0.46	0.16
01261.03.1	Learning Strategies	3.88	0.35	0.13	4.25	0.46	0.16
01261.03.1	Monitoring	3.63	0.52	0.18	4.13	0.35	0.13
01261.03.1	Social Perceptiveness	3.13	0.35	0.13	3.63	0.52	0.18
01261.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01261.03.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
01261.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
01261.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
01261.03.1	Service Orientation	3.00	0.00	0.00	3.25	0.46	0.16
01261.03.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.64	0.23
01261.03.1	Operations Analysis	2.38	0.52	0.18	2.88	0.35	0.13
01261.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01261.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01261.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01261.03.1	Programming	1.88	0.35	0.13	1.00	0.53	0.19
01261.03.1	Operations Monitoring	1.75	0.46	0.16	1.00	0.76	0.27
01261.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01261.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01261.03.1	Troubleshooting	1.13	0.35	0.13	0.13	0.35	0.13
01261.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01261.03.1	Quality Control Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01261.03.1	Judg. and Dec. Making	3.50	0.53	0.19	4.00	0.53	0.19
01261.03.1	Systems Analysis	3.13	0.35	0.13	3.63	0.52	0.18
01261.03.1	Systems Evaluation	3.00	0.00	0.00	3.25	0.46	0.16
01261.03.1	Time Management	3.00	0.00	0.00	3.63	0.52	0.18
01261.03.1	M. of Financial Resources	1.75	0.46	0.16	1.38	0.92	0.32
01261.03.1	M. of Material Resources	2.13	0.35	0.13	2.13	0.35	0.13
01261.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Chemistry Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00246.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
00246.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00246.03.1	Writing	4.13	0.35	0.13	4.88	0.35	0.13
00246.03.1	Speaking	4.13	0.35	0.13	5.00	0.00	0.00
00246.03.1	Mathematics	3.25	0.46	0.16	3.75	0.46	0.16
00246.03.1	Science	4.00	0.00	0.00	4.25	0.46	0.16
00246.03.1	Critical Thinking	4.00	0.00	0.00	4.00	0.00	0.00
00246.03.1	Active Learning	4.00	0.00	0.00	4.00	0.00	0.00
00246.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
00246.03.1	Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
00246.03.1	Social Perceptiveness	3.25	0.46	0.16	3.38	0.52	0.18
00246.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00246.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00246.03.1	Negotiation	2.38	0.52	0.18	2.38	0.52	0.18
00246.03.1	Instructing	3.88	0.35	0.13	4.63	0.52	0.18
00246.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00246.03.1	Complex Problem Solving	3.88	0.35	0.13	4.00	0.00	0.00
00246.03.1	Operations Analysis	2.63	0.52	0.18	3.00	0.00	0.00
00246.03.1	Technology Design	1.88	0.35	0.13	1.25	0.71	0.25
00246.03.1	Equipment Selection	1.63	0.52	0.18	0.88	0.83	0.30
00246.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00246.03.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
00246.03.1	Operations Monitoring	2.00	0.00	0.00	1.88	0.35	0.13
00246.03.1	Operation and Control	1.13	0.35	0.13	0.25	0.71	0.25
00246.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
00246.03.1	Troubleshooting	2.00	0.00	0.00	1.13	0.35	0.13
00246.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00246.03.1	Quality Control Analysis	2.38	0.74	0.26	2.13	0.64	0.23
00246.03.1	Judg. and Dec. Making	3.63	0.52	0.18	3.75	0.46	0.16
00246.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.46	0.16
00246.03.1	Systems Evaluation	2.88	0.35	0.13	3.13	0.35	0.13
00246.03.1	Time Management	3.00	0.00	0.00	3.63	0.52	0.18
00246.03.1	M. of Financial Resources	2.13	0.35	0.13	1.75	0.71	0.25
00246.03.1	M. of Material Resources	2.00	0.00	0.00	1.75	0.46	0.16
00246.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE_M > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Environmental Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01262.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
01262.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
01262.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01262.03.1	Speaking	4.13	0.35	0.13	4.50	0.53	0.19
01262.03.1	Mathematics	3.00	0.00	0.00	3.25	0.46	0.16
01262.03.1	Science	4.00	0.00	0.00	4.50	0.53	0.19
01262.03.1	Critical Thinking	4.00	0.00	0.00	4.25	0.46	0.16
01262.03.1	Active Learning	3.88	0.35	0.13	4.25	0.46	0.16
01262.03.1	Learning Strategies	4.00	0.00	0.00	4.25	0.46	0.16
01262.03.1	Monitoring	3.88	0.35	0.13	4.00	0.00	0.00
01262.03.1	Social Perceptiveness	3.00	0.00	0.00	3.63	0.52	0.18
01262.03.1	Coordination	3.00	0.00	0.00	3.25	0.46	0.16
01262.03.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
01262.03.1	Negotiation	2.75	0.46	0.16	2.88	0.35	0.13
01262.03.1	Instructing	4.00	0.00	0.00	4.38	0.52	0.18
01262.03.1	Service Orientation	3.00	0.00	0.00	3.13	0.35	0.13
01262.03.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01262.03.1	Operations Analysis	2.50	0.53	0.19	2.88	0.35	0.13
01262.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
01262.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01262.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01262.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
01262.03.1	Operations Monitoring	1.75	0.46	0.16	0.88	0.64	0.23
01262.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01262.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01262.03.1	Troubleshooting	1.38	0.52	0.18	0.50	0.76	0.27
01262.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01262.03.1	Quality Control Analysis	1.88	0.64	0.23	1.38	1.06	0.38
01262.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.88	0.35	0.13
01262.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01262.03.1	Systems Evaluation	3.13	0.35	0.13	3.13	0.35	0.13
01262.03.1	Time Management	3.00	0.00	0.00	3.50	0.53	0.19
01262.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
01262.03.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
01262.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Physics Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00247.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
00247.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
00247.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
00247.03.1	Speaking	4.13	0.35	0.13	5.00	0.00	0.00
00247.03.1	Mathematics	3.63	0.52	0.18	4.00	0.00	0.00
00247.03.1	Science	4.13	0.35	0.13	4.63	0.52	0.18
00247.03.1	Critical Thinking	4.00	0.53	0.19	4.88	0.35	0.13
00247.03.1	Active Learning	4.00	0.00	0.00	4.38	0.52	0.18
00247.03.1	Learning Strategies	4.00	0.00	0.00	4.38	0.52	0.18
00247.03.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
00247.03.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
00247.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00247.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00247.03.1	Negotiation	2.50	0.53	0.19	2.50	0.53	0.19
00247.03.1	Instructing	4.25	0.46	0.16	4.38	0.52	0.18
00247.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00247.03.1	Complex Problem Solving	3.63	0.52	0.18	4.00	0.00	0.00
00247.03.1	Operations Analysis	2.63	0.52	0.18	2.75	0.71	0.25
00247.03.1	Technology Design	1.63	0.52	0.18	1.00	1.07	0.38
00247.03.1	Equipment Selection	2.00	0.00	0.00	1.00	0.00	0.00
00247.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00247.03.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
00247.03.1	Operations Monitoring	2.00	0.00	0.00	1.63	0.74	0.26
00247.03.1	Operation and Control	1.63	0.52	0.18	0.63	0.52	0.18
00247.03.1	Equipment Maintenance	2.13	0.35	0.13	1.25	0.46	0.16
00247.03.1	Troubleshooting	2.13	0.35	0.13	1.50	0.53	0.19
00247.03.1	Repairing	2.25	0.46	0.16	1.38	0.52	0.18
00247.03.1	Quality Control Analysis	2.13	0.35	0.13	2.13	0.35	0.13
00247.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
00247.03.1	Systems Analysis	2.88	0.35	0.13	3.13	0.35	0.13
00247.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
00247.03.1	Time Management	3.25	0.46	0.16	3.13	0.35	0.13
00247.03.1	M. of Financial Resources	2.00	0.00	0.00	1.38	0.52	0.18
00247.03.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
00247.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Anthropology and Archeology Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01263.03.1	Reading Comprehension	4.25	0.46	0.16	5.00	0.53	0.19
01263.03.1	Active Listening	4.13	0.35	0.13	4.38	0.52	0.18
01263.03.1	Writing	4.13	0.35	0.13	5.00	0.53	0.19
01263.03.1	Speaking	4.50	0.53	0.19	4.88	0.35	0.13
01263.03.1	Mathematics	2.38	0.52	0.18	3.13	0.35	0.13
01263.03.1	Science	3.88	0.64	0.23	4.00	0.53	0.19
01263.03.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
01263.03.1	Active Learning	4.00	0.00	0.00	4.38	0.74	0.26
01263.03.1	Learning Strategies	4.25	0.46	0.16	4.25	0.46	0.16
01263.03.1	Monitoring	3.88	0.35	0.13	4.13	0.35	0.13
01263.03.1	Social Perceptiveness	3.38	0.52	0.18	3.75	0.46	0.16
01263.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
01263.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01263.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01263.03.1	Instructing	4.13	0.35	0.13	4.25	0.46	0.16
01263.03.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
01263.03.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01263.03.1	Operations Analysis	2.13	0.64	0.23	2.38	1.06	0.38
01263.03.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01263.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
01263.03.1	Operations Monitoring	1.13	0.35	0.13	0.13	0.35	0.13
01263.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01263.03.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
01263.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.00	0.00
01263.03.1	Systems Analysis	3.13	0.35	0.13	3.38	0.74	0.26
01263.03.1	Systems Evaluation	3.38	0.52	0.18	3.63	0.52	0.18
01263.03.1	Time Management	3.63	0.52	0.18	3.63	0.52	0.18
01263.03.1	M. of Financial Resources	1.75	0.46	0.16	1.00	0.76	0.27
01263.03.1	M. of Material Resources	1.75	0.46	0.16	1.38	0.92	0.32
01263.03.1	M. of Personnel Resources	2.63	0.52	0.18	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Area, Ethnic, and Cultural Studies Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01264.03.1	Reading Comprehension	4.25	0.46	0.16	4.88	0.35	0.13
01264.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
01264.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
01264.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01264.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
01264.03.1	Science	2.50	0.76	0.27	2.75	1.39	0.49
01264.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01264.03.1	Active Learning	4.00	0.00	0.00	4.00	0.00	0.00
01264.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
01264.03.1	Monitoring	3.13	0.64	0.23	3.88	0.35	0.13
01264.03.1	Social Perceptiveness	3.38	0.52	0.18	3.50	0.53	0.19
01264.03.1	Coordination	3.00	0.00	0.00	3.00	0.53	0.19
01264.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
01264.03.1	Negotiation	2.63	0.52	0.18	2.38	0.52	0.18
01264.03.1	Instructing	4.13	0.35	0.13	3.88	0.35	0.13
01264.03.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
01264.03.1	Complex Problem Solving	3.88	0.35	0.13	3.63	0.52	0.18
01264.03.1	Operations Analysis	2.75	0.46	0.16	2.75	0.46	0.16
01264.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
01264.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Programming	1.75	0.46	0.16	1.00	0.76	0.27
01264.03.1	Operations Monitoring	1.38	0.52	0.18	0.38	0.52	0.18
01264.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01264.03.1	Quality Control Analysis	1.50	0.53	0.19	0.63	0.74	0.26
01264.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.63	0.52	0.18
01264.03.1	Systems Analysis	3.13	0.35	0.13	3.00	0.00	0.00
01264.03.1	Systems Evaluation	3.13	0.35	0.13	3.00	0.00	0.00
01264.03.1	Time Management	3.25	0.46	0.16	3.75	0.46	0.16
01264.03.1	M. of Financial Resources	2.13	0.35	0.13	1.63	0.74	0.26
01264.03.1	M. of Material Resources	2.00	0.00	0.00	1.63	0.52	0.18
01264.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Economics Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01265.03.1	Reading Comprehension	4.00	0.00	0.00	4.38	0.52	0.18
01265.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01265.03.1	Writing	4.00	0.00	0.00	4.13	0.35	0.13
01265.03.1	Speaking	4.13	0.35	0.13	4.25	0.46	0.16
01265.03.1	Mathematics	3.25	0.46	0.16	3.75	0.71	0.25
01265.03.1	Science	2.38	0.52	0.18	2.88	0.35	0.13
01265.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01265.03.1	Active Learning	3.75	0.46	0.16	4.13	0.35	0.13
01265.03.1	Learning Strategies	3.88	0.35	0.13	4.00	0.53	0.19
01265.03.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
01265.03.1	Social Perceptiveness	3.00	0.00	0.00	3.50	0.53	0.19
01265.03.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
01265.03.1	Persuasion	2.63	0.52	0.18	2.50	0.53	0.19
01265.03.1	Negotiation	2.38	0.52	0.18	2.13	0.35	0.13
01265.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
01265.03.1	Service Orientation	2.75	0.46	0.16	2.75	0.46	0.16
01265.03.1	Complex Problem Solving	3.25	0.46	0.16	3.63	0.74	0.26
01265.03.1	Operations Analysis	2.63	0.52	0.18	2.75	0.46	0.16
01265.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01265.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Programming	1.88	0.35	0.13	1.38	0.74	0.26
01265.03.1	Operations Monitoring	1.75	0.46	0.16	1.13	0.83	0.30
01265.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01265.03.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01265.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.88	0.64	0.23
01265.03.1	Systems Analysis	3.00	0.00	0.00	3.13	0.35	0.13
01265.03.1	Systems Evaluation	3.13	0.35	0.13	3.13	0.35	0.13
01265.03.1	Time Management	2.88	0.35	0.13	3.00	0.53	0.19
01265.03.1	M. of Financial Resources	1.75	0.46	0.16	1.13	0.83	0.30
01265.03.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
01265.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.63	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Geography Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01266.03.1	Reading Comprehension	4.00	0.00	0.00	4.75	0.46	0.16
01266.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01266.03.1	Writing	4.13	0.35	0.13	4.88	0.35	0.13
01266.03.1	Speaking	4.13	0.35	0.13	4.88	0.35	0.13
01266.03.1	Mathematics	2.75	0.46	0.16	3.00	0.00	0.00
01266.03.1	Science	3.13	0.35	0.13	3.50	0.53	0.19
01266.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01266.03.1	Active Learning	3.88	0.35	0.13	4.13	0.35	0.13
01266.03.1	Learning Strategies	3.88	0.35	0.13	3.88	0.35	0.13
01266.03.1	Monitoring	3.13	0.35	0.13	3.88	0.35	0.13
01266.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
01266.03.1	Coordination	3.00	0.00	0.00	3.38	0.52	0.18
01266.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
01266.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
01266.03.1	Instructing	4.13	0.35	0.13	4.75	0.46	0.16
01266.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01266.03.1	Complex Problem Solving	3.88	0.35	0.13	3.75	0.46	0.16
01266.03.1	Operations Analysis	2.50	0.93	0.33	2.50	1.20	0.42
01266.03.1	Technology Design	1.88	0.64	0.23	1.13	0.99	0.35
01266.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Programming	2.00	0.53	0.19	1.38	0.92	0.32
01266.03.1	Operations Monitoring	1.38	0.52	0.18	0.50	0.76	0.27
01266.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01266.03.1	Quality Control Analysis	1.25	0.46	0.16	0.38	0.74	0.26
01266.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.75	0.46	0.16
01266.03.1	Systems Analysis	3.00	0.53	0.19	3.00	0.53	0.19
01266.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01266.03.1	Time Management	3.25	0.46	0.16	3.25	0.46	0.16
01266.03.1	M. of Financial Resources	2.00	0.00	0.00	1.38	0.52	0.18
01266.03.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
01266.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Political Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01267.03.1	Reading Comprehension	4.13	0.35	0.13	4.88	0.35	0.13
01267.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01267.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
01267.03.1	Speaking	4.63	0.52	0.18	5.00	0.00	0.00
01267.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
01267.03.1	Science	2.38	0.74	0.26	2.25	1.04	0.37
01267.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01267.03.1	Active Learning	4.00	0.00	0.00	4.00	0.00	0.00
01267.03.1	Learning Strategies	3.88	0.35	0.13	4.00	0.00	0.00
01267.03.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
01267.03.1	Social Perceptiveness	3.13	0.35	0.13	3.50	0.53	0.19
01267.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
01267.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
01267.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01267.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
01267.03.1	Service Orientation	3.00	0.53	0.19	3.13	0.35	0.13
01267.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.00	0.00
01267.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.64	0.23
01267.03.1	Technology Design	1.25	0.46	0.16	0.25	0.46	0.16
01267.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01267.03.1	Operations Monitoring	1.25	0.46	0.16	0.25	0.46	0.16
01267.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01267.03.1	Quality Control Analysis	1.38	0.74	0.26	0.50	1.07	0.38
01267.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.75	0.46	0.16
01267.03.1	Systems Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01267.03.1	Systems Evaluation	2.75	0.46	0.16	3.00	0.00	0.00
01267.03.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
01267.03.1	M. of Financial Resources	1.88	0.35	0.13	0.88	0.35	0.13
01267.03.1	M. of Material Resources	1.88	0.35	0.13	1.00	0.53	0.19
01267.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Psychology Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01268.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
01268.03.1	Active Listening	4.00	0.00	0.00	4.88	0.35	0.13
01268.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01268.03.1	Speaking	4.13	0.35	0.13	5.00	0.00	0.00
01268.03.1	Mathematics	3.00	0.53	0.19	3.25	0.71	0.25
01268.03.1	Science	3.38	0.52	0.18	4.13	0.35	0.13
01268.03.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
01268.03.1	Active Learning	3.88	0.35	0.13	4.63	0.74	0.26
01268.03.1	Learning Strategies	4.25	0.46	0.16	5.00	0.53	0.19
01268.03.1	Monitoring	3.50	0.53	0.19	3.88	0.35	0.13
01268.03.1	Social Perceptiveness	3.75	0.46	0.16	4.50	0.53	0.19
01268.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
01268.03.1	Persuasion	2.63	0.52	0.18	2.88	0.35	0.13
01268.03.1	Negotiation	2.50	0.53	0.19	2.50	0.53	0.19
01268.03.1	Instructing	4.13	0.35	0.13	4.25	0.46	0.16
01268.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01268.03.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01268.03.1	Operations Analysis	2.50	0.76	0.27	2.25	1.04	0.37
01268.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01268.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Programming	1.88	0.64	0.23	1.00	0.76	0.27
01268.03.1	Operations Monitoring	1.38	0.52	0.18	0.38	0.52	0.18
01268.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01268.03.1	Quality Control Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01268.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.13	0.35	0.13
01268.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01268.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.71	0.25
01268.03.1	Time Management	3.00	0.00	0.00	3.50	0.53	0.19
01268.03.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01268.03.1	M. of Material Resources	1.88	0.35	0.13	1.00	0.53	0.19
01268.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Sociology Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01269.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
01269.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01269.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01269.03.1	Speaking	4.63	0.52	0.18	4.75	0.46	0.16
01269.03.1	Mathematics	2.13	0.35	0.13	3.25	0.71	0.25
01269.03.1	Science	2.75	0.71	0.25	3.75	0.71	0.25
01269.03.1	Critical Thinking	3.75	0.46	0.16	4.13	0.35	0.13
01269.03.1	Active Learning	3.63	0.52	0.18	4.38	0.92	0.32
01269.03.1	Learning Strategies	4.00	0.00	0.00	4.88	0.64	0.23
01269.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
01269.03.1	Social Perceptiveness	3.63	0.52	0.18	3.88	0.64	0.23
01269.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
01269.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
01269.03.1	Negotiation	2.63	0.52	0.18	2.75	0.46	0.16
01269.03.1	Instructing	4.00	0.00	0.00	4.63	0.52	0.18
01269.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01269.03.1	Complex Problem Solving	3.13	0.64	0.23	3.75	0.71	0.25
01269.03.1	Operations Analysis	2.63	0.52	0.18	2.50	0.76	0.27
01269.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
01269.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
01269.03.1	Operations Monitoring	1.38	0.52	0.18	0.38	0.52	0.18
01269.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01269.03.1	Quality Control Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01269.03.1	Judg. and Dec. Making	3.25	0.46	0.16	4.00	0.53	0.19
01269.03.1	Systems Analysis	2.88	0.35	0.13	3.25	0.71	0.25
01269.03.1	Systems Evaluation	2.88	0.35	0.13	3.25	0.71	0.25
01269.03.1	Time Management	3.38	0.52	0.18	3.63	0.52	0.18
01269.03.1	M. of Financial Resources	1.63	0.52	0.18	0.75	0.71	0.25
01269.03.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
01269.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.63	0.74	0.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Health Specialties Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00250.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.00	0.00
00250.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
00250.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
00250.03.1	Speaking	4.13	0.35	0.13	4.88	0.35	0.13
00250.03.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
00250.03.1	Science	3.25	0.46	0.16	3.50	0.53	0.19
00250.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
00250.03.1	Active Learning	4.00	0.00	0.00	4.00	0.00	0.00
00250.03.1	Learning Strategies	4.00	0.00	0.00	4.13	0.35	0.13
00250.03.1	Monitoring	3.63	0.52	0.18	3.88	0.35	0.13
00250.03.1	Social Perceptiveness	3.25	0.46	0.16	3.63	0.52	0.18
00250.03.1	Coordination	3.13	0.35	0.13	3.50	0.53	0.19
00250.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00250.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00250.03.1	Instructing	4.13	0.35	0.13	4.38	0.52	0.18
00250.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00250.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.00	0.00
00250.03.1	Operations Analysis	2.38	0.74	0.26	2.75	0.71	0.25
00250.03.1	Technology Design	1.38	0.52	0.18	0.50	0.76	0.27
00250.03.1	Equipment Selection	1.63	0.52	0.18	0.63	0.52	0.18
00250.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00250.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00250.03.1	Operations Monitoring	1.88	0.35	0.13	1.38	0.74	0.26
00250.03.1	Operation and Control	1.63	0.52	0.18	0.63	0.52	0.18
00250.03.1	Equipment Maintenance	1.63	0.52	0.18	0.75	0.71	0.25
00250.03.1	Troubleshooting	1.63	0.52	0.18	0.75	0.71	0.25
00250.03.1	Repairing	1.63	0.52	0.18	0.75	0.71	0.25
00250.03.1	Quality Control Analysis	2.00	0.53	0.19	1.38	0.92	0.32
00250.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00250.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00250.03.1	Systems Evaluation	2.88	0.35	0.13	2.88	0.35	0.13
00250.03.1	Time Management	3.75	0.46	0.16	3.88	0.35	0.13
00250.03.1	M. of Financial Resources	1.88	0.35	0.13	1.13	0.64	0.23
00250.03.1	M. of Material Resources	1.88	0.35	0.13	1.25	0.71	0.25
00250.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Nursing Instructors and Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00243.03.1	Reading Comprehension	4.00	0.00	0.00	5.00	0.00	0.00
00243.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
00243.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
00243.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
00243.03.1	Mathematics	2.88	0.35	0.13	2.88	0.35	0.13
00243.03.1	Science	2.88	0.83	0.30	2.75	1.16	0.41
00243.03.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
00243.03.1	Active Learning	3.88	0.35	0.13	4.00	0.53	0.19
00243.03.1	Learning Strategies	4.13	0.35	0.13	4.25	0.46	0.16
00243.03.1	Monitoring	3.88	0.35	0.13	4.13	0.35	0.13
00243.03.1	Social Perceptiveness	3.75	0.46	0.16	4.00	0.53	0.19
00243.03.1	Coordination	3.75	0.46	0.16	4.00	0.00	0.00
00243.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
00243.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00243.03.1	Instructing	4.25	0.46	0.16	5.00	0.00	0.00
00243.03.1	Service Orientation	3.25	0.46	0.16	3.25	0.46	0.16
00243.03.1	Complex Problem Solving	3.63	0.52	0.18	4.00	0.00	0.00
00243.03.1	Operations Analysis	2.38	0.52	0.18	2.50	0.53	0.19
00243.03.1	Technology Design	1.88	0.35	0.13	1.13	0.64	0.23
00243.03.1	Equipment Selection	1.25	0.46	0.16	0.38	0.74	0.26
00243.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00243.03.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
00243.03.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.00	0.00
00243.03.1	Operation and Control	1.50	0.53	0.19	0.63	0.74	0.26
00243.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00243.03.1	Troubleshooting	2.00	0.00	0.00	1.00	0.00	0.00
00243.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00243.03.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.35	0.13
00243.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00243.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.46	0.16
00243.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
00243.03.1	Time Management	3.25	0.46	0.16	3.75	0.46	0.16
00243.03.1	M. of Financial Resources	2.00	0.00	0.00	1.63	1.06	0.38
00243.03.1	M. of Material Resources	2.00	0.00	0.00	1.75	0.46	0.16
00243.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Education Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01271.03.1	Reading Comprehension	4.25	0.46	0.16	4.88	0.64	0.23
01271.03.1	Active Listening	4.13	0.35	0.13	4.63	0.52	0.18
01271.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
01271.03.1	Speaking	4.63	0.52	0.18	4.88	0.35	0.13
01271.03.1	Mathematics	2.13	0.35	0.13	2.25	0.71	0.25
01271.03.1	Science	2.00	0.53	0.19	2.00	0.93	0.33
01271.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
01271.03.1	Active Learning	4.00	0.00	0.00	4.25	0.46	0.16
01271.03.1	Learning Strategies	4.13	0.35	0.13	4.50	0.76	0.27
01271.03.1	Monitoring	3.88	0.35	0.13	4.00	0.00	0.00
01271.03.1	Social Perceptiveness	3.25	0.46	0.16	3.63	0.52	0.18
01271.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01271.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
01271.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01271.03.1	Instructing	4.13	0.35	0.13	4.25	0.46	0.16
01271.03.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
01271.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.53	0.19
01271.03.1	Operations Analysis	2.63	0.52	0.18	2.63	0.52	0.18
01271.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01271.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
01271.03.1	Operations Monitoring	1.25	0.46	0.16	0.25	0.46	0.16
01271.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01271.03.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01271.03.1	Judg. and Dec. Making	3.13	0.35	0.13	4.00	0.53	0.19
01271.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.71	0.25
01271.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.71	0.25
01271.03.1	Time Management	3.50	0.53	0.19	3.50	0.76	0.27
01271.03.1	M. of Financial Resources	1.88	0.64	0.23	1.25	1.04	0.37
01271.03.1	M. of Material Resources	2.13	0.35	0.13	1.88	0.35	0.13
01271.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Library Science Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01272.03.1	Reading Comprehension	4.13	0.35	0.13	5.00	0.53	0.19
01272.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
01272.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01272.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01272.03.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
01272.03.1	Science	2.13	0.35	0.13	2.13	0.35	0.13
01272.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
01272.03.1	Active Learning	4.00	0.53	0.19	4.38	0.74	0.26
01272.03.1	Learning Strategies	4.00	0.53	0.19	4.38	0.74	0.26
01272.03.1	Monitoring	4.00	0.53	0.19	4.13	0.35	0.13
01272.03.1	Social Perceptiveness	3.25	0.46	0.16	3.63	0.52	0.18
01272.03.1	Coordination	3.13	0.35	0.13	3.25	0.46	0.16
01272.03.1	Persuasion	2.75	0.46	0.16	2.75	0.46	0.16
01272.03.1	Negotiation	2.63	0.52	0.18	2.63	0.52	0.18
01272.03.1	Instructing	4.25	0.46	0.16	4.13	0.35	0.13
01272.03.1	Service Orientation	3.00	0.53	0.19	2.88	0.35	0.13
01272.03.1	Complex Problem Solving	3.63	0.52	0.18	3.75	0.46	0.16
01272.03.1	Operations Analysis	2.00	0.76	0.27	1.63	1.06	0.38
01272.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01272.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01272.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01272.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01272.03.1	Quality Control Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01272.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.75	0.71	0.25
01272.03.1	Systems Analysis	3.13	0.35	0.13	3.38	0.74	0.26
01272.03.1	Systems Evaluation	3.13	0.35	0.13	3.38	0.74	0.26
01272.03.1	Time Management	3.00	0.00	0.00	3.50	0.53	0.19
01272.03.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
01272.03.1	M. of Material Resources	1.75	0.46	0.16	1.38	0.92	0.32
01272.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE_M > 0.51

Criminal Justice and Law Enforcement Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01273.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
01273.03.1	Active Listening	4.13	0.35	0.13	4.75	0.46	0.16
01273.03.1	Writing	4.00	0.00	0.00	4.50	0.53	0.19
01273.03.1	Speaking	4.75	0.46	0.16	4.88	0.35	0.13
01273.03.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
01273.03.1	Science	1.75	0.46	0.16	1.50	0.93	0.33
01273.03.1	Critical Thinking	4.13	0.35	0.13	4.13	0.35	0.13
01273.03.1	Active Learning	4.00	0.00	0.00	4.00	0.00	0.00
01273.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
01273.03.1	Monitoring	3.88	0.35	0.13	4.00	0.00	0.00
01273.03.1	Social Perceptiveness	3.13	0.35	0.13	3.75	0.46	0.16
01273.03.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
01273.03.1	Persuasion	2.88	0.35	0.13	3.00	0.53	0.19
01273.03.1	Negotiation	2.75	0.46	0.16	2.75	0.46	0.16
01273.03.1	Instructing	4.00	0.00	0.00	4.13	0.35	0.13
01273.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01273.03.1	Complex Problem Solving	3.13	0.35	0.13	3.75	0.46	0.16
01273.03.1	Operations Analysis	2.63	0.52	0.18	2.25	0.46	0.16
01273.03.1	Technology Design	1.25	0.46	0.16	0.38	0.74	0.26
01273.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
01273.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01273.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01273.03.1	Quality Control Analysis	1.13	0.35	0.13	0.13	0.35	0.13
01273.03.1	Judg. and Dec. Making	3.63	0.52	0.18	3.63	0.52	0.18
01273.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01273.03.1	Systems Evaluation	2.88	0.35	0.13	2.88	0.35	0.13
01273.03.1	Time Management	3.13	0.35	0.13	3.25	0.46	0.16
01273.03.1	M. of Financial Resources	1.50	0.53	0.19	0.50	0.53	0.19
01273.03.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
01273.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Law Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01274.03.1	Reading Comprehension	4.25	0.46	0.16	5.13	0.35	0.13
01274.03.1	Active Listening	4.25	0.46	0.16	4.88	0.64	0.23
01274.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01274.03.1	Speaking	4.63	0.52	0.18	5.00	0.00	0.00
01274.03.1	Mathematics	2.00	0.00	0.00	2.25	0.46	0.16
01274.03.1	Science	1.63	0.52	0.18	0.75	0.71	0.25
01274.03.1	Critical Thinking	4.00	0.00	0.00	4.88	0.64	0.23
01274.03.1	Active Learning	4.00	0.00	0.00	4.75	0.46	0.16
01274.03.1	Learning Strategies	4.25	0.46	0.16	4.50	0.76	0.27
01274.03.1	Monitoring	3.38	0.52	0.18	3.75	0.46	0.16
01274.03.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
01274.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01274.03.1	Persuasion	3.00	0.00	0.00	3.75	0.71	0.25
01274.03.1	Negotiation	2.88	0.35	0.13	3.13	0.35	0.13
01274.03.1	Instructing	4.13	0.35	0.13	4.38	0.52	0.18
01274.03.1	Service Orientation	2.75	0.46	0.16	3.00	0.53	0.19
01274.03.1	Complex Problem Solving	3.50	0.53	0.19	3.75	0.46	0.16
01274.03.1	Operations Analysis	1.88	0.64	0.23	1.25	0.89	0.31
01274.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01274.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01274.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01274.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01274.03.1	Quality Control Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01274.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.13	0.35	0.13
01274.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01274.03.1	Systems Evaluation	3.13	0.35	0.13	3.50	0.76	0.27
01274.03.1	Time Management	2.88	0.35	0.13	3.13	0.64	0.23
01274.03.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01274.03.1	M. of Material Resources	1.50	0.53	0.19	0.63	0.74	0.26
01274.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Art, Drama, and Music Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00252.03.1	Reading Comprehension	4.00	0.00	0.00	4.63	0.52	0.18
00252.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
00252.03.1	Writing	3.88	0.35	0.13	4.13	0.35	0.13
00252.03.1	Speaking	4.63	0.52	0.18	4.75	0.46	0.16
00252.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
00252.03.1	Science	1.75	0.46	0.16	1.13	0.83	0.30
00252.03.1	Critical Thinking	3.63	0.52	0.18	3.88	0.35	0.13
00252.03.1	Active Learning	4.00	0.00	0.00	4.25	0.46	0.16
00252.03.1	Learning Strategies	4.13	0.35	0.13	4.25	0.46	0.16
00252.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
00252.03.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
00252.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00252.03.1	Persuasion	2.75	0.46	0.16	3.00	0.00	0.00
00252.03.1	Negotiation	2.50	0.53	0.19	2.75	0.46	0.16
00252.03.1	Instructing	4.38	0.52	0.18	4.75	0.46	0.16
00252.03.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00252.03.1	Complex Problem Solving	3.38	0.74	0.26	3.38	0.52	0.18
00252.03.1	Operations Analysis	2.63	0.52	0.18	2.63	0.52	0.18
00252.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00252.03.1	Equipment Selection	1.25	0.46	0.16	0.25	0.46	0.16
00252.03.1	Installation	1.13	0.35	0.13	0.25	0.71	0.25
00252.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00252.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
00252.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
00252.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00252.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00252.03.1	Repairing	1.38	0.52	0.18	0.50	0.76	0.27
00252.03.1	Quality Control Analysis	1.63	0.52	0.18	0.75	0.71	0.25
00252.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.63	0.52	0.18
00252.03.1	Systems Analysis	3.00	0.53	0.19	3.00	0.00	0.00
00252.03.1	Systems Evaluation	2.88	0.64	0.23	3.00	0.53	0.19
00252.03.1	Time Management	3.63	0.52	0.18	3.75	0.71	0.25
00252.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
00252.03.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
00252.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE_M > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Communications Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01276.03.1	Reading Comprehension	4.13	0.35	0.13	4.75	0.46	0.16
01276.03.1	Active Listening	4.13	0.35	0.13	4.13	0.35	0.13
01276.03.1	Writing	4.00	0.00	0.00	4.63	0.74	0.26
01276.03.1	Speaking	4.13	0.35	0.13	4.88	0.35	0.13
01276.03.1	Mathematics	2.13	0.35	0.13	2.75	0.46	0.16
01276.03.1	Science	2.00	0.00	0.00	1.88	0.35	0.13
01276.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01276.03.1	Active Learning	4.00	0.00	0.00	4.25	0.46	0.16
01276.03.1	Learning Strategies	4.00	0.00	0.00	4.50	0.53	0.19
01276.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
01276.03.1	Social Perceptiveness	3.25	0.46	0.16	3.63	0.52	0.18
01276.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01276.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01276.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01276.03.1	Instructing	4.13	0.64	0.23	4.63	0.74	0.26
01276.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01276.03.1	Complex Problem Solving	3.63	0.52	0.18	3.50	0.53	0.19
01276.03.1	Operations Analysis	2.13	0.35	0.13	2.13	0.35	0.13
01276.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01276.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01276.03.1	Operations Monitoring	1.75	0.46	0.16	0.75	0.46	0.16
01276.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01276.03.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
01276.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.88	0.35	0.13
01276.03.1	Systems Analysis	3.00	0.00	0.00	3.13	0.35	0.13
01276.03.1	Systems Evaluation	3.00	0.00	0.00	3.00	0.00	0.00
01276.03.1	Time Management	3.13	0.35	0.13	3.38	0.52	0.18
01276.03.1	M. of Financial Resources	2.00	0.00	0.00	1.50	1.07	0.38
01276.03.1	M. of Material Resources	2.13	0.35	0.13	1.13	0.35	0.13
01276.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

English Language and Literature Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01277.03.1	Reading Comprehension	4.75	0.46	0.16	5.00	0.00	0.00
01277.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
01277.03.1	Writing	4.25	0.46	0.16	4.88	0.35	0.13
01277.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01277.03.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
01277.03.1	Science	1.75	0.46	0.16	0.88	0.64	0.23
01277.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
01277.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
01277.03.1	Learning Strategies	4.00	0.00	0.00	5.00	0.00	0.00
01277.03.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
01277.03.1	Social Perceptiveness	3.13	0.35	0.13	3.75	0.46	0.16
01277.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01277.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01277.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01277.03.1	Instructing	4.63	0.52	0.18	4.38	0.52	0.18
01277.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
01277.03.1	Complex Problem Solving	3.25	0.46	0.16	3.50	0.53	0.19
01277.03.1	Operations Analysis	2.13	0.64	0.23	2.00	0.93	0.33
01277.03.1	Technology Design	1.50	0.76	0.27	0.50	0.76	0.27
01277.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Programming	1.38	0.52	0.18	0.63	0.92	0.32
01277.03.1	Operations Monitoring	1.25	0.46	0.16	0.25	0.46	0.16
01277.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01277.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.75	0.46	0.16
01277.03.1	Systems Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01277.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01277.03.1	Time Management	3.13	0.35	0.13	3.25	0.46	0.16
01277.03.1	M. of Financial Resources	1.00	0.00	0.00	0.00	0.00	0.00
01277.03.1	M. of Material Resources	1.50	0.53	0.19	0.50	0.53	0.19
01277.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Foreign Language and Literature Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01278.03.1	Reading Comprehension	4.00	0.00	0.00	4.88	0.35	0.13
01278.03.1	Active Listening	4.00	0.00	0.00	4.63	0.52	0.18
01278.03.1	Writing	4.00	0.00	0.00	4.75	0.46	0.16
01278.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01278.03.1	Mathematics	2.00	0.00	0.00	1.63	0.52	0.18
01278.03.1	Science	1.75	0.46	0.16	1.38	0.92	0.32
01278.03.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
01278.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
01278.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
01278.03.1	Monitoring	3.63	0.52	0.18	3.88	0.35	0.13
01278.03.1	Social Perceptiveness	3.25	0.46	0.16	3.63	0.52	0.18
01278.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01278.03.1	Persuasion	2.75	0.46	0.16	2.75	0.46	0.16
01278.03.1	Negotiation	2.75	0.46	0.16	2.75	0.46	0.16
01278.03.1	Instructing	4.00	0.00	0.00	4.13	0.35	0.13
01278.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01278.03.1	Complex Problem Solving	3.50	0.53	0.19	3.63	0.52	0.18
01278.03.1	Operations Analysis	2.38	0.74	0.26	2.38	1.06	0.38
01278.03.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
01278.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01278.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01278.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01278.03.1	Quality Control Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01278.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.75	0.46	0.16
01278.03.1	Systems Analysis	2.75	0.46	0.16	2.88	0.35	0.13
01278.03.1	Systems Evaluation	2.75	0.46	0.16	3.00	0.00	0.00
01278.03.1	Time Management	3.00	0.00	0.00	3.25	0.46	0.16
01278.03.1	M. of Financial Resources	1.13	0.35	0.13	0.13	0.35	0.13
01278.03.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
01278.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

History Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01279.03.1	Reading Comprehension	4.25	0.46	0.16	4.75	0.46	0.16
01279.03.1	Active Listening	4.00	0.53	0.19	4.13	0.35	0.13
01279.03.1	Writing	4.13	0.35	0.13	4.75	0.46	0.16
01279.03.1	Speaking	4.50	0.53	0.19	4.75	0.46	0.16
01279.03.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
01279.03.1	Science	1.88	0.35	0.13	1.75	0.71	0.25
01279.03.1	Critical Thinking	3.88	0.35	0.13	3.88	0.35	0.13
01279.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
01279.03.1	Learning Strategies	4.13	0.35	0.13	4.25	0.46	0.16
01279.03.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
01279.03.1	Social Perceptiveness	3.25	0.46	0.16	3.88	0.64	0.23
01279.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
01279.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01279.03.1	Negotiation	3.00	0.00	0.00	2.88	0.35	0.13
01279.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
01279.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
01279.03.1	Complex Problem Solving	3.38	0.52	0.18	3.75	0.46	0.16
01279.03.1	Operations Analysis	2.50	0.53	0.19	2.50	0.53	0.19
01279.03.1	Technology Design	1.13	0.35	0.13	0.25	0.71	0.25
01279.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01279.03.1	Operations Monitoring	1.38	0.52	0.18	0.38	0.52	0.18
01279.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01279.03.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01279.03.1	Judg. and Dec. Making	3.63	0.52	0.18	3.75	0.46	0.16
01279.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
01279.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01279.03.1	Time Management	3.75	0.46	0.16	3.75	0.46	0.16
01279.03.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
01279.03.1	M. of Material Resources	1.75	0.46	0.16	0.75	0.46	0.16
01279.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Philosophy and Religion Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01280.03.1	Reading Comprehension	4.25	0.46	0.16	4.88	0.35	0.13
01280.03.1	Active Listening	4.13	0.35	0.13	4.38	0.52	0.18
01280.03.1	Writing	4.00	0.00	0.00	5.00	0.00	0.00
01280.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01280.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
01280.03.1	Science	1.75	0.46	0.16	1.38	0.92	0.32
01280.03.1	Critical Thinking	4.00	0.00	0.00	4.25	0.46	0.16
01280.03.1	Active Learning	3.75	0.46	0.16	4.38	0.74	0.26
01280.03.1	Learning Strategies	3.88	0.64	0.23	4.63	0.74	0.26
01280.03.1	Monitoring	3.25	0.46	0.16	3.88	0.35	0.13
01280.03.1	Social Perceptiveness	3.38	0.52	0.18	3.38	0.52	0.18
01280.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01280.03.1	Persuasion	2.88	0.35	0.13	3.13	0.35	0.13
01280.03.1	Negotiation	2.38	0.52	0.18	2.50	0.53	0.19
01280.03.1	Instructing	4.13	0.35	0.13	4.38	0.52	0.18
01280.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.53	0.19
01280.03.1	Complex Problem Solving	3.50	0.53	0.19	3.75	0.46	0.16
01280.03.1	Operations Analysis	2.38	0.74	0.26	1.88	0.99	0.35
01280.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01280.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01280.03.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01280.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01280.03.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
01280.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.63	0.74	0.26
01280.03.1	Systems Analysis	3.00	0.00	0.00	3.13	0.35	0.13
01280.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
01280.03.1	Time Management	3.00	0.00	0.00	3.00	0.53	0.19
01280.03.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01280.03.1	M. of Material Resources	1.75	0.71	0.25	0.88	0.99	0.35
01280.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Home Economics Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01281.03.1	Reading Comprehension	4.00	0.00	0.00	4.63	0.52	0.18
01281.03.1	Active Listening	4.00	0.00	0.00	4.25	0.46	0.16
01281.03.1	Writing	3.63	0.52	0.18	4.13	0.35	0.13
01281.03.1	Speaking	4.13	0.35	0.13	4.75	0.46	0.16
01281.03.1	Mathematics	2.63	0.52	0.18	2.88	0.64	0.23
01281.03.1	Science	2.25	0.46	0.16	2.25	0.46	0.16
01281.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
01281.03.1	Active Learning	3.63	0.52	0.18	4.13	0.35	0.13
01281.03.1	Learning Strategies	4.00	0.00	0.00	4.25	0.46	0.16
01281.03.1	Monitoring	3.50	0.53	0.19	4.00	0.53	0.19
01281.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
01281.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01281.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
01281.03.1	Negotiation	2.38	0.52	0.18	2.50	0.53	0.19
01281.03.1	Instructing	4.00	0.00	0.00	4.25	0.46	0.16
01281.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.53	0.19
01281.03.1	Complex Problem Solving	3.13	0.35	0.13	3.25	0.46	0.16
01281.03.1	Operations Analysis	2.38	0.52	0.18	2.25	0.46	0.16
01281.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01281.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01281.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01281.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01281.03.1	Operations Monitoring	1.63	0.52	0.18	0.63	0.52	0.18
01281.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01281.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01281.03.1	Troubleshooting	1.38	0.52	0.18	0.38	0.52	0.18
01281.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01281.03.1	Quality Control Analysis	1.88	0.64	0.23	1.38	0.92	0.32
01281.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.63	0.52	0.18
01281.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01281.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.71	0.25
01281.03.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
01281.03.1	M. of Financial Resources	1.63	0.52	0.18	0.88	0.83	0.30
01281.03.1	M. of Material Resources	2.00	0.53	0.19	1.38	0.92	0.32
01281.03.1	M. of Personnel Resources	2.63	0.74	0.26	2.63	1.06	0.38

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Recreation and Fitness Studies Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01282.03.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01282.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01282.03.1	Writing	4.00	0.00	0.00	4.13	0.35	0.13
01282.03.1	Speaking	4.13	0.35	0.13	4.13	0.35	0.13
01282.03.1	Mathematics	2.13	0.35	0.13	2.63	0.52	0.18
01282.03.1	Science	2.38	0.52	0.18	2.75	0.46	0.16
01282.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01282.03.1	Active Learning	3.38	0.52	0.18	4.00	0.00	0.00
01282.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
01282.03.1	Monitoring	3.75	0.46	0.16	4.00	0.00	0.00
01282.03.1	Social Perceptiveness	3.13	0.35	0.13	3.88	0.35	0.13
01282.03.1	Coordination	3.13	0.35	0.13	3.25	0.46	0.16
01282.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
01282.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01282.03.1	Instructing	4.13	0.35	0.13	4.25	0.46	0.16
01282.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01282.03.1	Complex Problem Solving	3.63	0.52	0.18	3.38	0.52	0.18
01282.03.1	Operations Analysis	2.63	0.52	0.18	2.63	0.52	0.18
01282.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
01282.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01282.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01282.03.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
01282.03.1	Operations Monitoring	1.88	0.35	0.13	1.13	0.64	0.23
01282.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01282.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01282.03.1	Troubleshooting	1.75	0.46	0.16	0.75	0.46	0.16
01282.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01282.03.1	Quality Control Analysis	2.00	0.00	0.00	1.13	0.35	0.13
01282.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
01282.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01282.03.1	Systems Evaluation	3.00	0.00	0.00	3.13	0.35	0.13
01282.03.1	Time Management	3.75	0.46	0.16	3.38	0.52	0.18
01282.03.1	M. of Financial Resources	2.13	0.35	0.13	1.38	0.74	0.26
01282.03.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
01282.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Vocational Education Teachers, Postsecondary

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00266.03.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
00266.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00266.03.1	Writing	3.63	0.52	0.18	4.00	0.00	0.00
00266.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00266.03.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
00266.03.1	Science	1.88	0.35	0.13	1.00	0.53	0.19
00266.03.1	Critical Thinking	3.75	0.46	0.16	3.75	0.46	0.16
00266.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
00266.03.1	Learning Strategies	4.00	0.00	0.00	4.00	0.00	0.00
00266.03.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
00266.03.1	Social Perceptiveness	3.25	0.46	0.16	3.25	0.46	0.16
00266.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
00266.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00266.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00266.03.1	Instructing	4.00	0.00	0.00	4.00	0.00	0.00
00266.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00266.03.1	Complex Problem Solving	3.25	0.46	0.16	3.13	0.35	0.13
00266.03.1	Operations Analysis	2.50	0.53	0.19	2.63	0.52	0.18
00266.03.1	Technology Design	1.88	0.35	0.13	1.13	0.64	0.23
00266.03.1	Equipment Selection	2.25	0.46	0.16	2.13	0.64	0.23
00266.03.1	Installation	1.13	0.35	0.13	0.25	0.71	0.25
00266.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
00266.03.1	Operations Monitoring	2.38	0.52	0.18	2.50	0.53	0.19
00266.03.1	Operation and Control	2.25	0.46	0.16	1.88	0.64	0.23
00266.03.1	Equipment Maintenance	1.88	0.83	0.30	1.38	1.19	0.42
00266.03.1	Troubleshooting	2.25	0.46	0.16	1.88	0.83	0.30
00266.03.1	Repairing	1.75	0.71	0.25	1.25	1.04	0.37
00266.03.1	Quality Control Analysis	2.25	0.46	0.16	2.38	0.52	0.18
00266.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.00	0.00	0.00
00266.03.1	Systems Analysis	2.75	0.46	0.16	2.63	0.52	0.18
00266.03.1	Systems Evaluation	2.75	0.46	0.16	2.88	0.35	0.13
00266.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00266.03.1	M. of Financial Resources	2.00	0.00	0.00	1.50	0.53	0.19
00266.03.1	M. of Material Resources	2.00	0.00	0.00	1.88	0.64	0.23
00266.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Preschool Teachers, Except Special Education

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00257.03.1	Reading Comprehension	3.75	0.46	0.16	3.25	0.46	0.16
00257.03.1	Active Listening	3.88	0.35	0.13	3.13	0.35	0.13
00257.03.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
00257.03.1	Speaking	4.00	0.00	0.00	3.13	0.35	0.13
00257.03.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
00257.03.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00257.03.1	Critical Thinking	3.75	0.46	0.16	3.13	0.35	0.13
00257.03.1	Active Learning	3.13	0.35	0.13	3.00	0.00	0.00
00257.03.1	Learning Strategies	3.88	0.35	0.13	4.00	0.00	0.00
00257.03.1	Monitoring	3.75	0.46	0.16	3.50	0.53	0.19
00257.03.1	Social Perceptiveness	3.75	0.46	0.16	3.63	0.52	0.18
00257.03.1	Coordination	3.75	0.46	0.16	3.63	0.52	0.18
00257.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00257.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
00257.03.1	Instructing	4.00	0.00	0.00	3.25	0.46	0.16
00257.03.1	Service Orientation	3.63	0.52	0.18	3.00	0.00	0.00
00257.03.1	Complex Problem Solving	3.00	0.00	0.00	3.00	0.00	0.00
00257.03.1	Operations Analysis	1.75	0.46	0.16	1.38	0.92	0.32
00257.03.1	Technology Design	1.50	0.53	0.19	0.63	0.74	0.26
00257.03.1	Equipment Selection	1.38	0.52	0.18	0.38	0.52	0.18
00257.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00257.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00257.03.1	Operations Monitoring	1.75	0.46	0.16	1.00	0.76	0.27
00257.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00257.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00257.03.1	Troubleshooting	1.75	0.46	0.16	0.75	0.46	0.16
00257.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00257.03.1	Quality Control Analysis	2.00	0.00	0.00	1.75	0.46	0.16
00257.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
00257.03.1	Systems Analysis	2.50	0.53	0.19	2.00	0.00	0.00
00257.03.1	Systems Evaluation	2.75	0.46	0.16	2.13	0.35	0.13
00257.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00257.03.1	M. of Financial Resources	1.50	0.53	0.19	0.63	0.74	0.26
00257.03.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
00257.03.1	M. of Personnel Resources	2.88	0.35	0.13	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Special Education Teachers, Preschool

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01694.01.2	Reading Comprehension	3.88	0.35	0.13	4.13	0.35	0.13
01694.01.2	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01694.01.2	Writing	3.75	0.46	0.16	4.00	0.53	0.19
01694.01.2	Speaking	4.13	0.35	0.13	4.25	0.46	0.16
01694.01.2	Mathematics	2.25	0.71	0.25	2.13	1.25	0.44
01694.01.2	Science	2.00	0.76	0.27	1.50	1.07	0.38
01694.01.2	Critical Thinking	3.88	0.35	0.13	3.88	0.64	0.23
01694.01.2	Active Learning	3.63	0.52	0.18	3.75	0.71	0.25
01694.01.2	Learning Strategies	3.75	0.46	0.16	4.00	0.76	0.27
01694.01.2	Monitoring	3.75	0.46	0.16	4.00	0.53	0.19
01694.01.2	Social Perceptiveness	3.88	0.35	0.13	4.00	0.53	0.19
01694.01.2	Coordination	3.25	0.46	0.16	3.50	0.53	0.19
01694.01.2	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
01694.01.2	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01694.01.2	Instructing	3.63	0.74	0.26	3.25	0.71	0.25
01694.01.2	Service Orientation	3.63	0.52	0.18	3.50	0.53	0.19
01694.01.2	Complex Problem Solving	3.25	0.71	0.25	3.38	0.52	0.18
01694.01.2	Operations Analysis	1.75	0.71	0.25	1.25	1.16	0.41
01694.01.2	Technology Design	1.50	0.53	0.19	0.75	0.89	0.31
01694.01.2	Equipment Selection	1.13	0.35	0.13	0.25	0.71	0.25
01694.01.2	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01694.01.2	Programming	1.75	0.46	0.16	1.00	0.76	0.27
01694.01.2	Operations Monitoring	1.75	0.46	0.16	1.25	0.89	0.31
01694.01.2	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01694.01.2	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01694.01.2	Troubleshooting	1.38	0.52	0.18	0.50	0.76	0.27
01694.01.2	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01694.01.2	Quality Control Analysis	1.88	0.35	0.13	1.25	0.71	0.25
01694.01.2	Judg. and Dec. Making	3.38	0.52	0.18	3.38	0.52	0.18
01694.01.2	Systems Analysis	3.13	0.64	0.23	3.25	0.71	0.25
01694.01.2	Systems Evaluation	3.13	0.64	0.23	3.25	0.71	0.25
01694.01.2	Time Management	3.13	0.35	0.13	3.00	0.53	0.19
01694.01.2	M. of Financial Resources	1.25	0.46	0.16	0.38	0.74	0.26
01694.01.2	M. of Material Resources	1.63	0.52	0.18	1.13	0.99	0.35
01694.01.2	M. of Personnel Resources	2.63	0.52	0.18	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Self-Enrichment Education Teachers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01292.03.1	Reading Comprehension	3.13	0.35	0.13	3.75	0.46	0.16
01292.03.1	Active Listening	3.38	0.52	0.18	3.25	0.46	0.16
01292.03.1	Writing	3.00	0.00	0.00	3.13	0.35	0.13
01292.03.1	Speaking	3.63	0.52	0.18	3.63	0.52	0.18
01292.03.1	Mathematics	2.00	0.00	0.00	1.63	0.52	0.18
01292.03.1	Science	1.38	0.52	0.18	0.38	0.52	0.18
01292.03.1	Critical Thinking	3.13	0.35	0.13	3.13	0.35	0.13
01292.03.1	Active Learning	3.13	0.35	0.13	3.13	0.35	0.13
01292.03.1	Learning Strategies	3.38	0.52	0.18	3.50	0.76	0.27
01292.03.1	Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
01292.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
01292.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01292.03.1	Persuasion	2.63	0.52	0.18	2.88	0.64	0.23
01292.03.1	Negotiation	2.13	0.35	0.13	2.00	0.00	0.00
01292.03.1	Instructing	3.38	0.52	0.18	3.25	0.46	0.16
01292.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01292.03.1	Complex Problem Solving	2.88	0.64	0.23	2.88	0.64	0.23
01292.03.1	Operations Analysis	1.88	0.64	0.23	1.50	1.07	0.38
01292.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01292.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01292.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01292.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01292.03.1	Operations Monitoring	1.88	0.35	0.13	1.38	0.74	0.26
01292.03.1	Operation and Control	1.63	0.52	0.18	0.75	0.71	0.25
01292.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01292.03.1	Troubleshooting	1.63	0.52	0.18	0.63	0.52	0.18
01292.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01292.03.1	Quality Control Analysis	2.00	0.00	0.00	1.25	0.46	0.16
01292.03.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
01292.03.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01292.03.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
01292.03.1	Time Management	2.88	0.35	0.13	2.75	0.46	0.16
01292.03.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01292.03.1	M. of Material Resources	1.50	0.53	0.19	0.50	0.53	0.19
01292.03.1	M. of Personnel Resources	2.50	0.53	0.19	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Archivists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00276.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00276.03.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
00276.03.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
00276.03.1	Speaking	3.25	0.46	0.16	3.88	0.35	0.13
00276.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
00276.03.1	Science	2.00	0.53	0.19	1.13	0.83	0.30
00276.03.1	Critical Thinking	3.38	0.52	0.18	3.88	0.35	0.13
00276.03.1	Active Learning	3.25	0.46	0.16	3.25	0.46	0.16
00276.03.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
00276.03.1	Monitoring	3.00	0.00	0.00	3.13	0.35	0.13
00276.03.1	Social Perceptiveness	2.75	0.46	0.16	3.00	0.00	0.00
00276.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00276.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
00276.03.1	Negotiation	2.75	0.46	0.16	2.63	0.52	0.18
00276.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00276.03.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
00276.03.1	Complex Problem Solving	3.25	0.46	0.16	3.13	0.35	0.13
00276.03.1	Operations Analysis	2.13	0.35	0.13	2.13	0.35	0.13
00276.03.1	Technology Design	1.88	0.35	0.13	1.25	0.71	0.25
00276.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00276.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00276.03.1	Programming	1.75	0.71	0.25	0.88	0.83	0.30
00276.03.1	Operations Monitoring	2.00	0.00	0.00	1.50	0.53	0.19
00276.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00276.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00276.03.1	Troubleshooting	1.63	0.52	0.18	0.63	0.52	0.18
00276.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00276.03.1	Quality Control Analysis	2.00	0.00	0.00	1.50	0.53	0.19
00276.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.25	0.46	0.16
00276.03.1	Systems Analysis	2.88	0.35	0.13	3.13	0.35	0.13
00276.03.1	Systems Evaluation	2.50	0.53	0.19	2.88	0.35	0.13
00276.03.1	Time Management	3.13	0.35	0.13	3.00	0.00	0.00
00276.03.1	M. of Financial Resources	2.00	0.00	0.00	1.88	0.35	0.13
00276.03.1	M. of Material Resources	2.25	0.46	0.16	2.13	0.64	0.23
00276.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Audio-Visual and Multimedia Collections Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01294.03.1	Reading Comprehension	3.13	0.35	0.13	3.63	0.52	0.18
01294.03.1	Active Listening	3.63	0.52	0.18	3.50	0.53	0.19
01294.03.1	Writing	3.13	0.35	0.13	3.38	0.52	0.18
01294.03.1	Speaking	3.38	0.52	0.18	3.25	0.46	0.16
01294.03.1	Mathematics	2.13	0.35	0.13	2.00	0.53	0.19
01294.03.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
01294.03.1	Critical Thinking	3.50	0.53	0.19	3.63	0.52	0.18
01294.03.1	Active Learning	3.38	0.52	0.18	3.75	0.71	0.25
01294.03.1	Learning Strategies	3.38	0.52	0.18	3.38	0.52	0.18
01294.03.1	Monitoring	3.00	0.00	0.00	3.25	0.46	0.16
01294.03.1	Social Perceptiveness	3.00	0.00	0.00	2.88	0.35	0.13
01294.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01294.03.1	Persuasion	2.38	0.52	0.18	2.25	0.46	0.16
01294.03.1	Negotiation	2.13	0.35	0.13	1.88	0.35	0.13
01294.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
01294.03.1	Service Orientation	2.63	0.52	0.18	2.88	0.35	0.13
01294.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
01294.03.1	Operations Analysis	1.88	0.35	0.13	1.38	0.74	0.26
01294.03.1	Technology Design	2.00	0.53	0.19	1.75	0.89	0.31
01294.03.1	Equipment Selection	2.75	0.46	0.16	2.75	0.46	0.16
01294.03.1	Installation	2.75	0.46	0.16	2.75	0.46	0.16
01294.03.1	Programming	1.63	0.52	0.18	1.00	0.93	0.33
01294.03.1	Operations Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
01294.03.1	Operation and Control	2.75	0.46	0.16	2.75	0.46	0.16
01294.03.1	Equipment Maintenance	2.88	0.35	0.13	2.75	0.46	0.16
01294.03.1	Troubleshooting	3.13	0.35	0.13	3.13	0.35	0.13
01294.03.1	Repairing	2.38	0.52	0.18	2.50	0.53	0.19
01294.03.1	Quality Control Analysis	2.75	0.46	0.16	2.88	0.35	0.13
01294.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
01294.03.1	Systems Analysis	3.13	0.35	0.13	2.88	0.35	0.13
01294.03.1	Systems Evaluation	2.88	0.64	0.23	2.88	0.35	0.13
01294.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01294.03.1	M. of Financial Resources	1.88	0.35	0.13	1.75	0.71	0.25
01294.03.1	M. of Material Resources	2.38	0.52	0.18	2.63	0.52	0.18
01294.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Multimedia Artists and Animators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01298.03.1	Reading Comprehension	3.75	0.46	0.16	4.00	0.00	0.00
01298.03.1	Active Listening	3.88	0.64	0.23	3.88	0.35	0.13
01298.03.1	Writing	3.13	0.35	0.13	3.00	0.00	0.00
01298.03.1	Speaking	3.25	0.46	0.16	3.50	0.53	0.19
01298.03.1	Mathematics	2.13	0.35	0.13	2.38	0.52	0.18
01298.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
01298.03.1	Critical Thinking	3.75	0.46	0.16	3.75	0.46	0.16
01298.03.1	Active Learning	3.13	0.35	0.13	3.38	0.74	0.26
01298.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
01298.03.1	Monitoring	3.00	0.00	0.00	3.25	0.46	0.16
01298.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
01298.03.1	Coordination	2.88	0.35	0.13	3.63	0.52	0.18
01298.03.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
01298.03.1	Negotiation	2.63	0.52	0.18	3.00	0.00	0.00
01298.03.1	Instructing	2.75	0.46	0.16	3.00	0.00	0.00
01298.03.1	Service Orientation	2.75	0.46	0.16	2.88	0.35	0.13
01298.03.1	Complex Problem Solving	3.00	0.53	0.19	3.25	0.46	0.16
01298.03.1	Operations Analysis	2.13	0.64	0.23	1.75	1.49	0.53
01298.03.1	Technology Design	1.88	0.35	0.13	1.75	0.89	0.31
01298.03.1	Equipment Selection	1.88	0.64	0.23	1.13	0.99	0.35
01298.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01298.03.1	Programming	2.13	0.64	0.23	1.63	0.92	0.32
01298.03.1	Operations Monitoring	2.00	0.00	0.00	1.88	0.35	0.13
01298.03.1	Operation and Control	2.25	0.46	0.16	2.00	0.53	0.19
01298.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01298.03.1	Troubleshooting	1.13	0.35	0.13	0.13	0.35	0.13
01298.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01298.03.1	Quality Control Analysis	1.75	0.46	0.16	0.88	0.64	0.23
01298.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
01298.03.1	Systems Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01298.03.1	Systems Evaluation	2.75	0.46	0.16	2.75	0.46	0.16
01298.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01298.03.1	M. of Financial Resources	1.88	0.35	0.13	1.88	0.99	0.35
01298.03.1	M. of Material Resources	1.88	0.35	0.13	1.88	0.83	0.30
01298.03.1	M. of Personnel Resources	2.38	0.52	0.18	2.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Commercial and Industrial Designers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00372.03.1	Reading Comprehension	3.88	0.35	0.13	4.13	0.35	0.13
00372.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00372.03.1	Writing	3.13	0.35	0.13	3.88	0.35	0.13
00372.03.1	Speaking	3.50	0.53	0.19	4.00	0.00	0.00
00372.03.1	Mathematics	2.75	0.46	0.16	3.50	0.76	0.27
00372.03.1	Science	2.63	0.74	0.26	2.75	1.16	0.41
00372.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
00372.03.1	Active Learning	3.00	0.00	0.00	4.00	0.00	0.00
00372.03.1	Learning Strategies	2.75	0.46	0.16	2.88	0.35	0.13
00372.03.1	Monitoring	3.13	0.35	0.13	3.75	0.46	0.16
00372.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
00372.03.1	Coordination	3.13	0.35	0.13	3.63	0.52	0.18
00372.03.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
00372.03.1	Negotiation	2.88	0.35	0.13	2.75	0.46	0.16
00372.03.1	Instructing	2.75	0.46	0.16	2.88	0.35	0.13
00372.03.1	Service Orientation	2.88	0.35	0.13	2.38	0.52	0.18
00372.03.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
00372.03.1	Operations Analysis	3.25	0.71	0.25	3.88	0.83	0.30
00372.03.1	Technology Design	3.13	0.64	0.23	3.63	0.74	0.26
00372.03.1	Equipment Selection	1.88	0.35	0.13	1.88	0.83	0.30
00372.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00372.03.1	Programming	1.88	0.35	0.13	1.50	0.93	0.33
00372.03.1	Operations Monitoring	2.38	0.52	0.18	2.50	0.53	0.19
00372.03.1	Operation and Control	2.00	0.53	0.19	1.50	0.93	0.33
00372.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00372.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
00372.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00372.03.1	Quality Control Analysis	2.75	0.46	0.16	2.88	0.64	0.23
00372.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.75	0.46	0.16
00372.03.1	Systems Analysis	3.00	0.53	0.19	3.50	0.53	0.19
00372.03.1	Systems Evaluation	3.00	0.53	0.19	3.75	0.71	0.25
00372.03.1	Time Management	3.25	0.46	0.16	3.13	0.35	0.13
00372.03.1	M. of Financial Resources	2.00	0.00	0.00	1.75	0.46	0.16
00372.03.1	M. of Material Resources	2.00	0.00	0.00	2.13	0.35	0.13
00372.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Directors- Stage, Motion Pictures, Television, and Radio

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00392.03.1	Reading Comprehension	3.75	0.46	0.16	4.13	0.35	0.13
00392.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00392.03.1	Writing	3.38	0.52	0.18	3.38	0.52	0.18
00392.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00392.03.1	Mathematics	2.00	0.00	0.00	2.00	0.53	0.19
00392.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00392.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.53	0.19
00392.03.1	Active Learning	3.13	0.35	0.13	3.38	0.74	0.26
00392.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00392.03.1	Monitoring	3.63	0.52	0.18	3.88	0.64	0.23
00392.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
00392.03.1	Coordination	3.75	0.46	0.16	4.00	0.53	0.19
00392.03.1	Persuasion	3.13	0.35	0.13	3.25	0.46	0.16
00392.03.1	Negotiation	3.13	0.35	0.13	3.25	0.46	0.16
00392.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00392.03.1	Service Orientation	2.75	0.46	0.16	2.75	0.46	0.16
00392.03.1	Complex Problem Solving	3.13	0.35	0.13	3.25	0.71	0.25
00392.03.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
00392.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00392.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00392.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00392.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00392.03.1	Operations Monitoring	2.25	0.71	0.25	1.75	0.89	0.31
00392.03.1	Operation and Control	1.75	0.71	0.25	1.00	1.07	0.38
00392.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00392.03.1	Troubleshooting	1.63	0.52	0.18	0.75	0.71	0.25
00392.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00392.03.1	Quality Control Analysis	2.13	0.64	0.23	2.00	0.93	0.33
00392.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.63	0.74	0.26
00392.03.1	Systems Analysis	3.00	0.53	0.19	3.25	0.71	0.25
00392.03.1	Systems Evaluation	3.00	0.53	0.19	3.25	0.71	0.25
00392.03.1	Time Management	3.63	0.52	0.18	3.75	0.71	0.25
00392.03.1	M. of Financial Resources	2.25	0.46	0.16	1.75	0.89	0.31
00392.03.1	M. of Material Resources	2.25	0.46	0.16	2.25	0.46	0.16
00392.03.1	M. of Personnel Resources	3.00	0.53	0.19	3.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Talent Directors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00394.02.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
00394.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00394.02.1	Writing	3.25	0.46	0.16	3.25	0.46	0.16
00394.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00394.02.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
00394.02.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00394.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00394.02.1	Active Learning	3.00	0.00	0.00	3.13	0.35	0.13
00394.02.1	Learning Strategies	2.75	0.46	0.16	2.63	0.52	0.18
00394.02.1	Monitoring	3.38	0.74	0.26	3.63	0.52	0.18
00394.02.1	Social Perceptiveness	3.88	0.35	0.13	3.75	0.46	0.16
00394.02.1	Coordination	3.25	0.46	0.16	3.38	0.52	0.18
00394.02.1	Persuasion	3.13	0.35	0.13	3.25	0.46	0.16
00394.02.1	Negotiation	3.38	0.52	0.18	3.75	0.46	0.16
00394.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00394.02.1	Service Orientation	2.75	0.46	0.16	3.00	0.00	0.00
00394.02.1	Complex Problem Solving	3.25	0.46	0.16	3.25	0.46	0.16
00394.02.1	Operations Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00394.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
00394.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00394.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00394.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
00394.02.1	Operations Monitoring	1.38	0.52	0.18	0.50	0.76	0.27
00394.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00394.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00394.02.1	Troubleshooting	1.25	0.46	0.16	0.25	0.46	0.16
00394.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00394.02.1	Quality Control Analysis	1.50	0.53	0.19	0.63	0.74	0.26
00394.02.1	Judg. and Dec. Making	3.88	0.35	0.13	3.50	0.53	0.19
00394.02.1	Systems Analysis	2.63	0.52	0.18	2.88	0.64	0.23
00394.02.1	Systems Evaluation	2.38	0.52	0.18	2.63	0.74	0.26
00394.02.1	Time Management	3.25	0.46	0.16	3.00	0.00	0.00
00394.02.1	M. of Financial Resources	2.00	0.53	0.19	1.75	0.89	0.31
00394.02.1	M. of Material Resources	1.88	0.35	0.13	1.38	0.74	0.26
00394.02.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Technical Directors/Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00395.03.1	Reading Comprehension	3.63	0.52	0.18	4.00	0.00	0.00
00395.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00395.03.1	Writing	3.38	0.52	0.18	3.50	0.53	0.19
00395.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00395.03.1	Mathematics	2.13	0.35	0.13	2.25	0.46	0.16
00395.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00395.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00395.03.1	Active Learning	3.38	0.52	0.18	3.63	0.74	0.26
00395.03.1	Learning Strategies	3.25	0.46	0.16	3.50	0.53	0.19
00395.03.1	Monitoring	4.00	0.00	0.00	4.63	0.52	0.18
00395.03.1	Social Perceptiveness	3.38	0.52	0.18	3.63	0.52	0.18
00395.03.1	Coordination	4.00	0.00	0.00	4.00	0.00	0.00
00395.03.1	Persuasion	3.38	0.52	0.18	3.25	0.46	0.16
00395.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
00395.03.1	Instructing	3.00	0.00	0.00	3.63	0.52	0.18
00395.03.1	Service Orientation	2.75	0.46	0.16	2.88	0.35	0.13
00395.03.1	Complex Problem Solving	3.50	0.76	0.27	3.63	0.74	0.26
00395.03.1	Operations Analysis	2.00	0.53	0.19	1.88	0.83	0.30
00395.03.1	Technology Design	1.88	0.64	0.23	1.63	1.06	0.38
00395.03.1	Equipment Selection	2.50	0.53	0.19	2.75	0.46	0.16
00395.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00395.03.1	Programming	1.75	0.46	0.16	1.13	0.83	0.30
00395.03.1	Operations Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
00395.03.1	Operation and Control	3.00	0.00	0.00	3.00	0.00	0.00
00395.03.1	Equipment Maintenance	2.00	0.00	0.00	2.00	0.00	0.00
00395.03.1	Troubleshooting	2.00	0.00	0.00	2.00	0.00	0.00
00395.03.1	Repairing	1.88	0.35	0.13	1.50	0.76	0.27
00395.03.1	Quality Control Analysis	3.13	0.35	0.13	3.13	0.35	0.13
00395.03.1	Judg. and Dec. Making	3.63	0.52	0.18	3.63	0.52	0.18
00395.03.1	Systems Analysis	3.13	0.35	0.13	3.75	0.46	0.16
00395.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
00395.03.1	Time Management	3.50	0.53	0.19	3.75	0.46	0.16
00395.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
00395.03.1	M. of Material Resources	2.38	0.52	0.18	2.00	0.00	0.00
00395.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Coaches and Scouts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00396.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00396.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00396.03.1	Writing	3.63	0.52	0.18	4.00	0.00	0.00
00396.03.1	Speaking	4.38	0.52	0.18	4.00	0.00	0.00
00396.03.1	Mathematics	2.13	0.35	0.13	2.00	0.00	0.00
00396.03.1	Science	1.63	0.52	0.18	1.13	0.99	0.35
00396.03.1	Critical Thinking	4.00	0.53	0.19	4.00	0.00	0.00
00396.03.1	Active Learning	3.88	0.35	0.13	4.00	0.00	0.00
00396.03.1	Learning Strategies	4.13	0.35	0.13	4.00	0.00	0.00
00396.03.1	Monitoring	4.13	0.35	0.13	4.75	0.46	0.16
00396.03.1	Social Perceptiveness	4.00	0.00	0.00	4.00	0.00	0.00
00396.03.1	Coordination	3.88	0.35	0.13	4.13	0.35	0.13
00396.03.1	Persuasion	3.88	0.35	0.13	4.13	0.35	0.13
00396.03.1	Negotiation	3.63	0.52	0.18	4.00	0.00	0.00
00396.03.1	Instructing	4.75	0.46	0.16	4.75	0.46	0.16
00396.03.1	Service Orientation	3.75	0.46	0.16	3.88	0.35	0.13
00396.03.1	Complex Problem Solving	3.88	0.35	0.13	3.88	0.35	0.13
00396.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.64	0.23
00396.03.1	Technology Design	1.88	0.35	0.13	1.50	0.76	0.27
00396.03.1	Equipment Selection	1.88	0.64	0.23	1.38	0.92	0.32
00396.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00396.03.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
00396.03.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.00	0.00
00396.03.1	Operation and Control	1.63	0.52	0.18	1.25	1.04	0.37
00396.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00396.03.1	Troubleshooting	1.88	0.35	0.13	1.00	0.53	0.19
00396.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00396.03.1	Quality Control Analysis	2.63	0.52	0.18	2.50	0.76	0.27
00396.03.1	Judg. and Dec. Making	4.00	0.53	0.19	4.13	0.64	0.23
00396.03.1	Systems Analysis	3.88	0.35	0.13	3.88	0.35	0.13
00396.03.1	Systems Evaluation	3.63	0.52	0.18	4.13	0.35	0.13
00396.03.1	Time Management	3.88	0.35	0.13	4.00	0.00	0.00
00396.03.1	M. of Financial Resources	2.00	0.00	0.00	2.38	0.74	0.26
00396.03.1	M. of Material Resources	2.50	0.53	0.19	2.63	0.74	0.26
00396.03.1	M. of Personnel Resources	3.88	0.35	0.13	4.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Dancers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00385.02.1	Reading Comprehension	2.75	0.46	0.16	2.88	0.35	0.13
00385.02.1	Active Listening	3.25	0.46	0.16	3.00	0.00	0.00
00385.02.1	Writing	2.50	0.53	0.19	2.50	0.53	0.19
00385.02.1	Speaking	2.88	0.35	0.13	3.00	0.00	0.00
00385.02.1	Mathematics	1.38	0.52	0.18	0.38	0.52	0.18
00385.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Critical Thinking	3.00	0.00	0.00	2.63	0.52	0.18
00385.02.1	Active Learning	2.75	0.46	0.16	2.88	0.35	0.13
00385.02.1	Learning Strategies	2.50	0.53	0.19	2.75	1.16	0.41
00385.02.1	Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
00385.02.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
00385.02.1	Coordination	3.00	0.53	0.19	3.75	0.46	0.16
00385.02.1	Persuasion	2.50	0.53	0.19	2.63	0.52	0.18
00385.02.1	Negotiation	2.00	0.00	0.00	2.13	0.35	0.13
00385.02.1	Instructing	2.50	0.53	0.19	2.75	0.46	0.16
00385.02.1	Service Orientation	2.75	0.46	0.16	2.63	0.52	0.18
00385.02.1	Complex Problem Solving	2.50	0.53	0.19	2.13	0.35	0.13
00385.02.1	Operations Analysis	1.50	0.53	0.19	0.63	0.74	0.26
00385.02.1	Technology Design	1.13	0.35	0.13	0.13	0.35	0.13
00385.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Operations Monitoring	1.38	0.52	0.18	0.38	0.52	0.18
00385.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Quality Control Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	Judg. and Dec. Making	2.63	0.52	0.18	2.25	0.46	0.16
00385.02.1	Systems Analysis	2.00	0.00	0.00	1.75	0.46	0.16
00385.02.1	Systems Evaluation	1.75	0.46	0.16	1.38	0.92	0.32
00385.02.1	Time Management	2.88	0.35	0.13	2.50	0.53	0.19
00385.02.1	M. of Financial Resources	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	M. of Material Resources	1.00	0.00	0.00	0.00	0.00	0.00
00385.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

Singers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00381.02.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
00381.02.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
00381.02.1	Writing	2.50	0.53	0.19	2.38	0.52	0.18
00381.02.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00381.02.1	Mathematics	1.25	0.46	0.16	0.25	0.46	0.16
00381.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Critical Thinking	3.00	0.00	0.00	3.00	0.00	0.00
00381.02.1	Active Learning	2.63	0.52	0.18	2.75	0.46	0.16
00381.02.1	Learning Strategies	2.38	0.52	0.18	2.13	0.35	0.13
00381.02.1	Monitoring	2.75	0.46	0.16	2.88	0.35	0.13
00381.02.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00381.02.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
00381.02.1	Persuasion	2.38	0.74	0.26	2.25	1.04	0.37
00381.02.1	Negotiation	2.00	0.53	0.19	1.63	0.74	0.26
00381.02.1	Instructing	2.00	0.53	0.19	2.25	1.04	0.37
00381.02.1	Service Orientation	2.38	0.52	0.18	2.25	0.46	0.16
00381.02.1	Complex Problem Solving	2.13	0.35	0.13	2.00	0.53	0.19
00381.02.1	Operations Analysis	1.63	0.52	0.18	1.13	0.99	0.35
00381.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00381.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Operations Monitoring	1.63	0.52	0.18	1.13	0.99	0.35
00381.02.1	Operation and Control	1.50	0.53	0.19	1.00	1.07	0.38
00381.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00381.02.1	Quality Control Analysis	1.38	0.52	0.18	0.38	0.52	0.18
00381.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
00381.02.1	Systems Analysis	2.00	0.00	0.00	2.00	0.00	0.00
00381.02.1	Systems Evaluation	2.00	0.00	0.00	2.00	0.00	0.00
00381.02.1	Time Management	2.50	0.53	0.19	2.13	0.35	0.13
00381.02.1	M. of Financial Resources	1.38	0.52	0.18	0.38	0.52	0.18
00381.02.1	M. of Material Resources	1.38	0.52	0.18	0.50	0.76	0.27
00381.02.1	M. of Personnel Resources	1.88	0.35	0.13	1.50	0.76	0.27

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE_M > 0.51

Broadcast Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00363.03.1	Reading Comprehension	3.13	0.35	0.13	3.63	0.52	0.18
00363.03.1	Active Listening	3.63	0.52	0.18	3.63	0.52	0.18
00363.03.1	Writing	3.25	0.46	0.16	3.13	0.35	0.13
00363.03.1	Speaking	3.13	0.35	0.13	3.25	0.46	0.16
00363.03.1	Mathematics	2.75	0.71	0.25	2.88	0.64	0.23
00363.03.1	Science	1.88	0.35	0.13	1.00	0.53	0.19
00363.03.1	Critical Thinking	3.75	0.46	0.16	3.38	0.52	0.18
00363.03.1	Active Learning	3.13	0.35	0.13	3.13	0.35	0.13
00363.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00363.03.1	Monitoring	3.50	0.53	0.19	3.63	0.52	0.18
00363.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
00363.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00363.03.1	Persuasion	2.38	0.52	0.18	2.38	0.52	0.18
00363.03.1	Negotiation	2.38	0.52	0.18	2.13	0.64	0.23
00363.03.1	Instructing	2.50	0.53	0.19	2.88	0.35	0.13
00363.03.1	Service Orientation	2.38	0.52	0.18	2.25	0.46	0.16
00363.03.1	Complex Problem Solving	3.25	0.46	0.16	3.25	0.46	0.16
00363.03.1	Operations Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00363.03.1	Technology Design	2.25	0.46	0.16	2.25	0.71	0.25
00363.03.1	Equipment Selection	2.75	0.46	0.16	3.00	0.00	0.00
00363.03.1	Installation	2.00	0.53	0.19	2.00	0.93	0.33
00363.03.1	Programming	2.13	0.35	0.13	1.88	0.83	0.30
00363.03.1	Operations Monitoring	3.50	0.53	0.19	3.63	0.52	0.18
00363.03.1	Operation and Control	3.00	0.53	0.19	3.00	0.53	0.19
00363.03.1	Equipment Maintenance	3.13	0.35	0.13	2.88	0.35	0.13
00363.03.1	Troubleshooting	3.00	0.53	0.19	3.13	0.35	0.13
00363.03.1	Repairing	2.75	0.46	0.16	2.63	0.52	0.18
00363.03.1	Quality Control Analysis	2.88	0.64	0.23	3.25	0.46	0.16
00363.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00363.03.1	Systems Analysis	2.88	0.64	0.23	3.00	0.00	0.00
00363.03.1	Systems Evaluation	2.75	0.46	0.16	2.88	0.35	0.13
00363.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00363.03.1	M. of Financial Resources	1.88	0.35	0.13	1.25	0.71	0.25
00363.03.1	M. of Material Resources	2.13	0.35	0.13	1.50	0.53	0.19
00363.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Camera Operators, Television, Video, and Motion Picture

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00362.03.1	Reading Comprehension	3.25	0.46	0.16	3.25	0.46	0.16
00362.03.1	Active Listening	3.75	0.46	0.16	3.25	0.46	0.16
00362.03.1	Writing	2.88	0.64	0.23	2.88	0.35	0.13
00362.03.1	Speaking	3.25	0.46	0.16	3.13	0.35	0.13
00362.03.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
00362.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00362.03.1	Critical Thinking	3.13	0.35	0.13	3.50	0.53	0.19
00362.03.1	Active Learning	2.88	0.35	0.13	3.00	0.00	0.00
00362.03.1	Learning Strategies	2.75	0.46	0.16	2.88	0.35	0.13
00362.03.1	Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
00362.03.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
00362.03.1	Coordination	3.25	0.46	0.16	3.75	0.46	0.16
00362.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00362.03.1	Negotiation	2.50	0.53	0.19	2.38	0.52	0.18
00362.03.1	Instructing	2.38	0.52	0.18	2.75	0.46	0.16
00362.03.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00362.03.1	Complex Problem Solving	3.00	0.00	0.00	3.13	0.35	0.13
00362.03.1	Operations Analysis	2.13	0.35	0.13	2.13	0.35	0.13
00362.03.1	Technology Design	2.00	0.00	0.00	2.00	0.53	0.19
00362.03.1	Equipment Selection	2.63	0.52	0.18	2.88	0.64	0.23
00362.03.1	Installation	1.13	0.35	0.13	0.13	0.35	0.13
00362.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00362.03.1	Operations Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
00362.03.1	Operation and Control	2.88	0.64	0.23	2.88	0.35	0.13
00362.03.1	Equipment Maintenance	2.25	0.46	0.16	2.00	0.76	0.27
00362.03.1	Troubleshooting	2.38	0.52	0.18	2.13	0.35	0.13
00362.03.1	Repairing	2.38	0.52	0.18	1.88	0.64	0.23
00362.03.1	Quality Control Analysis	2.88	0.35	0.13	3.00	0.00	0.00
00362.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
00362.03.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
00362.03.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00362.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00362.03.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
00362.03.1	M. of Material Resources	1.88	0.35	0.13	1.63	0.74	0.26
00362.03.1	M. of Personnel Resources	2.50	0.53	0.19	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Occupational Health and Safety Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00337.03.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.53	0.19
00337.03.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
00337.03.1	Writing	3.63	0.52	0.18	3.88	0.35	0.13
00337.03.1	Speaking	4.00	0.00	0.00	4.13	0.64	0.23
00337.03.1	Mathematics	3.38	0.52	0.18	3.38	0.52	0.18
00337.03.1	Science	2.88	0.64	0.23	3.38	0.74	0.26
00337.03.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
00337.03.1	Active Learning	3.38	0.52	0.18	4.00	0.53	0.19
00337.03.1	Learning Strategies	3.25	0.46	0.16	3.50	0.76	0.27
00337.03.1	Monitoring	3.63	0.52	0.18	4.13	0.83	0.30
00337.03.1	Social Perceptiveness	3.75	0.46	0.16	3.88	0.35	0.13
00337.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00337.03.1	Persuasion	3.13	0.35	0.13	3.75	0.46	0.16
00337.03.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
00337.03.1	Instructing	3.38	0.52	0.18	3.38	0.52	0.18
00337.03.1	Service Orientation	3.00	0.00	0.00	3.13	0.35	0.13
00337.03.1	Complex Problem Solving	3.88	0.35	0.13	3.88	0.35	0.13
00337.03.1	Operations Analysis	3.00	0.53	0.19	3.13	0.64	0.23
00337.03.1	Technology Design	1.75	0.46	0.16	1.38	0.92	0.32
00337.03.1	Equipment Selection	1.63	0.52	0.18	1.00	0.93	0.33
00337.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00337.03.1	Programming	1.75	0.46	0.16	1.25	0.89	0.31
00337.03.1	Operations Monitoring	3.25	0.46	0.16	3.63	0.52	0.18
00337.03.1	Operation and Control	2.13	0.35	0.13	2.13	0.35	0.13
00337.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
00337.03.1	Troubleshooting	2.13	0.35	0.13	2.25	0.46	0.16
00337.03.1	Repairing	1.13	0.35	0.13	0.13	0.35	0.13
00337.03.1	Quality Control Analysis	3.25	0.71	0.25	3.50	0.53	0.19
00337.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
00337.03.1	Systems Analysis	3.50	0.53	0.19	3.63	0.52	0.18
00337.03.1	Systems Evaluation	3.75	0.46	0.16	3.88	0.64	0.23
00337.03.1	Time Management	3.00	0.53	0.19	3.00	0.53	0.19
00337.03.1	M. of Financial Resources	1.88	0.35	0.13	1.50	0.76	0.27
00337.03.1	M. of Material Resources	1.88	0.35	0.13	1.63	0.74	0.26
00337.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.88	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Occupational Health and Safety Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01326.03.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
01326.03.1	Active Listening	4.00	0.00	0.00	3.88	0.35	0.13
01326.03.1	Writing	3.50	0.53	0.19	3.88	0.35	0.13
01326.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
01326.03.1	Mathematics	2.50	0.53	0.19	2.75	0.46	0.16
01326.03.1	Science	2.88	0.35	0.13	2.88	0.35	0.13
01326.03.1	Critical Thinking	3.88	0.35	0.13	3.88	0.35	0.13
01326.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
01326.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
01326.03.1	Monitoring	3.38	0.52	0.18	3.75	0.46	0.16
01326.03.1	Social Perceptiveness	3.00	0.00	0.00	3.13	0.35	0.13
01326.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01326.03.1	Persuasion	2.88	0.35	0.13	3.00	0.53	0.19
01326.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
01326.03.1	Instructing	3.13	0.64	0.23	3.13	0.35	0.13
01326.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01326.03.1	Complex Problem Solving	3.25	0.46	0.16	3.25	0.46	0.16
01326.03.1	Operations Analysis	2.25	0.46	0.16	2.63	0.52	0.18
01326.03.1	Technology Design	1.88	0.35	0.13	1.13	0.64	0.23
01326.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
01326.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01326.03.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
01326.03.1	Operations Monitoring	3.00	0.53	0.19	3.13	0.35	0.13
01326.03.1	Operation and Control	2.50	0.53	0.19	2.25	0.89	0.31
01326.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
01326.03.1	Troubleshooting	2.00	0.00	0.00	1.63	0.52	0.18
01326.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01326.03.1	Quality Control Analysis	2.75	0.71	0.25	2.75	0.71	0.25
01326.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.25	0.46	0.16
01326.03.1	Systems Analysis	3.13	0.64	0.23	3.13	0.35	0.13
01326.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01326.03.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
01326.03.1	M. of Financial Resources	2.00	0.00	0.00	1.38	0.74	0.26
01326.03.1	M. of Material Resources	2.00	0.00	0.00	1.75	0.71	0.25
01326.03.1	M. of Personnel Resources	2.88	0.64	0.23	2.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Phlebotomists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01706.02.1	Reading Comprehension	3.13	0.35	0.13	3.25	0.46	0.16
01706.02.1	Active Listening	3.38	0.52	0.18	3.50	0.53	0.19
01706.02.1	Writing	3.13	0.35	0.13	3.00	0.00	0.00
01706.02.1	Speaking	3.38	0.52	0.18	3.75	0.46	0.16
01706.02.1	Mathematics	2.13	0.35	0.13	2.13	0.35	0.13
01706.02.1	Science	2.38	0.52	0.18	2.13	0.35	0.13
01706.02.1	Critical Thinking	3.25	0.46	0.16	3.25	0.46	0.16
01706.02.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
01706.02.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
01706.02.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
01706.02.1	Social Perceptiveness	3.50	0.53	0.19	3.25	0.46	0.16
01706.02.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
01706.02.1	Persuasion	2.50	0.53	0.19	2.50	0.53	0.19
01706.02.1	Negotiation	2.00	0.53	0.19	1.75	0.71	0.25
01706.02.1	Instructing	3.00	0.53	0.19	3.00	0.00	0.00
01706.02.1	Service Orientation	3.63	0.52	0.18	3.25	0.46	0.16
01706.02.1	Complex Problem Solving	2.63	0.52	0.18	2.38	0.52	0.18
01706.02.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01706.02.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01706.02.1	Equipment Selection	1.75	0.46	0.16	1.00	0.76	0.27
01706.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01706.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01706.02.1	Operations Monitoring	2.38	0.52	0.18	1.75	0.46	0.16
01706.02.1	Operation and Control	2.00	0.53	0.19	1.25	0.71	0.25
01706.02.1	Equipment Maintenance	1.63	0.52	0.18	0.75	0.71	0.25
01706.02.1	Troubleshooting	2.00	0.53	0.19	1.63	0.74	0.26
01706.02.1	Repairing	1.50	0.53	0.19	0.63	0.74	0.26
01706.02.1	Quality Control Analysis	2.88	0.64	0.23	2.25	0.46	0.16
01706.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
01706.02.1	Systems Analysis	2.25	0.46	0.16	2.00	0.00	0.00
01706.02.1	Systems Evaluation	2.25	0.46	0.16	1.88	0.35	0.13
01706.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01706.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01706.02.1	M. of Material Resources	1.88	0.35	0.13	1.13	0.64	0.23
01706.02.1	M. of Personnel Resources	2.50	0.53	0.19	2.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Forest Fire Inspectors and Prevention Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00543.02.1	Reading Comprehension	3.13	0.35	0.13	3.38	0.52	0.18
00543.02.1	Active Listening	3.63	0.74	0.26	3.25	0.46	0.16
00543.02.1	Writing	3.13	0.35	0.13	3.00	0.00	0.00
00543.02.1	Speaking	3.75	0.46	0.16	3.38	0.52	0.18
00543.02.1	Mathematics	2.13	0.35	0.13	2.38	0.52	0.18
00543.02.1	Science	1.88	0.35	0.13	1.75	0.71	0.25
00543.02.1	Critical Thinking	4.00	0.00	0.00	3.88	0.35	0.13
00543.02.1	Active Learning	3.00	0.00	0.00	3.25	0.46	0.16
00543.02.1	Learning Strategies	3.13	0.64	0.23	3.13	0.64	0.23
00543.02.1	Monitoring	3.38	0.52	0.18	3.38	0.74	0.26
00543.02.1	Social Perceptiveness	3.00	0.00	0.00	2.88	0.35	0.13
00543.02.1	Coordination	3.75	0.46	0.16	3.75	0.46	0.16
00543.02.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00543.02.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
00543.02.1	Instructing	3.25	0.46	0.16	3.00	0.00	0.00
00543.02.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
00543.02.1	Complex Problem Solving	3.50	0.53	0.19	3.25	0.46	0.16
00543.02.1	Operations Analysis	1.63	0.52	0.18	1.00	0.93	0.33
00543.02.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00543.02.1	Equipment Selection	2.25	0.71	0.25	1.38	0.92	0.32
00543.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00543.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
00543.02.1	Operations Monitoring	2.63	0.52	0.18	2.63	0.52	0.18
00543.02.1	Operation and Control	2.38	0.52	0.18	2.38	0.52	0.18
00543.02.1	Equipment Maintenance	2.25	0.46	0.16	1.38	0.74	0.26
00543.02.1	Troubleshooting	2.25	0.46	0.16	2.13	0.35	0.13
00543.02.1	Repairing	1.88	0.64	0.23	1.13	0.83	0.30
00543.02.1	Quality Control Analysis	2.25	0.46	0.16	2.25	0.46	0.16
00543.02.1	Judg. and Dec. Making	3.63	0.52	0.18	3.25	0.46	0.16
00543.02.1	Systems Analysis	2.75	0.46	0.16	3.13	0.35	0.13
00543.02.1	Systems Evaluation	2.88	0.35	0.13	3.13	0.35	0.13
00543.02.1	Time Management	3.13	0.35	0.13	3.38	0.52	0.18
00543.02.1	M. of Financial Resources	1.88	0.35	0.13	1.13	0.64	0.23
00543.02.1	M. of Material Resources	2.00	0.53	0.19	1.75	0.89	0.31
00543.02.1	M. of Personnel Resources	3.13	0.35	0.13	3.38	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Gaming Surveillance Officers and Gaming Investigators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01343.03.1	Reading Comprehension	3.25	0.46	0.16	3.50	0.53	0.19
01343.03.1	Active Listening	3.25	0.46	0.16	3.25	0.46	0.16
01343.03.1	Writing	3.13	0.35	0.13	3.13	0.35	0.13
01343.03.1	Speaking	3.63	0.52	0.18	3.63	0.52	0.18
01343.03.1	Mathematics	2.13	0.35	0.13	1.75	0.71	0.25
01343.03.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
01343.03.1	Critical Thinking	3.75	0.46	0.16	3.75	0.46	0.16
01343.03.1	Active Learning	3.13	0.35	0.13	3.13	0.35	0.13
01343.03.1	Learning Strategies	2.50	0.53	0.19	2.88	0.64	0.23
01343.03.1	Monitoring	4.13	0.35	0.13	3.88	0.64	0.23
01343.03.1	Social Perceptiveness	3.13	0.35	0.13	2.88	0.35	0.13
01343.03.1	Coordination	2.88	0.35	0.13	3.00	0.53	0.19
01343.03.1	Persuasion	2.50	0.53	0.19	2.38	0.52	0.18
01343.03.1	Negotiation	2.38	0.52	0.18	2.38	0.52	0.18
01343.03.1	Instructing	3.00	0.53	0.19	3.00	0.53	0.19
01343.03.1	Service Orientation	2.63	0.52	0.18	2.38	0.52	0.18
01343.03.1	Complex Problem Solving	3.00	0.53	0.19	2.50	0.76	0.27
01343.03.1	Operations Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01343.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01343.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01343.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01343.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
01343.03.1	Operations Monitoring	2.38	0.52	0.18	2.13	0.64	0.23
01343.03.1	Operation and Control	2.00	0.53	0.19	1.63	0.74	0.26
01343.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01343.03.1	Troubleshooting	1.75	0.46	0.16	0.75	0.46	0.16
01343.03.1	Repairing	1.25	0.46	0.16	0.25	0.46	0.16
01343.03.1	Quality Control Analysis	2.25	0.46	0.16	1.88	0.64	0.23
01343.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.13	0.35	0.13
01343.03.1	Systems Analysis	2.50	0.53	0.19	2.25	0.89	0.31
01343.03.1	Systems Evaluation	2.38	0.52	0.18	2.38	0.74	0.26
01343.03.1	Time Management	2.88	0.35	0.13	3.00	0.00	0.00
01343.03.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
01343.03.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
01343.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE_M > 0.51

Cooks, Fast Food

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00577.03.1	Reading Comprehension	2.63	0.52	0.18	2.63	0.52	0.18
00577.03.1	Active Listening	3.00	0.00	0.00	2.38	0.52	0.18
00577.03.1	Writing	2.00	0.00	0.00	2.00	0.00	0.00
00577.03.1	Speaking	2.75	0.46	0.16	2.13	0.35	0.13
00577.03.1	Mathematics	2.00	0.00	0.00	1.63	0.52	0.18
00577.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Critical Thinking	2.63	0.52	0.18	2.38	0.52	0.18
00577.03.1	Active Learning	2.38	0.52	0.18	2.25	0.46	0.16
00577.03.1	Learning Strategies	2.00	0.00	0.00	1.63	0.52	0.18
00577.03.1	Monitoring	2.63	0.52	0.18	2.25	0.46	0.16
00577.03.1	Social Perceptiveness	2.75	0.46	0.16	2.63	0.52	0.18
00577.03.1	Coordination	2.75	0.46	0.16	2.13	0.35	0.13
00577.03.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
00577.03.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
00577.03.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
00577.03.1	Service Orientation	3.00	0.00	0.00	2.13	0.35	0.13
00577.03.1	Complex Problem Solving	2.00	0.00	0.00	2.13	0.35	0.13
00577.03.1	Operations Analysis	1.25	0.46	0.16	0.38	0.74	0.26
00577.03.1	Technology Design	1.25	0.46	0.16	0.25	0.46	0.16
00577.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Operations Monitoring	2.13	0.35	0.13	1.75	0.46	0.16
00577.03.1	Operation and Control	1.75	0.46	0.16	1.50	0.93	0.33
00577.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00577.03.1	Quality Control Analysis	1.75	0.46	0.16	1.25	0.89	0.31
00577.03.1	Judg. and Dec. Making	2.38	0.52	0.18	2.13	0.35	0.13
00577.03.1	Systems Analysis	2.00	0.00	0.00	1.25	0.46	0.16
00577.03.1	Systems Evaluation	2.00	0.00	0.00	1.13	0.35	0.13
00577.03.1	Time Management	2.50	0.53	0.19	2.13	0.35	0.13
00577.03.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
00577.03.1	M. of Material Resources	1.50	0.76	0.27	0.38	0.52	0.18
00577.03.1	M. of Personnel Resources	2.00	0.00	0.00	1.50	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Cooks, Institution and Cafeteria

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00576.03.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
00576.03.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
00576.03.1	Writing	2.75	0.46	0.16	2.63	0.52	0.18
00576.03.1	Speaking	3.13	0.35	0.13	2.88	0.35	0.13
00576.03.1	Mathematics	2.88	0.35	0.13	2.75	0.46	0.16
00576.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00576.03.1	Critical Thinking	3.00	0.53	0.19	2.88	0.35	0.13
00576.03.1	Active Learning	2.88	0.35	0.13	2.88	0.35	0.13
00576.03.1	Learning Strategies	2.75	0.46	0.16	2.75	0.46	0.16
00576.03.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
00576.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00576.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00576.03.1	Persuasion	2.63	0.52	0.18	2.50	0.53	0.19
00576.03.1	Negotiation	2.50	0.53	0.19	2.00	0.00	0.00
00576.03.1	Instructing	2.75	0.46	0.16	2.75	0.46	0.16
00576.03.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
00576.03.1	Complex Problem Solving	3.00	0.53	0.19	2.88	0.35	0.13
00576.03.1	Operations Analysis	1.88	0.35	0.13	1.63	0.74	0.26
00576.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
00576.03.1	Equipment Selection	1.50	0.53	0.19	0.63	0.74	0.26
00576.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00576.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00576.03.1	Operations Monitoring	3.13	0.35	0.13	2.38	0.52	0.18
00576.03.1	Operation and Control	2.88	0.35	0.13	2.00	0.00	0.00
00576.03.1	Equipment Maintenance	1.25	0.46	0.16	0.25	0.46	0.16
00576.03.1	Troubleshooting	2.00	0.00	0.00	1.13	0.35	0.13
00576.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00576.03.1	Quality Control Analysis	3.13	0.35	0.13	2.50	0.53	0.19
00576.03.1	Judg. and Dec. Making	3.13	0.35	0.13	2.88	0.35	0.13
00576.03.1	Systems Analysis	2.50	0.53	0.19	2.00	0.00	0.00
00576.03.1	Systems Evaluation	2.38	0.52	0.18	2.13	0.35	0.13
00576.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00576.03.1	M. of Financial Resources	2.25	0.71	0.25	1.88	0.83	0.30
00576.03.1	M. of Material Resources	2.63	0.52	0.18	2.63	0.52	0.18
00576.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Nonfarm Animal Caretakers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00645.03.1	Reading Comprehension	3.00	0.53	0.19	2.88	0.64	0.23
00645.03.1	Active Listening	3.00	0.53	0.19	3.00	0.00	0.00
00645.03.1	Writing	2.75	0.46	0.16	2.50	0.53	0.19
00645.03.1	Speaking	2.88	0.64	0.23	2.75	0.46	0.16
00645.03.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
00645.03.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00645.03.1	Critical Thinking	2.75	0.46	0.16	2.88	0.35	0.13
00645.03.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
00645.03.1	Learning Strategies	2.00	0.00	0.00	2.00	0.00	0.00
00645.03.1	Monitoring	3.13	0.35	0.13	2.88	0.35	0.13
00645.03.1	Social Perceptiveness	2.75	0.46	0.16	2.25	0.46	0.16
00645.03.1	Coordination	3.00	0.00	0.00	2.50	0.53	0.19
00645.03.1	Persuasion	1.88	0.35	0.13	1.75	0.71	0.25
00645.03.1	Negotiation	2.00	0.53	0.19	1.63	0.74	0.26
00645.03.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
00645.03.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
00645.03.1	Complex Problem Solving	2.63	0.52	0.18	2.25	0.46	0.16
00645.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00645.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00645.03.1	Equipment Selection	1.63	0.52	0.18	0.63	0.52	0.18
00645.03.1	Installation	1.13	0.35	0.13	0.13	0.35	0.13
00645.03.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
00645.03.1	Operations Monitoring	1.88	0.35	0.13	1.38	0.74	0.26
00645.03.1	Operation and Control	1.63	0.52	0.18	0.75	0.71	0.25
00645.03.1	Equipment Maintenance	1.50	0.53	0.19	0.50	0.53	0.19
00645.03.1	Troubleshooting	1.88	0.35	0.13	1.25	0.71	0.25
00645.03.1	Repairing	1.25	0.46	0.16	0.25	0.46	0.16
00645.03.1	Quality Control Analysis	2.00	0.53	0.19	1.50	0.76	0.27
00645.03.1	Judg. and Dec. Making	3.00	0.00	0.00	2.13	0.35	0.13
00645.03.1	Systems Analysis	2.13	0.35	0.13	1.75	0.46	0.16
00645.03.1	Systems Evaluation	2.13	0.35	0.13	1.63	0.52	0.18
00645.03.1	Time Management	2.50	0.53	0.19	2.00	0.00	0.00
00645.03.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
00645.03.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
00645.03.1	M. of Personnel Resources	2.00	0.53	0.19	1.75	0.71	0.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Gaming Dealers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01354.03.1	Reading Comprehension	3.00	0.00	0.00	2.63	0.52	0.18
01354.03.1	Active Listening	3.38	0.52	0.18	3.00	0.53	0.19
01354.03.1	Writing	2.25	0.71	0.25	2.25	1.04	0.37
01354.03.1	Speaking	3.38	0.52	0.18	2.88	0.35	0.13
01354.03.1	Mathematics	2.75	0.46	0.16	2.00	0.00	0.00
01354.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Critical Thinking	2.75	0.46	0.16	2.88	0.35	0.13
01354.03.1	Active Learning	2.25	0.46	0.16	2.38	0.52	0.18
01354.03.1	Learning Strategies	2.00	0.00	0.00	2.00	0.00	0.00
01354.03.1	Monitoring	3.00	0.53	0.19	3.00	0.53	0.19
01354.03.1	Social Perceptiveness	3.13	0.64	0.23	2.75	0.46	0.16
01354.03.1	Coordination	2.88	0.35	0.13	2.75	0.71	0.25
01354.03.1	Persuasion	2.63	0.74	0.26	2.38	1.06	0.38
01354.03.1	Negotiation	2.38	0.52	0.18	2.25	0.46	0.16
01354.03.1	Instructing	2.63	0.52	0.18	2.63	0.52	0.18
01354.03.1	Service Orientation	3.13	0.35	0.13	2.88	0.35	0.13
01354.03.1	Complex Problem Solving	2.25	0.71	0.25	2.00	0.93	0.33
01354.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Technology Design	1.13	0.35	0.13	0.13	0.35	0.13
01354.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Operations Monitoring	1.63	0.74	0.26	0.88	0.99	0.35
01354.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
01354.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
01354.03.1	Troubleshooting	1.38	0.52	0.18	0.38	0.52	0.18
01354.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01354.03.1	Quality Control Analysis	1.63	0.52	0.18	1.00	0.93	0.33
01354.03.1	Judg. and Dec. Making	2.50	0.53	0.19	2.38	0.74	0.26
01354.03.1	Systems Analysis	1.50	0.53	0.19	0.88	0.99	0.35
01354.03.1	Systems Evaluation	1.63	0.52	0.18	1.13	0.99	0.35
01354.03.1	Time Management	2.50	0.53	0.19	2.50	0.53	0.19
01354.03.1	M. of Financial Resources	1.50	0.53	0.19	0.50	0.53	0.19
01354.03.1	M. of Material Resources	1.25	0.46	0.16	0.25	0.46	0.16
01354.03.1	M. of Personnel Resources	2.13	0.64	0.23	1.75	0.71	0.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Residential Advisors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00229.03.1	Reading Comprehension	3.13	0.35	0.13	3.38	0.52	0.18
00229.03.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
00229.03.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
00229.03.1	Speaking	3.75	0.46	0.16	3.88	0.35	0.13
00229.03.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
00229.03.1	Science	1.38	0.52	0.18	0.38	0.52	0.18
00229.03.1	Critical Thinking	3.63	0.52	0.18	4.00	0.00	0.00
00229.03.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
00229.03.1	Learning Strategies	2.75	0.46	0.16	2.88	0.35	0.13
00229.03.1	Monitoring	3.75	0.46	0.16	3.63	0.52	0.18
00229.03.1	Social Perceptiveness	4.00	0.00	0.00	3.50	0.53	0.19
00229.03.1	Coordination	3.75	0.46	0.16	3.38	0.52	0.18
00229.03.1	Persuasion	3.38	0.52	0.18	3.00	0.00	0.00
00229.03.1	Negotiation	3.63	0.52	0.18	3.00	0.00	0.00
00229.03.1	Instructing	2.88	0.35	0.13	3.00	0.00	0.00
00229.03.1	Service Orientation	3.63	0.52	0.18	3.13	0.35	0.13
00229.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00229.03.1	Operations Analysis	2.00	0.53	0.19	1.75	0.71	0.25
00229.03.1	Technology Design	1.88	0.35	0.13	0.88	0.35	0.13
00229.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00229.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00229.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00229.03.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.53	0.19
00229.03.1	Operation and Control	1.75	0.46	0.16	1.00	0.76	0.27
00229.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00229.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
00229.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00229.03.1	Quality Control Analysis	2.00	0.00	0.00	1.25	0.46	0.16
00229.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00229.03.1	Systems Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00229.03.1	Systems Evaluation	2.75	0.46	0.16	2.75	0.46	0.16
00229.03.1	Time Management	3.63	0.52	0.18	3.25	0.46	0.16
00229.03.1	M. of Financial Resources	2.13	0.35	0.13	2.00	0.53	0.19
00229.03.1	M. of Material Resources	2.25	0.46	0.16	2.13	0.64	0.23
00229.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Gaming Change Persons and Booth Cashiers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01365.03.1	Reading Comprehension	3.13	0.35	0.13	3.00	0.00	0.00
01365.03.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
01365.03.1	Writing	2.75	0.46	0.16	2.63	0.52	0.18
01365.03.1	Speaking	3.00	0.00	0.00	2.75	0.46	0.16
01365.03.1	Mathematics	2.88	0.35	0.13	2.50	0.53	0.19
01365.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01365.03.1	Critical Thinking	2.88	0.35	0.13	2.88	0.35	0.13
01365.03.1	Active Learning	2.00	0.00	0.00	2.13	0.35	0.13
01365.03.1	Learning Strategies	2.00	0.00	0.00	2.13	0.35	0.13
01365.03.1	Monitoring	2.88	0.35	0.13	2.50	0.53	0.19
01365.03.1	Social Perceptiveness	3.00	0.00	0.00	2.13	0.35	0.13
01365.03.1	Coordination	3.00	0.00	0.00	2.38	0.52	0.18
01365.03.1	Persuasion	2.63	0.52	0.18	2.25	0.46	0.16
01365.03.1	Negotiation	2.63	0.52	0.18	2.13	0.35	0.13
01365.03.1	Instructing	2.38	0.52	0.18	2.13	0.35	0.13
01365.03.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
01365.03.1	Complex Problem Solving	2.88	0.35	0.13	2.25	0.46	0.16
01365.03.1	Operations Analysis	1.13	0.35	0.13	0.25	0.71	0.25
01365.03.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
01365.03.1	Equipment Selection	1.63	0.52	0.18	1.00	0.93	0.33
01365.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01365.03.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
01365.03.1	Operations Monitoring	2.38	0.52	0.18	2.13	0.35	0.13
01365.03.1	Operation and Control	2.00	0.00	0.00	1.75	0.46	0.16
01365.03.1	Equipment Maintenance	1.63	0.52	0.18	1.00	0.93	0.33
01365.03.1	Troubleshooting	2.13	0.35	0.13	1.75	0.46	0.16
01365.03.1	Repairing	2.00	0.00	0.00	1.63	0.52	0.18
01365.03.1	Quality Control Analysis	2.25	0.46	0.16	2.00	0.00	0.00
01365.03.1	Judg. and Dec. Making	2.75	0.46	0.16	2.13	0.35	0.13
01365.03.1	Systems Analysis	2.00	0.00	0.00	1.63	0.52	0.18
01365.03.1	Systems Evaluation	2.00	0.00	0.00	1.50	0.53	0.19
01365.03.1	Time Management	2.38	0.52	0.18	1.75	0.71	0.25
01365.03.1	M. of Financial Resources	2.13	0.35	0.13	1.13	0.35	0.13
01365.03.1	M. of Material Resources	2.00	0.00	0.00	1.00	0.00	0.00
01365.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Counter and Rental Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00437.03.1	Reading Comprehension	3.25	0.46	0.16	3.13	0.35	0.13
00437.03.1	Active Listening	3.75	0.46	0.16	3.13	0.35	0.13
00437.03.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
00437.03.1	Speaking	3.38	0.52	0.18	3.00	0.00	0.00
00437.03.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
00437.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00437.03.1	Critical Thinking	3.13	0.35	0.13	2.88	0.35	0.13
00437.03.1	Active Learning	2.75	0.46	0.16	2.25	0.46	0.16
00437.03.1	Learning Strategies	2.13	0.35	0.13	2.00	0.00	0.00
00437.03.1	Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00437.03.1	Social Perceptiveness	3.13	0.35	0.13	2.88	0.35	0.13
00437.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00437.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00437.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
00437.03.1	Instructing	2.50	0.53	0.19	2.63	0.52	0.18
00437.03.1	Service Orientation	3.38	0.52	0.18	3.25	0.46	0.16
00437.03.1	Complex Problem Solving	2.75	0.46	0.16	2.38	0.52	0.18
00437.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00437.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
00437.03.1	Equipment Selection	1.63	0.52	0.18	0.75	0.71	0.25
00437.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00437.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00437.03.1	Operations Monitoring	2.38	0.52	0.18	2.25	0.46	0.16
00437.03.1	Operation and Control	2.00	0.00	0.00	2.00	0.00	0.00
00437.03.1	Equipment Maintenance	1.63	0.52	0.18	0.63	0.52	0.18
00437.03.1	Troubleshooting	1.63	0.52	0.18	1.00	0.93	0.33
00437.03.1	Repairing	1.63	0.52	0.18	0.63	0.52	0.18
00437.03.1	Quality Control Analysis	1.63	0.52	0.18	1.00	0.93	0.33
00437.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.25	0.46	0.16
00437.03.1	Systems Analysis	2.00	0.00	0.00	1.88	0.35	0.13
00437.03.1	Systems Evaluation	2.00	0.00	0.00	1.88	0.35	0.13
00437.03.1	Time Management	3.00	0.00	0.00	2.38	0.52	0.18
00437.03.1	M. of Financial Resources	2.00	0.00	0.00	1.75	0.46	0.16
00437.03.1	M. of Material Resources	2.13	0.35	0.13	1.88	0.35	0.13
00437.03.1	M. of Personnel Resources	2.38	0.52	0.18	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Real Estate Sales Agents

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00417.03.1	Reading Comprehension	3.38	0.52	0.18	4.00	0.00	0.00
00417.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00417.03.1	Writing	3.38	0.52	0.18	3.50	0.53	0.19
00417.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00417.03.1	Mathematics	3.13	0.35	0.13	3.25	0.46	0.16
00417.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00417.03.1	Critical Thinking	3.63	0.52	0.18	4.00	0.00	0.00
00417.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
00417.03.1	Learning Strategies	2.50	0.53	0.19	2.38	0.52	0.18
00417.03.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00417.03.1	Social Perceptiveness	3.75	0.46	0.16	3.75	0.46	0.16
00417.03.1	Coordination	3.75	0.46	0.16	3.63	0.52	0.18
00417.03.1	Persuasion	3.63	0.52	0.18	4.13	0.35	0.13
00417.03.1	Negotiation	3.88	0.35	0.13	3.88	0.35	0.13
00417.03.1	Instructing	2.63	0.52	0.18	3.00	0.00	0.00
00417.03.1	Service Orientation	3.50	0.53	0.19	3.75	0.46	0.16
00417.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00417.03.1	Operations Analysis	1.75	0.46	0.16	1.25	0.89	0.31
00417.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00417.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00417.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00417.03.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
00417.03.1	Operations Monitoring	1.75	0.46	0.16	1.50	0.93	0.33
00417.03.1	Operation and Control	1.75	0.46	0.16	1.50	0.93	0.33
00417.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00417.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
00417.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00417.03.1	Quality Control Analysis	2.13	0.35	0.13	2.00	0.53	0.19
00417.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.75	0.46	0.16
00417.03.1	Systems Analysis	2.63	0.52	0.18	2.75	0.46	0.16
00417.03.1	Systems Evaluation	2.63	0.52	0.18	3.00	0.76	0.27
00417.03.1	Time Management	3.38	0.52	0.18	3.13	0.35	0.13
00417.03.1	M. of Financial Resources	2.13	0.35	0.13	2.13	0.35	0.13
00417.03.1	M. of Material Resources	1.75	0.46	0.16	1.38	0.92	0.32
00417.03.1	M. of Personnel Resources	2.75	0.46	0.16	2.75	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Shipping, Receiving, and Traffic Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00524.04.1	Reading Comprehension	3.13	0.35	0.13	3.13	0.35	0.13
00524.04.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
00524.04.1	Writing	2.63	0.52	0.18	2.75	0.46	0.16
00524.04.1	Speaking	3.25	0.46	0.16	3.00	0.00	0.00
00524.04.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
00524.04.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00524.04.1	Critical Thinking	3.00	0.00	0.00	3.00	0.00	0.00
00524.04.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
00524.04.1	Learning Strategies	2.13	0.35	0.13	2.25	0.46	0.16
00524.04.1	Monitoring	3.00	0.00	0.00	3.00	0.53	0.19
00524.04.1	Social Perceptiveness	2.88	0.35	0.13	2.50	0.53	0.19
00524.04.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00524.04.1	Persuasion	2.75	0.46	0.16	2.13	0.35	0.13
00524.04.1	Negotiation	2.38	0.52	0.18	2.13	0.35	0.13
00524.04.1	Instructing	2.50	0.53	0.19	2.25	0.46	0.16
00524.04.1	Service Orientation	2.63	0.52	0.18	2.25	0.46	0.16
00524.04.1	Complex Problem Solving	2.88	0.35	0.13	2.25	0.46	0.16
00524.04.1	Operations Analysis	1.38	0.52	0.18	0.63	0.92	0.32
00524.04.1	Technology Design	1.88	0.35	0.13	0.88	0.35	0.13
00524.04.1	Equipment Selection	1.25	0.46	0.16	0.25	0.46	0.16
00524.04.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00524.04.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
00524.04.1	Operations Monitoring	2.25	0.46	0.16	2.13	0.35	0.13
00524.04.1	Operation and Control	2.00	0.00	0.00	2.00	0.00	0.00
00524.04.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00524.04.1	Troubleshooting	2.00	0.00	0.00	1.25	0.46	0.16
00524.04.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00524.04.1	Quality Control Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00524.04.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
00524.04.1	Systems Analysis	2.13	0.35	0.13	2.25	0.46	0.16
00524.04.1	Systems Evaluation	2.13	0.35	0.13	1.63	0.52	0.18
00524.04.1	Time Management	3.00	0.00	0.00	2.38	0.52	0.18
00524.04.1	M. of Financial Resources	1.88	0.35	0.13	1.13	0.64	0.23
00524.04.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
00524.04.1	M. of Personnel Resources	2.13	0.35	0.13	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Secretaries and Administrative Assistants, Except Legal, Medical, and Executive

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00479.03.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
00479.03.1	Active Listening	4.00	0.00	0.00	3.75	0.46	0.16
00479.03.1	Writing	3.75	0.46	0.16	3.50	0.53	0.19
00479.03.1	Speaking	4.00	0.00	0.00	3.63	0.52	0.18
00479.03.1	Mathematics	2.00	0.00	0.00	1.63	0.52	0.18
00479.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Critical Thinking	3.00	0.00	0.00	3.63	0.52	0.18
00479.03.1	Active Learning	2.88	0.35	0.13	3.00	0.00	0.00
00479.03.1	Learning Strategies	2.13	0.35	0.13	1.88	0.35	0.13
00479.03.1	Monitoring	3.13	0.35	0.13	3.25	0.46	0.16
00479.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
00479.03.1	Coordination	3.13	0.35	0.13	2.88	0.35	0.13
00479.03.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
00479.03.1	Negotiation	2.38	0.52	0.18	2.13	0.35	0.13
00479.03.1	Instructing	2.13	0.35	0.13	2.38	0.52	0.18
00479.03.1	Service Orientation	3.50	0.53	0.19	3.13	0.35	0.13
00479.03.1	Complex Problem Solving	2.88	0.35	0.13	2.63	0.52	0.18
00479.03.1	Operations Analysis	1.88	0.35	0.13	1.13	0.64	0.23
00479.03.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
00479.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00479.03.1	Operations Monitoring	1.88	0.35	0.13	1.00	0.53	0.19
00479.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
00479.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00479.03.1	Quality Control Analysis	1.88	0.64	0.23	1.38	0.92	0.32
00479.03.1	Judg. and Dec. Making	3.00	0.53	0.19	2.63	0.52	0.18
00479.03.1	Systems Analysis	2.00	0.00	0.00	2.13	0.35	0.13
00479.03.1	Systems Evaluation	2.00	0.00	0.00	1.75	0.46	0.16
00479.03.1	Time Management	3.50	0.53	0.19	3.00	0.00	0.00
00479.03.1	M. of Financial Resources	1.63	0.52	0.18	1.25	1.04	0.37
00479.03.1	M. of Material Resources	1.75	0.46	0.16	1.50	0.93	0.33
00479.03.1	M. of Personnel Resources	2.63	0.52	0.18	2.63	0.52	0.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results

First-Line Supervisors of Aquacultural Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00629.02.1	Reading Comprehension	3.13	0.35	0.13	4.00	0.00	0.00
00629.02.1	Active Listening	3.75	0.46	0.16	4.00	0.00	0.00
00629.02.1	Writing	3.13	0.35	0.13	4.00	0.00	0.00
00629.02.1	Speaking	3.75	0.46	0.16	3.88	0.35	0.13
00629.02.1	Mathematics	2.88	0.64	0.23	2.88	0.64	0.23
00629.02.1	Science	3.13	0.35	0.13	3.13	0.35	0.13
00629.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00629.02.1	Active Learning	3.13	0.64	0.23	3.75	0.46	0.16
00629.02.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
00629.02.1	Monitoring	3.75	0.46	0.16	3.88	0.64	0.23
00629.02.1	Social Perceptiveness	3.50	0.53	0.19	3.75	0.46	0.16
00629.02.1	Coordination	3.63	0.52	0.18	3.88	0.35	0.13
00629.02.1	Persuasion	3.13	0.35	0.13	3.50	0.53	0.19
00629.02.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00629.02.1	Instructing	3.13	0.35	0.13	3.25	0.46	0.16
00629.02.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00629.02.1	Complex Problem Solving	3.13	0.35	0.13	3.25	0.46	0.16
00629.02.1	Operations Analysis	2.63	0.52	0.18	2.63	0.52	0.18
00629.02.1	Technology Design	2.00	0.53	0.19	0.88	0.35	0.13
00629.02.1	Equipment Selection	2.25	0.46	0.16	2.00	0.00	0.00
00629.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00629.02.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00629.02.1	Operations Monitoring	3.25	0.46	0.16	3.38	0.52	0.18
00629.02.1	Operation and Control	3.13	0.35	0.13	2.88	0.35	0.13
00629.02.1	Equipment Maintenance	2.13	0.35	0.13	2.25	0.46	0.16
00629.02.1	Troubleshooting	2.13	0.35	0.13	2.13	0.35	0.13
00629.02.1	Repairing	2.13	0.35	0.13	2.00	0.00	0.00
00629.02.1	Quality Control Analysis	2.88	0.35	0.13	3.00	0.00	0.00
00629.02.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00629.02.1	Systems Analysis	3.00	0.00	0.00	3.50	0.53	0.19
00629.02.1	Systems Evaluation	3.00	0.00	0.00	3.25	0.46	0.16
00629.02.1	Time Management	3.88	0.35	0.13	3.88	0.35	0.13
00629.02.1	M. of Financial Resources	2.88	0.35	0.13	2.88	0.35	0.13
00629.02.1	M. of Material Resources	2.88	0.35	0.13	3.00	0.53	0.19
00629.02.1	M. of Personnel Resources	4.00	0.00	0.00	4.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Agricultural Equipment Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00649.02.1	Reading Comprehension	2.25	0.46	0.16	1.88	0.35	0.13
00649.02.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
00649.02.1	Writing	2.13	0.35	0.13	1.75	0.46	0.16
00649.02.1	Speaking	2.75	0.46	0.16	2.63	0.52	0.18
00649.02.1	Mathematics	1.88	0.64	0.23	1.13	0.99	0.35
00649.02.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00649.02.1	Critical Thinking	2.88	0.35	0.13	2.75	0.46	0.16
00649.02.1	Active Learning	2.25	0.46	0.16	1.88	0.35	0.13
00649.02.1	Learning Strategies	1.75	0.71	0.25	1.00	1.07	0.38
00649.02.1	Monitoring	2.75	0.46	0.16	2.25	0.46	0.16
00649.02.1	Social Perceptiveness	2.88	0.35	0.13	2.13	0.35	0.13
00649.02.1	Coordination	2.75	0.46	0.16	2.50	0.53	0.19
00649.02.1	Persuasion	2.00	0.53	0.19	1.75	0.89	0.31
00649.02.1	Negotiation	2.13	0.35	0.13	1.38	0.74	0.26
00649.02.1	Instructing	2.25	0.46	0.16	2.00	0.53	0.19
00649.02.1	Service Orientation	2.25	0.46	0.16	1.63	0.74	0.26
00649.02.1	Complex Problem Solving	2.50	0.53	0.19	2.38	0.52	0.18
00649.02.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00649.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
00649.02.1	Equipment Selection	2.50	0.53	0.19	2.00	0.00	0.00
00649.02.1	Installation	1.38	0.52	0.18	0.38	0.52	0.18
00649.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00649.02.1	Operations Monitoring	3.75	0.46	0.16	3.63	0.52	0.18
00649.02.1	Operation and Control	3.88	0.35	0.13	3.75	0.46	0.16
00649.02.1	Equipment Maintenance	3.00	0.00	0.00	3.00	0.00	0.00
00649.02.1	Troubleshooting	3.13	0.35	0.13	3.00	0.00	0.00
00649.02.1	Repairing	3.00	0.00	0.00	3.00	0.00	0.00
00649.02.1	Quality Control Analysis	3.00	0.00	0.00	2.75	0.46	0.16
00649.02.1	Judg. and Dec. Making	2.50	0.53	0.19	2.13	0.35	0.13
00649.02.1	Systems Analysis	2.00	0.00	0.00	1.38	0.52	0.18
00649.02.1	Systems Evaluation	2.00	0.00	0.00	1.25	0.46	0.16
00649.02.1	Time Management	2.25	0.46	0.16	2.13	0.35	0.13
00649.02.1	M. of Financial Resources	1.38	0.52	0.18	0.50	0.76	0.27
00649.02.1	M. of Material Resources	1.50	0.53	0.19	0.75	0.89	0.31
00649.02.1	M. of Personnel Resources	2.25	0.46	0.16	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Farmworkers, Farm, Ranch, and Aquacultural Animals

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00657.02.1	Reading Comprehension	3.00	0.00	0.00	2.75	0.46	0.16
00657.02.1	Active Listening	3.13	0.35	0.13	3.00	0.53	0.19
00657.02.1	Writing	2.63	0.52	0.18	2.75	0.46	0.16
00657.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
00657.02.1	Mathematics	2.13	0.35	0.13	1.75	0.71	0.25
00657.02.1	Science	1.88	0.35	0.13	1.38	0.74	0.26
00657.02.1	Critical Thinking	3.38	0.52	0.18	3.00	0.00	0.00
00657.02.1	Active Learning	2.88	0.35	0.13	2.38	0.52	0.18
00657.02.1	Learning Strategies	2.13	0.35	0.13	2.13	0.35	0.13
00657.02.1	Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
00657.02.1	Social Perceptiveness	2.63	0.52	0.18	2.13	0.35	0.13
00657.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00657.02.1	Persuasion	2.50	0.53	0.19	2.00	0.00	0.00
00657.02.1	Negotiation	2.13	0.35	0.13	2.00	0.00	0.00
00657.02.1	Instructing	2.38	0.52	0.18	2.50	0.53	0.19
00657.02.1	Service Orientation	2.38	0.52	0.18	2.00	0.00	0.00
00657.02.1	Complex Problem Solving	3.00	0.53	0.19	2.25	0.46	0.16
00657.02.1	Operations Analysis	1.38	0.52	0.18	0.38	0.52	0.18
00657.02.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
00657.02.1	Equipment Selection	2.88	0.35	0.13	2.13	0.35	0.13
00657.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00657.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00657.02.1	Operations Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
00657.02.1	Operation and Control	3.13	0.35	0.13	3.00	0.00	0.00
00657.02.1	Equipment Maintenance	2.75	0.46	0.16	2.63	0.52	0.18
00657.02.1	Troubleshooting	3.00	0.00	0.00	2.50	0.53	0.19
00657.02.1	Repairing	2.75	0.46	0.16	2.63	0.52	0.18
00657.02.1	Quality Control Analysis	2.88	0.35	0.13	2.75	0.46	0.16
00657.02.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
00657.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
00657.02.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00657.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
00657.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
00657.02.1	M. of Material Resources	2.00	0.00	0.00	1.38	0.52	0.18
00657.02.1	M. of Personnel Resources	2.50	0.53	0.19	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Fence Erectors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00819.02.1	Reading Comprehension	2.50	0.53	0.19	2.13	0.35	0.13
00819.02.1	Active Listening	3.00	0.00	0.00	2.25	0.46	0.16
00819.02.1	Writing	2.00	0.00	0.00	2.00	0.00	0.00
00819.02.1	Speaking	3.00	0.53	0.19	2.13	0.64	0.23
00819.02.1	Mathematics	2.25	0.46	0.16	2.63	0.52	0.18
00819.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00819.02.1	Critical Thinking	3.00	0.00	0.00	2.88	0.35	0.13
00819.02.1	Active Learning	2.25	0.46	0.16	1.88	0.35	0.13
00819.02.1	Learning Strategies	2.25	0.46	0.16	2.00	0.00	0.00
00819.02.1	Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00819.02.1	Social Perceptiveness	2.63	0.52	0.18	2.13	0.35	0.13
00819.02.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00819.02.1	Persuasion	2.00	0.53	0.19	2.00	0.93	0.33
00819.02.1	Negotiation	2.00	0.53	0.19	1.75	0.89	0.31
00819.02.1	Instructing	2.25	0.46	0.16	2.13	0.35	0.13
00819.02.1	Service Orientation	2.25	0.46	0.16	2.25	0.46	0.16
00819.02.1	Complex Problem Solving	2.63	0.52	0.18	2.50	0.53	0.19
00819.02.1	Operations Analysis	1.75	0.46	0.16	1.00	0.76	0.27
00819.02.1	Technology Design	1.50	0.53	0.19	0.63	0.74	0.26
00819.02.1	Equipment Selection	2.63	0.52	0.18	2.00	0.53	0.19
00819.02.1	Installation	1.13	0.35	0.13	0.13	0.35	0.13
00819.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00819.02.1	Operations Monitoring	2.88	0.35	0.13	2.75	0.46	0.16
00819.02.1	Operation and Control	2.88	0.35	0.13	2.88	0.35	0.13
00819.02.1	Equipment Maintenance	2.13	0.35	0.13	1.88	0.35	0.13
00819.02.1	Troubleshooting	2.00	0.00	0.00	1.88	0.35	0.13
00819.02.1	Repairing	2.00	0.00	0.00	1.88	0.35	0.13
00819.02.1	Quality Control Analysis	2.63	0.52	0.18	2.75	0.46	0.16
00819.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.88	0.35	0.13
00819.02.1	Systems Analysis	2.13	0.35	0.13	1.75	0.46	0.16
00819.02.1	Systems Evaluation	2.00	0.53	0.19	1.75	0.89	0.31
00819.02.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00819.02.1	M. of Financial Resources	1.75	0.46	0.16	1.13	0.83	0.30
00819.02.1	M. of Material Resources	2.00	0.00	0.00	1.50	0.53	0.19
00819.02.1	M. of Personnel Resources	2.25	0.46	0.16	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Electrical and Electronics Installers and Repairers, Transportation Equipment

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01416.02.1	Reading Comprehension	3.13	0.35	0.13	3.13	0.35	0.13
01416.02.1	Active Listening	3.38	0.52	0.18	3.00	0.00	0.00
01416.02.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
01416.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01416.02.1	Mathematics	2.13	0.35	0.13	2.25	0.46	0.16
01416.02.1	Science	2.13	0.35	0.13	2.25	0.46	0.16
01416.02.1	Critical Thinking	3.63	0.52	0.18	3.00	0.00	0.00
01416.02.1	Active Learning	2.25	0.46	0.16	2.38	0.52	0.18
01416.02.1	Learning Strategies	2.13	0.35	0.13	2.25	0.46	0.16
01416.02.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
01416.02.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
01416.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01416.02.1	Persuasion	2.88	0.35	0.13	2.75	0.46	0.16
01416.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01416.02.1	Instructing	2.13	0.35	0.13	2.50	0.53	0.19
01416.02.1	Service Orientation	2.25	0.46	0.16	2.25	0.46	0.16
01416.02.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
01416.02.1	Operations Analysis	2.13	0.35	0.13	1.63	0.74	0.26
01416.02.1	Technology Design	2.00	0.00	0.00	1.38	0.74	0.26
01416.02.1	Equipment Selection	2.63	0.52	0.18	2.25	0.46	0.16
01416.02.1	Installation	2.75	0.89	0.31	2.38	1.19	0.42
01416.02.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
01416.02.1	Operations Monitoring	3.25	0.46	0.16	3.13	0.35	0.13
01416.02.1	Operation and Control	3.00	0.53	0.19	2.50	0.53	0.19
01416.02.1	Equipment Maintenance	3.00	0.53	0.19	3.00	0.53	0.19
01416.02.1	Troubleshooting	3.00	0.53	0.19	3.25	0.46	0.16
01416.02.1	Repairing	3.13	0.64	0.23	3.13	0.64	0.23
01416.02.1	Quality Control Analysis	3.25	0.46	0.16	3.25	0.46	0.16
01416.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.88	0.35	0.13
01416.02.1	Systems Analysis	2.25	0.46	0.16	2.25	0.46	0.16
01416.02.1	Systems Evaluation	2.25	0.46	0.16	2.38	0.52	0.18
01416.02.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
01416.02.1	M. of Financial Resources	2.00	0.00	0.00	1.13	0.35	0.13
01416.02.1	M. of Material Resources	2.00	0.00	0.00	1.00	0.00	0.00
01416.02.1	M. of Personnel Resources	2.25	0.46	0.16	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Automotive Body and Related Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00706.03.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
00706.03.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
00706.03.1	Writing	2.38	0.52	0.18	2.13	0.35	0.13
00706.03.1	Speaking	3.00	0.00	0.00	2.75	0.46	0.16
00706.03.1	Mathematics	2.13	0.35	0.13	2.00	0.00	0.00
00706.03.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
00706.03.1	Critical Thinking	3.00	0.00	0.00	3.00	0.00	0.00
00706.03.1	Active Learning	2.88	0.35	0.13	2.25	0.46	0.16
00706.03.1	Learning Strategies	2.25	0.46	0.16	2.13	0.35	0.13
00706.03.1	Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00706.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00706.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00706.03.1	Persuasion	2.63	0.52	0.18	2.25	0.46	0.16
00706.03.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
00706.03.1	Instructing	2.25	0.46	0.16	2.63	0.52	0.18
00706.03.1	Service Orientation	2.88	0.35	0.13	2.75	0.46	0.16
00706.03.1	Complex Problem Solving	2.88	0.35	0.13	3.00	0.00	0.00
00706.03.1	Operations Analysis	2.00	0.53	0.19	1.63	0.74	0.26
00706.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00706.03.1	Equipment Selection	2.75	0.46	0.16	2.50	0.53	0.19
00706.03.1	Installation	2.00	0.53	0.19	1.75	0.89	0.31
00706.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00706.03.1	Operations Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00706.03.1	Operation and Control	2.88	0.35	0.13	3.00	0.00	0.00
00706.03.1	Equipment Maintenance	2.63	0.52	0.18	2.75	0.71	0.25
00706.03.1	Troubleshooting	3.13	0.35	0.13	3.00	0.53	0.19
00706.03.1	Repairing	3.25	0.46	0.16	3.25	0.46	0.16
00706.03.1	Quality Control Analysis	3.00	0.53	0.19	3.00	0.00	0.00
00706.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
00706.03.1	Systems Analysis	2.13	0.35	0.13	2.25	0.46	0.16
00706.03.1	Systems Evaluation	2.13	0.35	0.13	2.25	0.46	0.16
00706.03.1	Time Management	3.00	0.00	0.00	2.75	0.46	0.16
00706.03.1	M. of Financial Resources	1.88	0.35	0.13	1.38	0.74	0.26
00706.03.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
00706.03.1	M. of Personnel Resources	2.13	0.35	0.13	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Rail Car Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00713.02.1	Reading Comprehension	2.88	0.35	0.13	2.75	0.46	0.16
00713.02.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
00713.02.1	Writing	2.88	0.35	0.13	2.75	0.46	0.16
00713.02.1	Speaking	3.00	0.00	0.00	2.38	0.52	0.18
00713.02.1	Mathematics	2.13	0.35	0.13	2.13	0.35	0.13
00713.02.1	Science	1.75	0.46	0.16	1.00	0.76	0.27
00713.02.1	Critical Thinking	3.25	0.46	0.16	3.38	0.52	0.18
00713.02.1	Active Learning	2.75	0.46	0.16	2.75	0.46	0.16
00713.02.1	Learning Strategies	2.63	0.52	0.18	2.25	0.46	0.16
00713.02.1	Monitoring	2.88	0.35	0.13	2.75	0.46	0.16
00713.02.1	Social Perceptiveness	2.75	0.46	0.16	2.25	0.46	0.16
00713.02.1	Coordination	2.88	0.35	0.13	2.63	0.52	0.18
00713.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
00713.02.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
00713.02.1	Instructing	2.50	0.53	0.19	2.25	0.46	0.16
00713.02.1	Service Orientation	2.38	0.52	0.18	2.13	0.35	0.13
00713.02.1	Complex Problem Solving	2.75	0.46	0.16	2.63	0.52	0.18
00713.02.1	Operations Analysis	1.75	0.46	0.16	1.13	0.99	0.35
00713.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00713.02.1	Equipment Selection	2.75	0.46	0.16	2.38	0.52	0.18
00713.02.1	Installation	2.63	0.52	0.18	2.50	0.53	0.19
00713.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00713.02.1	Operations Monitoring	3.25	0.46	0.16	3.00	0.00	0.00
00713.02.1	Operation and Control	3.13	0.35	0.13	3.00	0.00	0.00
00713.02.1	Equipment Maintenance	3.75	0.46	0.16	3.25	0.46	0.16
00713.02.1	Troubleshooting	4.00	0.00	0.00	3.75	0.46	0.16
00713.02.1	Repairing	4.00	0.00	0.00	4.00	0.00	0.00
00713.02.1	Quality Control Analysis	3.25	0.46	0.16	3.25	0.46	0.16
00713.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
00713.02.1	Systems Analysis	2.63	0.52	0.18	2.25	0.46	0.16
00713.02.1	Systems Evaluation	2.63	0.52	0.18	2.38	0.52	0.18
00713.02.1	Time Management	2.88	0.35	0.13	3.00	0.00	0.00
00713.02.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
00713.02.1	M. of Material Resources	1.88	0.35	0.13	1.00	0.53	0.19
00713.02.1	M. of Personnel Resources	2.50	0.53	0.19	2.25	0.46	0.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

Refrigeration Mechanics and Installers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00746.03.1	Reading Comprehension	3.13	0.35	0.13	3.00	0.00	0.00
00746.03.1	Active Listening	3.25	0.46	0.16	3.00	0.00	0.00
00746.03.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
00746.03.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00746.03.1	Mathematics	2.50	0.53	0.19	2.63	0.52	0.18
00746.03.1	Science	2.00	0.00	0.00	1.75	0.46	0.16
00746.03.1	Critical Thinking	3.75	0.46	0.16	3.75	0.46	0.16
00746.03.1	Active Learning	3.00	0.00	0.00	3.13	0.35	0.13
00746.03.1	Learning Strategies	3.00	0.00	0.00	3.00	0.00	0.00
00746.03.1	Monitoring	3.25	0.46	0.16	3.38	0.52	0.18
00746.03.1	Social Perceptiveness	3.13	0.35	0.13	3.00	0.53	0.19
00746.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00746.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
00746.03.1	Negotiation	2.75	0.46	0.16	2.25	0.46	0.16
00746.03.1	Instructing	2.88	0.35	0.13	2.88	0.35	0.13
00746.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.53	0.19
00746.03.1	Complex Problem Solving	3.25	0.46	0.16	3.13	0.35	0.13
00746.03.1	Operations Analysis	2.25	0.46	0.16	2.00	0.53	0.19
00746.03.1	Technology Design	1.88	0.35	0.13	1.63	0.74	0.26
00746.03.1	Equipment Selection	3.63	0.52	0.18	3.00	0.00	0.00
00746.03.1	Installation	3.63	1.06	0.38	3.38	1.41	0.50
00746.03.1	Programming	1.63	0.52	0.18	0.88	0.83	0.30
00746.03.1	Operations Monitoring	4.00	0.00	0.00	3.75	0.46	0.16
00746.03.1	Operation and Control	3.63	0.74	0.26	3.63	0.52	0.18
00746.03.1	Equipment Maintenance	4.00	0.00	0.00	3.88	0.35	0.13
00746.03.1	Troubleshooting	4.13	0.35	0.13	3.88	0.35	0.13
00746.03.1	Repairing	4.13	0.35	0.13	4.00	0.00	0.00
00746.03.1	Quality Control Analysis	3.63	0.52	0.18	3.63	0.52	0.18
00746.03.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00746.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00746.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
00746.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00746.03.1	M. of Financial Resources	2.00	0.00	0.00	1.88	0.35	0.13
00746.03.1	M. of Material Resources	2.75	0.46	0.16	2.38	0.52	0.18
00746.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Locksmiths and Safe Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00756.03.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
00756.03.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
00756.03.1	Writing	2.63	0.52	0.18	2.38	0.52	0.18
00756.03.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00756.03.1	Mathematics	2.50	0.53	0.19	2.13	0.35	0.13
00756.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00756.03.1	Critical Thinking	3.13	0.64	0.23	3.13	0.35	0.13
00756.03.1	Active Learning	2.88	0.35	0.13	2.88	0.64	0.23
00756.03.1	Learning Strategies	2.25	0.46	0.16	2.25	0.46	0.16
00756.03.1	Monitoring	2.75	0.46	0.16	2.75	0.46	0.16
00756.03.1	Social Perceptiveness	2.75	0.46	0.16	2.50	0.53	0.19
00756.03.1	Coordination	2.75	0.46	0.16	2.63	0.52	0.18
00756.03.1	Persuasion	2.50	0.53	0.19	2.25	0.46	0.16
00756.03.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
00756.03.1	Instructing	2.38	0.52	0.18	2.13	0.35	0.13
00756.03.1	Service Orientation	2.88	0.64	0.23	2.25	0.46	0.16
00756.03.1	Complex Problem Solving	2.88	0.35	0.13	2.88	0.35	0.13
00756.03.1	Operations Analysis	1.13	0.35	0.13	0.25	0.71	0.25
00756.03.1	Technology Design	1.88	0.35	0.13	1.25	0.89	0.31
00756.03.1	Equipment Selection	2.63	0.52	0.18	2.13	0.35	0.13
00756.03.1	Installation	2.50	0.76	0.27	2.00	0.93	0.33
00756.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00756.03.1	Operations Monitoring	3.13	0.64	0.23	2.38	0.74	0.26
00756.03.1	Operation and Control	3.13	0.35	0.13	3.00	0.53	0.19
00756.03.1	Equipment Maintenance	3.13	0.35	0.13	3.00	0.00	0.00
00756.03.1	Troubleshooting	3.00	0.00	0.00	3.00	0.00	0.00
00756.03.1	Repairing	3.50	0.76	0.27	3.13	0.35	0.13
00756.03.1	Quality Control Analysis	3.13	0.35	0.13	3.00	0.00	0.00
00756.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
00756.03.1	Systems Analysis	2.25	0.46	0.16	2.25	0.46	0.16
00756.03.1	Systems Evaluation	2.00	0.00	0.00	2.13	0.35	0.13
00756.03.1	Time Management	3.25	0.46	0.16	2.88	0.35	0.13
00756.03.1	M. of Financial Resources	2.00	0.00	0.00	1.25	0.46	0.16
00756.03.1	M. of Material Resources	2.13	0.35	0.13	1.38	0.52	0.18
00756.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Textile Cutting Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01452.02.1	Reading Comprehension	2.75	0.46	0.16	2.63	0.52	0.18
01452.02.1	Active Listening	3.00	0.00	0.00	2.50	0.53	0.19
01452.02.1	Writing	2.63	0.52	0.18	2.25	0.46	0.16
01452.02.1	Speaking	3.00	0.00	0.00	2.13	0.35	0.13
01452.02.1	Mathematics	2.13	0.35	0.13	2.13	0.35	0.13
01452.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01452.02.1	Critical Thinking	2.88	0.35	0.13	2.75	0.46	0.16
01452.02.1	Active Learning	2.50	0.53	0.19	2.00	0.00	0.00
01452.02.1	Learning Strategies	2.00	0.00	0.00	2.00	0.00	0.00
01452.02.1	Monitoring	3.13	0.35	0.13	3.25	0.71	0.25
01452.02.1	Social Perceptiveness	2.50	0.53	0.19	1.88	0.35	0.13
01452.02.1	Coordination	3.00	0.00	0.00	2.75	0.46	0.16
01452.02.1	Persuasion	1.88	0.35	0.13	1.63	0.74	0.26
01452.02.1	Negotiation	1.88	0.35	0.13	1.63	0.74	0.26
01452.02.1	Instructing	2.25	0.46	0.16	2.63	0.52	0.18
01452.02.1	Service Orientation	1.88	0.35	0.13	1.63	0.74	0.26
01452.02.1	Complex Problem Solving	2.75	0.46	0.16	2.63	0.52	0.18
01452.02.1	Operations Analysis	1.75	0.46	0.16	1.25	0.89	0.31
01452.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01452.02.1	Equipment Selection	2.50	0.53	0.19	2.13	0.35	0.13
01452.02.1	Installation	1.75	0.46	0.16	1.25	0.89	0.31
01452.02.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01452.02.1	Operations Monitoring	3.75	0.46	0.16	3.75	0.46	0.16
01452.02.1	Operation and Control	3.38	0.52	0.18	3.75	0.46	0.16
01452.02.1	Equipment Maintenance	3.00	0.00	0.00	3.25	0.46	0.16
01452.02.1	Troubleshooting	3.00	0.00	0.00	3.00	0.00	0.00
01452.02.1	Repairing	3.00	0.00	0.00	3.00	0.00	0.00
01452.02.1	Quality Control Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01452.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
01452.02.1	Systems Analysis	2.38	0.52	0.18	2.25	0.46	0.16
01452.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01452.02.1	Time Management	2.88	0.35	0.13	2.75	0.46	0.16
01452.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01452.02.1	M. of Material Resources	1.88	0.35	0.13	1.13	0.64	0.23
01452.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SE$_M$ > 0.51

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01454.02.1	Reading Comprehension	2.50	0.53	0.19	2.13	0.35	0.13
01454.02.1	Active Listening	3.00	0.53	0.19	2.50	0.53	0.19
01454.02.1	Writing	2.38	0.52	0.18	2.00	0.00	0.00
01454.02.1	Speaking	3.13	0.35	0.13	2.38	0.52	0.18
01454.02.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
01454.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01454.02.1	Critical Thinking	3.00	0.00	0.00	3.00	0.00	0.00
01454.02.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
01454.02.1	Learning Strategies	2.38	0.52	0.18	2.00	0.00	0.00
01454.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
01454.02.1	Social Perceptiveness	2.50	0.53	0.19	2.00	0.00	0.00
01454.02.1	Coordination	2.63	0.52	0.18	2.50	0.53	0.19
01454.02.1	Persuasion	1.88	0.35	0.13	1.63	0.74	0.26
01454.02.1	Negotiation	1.88	0.35	0.13	1.63	0.74	0.26
01454.02.1	Instructing	2.38	0.52	0.18	2.50	0.53	0.19
01454.02.1	Service Orientation	2.00	0.00	0.00	2.00	0.00	0.00
01454.02.1	Complex Problem Solving	2.50	0.53	0.19	2.00	0.00	0.00
01454.02.1	Operations Analysis	1.75	0.46	0.16	1.38	0.92	0.32
01454.02.1	Technology Design	1.38	0.52	0.18	0.50	0.76	0.27
01454.02.1	Equipment Selection	2.25	0.46	0.16	2.00	0.00	0.00
01454.02.1	Installation	1.63	0.74	0.26	1.00	1.20	0.42
01454.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01454.02.1	Operations Monitoring	3.63	0.52	0.18	3.88	0.35	0.13
01454.02.1	Operation and Control	3.50	0.53	0.19	3.88	0.35	0.13
01454.02.1	Equipment Maintenance	2.63	0.52	0.18	2.50	0.76	0.27
01454.02.1	Troubleshooting	2.88	0.64	0.23	2.63	0.52	0.18
01454.02.1	Repairing	2.50	0.53	0.19	2.75	0.71	0.25
01454.02.1	Quality Control Analysis	3.13	0.35	0.13	3.00	0.00	0.00
01454.02.1	Judg. and Dec. Making	2.63	0.52	0.18	2.38	0.52	0.18
01454.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01454.02.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
01454.02.1	Time Management	2.50	0.53	0.19	2.13	0.64	0.23
01454.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01454.02.1	M. of Material Resources	1.75	0.46	0.16	1.00	0.76	0.27
01454.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01455.02.1	Reading Comprehension	2.88	0.35	0.13	2.75	0.46	0.16
01455.02.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
01455.02.1	Writing	2.63	0.52	0.18	2.63	0.52	0.18
01455.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
01455.02.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
01455.02.1	Science	1.25	0.46	0.16	0.63	1.19	0.42
01455.02.1	Critical Thinking	2.88	0.35	0.13	3.00	0.00	0.00
01455.02.1	Active Learning	2.75	0.46	0.16	2.63	0.52	0.18
01455.02.1	Learning Strategies	2.25	0.46	0.16	2.13	0.35	0.13
01455.02.1	Monitoring	3.50	0.53	0.19	3.13	0.35	0.13
01455.02.1	Social Perceptiveness	2.63	0.52	0.18	2.63	0.52	0.18
01455.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01455.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
01455.02.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
01455.02.1	Instructing	2.25	0.46	0.16	2.38	0.52	0.18
01455.02.1	Service Orientation	2.13	0.35	0.13	2.13	0.35	0.13
01455.02.1	Complex Problem Solving	3.00	0.00	0.00	2.75	0.46	0.16
01455.02.1	Operations Analysis	2.00	0.53	0.19	1.50	0.93	0.33
01455.02.1	Technology Design	1.50	0.53	0.19	0.63	0.74	0.26
01455.02.1	Equipment Selection	2.63	0.52	0.18	2.25	0.71	0.25
01455.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01455.02.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01455.02.1	Operations Monitoring	4.00	0.00	0.00	3.88	0.35	0.13
01455.02.1	Operation and Control	3.75	0.46	0.16	3.25	0.46	0.16
01455.02.1	Equipment Maintenance	2.63	0.52	0.18	2.50	0.76	0.27
01455.02.1	Troubleshooting	2.88	0.35	0.13	2.75	0.46	0.16
01455.02.1	Repairing	2.88	0.35	0.13	2.63	0.74	0.26
01455.02.1	Quality Control Analysis	3.00	0.53	0.19	2.75	0.46	0.16
01455.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.88	0.35	0.13
01455.02.1	Systems Analysis	2.00	0.00	0.00	1.75	0.46	0.16
01455.02.1	Systems Evaluation	2.00	0.00	0.00	2.00	0.00	0.00
01455.02.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
01455.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01455.02.1	M. of Material Resources	2.00	0.00	0.00	1.00	0.00	0.00
01455.02.1	M. of Personnel Resources	2.13	0.35	0.13	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Cutters and Trimmers, Hand

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01065.02.1	Reading Comprehension	2.75	0.71	0.25	2.63	0.52	0.18
01065.02.1	Active Listening	2.88	0.35	0.13	2.88	0.35	0.13
01065.02.1	Writing	2.13	0.35	0.13	2.13	0.35	0.13
01065.02.1	Speaking	2.88	0.35	0.13	2.13	0.35	0.13
01065.02.1	Mathematics	2.00	0.00	0.00	1.13	0.35	0.13
01065.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01065.02.1	Critical Thinking	2.63	0.52	0.18	2.13	0.35	0.13
01065.02.1	Active Learning	2.13	0.35	0.13	2.00	0.00	0.00
01065.02.1	Learning Strategies	2.00	0.00	0.00	1.63	0.52	0.18
01065.02.1	Monitoring	2.75	0.46	0.16	2.63	0.52	0.18
01065.02.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
01065.02.1	Coordination	2.25	0.46	0.16	2.25	0.46	0.16
01065.02.1	Persuasion	2.13	0.35	0.13	2.00	0.00	0.00
01065.02.1	Negotiation	2.00	0.00	0.00	2.00	0.00	0.00
01065.02.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
01065.02.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01065.02.1	Complex Problem Solving	2.50	0.53	0.19	2.13	0.35	0.13
01065.02.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01065.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
01065.02.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
01065.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01065.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01065.02.1	Operations Monitoring	2.25	0.46	0.16	2.13	0.64	0.23
01065.02.1	Operation and Control	2.25	0.46	0.16	2.00	0.00	0.00
01065.02.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
01065.02.1	Troubleshooting	2.00	0.00	0.00	1.25	0.46	0.16
01065.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01065.02.1	Quality Control Analysis	2.25	0.46	0.16	2.00	0.53	0.19
01065.02.1	Judg. and Dec. Making	2.75	0.46	0.16	2.50	0.53	0.19
01065.02.1	Systems Analysis	2.00	0.00	0.00	1.25	0.46	0.16
01065.02.1	Systems Evaluation	2.00	0.00	0.00	1.25	0.46	0.16
01065.02.1	Time Management	2.88	0.35	0.13	2.63	0.52	0.18
01065.02.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01065.02.1	M. of Material Resources	1.50	0.53	0.19	0.50	0.53	0.19
01065.02.1	M. of Personnel Resources	2.25	0.46	0.16	2.00	0.00	0.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Painting, Coating, and Decorating Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01074.02.1	Reading Comprehension	2.75	0.46	0.16	2.25	0.46	0.16
01074.02.1	Active Listening	2.88	0.35	0.13	2.25	0.46	0.16
01074.02.1	Writing	2.25	0.46	0.16	1.88	0.83	0.30
01074.02.1	Speaking	2.75	0.46	0.16	2.50	0.53	0.19
01074.02.1	Mathematics	1.88	0.35	0.13	1.13	0.64	0.23
01074.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01074.02.1	Critical Thinking	2.75	0.46	0.16	2.63	0.52	0.18
01074.02.1	Active Learning	2.13	0.35	0.13	2.00	0.00	0.00
01074.02.1	Learning Strategies	2.00	0.00	0.00	2.00	0.00	0.00
01074.02.1	Monitoring	2.88	0.35	0.13	2.63	0.52	0.18
01074.02.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
01074.02.1	Coordination	2.88	0.35	0.13	2.63	0.52	0.18
01074.02.1	Persuasion	2.00	0.00	0.00	2.00	0.00	0.00
01074.02.1	Negotiation	2.00	0.00	0.00	1.88	0.35	0.13
01074.02.1	Instructing	2.13	0.35	0.13	1.75	0.46	0.16
01074.02.1	Service Orientation	2.38	0.52	0.18	2.13	0.35	0.13
01074.02.1	Complex Problem Solving	2.13	0.35	0.13	2.00	0.00	0.00
01074.02.1	Operations Analysis	1.63	0.52	0.18	0.63	0.52	0.18
01074.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01074.02.1	Equipment Selection	1.63	0.52	0.18	1.25	1.04	0.37
01074.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01074.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01074.02.1	Operations Monitoring	2.13	0.35	0.13	2.25	0.46	0.16
01074.02.1	Operation and Control	1.50	0.53	0.19	1.00	1.07	0.38
01074.02.1	Equipment Maintenance	1.50	0.53	0.19	0.88	0.99	0.35
01074.02.1	Troubleshooting	2.00	0.00	0.00	1.75	0.46	0.16
01074.02.1	Repairing	1.38	0.52	0.18	0.50	0.76	0.27
01074.02.1	Quality Control Analysis	2.13	0.35	0.13	2.13	0.35	0.13
01074.02.1	Judg. and Dec. Making	2.50	0.53	0.19	2.25	0.46	0.16
01074.02.1	Systems Analysis	2.00	0.00	0.00	1.13	0.35	0.13
01074.02.1	Systems Evaluation	2.00	0.00	0.00	1.13	0.35	0.13
01074.02.1	Time Management	2.63	0.52	0.18	2.38	0.52	0.18
01074.02.1	M. of Financial Resources	1.50	0.53	0.19	0.63	0.74	0.26
01074.02.1	M. of Material Resources	1.63	0.52	0.18	0.75	0.71	0.25
01074.02.1	M. of Personnel Resources	2.13	0.35	0.13	2.13	0.35	0.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Bus Drivers, School or Special Client

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01102.03.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
01102.03.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
01102.03.1	Writing	2.63	0.52	0.18	2.50	0.53	0.19
01102.03.1	Speaking	3.00	0.00	0.00	2.25	0.46	0.16
01102.03.1	Mathematics	2.00	0.00	0.00	1.50	0.53	0.19
01102.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01102.03.1	Critical Thinking	3.00	0.00	0.00	2.88	0.35	0.13
01102.03.1	Active Learning	2.63	0.52	0.18	2.13	0.35	0.13
01102.03.1	Learning Strategies	2.00	0.00	0.00	1.38	0.52	0.18
01102.03.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
01102.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
01102.03.1	Coordination	2.75	0.46	0.16	2.88	0.35	0.13
01102.03.1	Persuasion	2.63	0.52	0.18	2.63	0.52	0.18
01102.03.1	Negotiation	2.50	0.53	0.19	2.13	0.35	0.13
01102.03.1	Instructing	2.00	0.00	0.00	1.38	0.52	0.18
01102.03.1	Service Orientation	3.00	0.00	0.00	2.75	0.46	0.16
01102.03.1	Complex Problem Solving	2.75	0.46	0.16	2.13	0.35	0.13
01102.03.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
01102.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
01102.03.1	Equipment Selection	2.13	0.35	0.13	1.88	0.35	0.13
01102.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01102.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01102.03.1	Operations Monitoring	3.00	0.53	0.19	2.88	0.35	0.13
01102.03.1	Operation and Control	3.25	0.71	0.25	2.75	0.46	0.16
01102.03.1	Equipment Maintenance	2.25	0.46	0.16	1.88	0.64	0.23
01102.03.1	Troubleshooting	2.63	0.52	0.18	2.00	0.00	0.00
01102.03.1	Repairing	2.25	0.46	0.16	2.13	0.64	0.23
01102.03.1	Quality Control Analysis	2.38	0.52	0.18	2.00	0.00	0.00
01102.03.1	Judg. and Dec. Making	3.13	0.35	0.13	2.38	0.52	0.18
01102.03.1	Systems Analysis	2.00	0.00	0.00	1.38	0.52	0.18
01102.03.1	Systems Evaluation	2.00	0.00	0.00	1.75	0.46	0.16
01102.03.1	Time Management	2.75	0.46	0.16	2.88	0.35	0.13
01102.03.1	M. of Financial Resources	1.38	0.52	0.18	0.38	0.52	0.18
01102.03.1	M. of Material Resources	1.25	0.46	0.16	0.25	0.46	0.16
01102.03.1	M. of Personnel Resources	1.50	0.53	0.19	0.75	0.89	0.31

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

Wellhead Pumpers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01136.02.1	Reading Comprehension	2.75	0.46	0.16	2.88	0.35	0.13
01136.02.1	Active Listening	2.88	0.35	0.13	2.75	0.46	0.16
01136.02.1	Writing	2.63	0.52	0.18	2.13	0.35	0.13
01136.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01136.02.1	Mathematics	2.25	0.46	0.16	1.63	0.74	0.26
01136.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
01136.02.1	Critical Thinking	3.13	0.35	0.13	3.00	0.00	0.00
01136.02.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
01136.02.1	Learning Strategies	1.88	0.35	0.13	1.38	0.74	0.26
01136.02.1	Monitoring	3.13	0.35	0.13	3.25	0.46	0.16
01136.02.1	Social Perceptiveness	2.50	0.53	0.19	2.13	0.64	0.23
01136.02.1	Coordination	2.25	0.46	0.16	2.38	0.52	0.18
01136.02.1	Persuasion	2.00	0.53	0.19	1.25	0.89	0.31
01136.02.1	Negotiation	2.00	0.53	0.19	1.00	0.53	0.19
01136.02.1	Instructing	2.13	0.35	0.13	2.00	0.76	0.27
01136.02.1	Service Orientation	1.88	0.35	0.13	1.25	0.71	0.25
01136.02.1	Complex Problem Solving	3.00	0.53	0.19	2.88	0.35	0.13
01136.02.1	Operations Analysis	1.38	0.52	0.18	0.38	0.52	0.18
01136.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01136.02.1	Equipment Selection	2.25	0.46	0.16	2.13	0.64	0.23
01136.02.1	Installation	1.25	0.46	0.16	0.25	0.46	0.16
01136.02.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01136.02.1	Operations Monitoring	4.00	0.00	0.00	3.88	0.35	0.13
01136.02.1	Operation and Control	3.88	0.35	0.13	3.88	0.35	0.13
01136.02.1	Equipment Maintenance	3.13	0.35	0.13	3.25	0.46	0.16
01136.02.1	Troubleshooting	3.13	0.35	0.13	3.00	0.00	0.00
01136.02.1	Repairing	3.13	0.35	0.13	3.75	0.46	0.16
01136.02.1	Quality Control Analysis	2.38	0.52	0.18	2.50	0.76	0.27
01136.02.1	Judg. and Dec. Making	3.13	0.35	0.13	2.88	0.35	0.13
01136.02.1	Systems Analysis	2.00	0.00	0.00	1.38	0.74	0.26
01136.02.1	Systems Evaluation	2.00	0.00	0.00	1.38	0.74	0.26
01136.02.1	Time Management	2.75	0.46	0.16	2.75	0.46	0.16
01136.02.1	M. of Financial Resources	1.38	0.52	0.18	0.38	0.52	0.18
01136.02.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
01136.02.1	M. of Personnel Resources	2.13	0.35	0.13	2.00	0.53	0.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a $SE_M > 0.51$

*O*NET Analyst Ratings of Occupational Skills: Analysis Cycle 20 Results*

Tank Car, Truck, and Ship Loaders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01134.02.1	Reading Comprehension	3.25	0.46	0.16	3.13	0.35	0.13
01134.02.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
01134.02.1	Writing	3.00	0.00	0.00	2.75	0.46	0.16
01134.02.1	Speaking	3.00	0.53	0.19	2.88	0.35	0.13
01134.02.1	Mathematics	2.50	0.53	0.19	2.13	0.35	0.13
01134.02.1	Science	1.50	0.53	0.19	0.75	1.04	0.37
01134.02.1	Critical Thinking	3.00	0.00	0.00	2.88	0.35	0.13
01134.02.1	Active Learning	2.75	0.46	0.16	2.75	0.46	0.16
01134.02.1	Learning Strategies	2.50	0.53	0.19	2.38	0.52	0.18
01134.02.1	Monitoring	3.00	0.53	0.19	3.13	0.35	0.13
01134.02.1	Social Perceptiveness	2.63	0.52	0.18	2.13	0.35	0.13
01134.02.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
01134.02.1	Persuasion	2.00	0.00	0.00	2.13	0.35	0.13
01134.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01134.02.1	Instructing	2.50	0.53	0.19	2.63	0.52	0.18
01134.02.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01134.02.1	Complex Problem Solving	3.00	0.00	0.00	2.88	0.35	0.13
01134.02.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
01134.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01134.02.1	Equipment Selection	2.38	0.52	0.18	2.38	0.52	0.18
01134.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01134.02.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
01134.02.1	Operations Monitoring	3.75	0.46	0.16	3.38	0.52	0.18
01134.02.1	Operation and Control	3.75	0.46	0.16	3.25	0.46	0.16
01134.02.1	Equipment Maintenance	2.63	0.52	0.18	2.00	0.00	0.00
01134.02.1	Troubleshooting	2.63	0.52	0.18	2.50	0.53	0.19
01134.02.1	Repairing	2.50	0.53	0.19	2.25	0.46	0.16
01134.02.1	Quality Control Analysis	2.88	0.35	0.13	2.88	0.35	0.13
01134.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.88	0.35	0.13
01134.02.1	Systems Analysis	2.50	0.53	0.19	2.63	0.52	0.18
01134.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01134.02.1	Time Management	3.13	0.35	0.13	2.88	0.35	0.13
01134.02.1	M. of Financial Resources	2.00	0.00	0.00	1.13	0.35	0.13
01134.02.1	M. of Material Resources	2.00	0.00	0.00	1.88	0.35	0.13
01134.02.1	M. of Personnel Resources	2.88	0.35	0.13	2.75	0.46	0.16

Appendix C

Summary of Cycle 20 Interrater Agreement Indices

Explanation of Column Titles:

Occupation Title: Occupation title – The SOC code associated with each title is shown in Appendix A.

Importance

Mean of Ms Mean of Mean Importance Ratings – The mean of the analyst mean importance rating across the 35 skills for each occupation.

Median of SDs Median of the Standard Deviations of Importance Ratings – The median of the SDs associated with each mean importance rating across the 35 skills for each occupation.

Median of SE_Ms Median of the Standard Error of the Mean Importance Ratings – The median of the SE_Ms associated with each mean importance rating across the 35 skills for each occupation.

Level

Mean of Ms Mean of Mean Level Ratings – The mean of the analyst mean level rating across the 35 skills for each occupation.

Median of SDs Median of the Standard Deviations of Level Ratings – The median of the SDs associated with each mean level rating across the 35 skills for each occupation.

Median of SE_Ms Median of the Standard Error of the Mean Level Ratings – The median of the SE_Ms associated with each mean level rating across the 35 skills for each occupation.

Occupation Title	Importance			Level		
	Mean of *M*s	Median of SDs	Median of SEMs	Mean of *M*s	Median of SDs	Median of SEMs
Regulatory Affairs Managers	2.71	0.46	0.16	2.57	0.46	0.16
Compliance Managers	2.66	0.46	0.16	2.48	0.46	0.16
Loss Prevention Managers	2.92	0.46	0.16	2.75	0.35	0.13
Purchasing Agents, Except Wholesale, Retail, and Farm Products	2.76	0.46	0.16	2.54	0.35	0.13
Insurance Adjusters, Examiners, and Investigators	2.47	0.35	0.13	2.23	0.35	0.13
Regulatory Affairs Specialists	2.68	0.35	0.13	2.58	0.35	0.13
Human Resources Specialists	2.46	0.35	0.13	2.17	0.35	0.13
Assessors	2.54	0.35	0.13	2.24	0.35	0.13
Computer and Information Research Scientists	2.92	0.46	0.16	3.33	0.53	0.19
Informatics Nurse Specialists	2.99	0.46	0.16	3.07	0.46	0.16
Information Technology Project Managers	2.91	0.35	0.13	2.83	0.46	0.16
Statisticians	2.61	0.46	0.16	2.55	0.46	0.16
Architectural Drafters	2.52	0.46	0.16	2.47	0.52	0.18
Aerospace Engineering and Operations Technicians	2.95	0.46	0.16	2.93	0.46	0.16
Atmospheric and Space Scientists	2.76	0.35	0.13	2.63	0.35	0.13
Economists	2.66	0.35	0.13	2.51	0.46	0.16
Survey Researchers	2.65	0.35	0.13	2.56	0.46	0.16
School Psychologists	2.70	0.46	0.16	2.45	0.46	0.16
Social Science Research Assistants	2.56	0.46	0.16	2.51	0.46	0.16
Health Educators	2.71	0.35	0.13	2.48	0.35	0.13
Business Teachers, Postsecondary	2.64	0.35	0.13	2.51	0.52	0.18
Computer Science Teachers, Postsecondary	2.87	0.35	0.13	2.85	0.46	0.16
Mathematical Science Teachers, Postsecondary	2.62	0.35	0.13	2.41	0.46	0.16
Architecture Teachers, Postsecondary	2.81	0.35	0.13	2.78	0.46	0.16
Engineering Teachers, Postsecondary	2.78	0.35	0.13	2.77	0.52	0.18
Agricultural Sciences Teachers, Postsecondary	2.80	0.46	0.16	2.75	0.52	0.18
Biological Science Teachers, Postsecondary	2.82	0.46	0.16	2.71	0.52	0.18
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	2.77	0.35	0.13	2.74	0.46	0.16
Chemistry Teachers, Postsecondary	2.86	0.35	0.13	2.81	0.35	0.13
Environmental Science Teachers, Postsecondary	2.73	0.35	0.13	2.67	0.46	0.16
Physics Teachers, Postsecondary	2.95	0.35	0.13	2.94	0.35	0.13

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Anthropology and Archeology Teachers, Postsecondary	2.76	0.35	0.13	2.61	0.46	0.16
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	2.69	0.35	0.13	2.50	0.35	0.13
Economics Teachers, Postsecondary	2.60	0.35	0.13	2.43	0.46	0.16
Geography Teachers, Postsecondary	2.69	0.35	0.13	2.56	0.35	0.13
Political Science Teachers, Postsecondary	2.60	0.35	0.13	2.41	0.35	0.13
Psychology Teachers, Postsecondary	2.73	0.35	0.13	2.65	0.35	0.13
Sociology Teachers, Postsecondary	2.62	0.46	0.16	2.55	0.52	0.18
Health Specialties Teachers, Postsecondary	2.84	0.35	0.13	2.73	0.35	0.13
Nursing Instructors and Teachers, Postsecondary	2.88	0.35	0.13	2.83	0.46	0.16
Education Teachers, Postsecondary	2.68	0.35	0.13	2.52	0.46	0.16
Library Science Teachers, Postsecondary	2.65	0.46	0.16	2.50	0.46	0.16
Criminal Justice and Law Enforcement Teachers, Postsecondary	2.60	0.35	0.13	2.36	0.35	0.13
Law Teachers, Postsecondary	2.62	0.35	0.13	2.46	0.46	0.16
Art, Drama, and Music Teachers, Postsecondary	2.67	0.46	0.16	2.48	0.46	0.16
Communications Teachers, Postsecondary	2.66	0.35	0.13	2.49	0.35	0.13
English Language and Literature Teachers, Postsecondary	2.59	0.35	0.13	2.36	0.35	0.13
Foreign Language and Literature Teachers, Postsecondary	2.56	0.35	0.13	2.35	0.46	0.16
History Teachers, Postsecondary	2.63	0.35	0.13	2.40	0.35	0.13
Philosophy and Religion Teachers, Postsecondary	2.58	0.35	0.13	2.39	0.46	0.16
Home Economics Teachers, Postsecondary	2.60	0.35	0.13	2.44	0.46	0.16
Recreation and Fitness Studies Teachers, Postsecondary	2.74	0.35	0.13	2.51	0.35	0.13
Vocational Education Teachers, Postsecondary	2.80	0.46	0.16	2.66	0.46	0.16
Preschool Teachers, Except Special Education	2.56	0.35	0.13	2.05	0.35	0.13
Special Education Teachers, Preschool	2.63	0.46	0.16	2.36	0.53	0.19
Self-Enrichment Education Teachers	2.33	0.35	0.13	1.97	0.46	0.16
Archivists	2.50	0.35	0.13	2.29	0.35	0.13
Audio-Visual and Multimedia Collections Specialists	2.75	0.46	0.16	2.71	0.46	0.16
Multimedia Artists and Animators	2.45	0.35	0.13	2.32	0.35	0.13

Occupation Title	Importance			Level		
	Mean of *M*s	Median of SDs	Median of SEMs	Mean of *M*s	Median of SDs	Median of SEMs
Commercial and Industrial Designers	2.73	0.46	0.16	2.82	0.46	0.16
Directors- Stage, Motion Pictures, Television, and Radio	2.59	0.46	0.16	2.38	0.46	0.16
Talent Directors	2.50	0.35	0.13	2.20	0.46	0.16
Technical Directors/Managers	2.87	0.35	0.13	2.89	0.46	0.16
Coaches and Scouts	3.04	0.35	0.13	2.94	0.35	0.13
Dancers	1.96	0.35	0.13	1.51	0.35	0.13
Singers	1.98	0.35	0.13	1.54	0.35	0.13
Broadcast Technicians	2.80	0.46	0.16	2.77	0.46	0.16
Camera Operators, Television, Video, and Motion Picture	2.57	0.46	0.16	2.45	0.35	0.13
Occupational Health and Safety Specialists	2.90	0.46	0.16	2.90	0.52	0.18
Occupational Health and Safety Technicians	2.70	0.35	0.13	2.56	0.35	0.13
Phlebotomists	2.46	0.52	0.18	2.10	0.46	0.16
Forest Fire Inspectors and Prevention Specialists	2.70	0.46	0.16	2.50	0.52	0.18
Gaming Surveillance Officers and Gaming Investigators	2.39	0.52	0.18	2.01	0.52	0.18
Cooks, Fast Food	1.95	0.35	0.13	1.39	0.35	0.13
Cooks, Institution and Cafeteria	2.47	0.35	0.13	2.10	0.35	0.13
Nonfarm Animal Caretakers	2.14	0.46	0.16	1.62	0.46	0.16
Gaming Dealers	2.03	0.52	0.18	1.51	0.52	0.18
Residential Advisors	2.60	0.35	0.13	2.27	0.35	0.13
Gaming Change Persons and Booth Cashiers	2.25	0.35	0.13	1.79	0.35	0.13
Counter and Rental Clerks	2.34	0.35	0.13	1.95	0.35	0.13
Real Estate Sales Agents	2.58	0.46	0.16	2.40	0.46	0.16
Shipping, Receiving, and Traffic Clerks	2.24	0.35	0.13	1.83	0.35	0.13
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	2.30	0.35	0.13	1.89	0.46	0.16
First-Line Supervisors of Aquacultural Workers	2.98	0.35	0.13	3.03	0.35	0.13
Agricultural Equipment Operators	2.32	0.46	0.16	1.86	0.46	0.16
Farmworkers, Farm, Ranch, and Aquacultural Animals	2.50	0.35	0.13	2.14	0.35	0.13
Fence Erectors	2.28	0.46	0.16	1.96	0.35	0.13
Electrical and Electronics Installers and Repairers, Transportation Equipment	2.66	0.35	0.13	2.50	0.46	0.16
Automotive Body and Related Repairers	2.53	0.35	0.13	2.36	0.46	0.16

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Occupation Title	Importance			Level		
	Mean of *M*s	Median of SDs	Median of SEMs	Mean of *M*s	Median of SDs	Median of SEMs
Rail Car Repairers	2.66	0.46	0.16	2.37	0.46	0.16
Refrigeration Mechanics and Installers	3.05	0.35	0.13	2.94	0.35	0.13
Locksmiths and Safe Repairers	2.58	0.46	0.16	2.28	0.46	0.16
Textile Cutting Machine Setters, Operators, and Tenders	2.46	0.35	0.13	2.18	0.46	0.16
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	2.35	0.52	0.18	2.04	0.35	0.13
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	2.48	0.35	0.13	2.21	0.46	0.16
Cutters and Trimmers, Hand	2.00	0.35	0.13	1.51	0.35	0.13
Painting, Coating, and Decorating Workers	2.04	0.35	0.13	1.59	0.46	0.16
Bus Drivers, School or Special Client	2.29	0.35	0.13	1.83	0.35	0.13
Wellhead Pumpers	2.38	0.46	0.16	2.01	0.46	0.16
Tank Car, Truck, and Ship Loaders	2.52	0.46	0.16	2.25	0.35	0.13

Appendix D

Cycle 20 Interrater Reliability Coefficients

Explanation of Column Titles:

Occupation: Occupation title – The SOC code associated with each title is shown in Appendix A.

Importance   Reliability coefficient representing consistency of importance ratings across abilities for each occupation.

Level   Reliability coefficient representing consistency of level ratings across abilities for each occupation.

IDI Code	Occupation Title	Importance	Level
01546.02.1	Regulatory Affairs Managers	0.98	0.99
01547.02.1	Compliance Managers	0.98	0.99
01553.02.1	Loss Prevention Managers	0.99	0.99
00059.03.1	Purchasing Agents, Except Wholesale, Retail, and Farm Products	0.98	0.99
00459.03.1	Insurance Adjusters, Examiners, and Investigators	0.98	0.99
01557.02.1	Regulatory Affairs Specialists	0.99	0.99
01191.02.1	Human Resources Specialists	0.99	0.99
00091.03.1	Assessors	0.98	0.99
01200.02.1	Computer and Information Research Scientists	0.97	0.98
01569.03.1	Informatics Nurse Specialists	0.98	0.98
01576.02.1	Information Technology Project Managers	0.98	0.99
00200.03.1	Statisticians	0.99	0.99
00134.03.1	Architectural Drafters	0.97	0.98
00143.02.1	Aerospace Engineering and Operations Technicians	0.92	0.94
00151.03.1	Atmospheric and Space Scientists	0.99	0.99
00207.03.1	Economists	0.99	0.99
01228.03.1	Survey Researchers	0.98	0.99
00212.03.1	School Psychologists	0.99	0.99
01238.02.1	Social Science Research Assistants	0.97	0.98
00281.03.1	Health Educators	0.99	0.99
01256.03.1	Business Teachers, Postsecondary	0.99	0.99
00255.03.1	Computer Science Teachers, Postsecondary	0.98	0.99
00254.03.1	Mathematical Science Teachers, Postsecondary	0.99	0.99
01257.03.1	Architecture Teachers, Postsecondary	0.99	0.99
00253.03.1	Engineering Teachers, Postsecondary	0.98	0.99
01258.03.1	Agricultural Sciences Teachers, Postsecondary	0.99	0.99
01259.03.1	Biological Science Teachers, Postsecondary	0.98	0.98
01261.03.1	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	0.99	0.99
00246.03.1	Chemistry Teachers, Postsecondary	0.99	0.99
01262.03.1	Environmental Science Teachers, Postsecondary	0.99	0.99
00247.03.1	Physics Teachers, Postsecondary	0.98	0.99
01263.03.1	Anthropology and Archeology Teachers, Postsecondary	0.99	0.99
01264.03.1	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	0.99	0.99
01265.03.1	Economics Teachers, Postsecondary	0.99	0.99
01266.03.1	Geography Teachers, Postsecondary	0.99	0.99

IDI Code	Occupation Title	Importance	Level
01267.03.1	Political Science Teachers, Postsecondary	0.99	0.99
01268.03.1	Psychology Teachers, Postsecondary	0.99	0.99
01269.03.1	Sociology Teachers, Postsecondary	0.99	0.99
00250.03.1	Health Specialties Teachers, Postsecondary	0.98	0.99
00243.03.1	Nursing Instructors and Teachers, Postsecondary	0.99	0.99
01271.03.1	Education Teachers, Postsecondary	0.99	0.99
01272.03.1	Library Science Teachers, Postsecondary	0.99	0.99
01273.03.1	Criminal Justice and Law Enforcement Teachers, Postsecondary	0.99	0.99
01274.03.1	Law Teachers, Postsecondary	0.99	0.99
00252.03.1	Art, Drama, and Music Teachers, Postsecondary	0.98	0.99
01276.03.1	Communications Teachers, Postsecondary	0.99	0.99
01277.03.1	English Language and Literature Teachers, Postsecondary	0.99	0.99
01278.03.1	Foreign Language and Literature Teachers, Postsecondary	0.99	0.99
01279.03.1	History Teachers, Postsecondary	0.99	0.99
01280.03.1	Philosophy and Religion Teachers, Postsecondary	0.99	0.99
01281.03.1	Home Economics Teachers, Postsecondary	0.98	0.99
01282.03.1	Recreation and Fitness Studies Teachers, Postsecondary	0.99	0.99
00266.03.1	Vocational Education Teachers, Postsecondary	0.97	0.98
00257.03.1	Preschool Teachers, Except Special Education	0.99	0.99
01694.01.2	Special Education Teachers, Preschool	0.98	0.98
01292.03.1	Self-Enrichment Education Teachers	0.97	0.98
00276.03.1	Archivists	0.98	0.99
01294.03.1	Audio-Visual and Multimedia Collections Specialists	0.94	0.96
01298.03.1	Multimedia Artists and Animators	0.97	0.98
00372.03.1	Commercial and Industrial Designers	0.97	0.98
00392.03.1	Directors- Stage, Motion Pictures, Television, and Radio	0.98	0.99
00394.02.1	Talent Directors	0.98	0.99
00395.03.1	Technical Directors/Managers	0.97	0.98
00396.03.1	Coaches and Scouts	0.99	0.99
00385.02.1	Dancers	0.98	0.99
00381.02.1	Singers	0.97	0.98
00363.03.1	Broadcast Technicians	0.93	0.94
00362.03.1	Camera Operators, Television, Video, and Motion Picture	0.96	0.97
00337.03.1	Occupational Health and Safety Specialists	0.98	0.98
01326.03.1	Occupational Health and Safety Technicians	0.98	0.98

IDI Code	Occupation Title	Importance	Level
01706.02.1	Phlebotomists	0.96	0.98
00543.02.1	Forest Fire Inspectors and Prevention Specialists	0.96	0.97
01343.03.1	Gaming Surveillance Officers and Gaming Investigators	0.97	0.98
00577.03.1	Cooks, Fast Food	0.97	0.97
00576.03.1	Cooks, Institution and Cafeteria	0.97	0.98
00645.03.1	Nonfarm Animal Caretakers	0.95	0.97
01354.03.1	Gaming Dealers	0.97	0.98
00229.03.1	Residential Advisors	0.98	0.99
01365.03.1	Gaming Change Persons and Booth Cashiers	0.97	0.97
00437.03.1	Counter and Rental Clerks	0.97	0.98
00417.03.1	Real Estate Sales Agents	0.98	0.99
00524.04.1	Shipping, Receiving, and Traffic Clerks	0.97	0.98
00479.03.1	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0.98	0.98
00629.02.1	First-Line Supervisors of Aquacultural Workers	0.97	0.98
00649.02.1	Agricultural Equipment Operators	0.96	0.97
00657.02.1	Farmworkers, Farm, Ranch, and Aquacultural Animals	0.96	0.98
00819.02.1	Fence Erectors	0.95	0.97
01416.02.1	Electrical and Electronics Installers and Repairers, Transportation Equipment	0.94	0.95
00706.03.1	Automotive Body and Related Repairers	0.94	0.95
00713.02.1	Rail Car Repairers	0.97	0.97
00746.03.1	Refrigeration Mechanics and Installers	0.95	0.95
00756.03.1	Locksmiths and Safe Repairers	0.94	0.96
01452.02.1	Textile Cutting Machine Setters, Operators, and Tenders	0.95	0.96
01454.02.1	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	0.94	0.96
01455.02.1	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	0.97	0.96
01065.02.1	Cutters and Trimmers, Hand	0.96	0.98
01074.02.1	Painting, Coating, and Decorating Workers	0.95	0.95
01102.03.1	Bus Drivers, School or Special Client	0.97	0.98
01136.02.1	Wellhead Pumpers	0.96	0.98
01134.02.1	Tank Car, Truck, and Ship Loaders	0.96	0.98

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