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O*NET[®] Analyst Ratings of Occupational Skills: Analysis Cycle 18 Results

Final Report

Prepared for: National Center for O*NET Development
700 Wade Avenue
P.O. Box 27625
Raleigh, NC 27605

Authors: Matthew C. Reeder
Suzanne Tsacoumis

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O*NET ANALYST RATINGS OF OCCUPATIONAL SKILLS: ANALYSIS CYCLE 18 RESULTS

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 which 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. These are grouped into seven categories: 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). In Cycle 18, we made one small modification to our standard methodology to accommodate the loss of an analyst who withdrew due to health-related reasons after the cycle began. We had a pool of 16 analysts who were divided into two groups of eight. When we learned that this one analyst would not be able to complete the ratings, we randomly assigned analysts from the group of eight that did not initially include this analyst to complete ratings for

those occupations assigned to the withdrawn analyst. This procedure ensured that each occupation was still rated by a total of eight trained and calibrated analysts.

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 eighteenth analysis cycle of 110 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 18.

Evaluation of Cycle 18 Analyst Ratings

As mentioned above, occupational analysts provided ratings on the importance and level of the 35 skills for each of the 110 occupations in Cycle 18. The mean, standard deviation, and 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 18 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 18 data, the level ratings for Repairing were considered not relevant for Public Relations and Fundraising Managers (01176.03.1) and Loan Interviewers and Clerks (00455.02.1) because Repairing was not considered important for performance in these two occupations. In this cycle, there were 409 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 3,850 sets of ratings (110 occupations x 35 skills) in the current cycle. Given this, 10.62% (409/3850) of the skill ratings were flagged as not relevant. The average percentage of skill ratings flagged as not relevant across the previous 17 cycles is 13.57% ($SD = 3.89\%$); thus, the percentage of ratings flagged due to this criterion in the current cycle is lower than the average cycle.

The skills with the most flags in Cycle 18 include Installation ($n = 88$), Repairing ($n = 55$), and Equipment Maintenance ($n = 52$). 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 a standard error of the mean (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 18 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 9-18) are presented in Table 2. There were 8 insufficient agreement flags for level ratings in Cycle 18 (0.21% of the total). Two skills were flagged twice for the level criteria: Quality Control Analysis and Operations Analysis. Four other constructs were flagged once: Management of Financial Resources, Equipment Maintenance, Programming, and Installation. No other constructs were flagged for the level criterion. When looking at the number of occupations flagged to the total number of occupations in the cycle, the percent of occupations flagged in Cycle 18 decreased slightly from Cycle 17 (0.32%) and was lower than the percentages across all other cycles. 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 18 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 M_s ” show the mean of the occupational analyst mean importance and level ratings across the 35 skills for each occupation. The columns labeled “Median of SD_s ” show the median of the SD_s associated with each mean importance and level rating across the 35 skills for each occupation. Finally, the columns labeled “Median of $SE_{M,s}$ ” show the median of the $SE_{M,s}$ 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 9 (N= 31)	Cycle 10 (N= 192)	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)
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	1	0	2	0	1	1	0	0	1
Science	12	27	43	27	23	26	26	33	33	38
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	1	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	0	0	2	1
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	6	7	62	13	10	5	19	8	10	17
Technology Design	6	14	16	29	8	8	14	10	14	15
Equipment Selection	8	113	67	73	58	45	58	32	50	47
Installation	25	167	100	96	96	80	105	70	90	88
Programming	17	14	25	38	22	27	30	34	30	28
Quality Control Analysis	0	30	15	21	6	6	8	3	5	8
Operations Monitoring	0	0	1	12	2	2	0	1	2	1
Operation and Control	3	59	38	53	31	20	28	15	19	24
Equipment Maintenance	14	132	78	81	73	56	71	36	56	52
Troubleshooting	1	58	31	50	28	17	30	16	23	21
Repairing	13	138	83	82	75	59	73	40	59	55
Systems Analysis	1	1	1	1	0	0	0	0	0	0
Systems Evaluation	1	0	0	0	0	1	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	5	22	22	17	9	13	9	9	7	8
M. of Material Resources	2	19	12	8	6	9	7	2	5	5
M. of Personnel Resources	0	0	0	0	0	1	0	0	1	0
Total Flags out of all possible ratings	10.60% (115/1085)	11.90% (802/6720)	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)

Table 2. Level Flags Due to Large SEM

Element Name	Cycle 9 (N = 31)	Cycle 10 (N = 192)	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)
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	1	5	0	0	0	1	0	0	0
Science	5	7	16	8	17	3	2	2	0	0
Critical Thinking	0	1	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	1	0	0	0	0	0
Social Perceptiveness	0	0	0	0	0	0	0	0	0	0
Coordination	0	1	0	0	0	0	0	0	0	0
Persuasion	1	0	6	0	1	0	0	0	0	0
Negotiation	0	2	0	0	1	0	0	0	0	0
Instructing	0	0	0	0	0	0	0	0	0	0
Service Orientation	0	0	3	0	0	0	0	0	0	0
Complex Problem Solving	0	0	0	0	1	0	1	0	0	0
Operations Analysis	3	33	35	13	35	12	11	6	6	2
Technology Design	6	27	22	7	14	5	5	3	2	0
Equipment Selection	5	19	15	4	8	6	2	2	0	0
Installation	4	18	16	3	4	5	2	2	3	1
Programming	3	30	20	9	15	10	4	2	0	1
Quality Control Analysis	3	21	14	12	12	4	5	3	0	2
Operations Monitoring	0	4	3	1	0	0	0	0	0	0
Operation and Control	1	7	5	4	0	1	1	1	0	0
Equipment Maintenance	1	6	2	2	1	0	0	0	1	1
Troubleshooting	4	8	3	1	4	1	1	1	1	0
Repairing	0	4	1	1	0	1	1	0	0	0
Systems Analysis	0	1	2	2	1	0	0	0	0	0
Systems Evaluation	0	0	3	1	1	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	2	7	7	1	7	1	4	1	0	1
M. of Material Resources	2	7	3	2	7	1	3	0	0	0
M. of Personnel Resources	1	0	1	0	0	0	0	1	0	0
Total Flags out of all possible ratings	3.80% (41/1085)	3.00% (204/6720)	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)

The importance ratings across all occupations had a median SD of 0.46 and a median SE_M of 0.16. The level ratings across occupations also 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 18 Interrater Reliability: Across Constructs within Occupations

To examine the interrater reliability of the Cycle 18 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 110 Cycle 18 occupations. Specifically, the median ICC for importance ratings for the skills across the occupations was 0.97 ($M = 0.96$, $SD = 0.02$). The median ICC for the level ratings was 0.98 ($M = 0.97$, $SD = 0.02$). 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 0.85. Overall, the results indicate a strong level of agreement in the occupational analysts' ratings.

Cycle 18 Interrater Reliability: Across Occupations within Constructs

Another effective 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 18 and results are presented in Table 3. The reliability analyses are based on 1,726 rating targets¹. 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 ($M = 0.88$, $SD = 0.05$) 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 11 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.

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.

Table 3. Interrater Reliabilities and Standard Errors of Measurement for Skills Across Occupations in Cycles 1 through 18

		Cycles 1 through 18 (N = 1,726)					
		Importance			Level		
Skill		ICC(C,1)	ICC(C,8)	SE	ICC(C,1)	ICC(C,8)	SE
1	Reading Comprehension	0.53	0.90	0.17	0.67	0.94	0.20
2	Active Listening	0.44	0.86	0.16	0.57	0.91	0.19
3	Writing	0.57	0.91	0.18	0.69	0.95	0.20
4	Speaking	0.51	0.89	0.16	0.62	0.93	0.19
5	Mathematics	0.51	0.89	0.19	0.60	0.92	0.26
6	Science	0.72	0.95	0.20	0.72	0.95	0.30
7	Critical Thinking	0.46	0.87	0.16	0.53	0.90	0.20
8	Active Learning	0.42	0.85	0.19	0.56	0.91	0.23
9	Learning Strategies	0.50	0.89	0.19	0.59	0.92	0.23
10	Monitoring	0.33	0.79	0.17	0.45	0.87	0.21
11	Social Perceptiveness	0.42	0.85	0.17	0.50	0.89	0.22
12	Coordination	0.37	0.82	0.16	0.37	0.82	0.22
13	Persuasion	0.40	0.84	0.19	0.41	0.85	0.27
14	Negotiation	0.43	0.86	0.18	0.44	0.86	0.25
15	Instructing	0.56	0.91	0.17	0.55	0.91	0.23
16	Service Orientation	0.47	0.88	0.18	0.42	0.85	0.24
17	Complex Problem Solving	0.39	0.84	0.19	0.53	0.90	0.20
18	Operations Analysis	0.47	0.88	0.24	0.52	0.90	0.36
19	Technology Design	0.32	0.79	0.20	0.41	0.85	0.30
20	Equipment Selection	0.61	0.93	0.19	0.61	0.93	0.28
21	Installation	0.56	0.91	0.15	0.55	0.91	0.23
22	Programming	0.43	0.86	0.19	0.50	0.89	0.28
23	Quality Control Analysis	0.52	0.90	0.22	0.56	0.91	0.31
24	Operations Monitoring	0.64	0.93	0.20	0.63	0.93	0.27
25	Operation and Control	0.72	0.95	0.19	0.74	0.96	0.25
26	Equipment Maintenance	0.80	0.97	0.15	0.82	0.97	0.20
27	Troubleshooting	0.69	0.95	0.18	0.72	0.95	0.26
28	Repairing	0.81	0.97	0.14	0.84	0.98	0.20
29	Systems Analysis	0.49	0.88	0.20	0.58	0.92	0.25
30	Systems Evaluation	0.44	0.86	0.21	0.55	0.91	0.28
31	Judg. and Dec. Making	0.40	0.84	0.17	0.56	0.91	0.20
32	Time Management	0.32	0.79	0.16	0.44	0.86	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	0.20	0.46	0.87	0.30
35	M. of Personnel Resources	0.47	0.87	0.18	0.50	0.89	0.24

Note. These ICCs 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 $ICC(C,8)$ reliabilities were found for Technology Design, Time Management, and Monitoring, all of which had importance reliabilities slightly under 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 0.82, 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 0.79 (Technology Design, Time Management, and Monitoring all had an ICC of 0.79). A closer examination revealed relatively low between-occupation variation in the ratings for these two constructs, which is a contributing factor to lower reliability and therefore is a plausible explanation for these results.

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 18 analyst ratings were as follows:

- More than 89% 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. For the level ratings, the percentage of skills flagged was the lowest observed across all 18 cycles.
- 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 18 Occupations

IDI Code	Occupation Title
01176.03.1	Public Relations and Fundraising Managers
00013.03.1	Administrative Services Managers
00033.03.1	Storage and Distribution Managers
01551.02.1	Logistics Managers
01179.03.1	Compensation and Benefits Managers
00004.03.1	Training and Development Managers
01183.03.1	Education Administrators, Preschool and Childcare Center/Program
00035.03.1	Food Service Managers
00034.03.1	Lodging Managers
01190.03.1	Emergency Management Directors
01549.02.1	Supply Chain Managers
00065.03.1	Compensation, Benefits, and Job Analysis Specialists
01562.02.1	Customs Brokers
01565.01.1	Financial Quantitative Analysts
01568.02.1	Fraud Examiners, Investigators and Analysts
00192.03.1	Computer Systems Analysts
01520.02.1	Web Developers
01203.03.1	Network and Computer Systems Administrators
00195.03.1	Computer User Support Specialists
00201.03.1	Actuaries
00199.03.1	Operations Research Analysts
00126.03.1	Cartographers and Photogrammetrists
00127.03.1	Surveyors
00111.03.1	Agricultural Engineers
01206.03.1	Biomedical Engineers
00108.03.1	Chemical Engineers
01583.02.1	Transportation Engineers

IDI Code	Occupation Title
00109.03.1	Nuclear Engineers
01592.02.1	Manufacturing Engineers
00137.03.1	Mechanical Drafters
00128.03.1	Civil Engineering Technicians
01605.02.1	Electronics Engineering Technologists
01607.02.1	Manufacturing Engineering Technologists
01610.02.1	Manufacturing Production Technicians
01612.01.1	Nanotechnology Engineering Technologists
00139.03.1	Surveying Technicians
00167.03.1	Biologists
00170.03.1	Microbiologists
00173.03.1	Zoologists and Wildlife Biologists
00153.03.1	Hydrologists
01622.02.1	Neuropsychologists and Clinical Neuropsychologists
00217.02.1	Political Scientists
01623.02.1	Transportation Planners
01235.03.1	Biological Technicians
00185.03.1	Nuclear Equipment Operation Technicians
01254.02.1	Title Examiners, Abstractors, and Searchers
00258.03.1	Kindergarten Teachers, Except Special Education
00271.03.1	Librarians
00273.03.1	Library Technicians
01297.02.1	Fine Artists, Including Painters, Sculptors, and Illustrators
00377.03.1	Interior Designers
00387.02.1	Actors
00379.02.1	Music Directors
00357.02.1	Broadcast News Analysts
00346.03.1	Editors
01523.02.1	Poets, Lyricists and Creative Writers
01700.02.1	Magnetic Resonance Imaging Technologists
00529.03.1	Municipal Fire Fighting and Prevention Supervisors

IDI Code	Occupation Title
00544.03.1	Municipal Firefighters
00541.03.1	Fire Inspectors
00547.03.1	Police Identification and Records Officers
00558.02.1	Transit and Railroad Police
00534.03.1	First-Line Supervisors of Food Preparation and Serving Workers
00579.03.1	Food Preparation Workers
00567.03.1	Bartenders
00581.03.1	Combined Food Preparation and Serving Workers, Including Fast Food
01353.02.1	Slot Supervisors
00406.03.1	Morticians, Undertakers, and Funeral Directors
00617.03.1	Childcare Workers
00231.03.1	Recreation Workers
00493.03.1	Bookkeeping, Accounting, and Auditing Clerks
00471.03.1	Hotel, Motel, and Resort Desk Clerks
00455.02.1	Loan Interviewers and Clerks
00484.03.1	Human Resources Assistants, Except Payroll and Timekeeping
00095.03.1	Executive Secretaries and Executive Administrative Assistants
00483.02.1	Word Processors and Typists
01388.02.1	Office Machine Operators, Except Computer
01526.02.1	First-Line Supervisors of Animal Husbandry and Animal Care Workers
00642.02.1	Graders and Sorters, Agricultural Products
01394.02.1	Logging Equipment Operators
00641.02.1	Log Graders and Scalers
00811.03.1	Highway Maintenance Workers
00804.02.1	Septic Tank Servicers and Sewer Pipe Cleaners
01410.02.1	Earth Drillers, Except Oil and Gas
00840.02.1	Roof Bolters, Mining
01414.02.1	Telecommunications Equipment Installers and Repairers, Except Line Installers
01415.02.1	Electric Motor, Power Tool, and Related Repairers
00739.02.1	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
00712.03.1	Mobile Heavy Equipment Mechanics, Except Engines

IDI Code	Occupation Title
01422.02.1	Control and Valve Installers and Repairers, Except Mechanical Door
00766.02.1	Coin, Vending, and Amusement Machine Servicers and Repairers
01055.02.1	Coil Winders, Tapers, and Finishers
01044.02.1	Electromechanical Equipment Assemblers
01069.02.1	Meat, Poultry, and Fish Cutters and Trimmers
00904.02.1	Slaughterers and Meat Packers
01016.02.1	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
00853.02.1	Patternmakers, Metal and Plastic
01449.02.1	Pressers, Textile, Garment, and Related Materials
01450.02.1	Sewing Machine Operators
00870.02.1	Furniture Finishers
01036.03.1	Packaging and Filling Machine Operators and Tenders
01475.02.1	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
01712.01.2	Photographic Process Workers and Processing Machine Operators
01031.02.1	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
01019.02.1	Cooling and Freezing Equipment Operators and Tenders
01477.02.1	Etchers and Engravers
00591.02.1	Ambulance Drivers and Attendants, Except Emergency Medical Technicians
01103.03.1	Taxi Drivers and Chauffeurs
01150.02.1	Conveyor Operators and Tenders
01495.02.1	Gas Compressor and Gas Pumping Station Operators

Appendix B

Descriptive Statistics for O*NET Analysis Cycle 18 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:	Abilities – The name of each of the 52 O*NET abilities. Shaded abilities 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.
<i>Mean Imp:</i>	Mean Importance Rating – The mean rating across eight raters.
<i>SD Imp:</i>	Standard Deviation of Importance Ratings – The <i>SD</i> of the ratings across eight raters.
<i>SE_M Imp:</i>	Standard Error of the Mean Importance Rating – The <i>SE_M</i> of the ratings across eight raters.
<i>Mean Level:</i>	Mean Level Rating – The mean rating across eight raters.
<i>SD Level:</i>	Standard Deviation of Level Ratings – The <i>SD</i> of the ratings across eight raters.
<i>SE_M Level:</i>	Standard Error of the Mean Level Rating – The <i>SE_M</i> of the ratings across eight raters. Shaded level <i>SE_Ms</i> are flagged for insufficient agreement across raters if the <i>SE_M</i> is greater than 0.51.

Public Relations and Fundraising Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01176.03.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01176.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01176.03.1	Writing	4.00	0.00	0.00	4.38	0.52	0.18
01176.03.1	Speaking	4.00	0.00	0.00	4.50	0.53	0.19
01176.03.1	Mathematics	2.63	0.52	0.18	2.63	0.52	0.18
01176.03.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
01176.03.1	Critical Thinking	3.63	0.52	0.18	4.00	0.00	0.00
01176.03.1	Active Learning	3.25	0.46	0.16	3.50	0.53	0.19
01176.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
01176.03.1	Monitoring	3.25	0.46	0.16	3.88	0.64	0.23
01176.03.1	Social Perceptiveness	4.13	0.35	0.13	4.25	0.46	0.16
01176.03.1	Coordination	3.63	0.52	0.18	3.88	0.35	0.13
01176.03.1	Persuasion	3.88	0.35	0.13	4.00	0.53	0.19
01176.03.1	Negotiation	3.38	0.52	0.18	3.63	0.52	0.18
01176.03.1	Instructing	3.00	0.00	0.00	3.38	0.74	0.26
01176.03.1	Service Orientation	3.38	0.52	0.18	3.50	0.53	0.19
01176.03.1	Complex Problem Solving	3.88	0.35	0.13	3.88	0.35	0.13
01176.03.1	Operations Analysis	2.38	0.74	0.26	2.13	1.13	0.40
01176.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01176.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01176.03.1	Quality Control Analysis	1.63	0.52	0.18	1.00	0.93	0.33
01176.03.1	Operations Monitoring	1.75	0.46	0.16	0.75	0.46	0.16
01176.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01176.03.1	Systems Analysis	3.50	0.53	0.19	3.63	0.52	0.18
01176.03.1	Systems Evaluation	3.50	0.53	0.19	3.50	0.53	0.19
01176.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.00	0.00	0.00
01176.03.1	Time Management	3.50	0.53	0.19	3.75	0.46	0.16
01176.03.1	M. of Financial Resources	3.00	0.00	0.00	3.25	0.46	0.16
01176.03.1	M. of Material Resources	2.63	0.52	0.18	2.63	0.52	0.18
01176.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.63	0.52	0.18

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

Administrative Services Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00013.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00013.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00013.03.1	Writing	3.75	0.46	0.16	3.75	0.46	0.16
00013.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
00013.03.1	Mathematics	2.25	0.46	0.16	2.13	0.35	0.13
00013.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00013.03.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00013.03.1	Active Learning	3.13	0.64	0.23	3.38	0.52	0.18
00013.03.1	Learning Strategies	3.00	0.00	0.00	3.25	0.46	0.16
00013.03.1	Monitoring	3.38	0.52	0.18	3.63	0.52	0.18
00013.03.1	Social Perceptiveness	3.25	0.46	0.16	3.75	0.46	0.16
00013.03.1	Coordination	3.75	0.46	0.16	3.63	0.52	0.18
00013.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00013.03.1	Negotiation	3.63	0.52	0.18	3.25	0.46	0.16
00013.03.1	Instructing	3.00	0.00	0.00	3.25	0.46	0.16
00013.03.1	Service Orientation	3.25	0.46	0.16	3.25	0.46	0.16
00013.03.1	Complex Problem Solving	3.25	0.46	0.16	3.13	0.35	0.13
00013.03.1	Operations Analysis	2.75	0.71	0.25	2.50	0.76	0.27
00013.03.1	Technology Design	1.50	0.53	0.19	0.75	0.89	0.31
00013.03.1	Equipment Selection	1.13	0.35	0.13	0.25	0.71	0.25
00013.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00013.03.1	Programming	1.38	0.52	0.18	0.63	0.92	0.32
00013.03.1	Quality Control Analysis	2.25	0.46	0.16	2.13	0.64	0.23
00013.03.1	Operations Monitoring	2.25	0.46	0.16	2.25	0.46	0.16
00013.03.1	Operation and Control	1.63	0.52	0.18	1.00	0.93	0.33
00013.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00013.03.1	Troubleshooting	1.88	0.35	0.13	1.25	0.71	0.25
00013.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00013.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
00013.03.1	Systems Evaluation	2.75	0.46	0.16	3.13	0.35	0.13
00013.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
00013.03.1	Time Management	4.00	0.00	0.00	4.00	0.00	0.00
00013.03.1	M. of Financial Resources	2.88	0.35	0.13	2.88	0.35	0.13
00013.03.1	M. of Material Resources	2.88	0.35	0.13	2.88	0.35	0.13
00013.03.1	M. of Personnel Resources	3.38	0.52	0.18	3.75	0.46	0.16

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

Storage and Distribution Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00033.03.1	Reading Comprehension	3.63	0.52	0.18	4.00	0.00	0.00
00033.03.1	Active Listening	3.75	0.46	0.16	4.00	0.00	0.00
00033.03.1	Writing	3.50	0.53	0.19	3.25	0.46	0.16
00033.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
00033.03.1	Mathematics	3.00	0.00	0.00	3.00	0.53	0.19
00033.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00033.03.1	Critical Thinking	4.00	0.00	0.00	4.00	0.00	0.00
00033.03.1	Active Learning	3.00	0.00	0.00	3.25	0.46	0.16
00033.03.1	Learning Strategies	3.00	0.00	0.00	3.25	0.46	0.16
00033.03.1	Monitoring	4.00	0.00	0.00	3.88	0.35	0.13
00033.03.1	Social Perceptiveness	3.13	0.35	0.13	3.63	0.52	0.18
00033.03.1	Coordination	3.88	0.35	0.13	3.88	0.35	0.13
00033.03.1	Persuasion	3.25	0.46	0.16	3.38	0.52	0.18
00033.03.1	Negotiation	3.13	0.35	0.13	3.25	0.46	0.16
00033.03.1	Instructing	3.13	0.35	0.13	3.13	0.35	0.13
00033.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
00033.03.1	Complex Problem Solving	3.75	0.46	0.16	3.13	0.35	0.13
00033.03.1	Operations Analysis	2.88	0.35	0.13	3.00	0.00	0.00
00033.03.1	Technology Design	1.50	0.76	0.27	0.75	1.16	0.41
00033.03.1	Equipment Selection	1.38	0.74	0.26	0.50	1.07	0.38
00033.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00033.03.1	Programming	1.38	0.52	0.18	0.63	0.92	0.32
00033.03.1	Quality Control Analysis	2.50	0.53	0.19	2.38	0.52	0.18
00033.03.1	Operations Monitoring	3.00	0.00	0.00	2.63	0.52	0.18
00033.03.1	Operation and Control	2.50	0.53	0.19	2.50	0.53	0.19
00033.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00033.03.1	Troubleshooting	2.13	0.35	0.13	1.38	0.52	0.18
00033.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00033.03.1	Systems Analysis	3.38	0.52	0.18	3.38	0.52	0.18
00033.03.1	Systems Evaluation	3.25	0.71	0.25	3.38	0.52	0.18
00033.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.25	0.46	0.16
00033.03.1	Time Management	3.25	0.46	0.16	3.75	0.46	0.16
00033.03.1	M. of Financial Resources	3.25	0.46	0.16	3.63	0.52	0.18
00033.03.1	M. of Material Resources	3.13	0.35	0.13	3.25	0.46	0.16
00033.03.1	M. of Personnel Resources	3.63	0.52	0.18	3.88	0.35	0.13

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

Logistics Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01551.02.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01551.02.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
01551.02.1	Writing	3.63	0.52	0.18	3.88	0.35	0.13
01551.02.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
01551.02.1	Mathematics	3.13	0.35	0.13	3.25	0.46	0.16
01551.02.1	Science	1.38	0.52	0.18	0.38	0.52	0.18
01551.02.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
01551.02.1	Active Learning	3.63	0.52	0.18	4.13	0.35	0.13
01551.02.1	Learning Strategies	3.25	0.46	0.16	3.38	0.52	0.18
01551.02.1	Monitoring	3.75	0.46	0.16	4.38	0.74	0.26
01551.02.1	Social Perceptiveness	3.38	0.52	0.18	3.50	0.53	0.19
01551.02.1	Coordination	3.88	0.35	0.13	4.00	0.00	0.00
01551.02.1	Persuasion	3.50	0.53	0.19	3.63	0.52	0.18
01551.02.1	Negotiation	3.75	0.46	0.16	3.75	0.46	0.16
01551.02.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
01551.02.1	Service Orientation	3.13	0.35	0.13	3.25	0.46	0.16
01551.02.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01551.02.1	Operations Analysis	2.63	0.52	0.18	2.75	0.46	0.16
01551.02.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01551.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01551.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01551.02.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
01551.02.1	Quality Control Analysis	2.25	0.46	0.16	1.88	0.83	0.30
01551.02.1	Operations Monitoring	2.50	0.53	0.19	2.75	0.46	0.16
01551.02.1	Operation and Control	2.00	0.00	0.00	1.63	0.52	0.18
01551.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01551.02.1	Troubleshooting	1.88	0.35	0.13	1.13	0.64	0.23
01551.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01551.02.1	Systems Analysis	3.25	0.46	0.16	3.25	0.46	0.16
01551.02.1	Systems Evaluation	3.38	0.52	0.18	3.63	0.74	0.26
01551.02.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.64	0.23
01551.02.1	Time Management	3.75	0.46	0.16	4.00	0.00	0.00
01551.02.1	M. of Financial Resources	3.00	0.00	0.00	3.25	0.46	0.16
01551.02.1	M. of Material Resources	3.13	0.35	0.13	3.38	0.52	0.18
01551.02.1	M. of Personnel Resources	3.63	0.52	0.18	3.88	0.35	0.13

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

Compensation and Benefits Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01179.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01179.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01179.03.1	Writing	3.75	0.46	0.16	4.00	0.00	0.00
01179.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01179.03.1	Mathematics	2.88	0.35	0.13	2.88	0.35	0.13
01179.03.1	Science	1.13	0.35	0.13	0.25	0.71	0.25
01179.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01179.03.1	Active Learning	3.75	0.46	0.16	3.75	0.46	0.16
01179.03.1	Learning Strategies	3.00	0.00	0.00	3.00	0.00	0.00
01179.03.1	Monitoring	3.50	0.53	0.19	3.38	0.52	0.18
01179.03.1	Social Perceptiveness	3.50	0.53	0.19	3.63	0.52	0.18
01179.03.1	Coordination	3.25	0.46	0.16	3.63	0.52	0.18
01179.03.1	Persuasion	3.25	0.46	0.16	3.25	0.46	0.16
01179.03.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
01179.03.1	Instructing	3.13	0.35	0.13	3.13	0.35	0.13
01179.03.1	Service Orientation	3.25	0.46	0.16	3.13	0.35	0.13
01179.03.1	Complex Problem Solving	3.38	0.52	0.18	3.25	0.46	0.16
01179.03.1	Operations Analysis	3.00	0.53	0.19	3.13	0.64	0.23
01179.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01179.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
01179.03.1	Quality Control Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01179.03.1	Operations Monitoring	1.88	0.35	0.13	1.13	0.64	0.23
01179.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01179.03.1	Systems Analysis	3.25	0.46	0.16	3.88	0.35	0.13
01179.03.1	Systems Evaluation	3.25	0.46	0.16	3.88	0.35	0.13
01179.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.00	0.00
01179.03.1	Time Management	3.63	0.52	0.18	3.88	0.35	0.13
01179.03.1	M. of Financial Resources	3.13	0.35	0.13	3.63	0.52	0.18
01179.03.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
01179.03.1	M. of Personnel Resources	3.63	0.52	0.18	3.50	0.53	0.19

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

Training and Development Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00004.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00004.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00004.03.1	Writing	3.88	0.35	0.13	4.00	0.00	0.00
00004.03.1	Speaking	4.00	0.00	0.00	4.75	0.46	0.16
00004.03.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
00004.03.1	Science	1.88	0.35	0.13	0.88	0.35	0.13
00004.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00004.03.1	Active Learning	3.88	0.35	0.13	4.25	0.46	0.16
00004.03.1	Learning Strategies	4.38	0.52	0.18	5.25	0.46	0.16
00004.03.1	Monitoring	3.88	0.35	0.13	4.25	0.71	0.25
00004.03.1	Social Perceptiveness	3.88	0.35	0.13	4.00	0.00	0.00
00004.03.1	Coordination	4.00	0.00	0.00	4.00	0.00	0.00
00004.03.1	Persuasion	3.75	0.46	0.16	3.88	0.35	0.13
00004.03.1	Negotiation	3.13	0.35	0.13	3.25	0.46	0.16
00004.03.1	Instructing	4.13	0.35	0.13	4.75	0.46	0.16
00004.03.1	Service Orientation	3.63	0.52	0.18	3.63	0.52	0.18
00004.03.1	Complex Problem Solving	3.63	0.52	0.18	4.00	0.53	0.19
00004.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00004.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00004.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00004.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00004.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00004.03.1	Quality Control Analysis	2.38	0.74	0.26	2.13	0.99	0.35
00004.03.1	Operations Monitoring	1.63	0.52	0.18	1.13	0.99	0.35
00004.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00004.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00004.03.1	Troubleshooting	1.25	0.46	0.16	0.25	0.46	0.16
00004.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00004.03.1	Systems Analysis	3.38	0.52	0.18	3.88	0.35	0.13
00004.03.1	Systems Evaluation	3.38	0.52	0.18	4.00	0.00	0.00
00004.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.00	0.00
00004.03.1	Time Management	3.75	0.46	0.16	4.00	0.00	0.00
00004.03.1	M. of Financial Resources	3.63	0.52	0.18	3.88	0.35	0.13
00004.03.1	M. of Material Resources	3.00	0.00	0.00	3.00	0.00	0.00
00004.03.1	M. of Personnel Resources	3.63	0.52	0.18	4.13	0.35	0.13

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

Education Administrators, Preschool and Childcare Center/Program

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01183.03.1	Reading Comprehension	4.00	0.00	0.00	4.13	0.35	0.13
01183.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01183.03.1	Writing	3.75	0.46	0.16	4.00	0.53	0.19
01183.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01183.03.1	Mathematics	2.88	0.35	0.13	2.88	0.35	0.13
01183.03.1	Science	1.50	0.53	0.19	0.75	0.89	0.31
01183.03.1	Critical Thinking	4.00	0.00	0.00	4.00	0.00	0.00
01183.03.1	Active Learning	3.50	0.53	0.19	3.88	0.64	0.23
01183.03.1	Learning Strategies	3.63	0.52	0.18	3.88	0.64	0.23
01183.03.1	Monitoring	4.00	0.00	0.00	4.13	0.35	0.13
01183.03.1	Social Perceptiveness	3.88	0.35	0.13	3.88	0.35	0.13
01183.03.1	Coordination	4.00	0.00	0.00	4.00	0.00	0.00
01183.03.1	Persuasion	3.38	0.52	0.18	3.50	0.53	0.19
01183.03.1	Negotiation	3.63	0.52	0.18	3.63	0.52	0.18
01183.03.1	Instructing	3.88	0.35	0.13	3.88	0.35	0.13
01183.03.1	Service Orientation	3.88	0.35	0.13	4.00	0.00	0.00
01183.03.1	Complex Problem Solving	3.88	0.35	0.13	3.50	0.76	0.27
01183.03.1	Operations Analysis	1.88	0.83	0.30	1.00	1.07	0.38
01183.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01183.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01183.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01183.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
01183.03.1	Quality Control Analysis	2.00	0.00	0.00	1.75	0.46	0.16
01183.03.1	Operations Monitoring	1.75	0.46	0.16	1.50	1.07	0.38
01183.03.1	Operation and Control	1.50	0.53	0.19	0.63	0.74	0.26
01183.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01183.03.1	Troubleshooting	1.88	0.35	0.13	0.88	0.35	0.13
01183.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01183.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01183.03.1	Systems Evaluation	3.13	0.35	0.13	3.38	0.74	0.26
01183.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
01183.03.1	Time Management	3.75	0.46	0.16	3.88	0.35	0.13
01183.03.1	M. of Financial Resources	3.13	0.35	0.13	3.25	0.46	0.16
01183.03.1	M. of Material Resources	3.13	0.35	0.13	3.13	0.35	0.13
01183.03.1	M. of Personnel Resources	3.75	0.46	0.16	4.00	0.00	0.00

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

Food Service Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00035.03.1	Reading Comprehension	3.63	0.52	0.18	3.63	0.52	0.18
00035.03.1	Active Listening	3.75	0.46	0.16	3.50	0.53	0.19
00035.03.1	Writing	3.00	0.00	0.00	3.13	0.35	0.13
00035.03.1	Speaking	3.75	0.46	0.16	3.63	0.52	0.18
00035.03.1	Mathematics	2.88	0.35	0.13	2.88	0.35	0.13
00035.03.1	Science	1.63	0.52	0.18	1.13	0.99	0.35
00035.03.1	Critical Thinking	3.63	0.52	0.18	3.75	0.46	0.16
00035.03.1	Active Learning	3.38	0.52	0.18	3.75	0.46	0.16
00035.03.1	Learning Strategies	3.00	0.53	0.19	3.25	0.46	0.16
00035.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
00035.03.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
00035.03.1	Coordination	3.63	0.52	0.18	3.75	0.46	0.16
00035.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
00035.03.1	Negotiation	3.13	0.35	0.13	3.50	0.53	0.19
00035.03.1	Instructing	3.25	0.46	0.16	3.38	0.52	0.18
00035.03.1	Service Orientation	3.88	0.35	0.13	3.63	0.52	0.18
00035.03.1	Complex Problem Solving	3.25	0.46	0.16	3.00	0.00	0.00
00035.03.1	Operations Analysis	2.50	0.76	0.27	2.38	1.06	0.38
00035.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
00035.03.1	Equipment Selection	1.75	0.46	0.16	0.88	0.64	0.23
00035.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00035.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
00035.03.1	Quality Control Analysis	2.63	0.52	0.18	2.25	0.46	0.16
00035.03.1	Operations Monitoring	2.50	0.53	0.19	2.25	0.46	0.16
00035.03.1	Operation and Control	2.13	0.64	0.23	1.75	0.89	0.31
00035.03.1	Equipment Maintenance	1.75	0.46	0.16	1.13	0.83	0.30
00035.03.1	Troubleshooting	1.88	0.35	0.13	1.50	0.76	0.27
00035.03.1	Repairing	1.63	0.52	0.18	0.88	0.83	0.30
00035.03.1	Systems Analysis	2.75	0.46	0.16	2.63	0.52	0.18
00035.03.1	Systems Evaluation	2.75	0.46	0.16	2.50	0.76	0.27
00035.03.1	Judg. and Dec. Making	3.13	0.35	0.13	2.88	0.35	0.13
00035.03.1	Time Management	3.50	0.53	0.19	3.75	0.46	0.16
00035.03.1	M. of Financial Resources	3.00	0.00	0.00	3.00	0.00	0.00
00035.03.1	M. of Material Resources	3.00	0.00	0.00	3.00	0.00	0.00
00035.03.1	M. of Personnel Resources	3.75	0.46	0.16	3.75	0.46	0.16

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

Lodging Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00034.03.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
00034.03.1	Active Listening	4.13	0.35	0.13	4.00	0.00	0.00
00034.03.1	Writing	3.88	0.35	0.13	4.00	0.00	0.00
00034.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00034.03.1	Mathematics	2.63	0.52	0.18	2.88	0.35	0.13
00034.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00034.03.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00034.03.1	Active Learning	3.75	0.46	0.16	3.88	0.35	0.13
00034.03.1	Learning Strategies	3.38	0.52	0.18	3.63	0.52	0.18
00034.03.1	Monitoring	3.75	0.46	0.16	3.75	0.46	0.16
00034.03.1	Social Perceptiveness	4.00	0.00	0.00	3.88	0.35	0.13
00034.03.1	Coordination	3.88	0.35	0.13	3.75	0.46	0.16
00034.03.1	Persuasion	3.75	0.46	0.16	4.00	0.00	0.00
00034.03.1	Negotiation	3.88	0.35	0.13	4.00	0.00	0.00
00034.03.1	Instructing	3.75	0.46	0.16	3.75	0.46	0.16
00034.03.1	Service Orientation	4.13	0.35	0.13	4.13	0.35	0.13
00034.03.1	Complex Problem Solving	3.75	0.46	0.16	3.25	0.46	0.16
00034.03.1	Operations Analysis	1.75	0.46	0.16	1.00	0.76	0.27
00034.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00034.03.1	Equipment Selection	1.38	0.52	0.18	0.75	1.04	0.37
00034.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00034.03.1	Programming	1.63	0.52	0.18	0.88	0.83	0.30
00034.03.1	Quality Control Analysis	2.63	0.52	0.18	2.38	0.52	0.18
00034.03.1	Operations Monitoring	2.38	0.52	0.18	2.13	0.35	0.13
00034.03.1	Operation and Control	2.13	0.35	0.13	2.00	0.00	0.00
00034.03.1	Equipment Maintenance	1.38	0.52	0.18	0.75	1.04	0.37
00034.03.1	Troubleshooting	1.88	0.35	0.13	1.50	0.76	0.27
00034.03.1	Repairing	1.38	0.52	0.18	0.75	1.04	0.37
00034.03.1	Systems Analysis	3.13	0.35	0.13	3.00	0.00	0.00
00034.03.1	Systems Evaluation	3.38	0.74	0.26	3.50	0.53	0.19
00034.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.75	0.46	0.16
00034.03.1	Time Management	3.75	0.46	0.16	3.88	0.35	0.13
00034.03.1	M. of Financial Resources	2.88	0.64	0.23	3.50	1.07	0.38
00034.03.1	M. of Material Resources	3.00	0.53	0.19	3.63	1.06	0.38
00034.03.1	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 $SE_M > 0.51$

Emergency Management Directors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01190.03.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01190.03.1	Active Listening	4.00	0.53	0.19	4.00	0.00	0.00
01190.03.1	Writing	4.00	0.00	0.00	4.25	0.46	0.16
01190.03.1	Speaking	4.13	0.35	0.13	4.25	0.46	0.16
01190.03.1	Mathematics	3.00	0.00	0.00	3.13	0.35	0.13
01190.03.1	Science	2.13	0.35	0.13	1.63	0.52	0.18
01190.03.1	Critical Thinking	4.00	0.00	0.00	4.38	0.52	0.18
01190.03.1	Active Learning	3.75	0.46	0.16	4.38	0.52	0.18
01190.03.1	Learning Strategies	3.63	0.52	0.18	3.88	0.64	0.23
01190.03.1	Monitoring	4.00	0.00	0.00	4.38	0.52	0.18
01190.03.1	Social Perceptiveness	3.75	0.46	0.16	3.88	0.35	0.13
01190.03.1	Coordination	4.00	0.00	0.00	4.88	0.35	0.13
01190.03.1	Persuasion	3.75	0.46	0.16	3.88	0.35	0.13
01190.03.1	Negotiation	3.63	0.52	0.18	3.50	0.53	0.19
01190.03.1	Instructing	3.75	0.46	0.16	3.75	0.46	0.16
01190.03.1	Service Orientation	4.13	0.35	0.13	5.00	0.53	0.19
01190.03.1	Complex Problem Solving	4.25	0.46	0.16	5.25	0.46	0.16
01190.03.1	Operations Analysis	2.75	0.46	0.16	3.25	0.89	0.31
01190.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01190.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01190.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01190.03.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01190.03.1	Quality Control Analysis	2.13	0.35	0.13	2.63	0.52	0.18
01190.03.1	Operations Monitoring	2.25	0.46	0.16	1.88	0.35	0.13
01190.03.1	Operation and Control	1.88	0.35	0.13	1.63	0.74	0.26
01190.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01190.03.1	Troubleshooting	1.88	0.35	0.13	1.00	0.53	0.19
01190.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01190.03.1	Systems Analysis	3.75	0.46	0.16	4.13	0.35	0.13
01190.03.1	Systems Evaluation	3.38	0.52	0.18	4.00	0.53	0.19
01190.03.1	Judg. and Dec. Making	4.13	0.35	0.13	4.25	0.46	0.16
01190.03.1	Time Management	3.75	0.46	0.16	3.88	0.35	0.13
01190.03.1	M. of Financial Resources	2.63	0.52	0.18	2.75	0.71	0.25
01190.03.1	M. of Material Resources	2.75	0.46	0.16	2.88	0.64	0.23
01190.03.1	M. of Personnel Resources	3.50	0.53	0.19	3.63	0.52	0.18

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

Supply Chain Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01549.02.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
01549.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01549.02.1	Writing	3.88	0.35	0.13	4.00	0.00	0.00
01549.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01549.02.1	Mathematics	3.00	0.53	0.19	3.00	0.53	0.19
01549.02.1	Science	1.13	0.35	0.13	0.38	1.06	0.38
01549.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.53	0.19
01549.02.1	Active Learning	3.75	0.46	0.16	3.75	0.46	0.16
01549.02.1	Learning Strategies	3.00	0.00	0.00	3.25	0.46	0.16
01549.02.1	Monitoring	4.00	0.00	0.00	4.13	0.35	0.13
01549.02.1	Social Perceptiveness	3.75	0.46	0.16	3.88	0.35	0.13
01549.02.1	Coordination	4.00	0.00	0.00	4.00	0.00	0.00
01549.02.1	Persuasion	3.63	0.52	0.18	3.63	0.52	0.18
01549.02.1	Negotiation	3.75	0.46	0.16	3.75	0.46	0.16
01549.02.1	Instructing	3.13	0.35	0.13	3.25	0.46	0.16
01549.02.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
01549.02.1	Complex Problem Solving	3.88	0.35	0.13	4.00	0.00	0.00
01549.02.1	Operations Analysis	2.50	0.76	0.27	2.38	0.74	0.26
01549.02.1	Technology Design	2.13	0.64	0.23	1.38	0.92	0.32
01549.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01549.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01549.02.1	Programming	1.63	0.52	0.18	0.88	0.83	0.30
01549.02.1	Quality Control Analysis	2.00	0.53	0.19	1.63	0.92	0.32
01549.02.1	Operations Monitoring	2.25	0.46	0.16	1.88	0.64	0.23
01549.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01549.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01549.02.1	Troubleshooting	1.63	0.74	0.26	0.88	1.13	0.40
01549.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01549.02.1	Systems Analysis	3.75	0.46	0.16	3.75	0.46	0.16
01549.02.1	Systems Evaluation	3.88	0.35	0.13	3.88	0.35	0.13
01549.02.1	Judg. and Dec. Making	4.00	0.53	0.19	4.00	0.00	0.00
01549.02.1	Time Management	4.00	0.00	0.00	4.00	0.00	0.00
01549.02.1	M. of Financial Resources	2.88	0.35	0.13	3.00	0.00	0.00
01549.02.1	M. of Material Resources	3.75	0.46	0.16	3.75	0.46	0.16
01549.02.1	M. of Personnel Resources	3.25	0.46	0.16	3.88	0.35	0.13

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

Compensation, Benefits, and Job Analysis Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00065.03.1	Reading Comprehension	3.88	0.35	0.13	4.13	0.35	0.13
00065.03.1	Active Listening	3.75	0.46	0.16	4.00	0.00	0.00
00065.03.1	Writing	3.38	0.52	0.18	3.88	0.35	0.13
00065.03.1	Speaking	3.75	0.46	0.16	4.00	0.00	0.00
00065.03.1	Mathematics	2.88	0.35	0.13	3.38	0.74	0.26
00065.03.1	Science	2.38	0.74	0.26	2.25	1.04	0.37
00065.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00065.03.1	Active Learning	3.38	0.52	0.18	3.63	0.52	0.18
00065.03.1	Learning Strategies	3.00	0.53	0.19	3.50	0.53	0.19
00065.03.1	Monitoring	3.25	0.46	0.16	3.63	0.52	0.18
00065.03.1	Social Perceptiveness	3.13	0.35	0.13	3.75	0.46	0.16
00065.03.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
00065.03.1	Persuasion	3.13	0.35	0.13	3.50	0.53	0.19
00065.03.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
00065.03.1	Instructing	3.13	0.35	0.13	3.13	0.35	0.13
00065.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00065.03.1	Complex Problem Solving	3.38	0.52	0.18	3.75	0.46	0.16
00065.03.1	Operations Analysis	2.75	0.46	0.16	3.13	0.83	0.30
00065.03.1	Technology Design	1.75	0.46	0.16	1.00	0.76	0.27
00065.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Programming	1.75	0.46	0.16	1.50	1.07	0.38
00065.03.1	Quality Control Analysis	1.38	0.52	0.18	0.63	0.92	0.32
00065.03.1	Operations Monitoring	1.88	0.35	0.13	1.25	0.71	0.25
00065.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00065.03.1	Systems Analysis	3.13	0.35	0.13	3.63	0.52	0.18
00065.03.1	Systems Evaluation	3.00	0.53	0.19	3.50	0.53	0.19
00065.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.75	0.46	0.16
00065.03.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
00065.03.1	M. of Financial Resources	2.00	0.00	0.00	1.75	0.46	0.16
00065.03.1	M. of Material Resources	2.00	0.00	0.00	1.75	0.46	0.16
00065.03.1	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 $SE_M > 0.51$

Customs Brokers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01562.02.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
01562.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01562.02.1	Writing	3.75	0.46	0.16	3.88	0.35	0.13
01562.02.1	Speaking	3.75	0.46	0.16	4.00	0.00	0.00
01562.02.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
01562.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
01562.02.1	Active Learning	3.25	0.46	0.16	3.63	0.52	0.18
01562.02.1	Learning Strategies	3.13	0.35	0.13	3.00	0.00	0.00
01562.02.1	Monitoring	3.25	0.46	0.16	3.63	0.52	0.18
01562.02.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
01562.02.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01562.02.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
01562.02.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
01562.02.1	Instructing	3.00	0.00	0.00	3.00	0.53	0.19
01562.02.1	Service Orientation	3.25	0.46	0.16	3.00	0.53	0.19
01562.02.1	Complex Problem Solving	3.75	0.46	0.16	3.13	0.35	0.13
01562.02.1	Operations Analysis	1.63	0.74	0.26	0.75	1.04	0.37
01562.02.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
01562.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Programming	1.88	0.35	0.13	1.38	0.74	0.26
01562.02.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01562.02.1	Operations Monitoring	1.88	0.35	0.13	1.38	0.74	0.26
01562.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01562.02.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
01562.02.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01562.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.00	0.00	0.00
01562.02.1	Time Management	3.25	0.46	0.16	3.13	0.35	0.13
01562.02.1	M. of Financial Resources	2.25	0.46	0.16	2.63	0.52	0.18
01562.02.1	M. of Material Resources	2.50	0.53	0.19	2.50	0.53	0.19
01562.02.1	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 $SE_M > 0.51$

Financial Quantitative Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01565.01.1	Reading Comprehension	4.00	0.00	0.00	4.50	0.53	0.19
01565.01.1	Active Listening	3.75	0.46	0.16	4.00	0.53	0.19
01565.01.1	Writing	3.38	0.52	0.18	3.88	0.83	0.30
01565.01.1	Speaking	3.75	0.46	0.16	3.75	0.71	0.25
01565.01.1	Mathematics	4.25	0.46	0.16	4.88	0.64	0.23
01565.01.1	Science	1.88	0.83	0.30	1.50	1.31	0.46
01565.01.1	Critical Thinking	4.13	0.35	0.13	4.63	0.74	0.26
01565.01.1	Active Learning	3.50	0.53	0.19	4.00	0.93	0.33
01565.01.1	Learning Strategies	3.00	0.53	0.19	3.25	0.46	0.16
01565.01.1	Monitoring	3.00	0.00	0.00	3.13	0.35	0.13
01565.01.1	Social Perceptiveness	3.00	0.76	0.27	3.00	0.53	0.19
01565.01.1	Coordination	3.13	0.35	0.13	3.38	0.52	0.18
01565.01.1	Persuasion	3.25	0.46	0.16	3.50	0.53	0.19
01565.01.1	Negotiation	2.63	0.74	0.26	2.88	0.64	0.23
01565.01.1	Instructing	3.13	0.35	0.13	3.38	0.52	0.18
01565.01.1	Service Orientation	2.50	0.53	0.19	2.63	0.74	0.26
01565.01.1	Complex Problem Solving	3.88	0.64	0.23	4.13	0.64	0.23
01565.01.1	Operations Analysis	1.88	0.99	0.35	1.50	1.85	0.65
01565.01.1	Technology Design	1.75	0.71	0.25	1.25	1.16	0.41
01565.01.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
01565.01.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01565.01.1	Programming	2.75	1.28	0.45	2.50	1.60	0.57
01565.01.1	Quality Control Analysis	1.88	0.99	0.35	1.50	1.69	0.60
01565.01.1	Operations Monitoring	1.75	0.46	0.16	1.13	0.83	0.30
01565.01.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
01565.01.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01565.01.1	Troubleshooting	1.13	0.35	0.13	0.13	0.35	0.13
01565.01.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01565.01.1	Systems Analysis	3.25	1.04	0.37	3.75	1.39	0.49
01565.01.1	Systems Evaluation	3.25	0.89	0.31	3.75	1.28	0.45
01565.01.1	Judg. and Dec. Making	3.63	0.52	0.18	4.13	0.99	0.35
01565.01.1	Time Management	3.00	0.00	0.00	3.13	0.64	0.23
01565.01.1	M. of Financial Resources	2.75	1.04	0.37	2.88	1.73	0.61
01565.01.1	M. of Material Resources	1.88	0.64	0.23	1.50	1.20	0.42
01565.01.1	M. of Personnel Resources	2.63	0.74	0.26	2.50	1.07	0.38

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

Fraud Examiners, Investigators and Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01568.02.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01568.02.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
01568.02.1	Writing	4.13	0.35	0.13	4.13	0.35	0.13
01568.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01568.02.1	Mathematics	2.88	0.35	0.13	3.00	0.00	0.00
01568.02.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
01568.02.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
01568.02.1	Active Learning	3.88	0.35	0.13	3.50	0.53	0.19
01568.02.1	Learning Strategies	3.00	0.00	0.00	3.00	0.00	0.00
01568.02.1	Monitoring	3.38	0.52	0.18	3.13	0.35	0.13
01568.02.1	Social Perceptiveness	3.38	0.52	0.18	3.38	0.52	0.18
01568.02.1	Coordination	3.63	0.52	0.18	3.75	0.46	0.16
01568.02.1	Persuasion	3.25	0.46	0.16	3.38	0.52	0.18
01568.02.1	Negotiation	3.25	0.46	0.16	3.25	0.46	0.16
01568.02.1	Instructing	3.00	0.53	0.19	3.13	0.35	0.13
01568.02.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01568.02.1	Complex Problem Solving	3.75	0.46	0.16	3.50	0.53	0.19
01568.02.1	Operations Analysis	1.25	0.46	0.16	0.38	0.74	0.26
01568.02.1	Technology Design	1.25	0.46	0.16	0.38	0.74	0.26
01568.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01568.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01568.02.1	Programming	1.75	0.46	0.16	1.00	0.76	0.27
01568.02.1	Quality Control Analysis	1.25	0.46	0.16	0.38	0.74	0.26
01568.02.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.53	0.19
01568.02.1	Operation and Control	2.00	0.00	0.00	1.13	0.35	0.13
01568.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01568.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01568.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01568.02.1	Systems Analysis	2.88	0.35	0.13	3.25	0.46	0.16
01568.02.1	Systems Evaluation	2.88	0.35	0.13	3.13	0.35	0.13
01568.02.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
01568.02.1	Time Management	3.25	0.46	0.16	3.25	0.46	0.16
01568.02.1	M. of Financial Resources	2.00	0.00	0.00	1.88	0.35	0.13
01568.02.1	M. of Material Resources	2.00	0.00	0.00	1.88	0.35	0.13
01568.02.1	M. of Personnel Resources	3.13	0.35	0.13	3.13	0.35	0.13

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

Computer Systems Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00192.03.1	Reading Comprehension	3.88	0.35	0.13	4.38	0.52	0.18
00192.03.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
00192.03.1	Writing	3.50	0.53	0.19	4.00	0.00	0.00
00192.03.1	Speaking	3.75	0.46	0.16	4.00	0.00	0.00
00192.03.1	Mathematics	3.00	0.00	0.00	3.50	0.53	0.19
00192.03.1	Science	2.25	0.71	0.25	2.13	0.99	0.35
00192.03.1	Critical Thinking	3.88	0.35	0.13	4.25	0.46	0.16
00192.03.1	Active Learning	3.50	0.53	0.19	4.13	0.35	0.13
00192.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
00192.03.1	Monitoring	3.25	0.46	0.16	4.00	0.53	0.19
00192.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.53	0.19
00192.03.1	Coordination	3.00	0.00	0.00	3.38	0.74	0.26
00192.03.1	Persuasion	2.75	0.46	0.16	2.88	0.64	0.23
00192.03.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
00192.03.1	Instructing	2.88	0.35	0.13	3.88	0.35	0.13
00192.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.53	0.19
00192.03.1	Complex Problem Solving	3.38	0.52	0.18	3.88	0.35	0.13
00192.03.1	Operations Analysis	3.00	0.00	0.00	3.63	0.52	0.18
00192.03.1	Technology Design	2.88	0.35	0.13	3.38	0.52	0.18
00192.03.1	Equipment Selection	2.38	0.52	0.18	2.63	0.92	0.32
00192.03.1	Installation	1.75	0.46	0.16	1.13	0.83	0.30
00192.03.1	Programming	3.13	0.64	0.23	3.63	0.74	0.26
00192.03.1	Quality Control Analysis	2.88	0.83	0.30	3.63	1.51	0.53
00192.03.1	Operations Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
00192.03.1	Operation and Control	2.00	0.00	0.00	2.00	0.00	0.00
00192.03.1	Equipment Maintenance	1.50	0.53	0.19	0.50	0.53	0.19
00192.03.1	Troubleshooting	3.00	0.00	0.00	3.75	0.46	0.16
00192.03.1	Repairing	1.50	0.76	0.27	0.63	1.06	0.38
00192.03.1	Systems Analysis	3.75	0.46	0.16	4.00	0.00	0.00
00192.03.1	Systems Evaluation	3.25	0.46	0.16	4.00	0.00	0.00
00192.03.1	Judg. and Dec. Making	3.38	0.52	0.18	4.00	0.00	0.00
00192.03.1	Time Management	3.25	0.46	0.16	3.50	0.76	0.27
00192.03.1	M. of Financial Resources	2.00	0.53	0.19	2.00	0.93	0.33
00192.03.1	M. of Material Resources	1.88	0.64	0.23	1.50	0.93	0.33
00192.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.00	0.53	0.19

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

Web Developers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01520.02.1	Reading Comprehension	3.63	0.52	0.18	4.00	0.00	0.00
01520.02.1	Active Listening	3.50	0.53	0.19	3.50	0.53	0.19
01520.02.1	Writing	3.13	0.35	0.13	3.50	0.53	0.19
01520.02.1	Speaking	3.25	0.46	0.16	3.25	0.46	0.16
01520.02.1	Mathematics	2.75	0.71	0.25	2.88	0.64	0.23
01520.02.1	Science	2.00	0.53	0.19	2.25	1.04	0.37
01520.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
01520.02.1	Active Learning	3.50	0.53	0.19	3.63	0.52	0.18
01520.02.1	Learning Strategies	2.88	0.35	0.13	3.13	0.35	0.13
01520.02.1	Monitoring	3.00	0.00	0.00	3.38	0.52	0.18
01520.02.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
01520.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01520.02.1	Persuasion	2.88	0.35	0.13	3.13	0.35	0.13
01520.02.1	Negotiation	2.75	0.46	0.16	2.75	0.46	0.16
01520.02.1	Instructing	2.75	0.46	0.16	3.25	0.46	0.16
01520.02.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
01520.02.1	Complex Problem Solving	3.63	0.52	0.18	3.63	0.52	0.18
01520.02.1	Operations Analysis	3.63	0.52	0.18	4.00	0.00	0.00
01520.02.1	Technology Design	2.50	0.76	0.27	2.38	1.06	0.38
01520.02.1	Equipment Selection	2.00	0.53	0.19	2.00	0.93	0.33
01520.02.1	Installation	1.25	0.46	0.16	0.50	1.07	0.38
01520.02.1	Programming	4.13	0.35	0.13	4.25	0.46	0.16
01520.02.1	Quality Control Analysis	2.75	0.46	0.16	2.75	0.46	0.16
01520.02.1	Operations Monitoring	2.25	0.46	0.16	2.13	0.35	0.13
01520.02.1	Operation and Control	1.63	0.52	0.18	0.63	0.52	0.18
01520.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01520.02.1	Troubleshooting	2.13	0.64	0.23	2.63	1.06	0.38
01520.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01520.02.1	Systems Analysis	3.13	0.35	0.13	3.38	0.52	0.18
01520.02.1	Systems Evaluation	3.00	0.00	0.00	3.25	0.46	0.16
01520.02.1	Judg. and Dec. Making	3.38	0.52	0.18	3.38	0.52	0.18
01520.02.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
01520.02.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
01520.02.1	M. of Material Resources	1.75	0.46	0.16	1.50	0.93	0.33
01520.02.1	M. of Personnel Resources	2.38	0.74	0.26	2.25	1.04	0.37

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

Network and Computer Systems Administrators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01203.03.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.53	0.19
01203.03.1	Active Listening	3.75	0.46	0.16	3.88	0.35	0.13
01203.03.1	Writing	3.13	0.35	0.13	3.75	0.46	0.16
01203.03.1	Speaking	3.38	0.52	0.18	3.88	0.35	0.13
01203.03.1	Mathematics	3.00	0.00	0.00	3.38	0.52	0.18
01203.03.1	Science	2.25	0.46	0.16	2.50	0.76	0.27
01203.03.1	Critical Thinking	3.88	0.35	0.13	3.88	0.35	0.13
01203.03.1	Active Learning	3.13	0.35	0.13	3.75	0.46	0.16
01203.03.1	Learning Strategies	2.75	0.46	0.16	3.63	0.52	0.18
01203.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
01203.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
01203.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01203.03.1	Persuasion	2.75	0.46	0.16	3.00	0.53	0.19
01203.03.1	Negotiation	2.50	0.53	0.19	2.88	0.35	0.13
01203.03.1	Instructing	2.88	0.35	0.13	3.63	0.52	0.18
01203.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01203.03.1	Complex Problem Solving	3.75	0.46	0.16	4.00	0.00	0.00
01203.03.1	Operations Analysis	3.13	0.35	0.13	3.25	0.46	0.16
01203.03.1	Technology Design	2.75	0.71	0.25	3.00	0.53	0.19
01203.03.1	Equipment Selection	2.88	0.35	0.13	3.25	0.71	0.25
01203.03.1	Installation	2.38	0.74	0.26	2.13	0.99	0.35
01203.03.1	Programming	3.63	0.52	0.18	3.88	0.64	0.23
01203.03.1	Quality Control Analysis	3.25	0.46	0.16	3.75	0.46	0.16
01203.03.1	Operations Monitoring	3.38	0.74	0.26	3.75	0.46	0.16
01203.03.1	Operation and Control	3.00	0.53	0.19	3.63	0.74	0.26
01203.03.1	Equipment Maintenance	3.00	0.00	0.00	3.50	0.53	0.19
01203.03.1	Troubleshooting	3.75	0.46	0.16	4.00	0.53	0.19
01203.03.1	Repairing	3.00	0.00	0.00	3.13	0.35	0.13
01203.03.1	Systems Analysis	3.88	0.35	0.13	3.88	0.35	0.13
01203.03.1	Systems Evaluation	3.75	0.71	0.25	4.13	0.64	0.23
01203.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
01203.03.1	Time Management	3.13	0.35	0.13	3.75	0.46	0.16
01203.03.1	M. of Financial Resources	2.00	0.00	0.00	1.88	0.35	0.13
01203.03.1	M. of Material Resources	2.75	0.46	0.16	2.75	0.46	0.16
01203.03.1	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 $SE_M > 0.51$

Computer User Support Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00195.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00195.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00195.03.1	Writing	3.63	0.52	0.18	3.13	0.35	0.13
00195.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00195.03.1	Mathematics	2.25	0.46	0.16	2.13	0.35	0.13
00195.03.1	Science	1.75	0.46	0.16	1.50	0.93	0.33
00195.03.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
00195.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
00195.03.1	Learning Strategies	2.88	0.35	0.13	3.13	0.35	0.13
00195.03.1	Monitoring	3.00	0.00	0.00	3.13	0.35	0.13
00195.03.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
00195.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00195.03.1	Persuasion	2.63	0.74	0.26	2.50	1.07	0.38
00195.03.1	Negotiation	2.63	0.74	0.26	2.50	1.07	0.38
00195.03.1	Instructing	3.00	0.00	0.00	3.50	0.53	0.19
00195.03.1	Service Orientation	3.00	0.00	0.00	3.25	0.46	0.16
00195.03.1	Complex Problem Solving	3.75	0.46	0.16	3.25	0.46	0.16
00195.03.1	Operations Analysis	2.63	0.52	0.18	2.75	0.46	0.16
00195.03.1	Technology Design	2.00	0.00	0.00	1.25	0.46	0.16
00195.03.1	Equipment Selection	2.00	0.00	0.00	2.00	0.53	0.19
00195.03.1	Installation	2.13	0.35	0.13	2.00	0.53	0.19
00195.03.1	Programming	2.13	0.35	0.13	2.13	0.35	0.13
00195.03.1	Quality Control Analysis	2.75	0.46	0.16	3.00	0.00	0.00
00195.03.1	Operations Monitoring	2.88	0.35	0.13	2.88	0.35	0.13
00195.03.1	Operation and Control	2.63	0.52	0.18	2.88	0.35	0.13
00195.03.1	Equipment Maintenance	2.38	0.52	0.18	2.25	0.46	0.16
00195.03.1	Troubleshooting	2.88	0.35	0.13	3.00	0.00	0.00
00195.03.1	Repairing	2.38	0.52	0.18	2.38	0.52	0.18
00195.03.1	Systems Analysis	3.13	0.35	0.13	3.00	0.00	0.00
00195.03.1	Systems Evaluation	2.88	0.64	0.23	3.00	0.53	0.19
00195.03.1	Judg. and Dec. Making	3.38	0.52	0.18	3.13	0.35	0.13
00195.03.1	Time Management	3.00	0.00	0.00	3.00	0.53	0.19
00195.03.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
00195.03.1	M. of Material Resources	1.88	0.35	0.13	1.13	0.64	0.23
00195.03.1	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 $SE_M > 0.51$

Actuaries

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00201.03.1	Reading Comprehension	4.13	0.35	0.13	4.63	0.52	0.18
00201.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
00201.03.1	Writing	3.38	0.52	0.18	4.00	0.00	0.00
00201.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00201.03.1	Mathematics	4.25	0.46	0.16	4.88	0.35	0.13
00201.03.1	Science	2.13	0.35	0.13	2.00	0.53	0.19
00201.03.1	Critical Thinking	4.25	0.46	0.16	4.75	0.46	0.16
00201.03.1	Active Learning	3.38	0.52	0.18	4.13	0.35	0.13
00201.03.1	Learning Strategies	3.00	0.00	0.00	3.50	0.53	0.19
00201.03.1	Monitoring	3.13	0.35	0.13	3.63	0.52	0.18
00201.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00201.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00201.03.1	Persuasion	3.00	0.00	0.00	3.63	0.52	0.18
00201.03.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
00201.03.1	Instructing	3.00	0.00	0.00	3.50	0.53	0.19
00201.03.1	Service Orientation	2.88	0.35	0.13	3.13	0.35	0.13
00201.03.1	Complex Problem Solving	4.00	0.00	0.00	4.63	0.52	0.18
00201.03.1	Operations Analysis	3.25	0.46	0.16	3.38	0.52	0.18
00201.03.1	Technology Design	1.75	0.46	0.16	1.00	0.76	0.27
00201.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Programming	2.50	0.76	0.27	2.75	0.71	0.25
00201.03.1	Quality Control Analysis	2.00	0.53	0.19	1.75	0.71	0.25
00201.03.1	Operations Monitoring	1.88	0.35	0.13	1.25	0.71	0.25
00201.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00201.03.1	Systems Analysis	3.88	0.35	0.13	4.50	0.76	0.27
00201.03.1	Systems Evaluation	4.00	0.00	0.00	4.50	0.53	0.19
00201.03.1	Judg. and Dec. Making	4.25	0.46	0.16	4.75	0.46	0.16
00201.03.1	Time Management	3.13	0.35	0.13	3.50	0.76	0.27
00201.03.1	M. of Financial Resources	2.63	0.52	0.18	3.38	0.92	0.32
00201.03.1	M. of Material Resources	2.13	0.35	0.13	2.25	0.46	0.16
00201.03.1	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 $SE_M > 0.51$

Operations Research Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00199.03.1	Reading Comprehension	4.00	0.00	0.00	4.38	0.52	0.18
00199.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00199.03.1	Writing	4.00	0.00	0.00	4.00	0.00	0.00
00199.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00199.03.1	Mathematics	4.50	0.53	0.19	4.75	0.46	0.16
00199.03.1	Science	3.13	0.35	0.13	3.13	0.35	0.13
00199.03.1	Critical Thinking	4.13	0.35	0.13	4.38	0.52	0.18
00199.03.1	Active Learning	3.88	0.35	0.13	4.13	0.35	0.13
00199.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
00199.03.1	Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
00199.03.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
00199.03.1	Coordination	3.00	0.00	0.00	2.88	0.35	0.13
00199.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
00199.03.1	Negotiation	2.25	0.46	0.16	2.63	0.52	0.18
00199.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00199.03.1	Service Orientation	2.75	0.46	0.16	2.50	0.53	0.19
00199.03.1	Complex Problem Solving	4.13	0.35	0.13	4.38	0.52	0.18
00199.03.1	Operations Analysis	3.63	0.52	0.18	4.38	0.52	0.18
00199.03.1	Technology Design	1.88	0.35	0.13	1.38	0.74	0.26
00199.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00199.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00199.03.1	Programming	2.50	0.53	0.19	2.75	0.71	0.25
00199.03.1	Quality Control Analysis	1.88	0.35	0.13	1.63	0.74	0.26
00199.03.1	Operations Monitoring	1.50	0.53	0.19	0.63	0.74	0.26
00199.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00199.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00199.03.1	Troubleshooting	1.38	0.52	0.18	0.38	0.52	0.18
00199.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00199.03.1	Systems Analysis	3.88	0.35	0.13	4.00	0.00	0.00
00199.03.1	Systems Evaluation	4.00	0.00	0.00	4.38	0.52	0.18
00199.03.1	Judg. and Dec. Making	4.00	0.00	0.00	4.25	0.46	0.16
00199.03.1	Time Management	3.00	0.53	0.19	3.00	0.53	0.19
00199.03.1	M. of Financial Resources	1.75	0.46	0.16	1.38	0.92	0.32
00199.03.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
00199.03.1	M. of Personnel Resources	2.38	0.74	0.26	2.63	1.06	0.38

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

Cartographers and Photogrammetrists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00126.03.1	Reading Comprehension	4.00	0.00	0.00	4.13	0.35	0.13
00126.03.1	Active Listening	3.38	0.52	0.18	3.50	0.53	0.19
00126.03.1	Writing	3.50	0.53	0.19	3.63	0.52	0.18
00126.03.1	Speaking	3.13	0.35	0.13	3.13	0.35	0.13
00126.03.1	Mathematics	2.88	0.64	0.23	3.13	0.83	0.30
00126.03.1	Science	1.88	0.35	0.13	1.50	0.76	0.27
00126.03.1	Critical Thinking	3.50	0.53	0.19	3.75	0.46	0.16
00126.03.1	Active Learning	3.25	0.46	0.16	3.38	0.74	0.26
00126.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00126.03.1	Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
00126.03.1	Social Perceptiveness	3.00	0.53	0.19	2.88	0.35	0.13
00126.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00126.03.1	Persuasion	2.38	0.74	0.26	2.13	0.99	0.35
00126.03.1	Negotiation	2.38	0.52	0.18	2.13	0.64	0.23
00126.03.1	Instructing	2.75	0.46	0.16	3.00	0.53	0.19
00126.03.1	Service Orientation	2.75	0.46	0.16	2.75	0.46	0.16
00126.03.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
00126.03.1	Operations Analysis	1.63	0.74	0.26	0.75	1.04	0.37
00126.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
00126.03.1	Equipment Selection	1.50	0.53	0.19	1.00	1.20	0.42
00126.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00126.03.1	Programming	1.88	0.64	0.23	1.13	0.99	0.35
00126.03.1	Quality Control Analysis	2.13	0.35	0.13	2.13	0.35	0.13
00126.03.1	Operations Monitoring	1.88	0.35	0.13	1.75	0.71	0.25
00126.03.1	Operation and Control	1.38	0.52	0.18	0.38	0.52	0.18
00126.03.1	Equipment Maintenance	1.38	0.52	0.18	0.50	0.76	0.27
00126.03.1	Troubleshooting	1.75	0.46	0.16	1.38	0.92	0.32
00126.03.1	Repairing	1.25	0.46	0.16	0.38	0.74	0.26
00126.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00126.03.1	Systems Evaluation	2.75	0.46	0.16	2.75	0.46	0.16
00126.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00126.03.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
00126.03.1	M. of Financial Resources	1.63	0.52	0.18	0.75	0.71	0.25
00126.03.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
00126.03.1	M. of Personnel Resources	2.25	0.71	0.25	2.13	0.99	0.35

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

Surveyors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00127.03.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
00127.03.1	Active Listening	3.75	0.46	0.16	3.88	0.35	0.13
00127.03.1	Writing	3.63	0.52	0.18	3.75	0.46	0.16
00127.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
00127.03.1	Mathematics	4.00	0.00	0.00	4.00	0.53	0.19
00127.03.1	Science	2.88	0.35	0.13	2.88	0.35	0.13
00127.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00127.03.1	Active Learning	3.25	0.46	0.16	3.38	0.52	0.18
00127.03.1	Learning Strategies	3.13	0.35	0.13	3.50	0.53	0.19
00127.03.1	Monitoring	3.00	0.00	0.00	3.50	0.53	0.19
00127.03.1	Social Perceptiveness	3.00	0.00	0.00	2.75	0.46	0.16
00127.03.1	Coordination	3.50	0.53	0.19	3.75	0.46	0.16
00127.03.1	Persuasion	2.75	0.46	0.16	2.88	0.35	0.13
00127.03.1	Negotiation	2.75	0.46	0.16	2.88	0.35	0.13
00127.03.1	Instructing	3.13	0.35	0.13	3.75	0.46	0.16
00127.03.1	Service Orientation	2.75	0.46	0.16	2.63	0.52	0.18
00127.03.1	Complex Problem Solving	3.25	0.46	0.16	3.25	0.46	0.16
00127.03.1	Operations Analysis	2.13	0.83	0.30	1.88	1.25	0.44
00127.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00127.03.1	Equipment Selection	2.13	0.35	0.13	2.13	0.64	0.23
00127.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00127.03.1	Programming	1.88	0.35	0.13	1.50	0.76	0.27
00127.03.1	Quality Control Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00127.03.1	Operations Monitoring	2.88	0.35	0.13	3.00	0.53	0.19
00127.03.1	Operation and Control	2.75	0.46	0.16	2.63	0.52	0.18
00127.03.1	Equipment Maintenance	2.00	0.53	0.19	1.75	0.89	0.31
00127.03.1	Troubleshooting	2.00	0.53	0.19	1.63	0.74	0.26
00127.03.1	Repairing	1.88	0.35	0.13	1.63	0.74	0.26
00127.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00127.03.1	Systems Evaluation	2.75	0.46	0.16	3.00	0.53	0.19
00127.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
00127.03.1	Time Management	3.50	0.53	0.19	3.63	0.52	0.18
00127.03.1	M. of Financial Resources	2.00	0.76	0.27	1.50	0.93	0.33
00127.03.1	M. of Material Resources	2.13	0.64	0.23	1.88	0.83	0.30
00127.03.1	M. of Personnel Resources	2.88	0.35	0.13	3.75	0.46	0.16

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

Agricultural Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00111.03.1	Reading Comprehension	4.00	0.00	0.00	4.63	0.52	0.18
00111.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00111.03.1	Writing	3.88	0.35	0.13	4.25	0.46	0.16
00111.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00111.03.1	Mathematics	3.88	0.35	0.13	4.00	0.00	0.00
00111.03.1	Science	3.38	0.52	0.18	3.38	0.52	0.18
00111.03.1	Critical Thinking	4.13	0.35	0.13	4.25	0.46	0.16
00111.03.1	Active Learning	3.25	0.46	0.16	3.88	0.35	0.13
00111.03.1	Learning Strategies	2.88	0.35	0.13	3.13	0.35	0.13
00111.03.1	Monitoring	3.13	0.35	0.13	3.75	0.46	0.16
00111.03.1	Social Perceptiveness	3.25	0.46	0.16	3.25	0.46	0.16
00111.03.1	Coordination	3.13	0.35	0.13	3.25	0.46	0.16
00111.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00111.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00111.03.1	Instructing	3.00	0.00	0.00	3.25	0.46	0.16
00111.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.53	0.19
00111.03.1	Complex Problem Solving	4.00	0.00	0.00	4.38	0.52	0.18
00111.03.1	Operations Analysis	3.00	0.00	0.00	3.25	0.46	0.16
00111.03.1	Technology Design	2.75	0.46	0.16	3.00	0.53	0.19
00111.03.1	Equipment Selection	2.00	0.00	0.00	1.38	0.52	0.18
00111.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00111.03.1	Programming	2.13	0.83	0.30	1.63	0.92	0.32
00111.03.1	Quality Control Analysis	2.75	0.71	0.25	2.50	0.53	0.19
00111.03.1	Operations Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
00111.03.1	Operation and Control	2.25	0.46	0.16	2.25	0.71	0.25
00111.03.1	Equipment Maintenance	1.63	0.52	0.18	0.88	0.83	0.30
00111.03.1	Troubleshooting	2.13	0.35	0.13	2.13	0.35	0.13
00111.03.1	Repairing	1.63	0.52	0.18	0.75	0.71	0.25
00111.03.1	Systems Analysis	3.88	0.35	0.13	3.88	0.35	0.13
00111.03.1	Systems Evaluation	3.88	0.35	0.13	3.88	0.35	0.13
00111.03.1	Judg. and Dec. Making	4.00	0.00	0.00	4.00	0.00	0.00
00111.03.1	Time Management	3.25	0.46	0.16	3.63	0.52	0.18
00111.03.1	M. of Financial Resources	2.25	0.46	0.16	2.38	0.52	0.18
00111.03.1	M. of Material Resources	2.13	0.35	0.13	2.63	0.52	0.18
00111.03.1	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 $SE_M > 0.51$

Biomedical Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01206.03.1	Reading Comprehension	4.13	0.64	0.23	5.13	0.64	0.23
01206.03.1	Active Listening	4.13	0.35	0.13	4.38	0.52	0.18
01206.03.1	Writing	3.75	0.46	0.16	4.25	0.46	0.16
01206.03.1	Speaking	3.88	0.35	0.13	4.38	0.74	0.26
01206.03.1	Mathematics	3.75	0.46	0.16	4.63	0.74	0.26
01206.03.1	Science	3.88	0.83	0.30	4.63	0.74	0.26
01206.03.1	Critical Thinking	4.25	0.46	0.16	4.75	0.46	0.16
01206.03.1	Active Learning	3.63	0.74	0.26	4.75	0.46	0.16
01206.03.1	Learning Strategies	3.13	0.64	0.23	4.13	0.35	0.13
01206.03.1	Monitoring	3.75	0.46	0.16	4.13	0.35	0.13
01206.03.1	Social Perceptiveness	3.13	0.35	0.13	3.50	0.53	0.19
01206.03.1	Coordination	3.25	0.46	0.16	3.50	0.53	0.19
01206.03.1	Persuasion	3.13	0.35	0.13	3.50	0.53	0.19
01206.03.1	Negotiation	3.13	0.35	0.13	3.00	0.00	0.00
01206.03.1	Instructing	3.25	0.46	0.16	4.00	0.53	0.19
01206.03.1	Service Orientation	3.13	0.35	0.13	3.13	0.35	0.13
01206.03.1	Complex Problem Solving	4.13	0.35	0.13	4.63	0.52	0.18
01206.03.1	Operations Analysis	3.75	0.71	0.25	4.38	0.74	0.26
01206.03.1	Technology Design	3.25	0.46	0.16	4.00	0.53	0.19
01206.03.1	Equipment Selection	2.50	0.53	0.19	2.75	0.46	0.16
01206.03.1	Installation	2.88	0.35	0.13	2.88	0.35	0.13
01206.03.1	Programming	3.00	0.76	0.27	3.50	0.93	0.33
01206.03.1	Quality Control Analysis	3.13	0.35	0.13	3.75	0.46	0.16
01206.03.1	Operations Monitoring	2.88	0.35	0.13	3.38	0.74	0.26
01206.03.1	Operation and Control	2.00	0.76	0.27	2.00	1.41	0.50
01206.03.1	Equipment Maintenance	2.25	0.46	0.16	2.88	0.35	0.13
01206.03.1	Troubleshooting	2.75	0.46	0.16	3.38	0.92	0.32
01206.03.1	Repairing	2.63	0.52	0.18	2.63	0.74	0.26
01206.03.1	Systems Analysis	3.75	0.46	0.16	3.88	0.35	0.13
01206.03.1	Systems Evaluation	3.75	0.46	0.16	4.00	0.00	0.00
01206.03.1	Judg. and Dec. Making	4.13	0.35	0.13	4.75	0.46	0.16
01206.03.1	Time Management	3.25	0.46	0.16	3.63	0.52	0.18
01206.03.1	M. of Financial Resources	2.25	0.46	0.16	2.25	0.46	0.16
01206.03.1	M. of Material Resources	2.63	0.52	0.18	2.88	0.35	0.13
01206.03.1	M. of Personnel Resources	3.13	0.35	0.13	3.25	0.46	0.16

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

Chemical Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00108.03.1	Reading Comprehension	3.88	0.35	0.13	4.38	0.52	0.18
00108.03.1	Active Listening	3.38	0.52	0.18	4.00	0.00	0.00
00108.03.1	Writing	3.25	0.46	0.16	3.88	0.35	0.13
00108.03.1	Speaking	3.63	0.52	0.18	3.88	0.35	0.13
00108.03.1	Mathematics	3.88	0.35	0.13	4.63	0.52	0.18
00108.03.1	Science	4.25	0.46	0.16	5.13	0.35	0.13
00108.03.1	Critical Thinking	4.00	0.00	0.00	4.88	0.35	0.13
00108.03.1	Active Learning	3.75	0.46	0.16	4.50	0.76	0.27
00108.03.1	Learning Strategies	2.88	0.35	0.13	3.63	0.52	0.18
00108.03.1	Monitoring	3.25	0.71	0.25	3.88	0.83	0.30
00108.03.1	Social Perceptiveness	3.00	0.00	0.00	3.13	0.35	0.13
00108.03.1	Coordination	3.00	0.00	0.00	3.63	0.52	0.18
00108.03.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00108.03.1	Negotiation	3.00	0.00	0.00	3.00	0.53	0.19
00108.03.1	Instructing	3.00	0.00	0.00	3.38	0.52	0.18
00108.03.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
00108.03.1	Complex Problem Solving	4.13	0.35	0.13	4.38	0.52	0.18
00108.03.1	Operations Analysis	3.63	0.74	0.26	4.50	0.76	0.27
00108.03.1	Technology Design	2.75	0.71	0.25	3.13	0.64	0.23
00108.03.1	Equipment Selection	2.13	0.64	0.23	2.38	1.06	0.38
00108.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00108.03.1	Programming	2.38	0.74	0.26	2.88	1.13	0.40
00108.03.1	Quality Control Analysis	2.88	0.35	0.13	3.63	0.74	0.26
00108.03.1	Operations Monitoring	3.13	0.35	0.13	3.50	0.53	0.19
00108.03.1	Operation and Control	2.25	0.46	0.16	1.63	0.74	0.26
00108.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00108.03.1	Troubleshooting	3.00	0.76	0.27	3.50	0.76	0.27
00108.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00108.03.1	Systems Analysis	3.88	0.35	0.13	4.00	0.53	0.19
00108.03.1	Systems Evaluation	3.75	0.71	0.25	4.25	0.71	0.25
00108.03.1	Judg. and Dec. Making	3.88	0.35	0.13	4.50	0.76	0.27
00108.03.1	Time Management	3.00	0.00	0.00	3.75	0.46	0.16
00108.03.1	M. of Financial Resources	2.50	0.53	0.19	2.75	0.46	0.16
00108.03.1	M. of Material Resources	2.63	0.52	0.18	2.88	0.35	0.13
00108.03.1	M. of Personnel Resources	2.75	0.46	0.16	3.50	0.53	0.19

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

Transportation Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01583.02.1	Reading Comprehension	4.00	0.00	0.00	4.38	0.52	0.18
01583.02.1	Active Listening	3.75	0.46	0.16	3.88	0.35	0.13
01583.02.1	Writing	3.75	0.46	0.16	3.88	0.35	0.13
01583.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
01583.02.1	Mathematics	3.88	0.35	0.13	4.63	0.52	0.18
01583.02.1	Science	2.50	0.53	0.19	3.00	0.53	0.19
01583.02.1	Critical Thinking	3.88	0.35	0.13	4.13	0.35	0.13
01583.02.1	Active Learning	3.38	0.52	0.18	4.00	0.53	0.19
01583.02.1	Learning Strategies	3.13	0.35	0.13	3.13	0.35	0.13
01583.02.1	Monitoring	3.13	0.35	0.13	3.50	0.76	0.27
01583.02.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
01583.02.1	Coordination	3.50	0.53	0.19	3.75	0.46	0.16
01583.02.1	Persuasion	3.00	0.00	0.00	3.75	0.46	0.16
01583.02.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
01583.02.1	Instructing	2.88	0.35	0.13	3.13	0.35	0.13
01583.02.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01583.02.1	Complex Problem Solving	4.00	0.00	0.00	4.13	0.35	0.13
01583.02.1	Operations Analysis	3.13	0.35	0.13	4.00	0.53	0.19
01583.02.1	Technology Design	2.50	0.53	0.19	2.75	0.46	0.16
01583.02.1	Equipment Selection	1.38	0.52	0.18	0.50	0.76	0.27
01583.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01583.02.1	Programming	2.13	0.64	0.23	2.50	1.20	0.42
01583.02.1	Quality Control Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01583.02.1	Operations Monitoring	2.13	0.35	0.13	2.13	0.35	0.13
01583.02.1	Operation and Control	1.88	0.35	0.13	1.13	0.64	0.23
01583.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01583.02.1	Troubleshooting	2.00	0.00	0.00	2.13	0.35	0.13
01583.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01583.02.1	Systems Analysis	3.63	0.52	0.18	4.00	0.53	0.19
01583.02.1	Systems Evaluation	3.50	0.53	0.19	3.88	0.64	0.23
01583.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.13	0.35	0.13
01583.02.1	Time Management	3.63	0.52	0.18	3.63	0.52	0.18
01583.02.1	M. of Financial Resources	3.00	0.00	0.00	3.88	0.35	0.13
01583.02.1	M. of Material Resources	3.00	0.00	0.00	3.38	0.52	0.18
01583.02.1	M. of Personnel Resources	3.13	0.35	0.13	3.50	0.53	0.19

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

Nuclear Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00109.03.1	Reading Comprehension	4.00	0.00	0.00	4.75	0.46	0.16
00109.03.1	Active Listening	4.00	0.00	0.00	4.38	0.52	0.18
00109.03.1	Writing	3.88	0.35	0.13	4.63	0.52	0.18
00109.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00109.03.1	Mathematics	3.88	0.35	0.13	4.25	0.46	0.16
00109.03.1	Science	4.13	0.35	0.13	4.38	0.52	0.18
00109.03.1	Critical Thinking	4.00	0.00	0.00	4.75	0.46	0.16
00109.03.1	Active Learning	3.63	0.52	0.18	4.13	0.35	0.13
00109.03.1	Learning Strategies	3.00	0.00	0.00	3.25	0.71	0.25
00109.03.1	Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
00109.03.1	Social Perceptiveness	3.00	0.00	0.00	3.38	0.52	0.18
00109.03.1	Coordination	3.63	0.52	0.18	3.63	0.52	0.18
00109.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00109.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
00109.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00109.03.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00109.03.1	Complex Problem Solving	4.00	0.00	0.00	4.38	0.52	0.18
00109.03.1	Operations Analysis	3.88	0.35	0.13	4.63	0.74	0.26
00109.03.1	Technology Design	2.63	0.52	0.18	2.75	0.46	0.16
00109.03.1	Equipment Selection	1.50	0.53	0.19	1.00	1.07	0.38
00109.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00109.03.1	Programming	1.75	0.46	0.16	1.13	0.83	0.30
00109.03.1	Quality Control Analysis	3.13	0.64	0.23	3.50	0.76	0.27
00109.03.1	Operations Monitoring	3.75	0.46	0.16	4.00	0.53	0.19
00109.03.1	Operation and Control	2.38	0.74	0.26	2.13	0.64	0.23
00109.03.1	Equipment Maintenance	1.50	0.53	0.19	1.00	1.07	0.38
00109.03.1	Troubleshooting	3.00	0.93	0.33	2.88	0.64	0.23
00109.03.1	Repairing	1.63	0.74	0.26	1.00	1.07	0.38
00109.03.1	Systems Analysis	3.88	0.35	0.13	3.88	0.35	0.13
00109.03.1	Systems Evaluation	3.75	0.71	0.25	3.88	0.35	0.13
00109.03.1	Judg. and Dec. Making	3.88	0.35	0.13	3.88	0.35	0.13
00109.03.1	Time Management	3.38	0.52	0.18	3.50	0.53	0.19
00109.03.1	M. of Financial Resources	2.13	0.35	0.13	1.88	0.35	0.13
00109.03.1	M. of Material Resources	2.38	0.52	0.18	2.25	0.71	0.25
00109.03.1	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 $SE_M > 0.51$

Manufacturing Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01592.02.1	Reading Comprehension	4.00	0.00	0.00	4.75	0.46	0.16
01592.02.1	Active Listening	3.88	0.35	0.13	4.13	0.35	0.13
01592.02.1	Writing	3.75	0.46	0.16	4.38	0.52	0.18
01592.02.1	Speaking	3.88	0.35	0.13	4.13	0.35	0.13
01592.02.1	Mathematics	4.00	0.00	0.00	4.50	0.53	0.19
01592.02.1	Science	3.13	0.35	0.13	3.75	0.46	0.16
01592.02.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
01592.02.1	Active Learning	3.63	0.52	0.18	4.50	0.76	0.27
01592.02.1	Learning Strategies	3.25	0.71	0.25	3.88	0.35	0.13
01592.02.1	Monitoring	3.88	0.64	0.23	4.63	0.52	0.18
01592.02.1	Social Perceptiveness	3.00	0.00	0.00	3.50	0.53	0.19
01592.02.1	Coordination	3.00	0.00	0.00	3.63	0.52	0.18
01592.02.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
01592.02.1	Negotiation	3.00	0.00	0.00	3.13	0.35	0.13
01592.02.1	Instructing	3.13	0.35	0.13	3.75	0.46	0.16
01592.02.1	Service Orientation	3.00	0.00	0.00	2.88	0.35	0.13
01592.02.1	Complex Problem Solving	4.00	0.00	0.00	4.25	0.46	0.16
01592.02.1	Operations Analysis	3.25	0.46	0.16	3.88	0.35	0.13
01592.02.1	Technology Design	3.63	0.52	0.18	4.00	0.53	0.19
01592.02.1	Equipment Selection	2.88	0.35	0.13	3.63	0.52	0.18
01592.02.1	Installation	2.50	0.76	0.27	3.00	1.31	0.46
01592.02.1	Programming	1.88	0.35	0.13	2.50	1.20	0.42
01592.02.1	Quality Control Analysis	3.25	0.46	0.16	3.88	0.64	0.23
01592.02.1	Operations Monitoring	3.88	0.35	0.13	3.88	0.35	0.13
01592.02.1	Operation and Control	2.63	0.52	0.18	3.25	0.89	0.31
01592.02.1	Equipment Maintenance	2.63	0.52	0.18	3.13	0.83	0.30
01592.02.1	Troubleshooting	3.50	0.76	0.27	3.63	0.92	0.32
01592.02.1	Repairing	2.63	0.52	0.18	3.00	0.53	0.19
01592.02.1	Systems Analysis	3.75	0.46	0.16	4.63	0.74	0.26
01592.02.1	Systems Evaluation	3.75	0.46	0.16	4.50	0.76	0.27
01592.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.63	0.52	0.18
01592.02.1	Time Management	3.50	0.53	0.19	3.88	0.35	0.13
01592.02.1	M. of Financial Resources	2.88	0.64	0.23	3.63	0.74	0.26
01592.02.1	M. of Material Resources	3.00	0.76	0.27	3.50	0.76	0.27
01592.02.1	M. of Personnel Resources	2.88	0.35	0.13	3.88	0.35	0.13

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

Mechanical Drafters

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00137.03.1	Reading Comprehension	3.25	0.46	0.16	3.88	0.35	0.13
00137.03.1	Active Listening	3.25	0.46	0.16	3.50	0.53	0.19
00137.03.1	Writing	3.00	0.00	0.00	3.13	0.35	0.13
00137.03.1	Speaking	3.13	0.35	0.13	3.75	0.46	0.16
00137.03.1	Mathematics	3.25	0.46	0.16	3.88	0.35	0.13
00137.03.1	Science	1.88	0.35	0.13	1.75	0.89	0.31
00137.03.1	Critical Thinking	3.25	0.46	0.16	3.25	0.46	0.16
00137.03.1	Active Learning	3.25	0.46	0.16	3.63	0.52	0.18
00137.03.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
00137.03.1	Monitoring	3.00	0.00	0.00	3.13	0.35	0.13
00137.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.53	0.19
00137.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00137.03.1	Persuasion	2.38	0.52	0.18	2.25	0.46	0.16
00137.03.1	Negotiation	2.25	0.46	0.16	2.25	0.46	0.16
00137.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00137.03.1	Service Orientation	2.38	0.52	0.18	2.38	0.52	0.18
00137.03.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
00137.03.1	Operations Analysis	3.00	0.53	0.19	3.13	0.64	0.23
00137.03.1	Technology Design	2.38	0.74	0.26	2.75	0.71	0.25
00137.03.1	Equipment Selection	1.25	0.46	0.16	0.38	0.74	0.26
00137.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00137.03.1	Programming	2.25	0.46	0.16	2.25	0.46	0.16
00137.03.1	Quality Control Analysis	2.75	0.46	0.16	3.13	0.35	0.13
00137.03.1	Operations Monitoring	2.13	0.35	0.13	2.25	0.46	0.16
00137.03.1	Operation and Control	1.50	0.76	0.27	0.50	0.76	0.27
00137.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00137.03.1	Troubleshooting	2.00	0.00	0.00	1.88	0.35	0.13
00137.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00137.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00137.03.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
00137.03.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00137.03.1	Time Management	2.88	0.35	0.13	3.00	0.00	0.00
00137.03.1	M. of Financial Resources	2.00	0.00	0.00	1.13	0.35	0.13
00137.03.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
00137.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.38	0.52	0.18

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

Civil Engineering Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00128.03.1	Reading Comprehension	3.75	0.46	0.16	4.13	0.35	0.13
00128.03.1	Active Listening	3.75	0.46	0.16	4.00	0.53	0.19
00128.03.1	Writing	3.25	0.46	0.16	3.50	0.53	0.19
00128.03.1	Speaking	3.38	0.52	0.18	3.50	0.53	0.19
00128.03.1	Mathematics	3.63	0.52	0.18	3.38	0.52	0.18
00128.03.1	Science	2.75	0.46	0.16	2.63	0.74	0.26
00128.03.1	Critical Thinking	3.88	0.35	0.13	3.63	0.52	0.18
00128.03.1	Active Learning	2.88	0.35	0.13	3.00	0.53	0.19
00128.03.1	Learning Strategies	2.25	0.46	0.16	2.63	0.52	0.18
00128.03.1	Monitoring	3.25	0.46	0.16	3.38	0.52	0.18
00128.03.1	Social Perceptiveness	2.88	0.35	0.13	2.88	0.35	0.13
00128.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00128.03.1	Persuasion	2.50	0.76	0.27	2.38	1.06	0.38
00128.03.1	Negotiation	2.50	0.53	0.19	2.75	0.71	0.25
00128.03.1	Instructing	2.38	0.74	0.26	2.38	1.06	0.38
00128.03.1	Service Orientation	2.75	0.46	0.16	2.63	0.52	0.18
00128.03.1	Complex Problem Solving	3.13	0.35	0.13	3.25	0.46	0.16
00128.03.1	Operations Analysis	2.63	0.52	0.18	3.00	0.00	0.00
00128.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00128.03.1	Equipment Selection	1.13	0.35	0.13	0.25	0.71	0.25
00128.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00128.03.1	Programming	1.88	0.35	0.13	1.00	0.53	0.19
00128.03.1	Quality Control Analysis	2.13	0.35	0.13	2.00	0.53	0.19
00128.03.1	Operations Monitoring	2.38	0.74	0.26	2.38	1.06	0.38
00128.03.1	Operation and Control	2.13	0.64	0.23	2.00	0.93	0.33
00128.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00128.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
00128.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00128.03.1	Systems Analysis	2.88	0.64	0.23	3.00	0.53	0.19
00128.03.1	Systems Evaluation	2.75	0.71	0.25	2.75	0.71	0.25
00128.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00128.03.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
00128.03.1	M. of Financial Resources	2.13	0.64	0.23	1.63	0.92	0.32
00128.03.1	M. of Material Resources	2.13	0.35	0.13	2.00	0.93	0.33
00128.03.1	M. of Personnel Resources	2.25	0.71	0.25	2.25	1.04	0.37

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

Electronics Engineering Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01605.02.1	Reading Comprehension	3.63	0.52	0.18	3.88	0.35	0.13
01605.02.1	Active Listening	3.63	0.52	0.18	3.75	0.46	0.16
01605.02.1	Writing	3.13	0.35	0.13	3.38	0.52	0.18
01605.02.1	Speaking	3.38	0.52	0.18	3.50	0.53	0.19
01605.02.1	Mathematics	3.50	0.53	0.19	4.00	0.00	0.00
01605.02.1	Science	2.88	0.35	0.13	3.50	0.53	0.19
01605.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01605.02.1	Active Learning	3.13	0.35	0.13	3.75	0.71	0.25
01605.02.1	Learning Strategies	2.75	0.46	0.16	3.25	0.46	0.16
01605.02.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
01605.02.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
01605.02.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01605.02.1	Persuasion	2.88	0.35	0.13	3.00	0.53	0.19
01605.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01605.02.1	Instructing	3.00	0.00	0.00	3.38	0.52	0.18
01605.02.1	Service Orientation	2.63	0.52	0.18	2.63	0.52	0.18
01605.02.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
01605.02.1	Operations Analysis	2.50	0.53	0.19	3.00	0.53	0.19
01605.02.1	Technology Design	2.63	0.52	0.18	2.75	0.46	0.16
01605.02.1	Equipment Selection	3.00	0.53	0.19	3.50	0.53	0.19
01605.02.1	Installation	2.13	0.83	0.30	2.13	1.36	0.48
01605.02.1	Programming	2.63	0.74	0.26	2.75	0.71	0.25
01605.02.1	Quality Control Analysis	3.25	0.46	0.16	3.75	0.46	0.16
01605.02.1	Operations Monitoring	3.38	0.52	0.18	3.50	0.53	0.19
01605.02.1	Operation and Control	3.00	0.53	0.19	3.13	0.35	0.13
01605.02.1	Equipment Maintenance	3.25	0.71	0.25	3.38	0.74	0.26
01605.02.1	Troubleshooting	3.50	0.53	0.19	3.88	0.35	0.13
01605.02.1	Repairing	3.25	0.71	0.25	3.63	0.52	0.18
01605.02.1	Systems Analysis	3.13	0.35	0.13	3.25	0.46	0.16
01605.02.1	Systems Evaluation	3.00	0.53	0.19	3.13	0.35	0.13
01605.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.50	0.53	0.19
01605.02.1	Time Management	3.13	0.35	0.13	3.25	0.46	0.16
01605.02.1	M. of Financial Resources	1.75	0.46	0.16	1.13	0.83	0.30
01605.02.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.89	0.31
01605.02.1	M. of Personnel Resources	2.63	0.52	0.18	3.00	0.53	0.19

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

Manufacturing Engineering Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01607.02.1	Reading Comprehension	3.75	0.46	0.16	4.50	0.53	0.19
01607.02.1	Active Listening	3.75	0.46	0.16	3.75	0.46	0.16
01607.02.1	Writing	3.25	0.46	0.16	3.75	0.46	0.16
01607.02.1	Speaking	3.63	0.52	0.18	3.75	0.46	0.16
01607.02.1	Mathematics	4.00	0.00	0.00	4.50	0.53	0.19
01607.02.1	Science	3.00	0.00	0.00	3.13	0.35	0.13
01607.02.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
01607.02.1	Active Learning	3.75	0.46	0.16	4.13	0.64	0.23
01607.02.1	Learning Strategies	3.00	0.53	0.19	3.38	0.52	0.18
01607.02.1	Monitoring	3.38	0.52	0.18	4.38	0.92	0.32
01607.02.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
01607.02.1	Coordination	3.00	0.00	0.00	3.63	0.52	0.18
01607.02.1	Persuasion	2.88	0.35	0.13	3.25	0.71	0.25
01607.02.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01607.02.1	Instructing	3.00	0.00	0.00	3.63	0.52	0.18
01607.02.1	Service Orientation	2.63	0.52	0.18	2.75	0.46	0.16
01607.02.1	Complex Problem Solving	3.75	0.46	0.16	4.13	0.64	0.23
01607.02.1	Operations Analysis	3.38	0.52	0.18	3.88	0.83	0.30
01607.02.1	Technology Design	3.00	0.00	0.00	3.75	0.46	0.16
01607.02.1	Equipment Selection	3.00	0.53	0.19	3.88	0.83	0.30
01607.02.1	Installation	2.50	0.76	0.27	2.88	1.25	0.44
01607.02.1	Programming	2.75	0.71	0.25	3.00	0.53	0.19
01607.02.1	Quality Control Analysis	3.50	0.76	0.27	4.00	0.53	0.19
01607.02.1	Operations Monitoring	3.75	0.46	0.16	3.75	0.46	0.16
01607.02.1	Operation and Control	3.00	0.53	0.19	3.50	1.07	0.38
01607.02.1	Equipment Maintenance	2.88	0.35	0.13	3.38	0.74	0.26
01607.02.1	Troubleshooting	3.00	0.53	0.19	3.75	0.46	0.16
01607.02.1	Repairing	2.63	0.52	0.18	2.88	0.35	0.13
01607.02.1	Systems Analysis	3.88	0.35	0.13	3.88	0.35	0.13
01607.02.1	Systems Evaluation	3.50	0.53	0.19	3.88	0.64	0.23
01607.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.38	0.74	0.26
01607.02.1	Time Management	3.13	0.35	0.13	3.25	0.71	0.25
01607.02.1	M. of Financial Resources	2.75	0.46	0.16	3.25	0.71	0.25
01607.02.1	M. of Material Resources	2.75	0.46	0.16	3.25	0.46	0.16
01607.02.1	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 $SE_M > 0.51$

Manufacturing Production Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01610.02.1	Reading Comprehension	3.63	0.52	0.18	3.13	0.35	0.13
01610.02.1	Active Listening	3.63	0.52	0.18	3.13	0.35	0.13
01610.02.1	Writing	3.00	0.00	0.00	3.13	0.35	0.13
01610.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01610.02.1	Mathematics	2.38	0.52	0.18	2.75	0.46	0.16
01610.02.1	Science	2.63	0.52	0.18	2.63	0.52	0.18
01610.02.1	Critical Thinking	3.75	0.46	0.16	3.13	0.35	0.13
01610.02.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
01610.02.1	Learning Strategies	2.75	0.46	0.16	3.00	0.00	0.00
01610.02.1	Monitoring	3.75	0.46	0.16	3.63	0.52	0.18
01610.02.1	Social Perceptiveness	2.88	0.35	0.13	3.00	0.00	0.00
01610.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01610.02.1	Persuasion	2.50	0.53	0.19	2.63	0.52	0.18
01610.02.1	Negotiation	2.38	0.52	0.18	2.25	0.46	0.16
01610.02.1	Instructing	2.88	0.35	0.13	2.88	0.35	0.13
01610.02.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
01610.02.1	Complex Problem Solving	3.25	0.46	0.16	3.00	0.00	0.00
01610.02.1	Operations Analysis	2.63	0.52	0.18	2.75	0.46	0.16
01610.02.1	Technology Design	1.88	0.35	0.13	1.50	0.76	0.27
01610.02.1	Equipment Selection	2.75	0.46	0.16	2.38	0.52	0.18
01610.02.1	Installation	2.38	0.92	0.32	2.13	0.99	0.35
01610.02.1	Programming	1.50	0.53	0.19	0.75	0.89	0.31
01610.02.1	Quality Control Analysis	3.38	0.74	0.26	3.63	0.52	0.18
01610.02.1	Operations Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
01610.02.1	Operation and Control	3.50	0.53	0.19	3.25	0.46	0.16
01610.02.1	Equipment Maintenance	3.63	0.52	0.18	3.75	0.46	0.16
01610.02.1	Troubleshooting	3.25	0.46	0.16	3.75	0.46	0.16
01610.02.1	Repairing	3.25	0.46	0.16	3.25	0.46	0.16
01610.02.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
01610.02.1	Systems Evaluation	2.88	0.64	0.23	2.75	0.46	0.16
01610.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.00	0.00	0.00
01610.02.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
01610.02.1	M. of Financial Resources	2.00	0.00	0.00	1.38	0.52	0.18
01610.02.1	M. of Material Resources	2.00	0.00	0.00	2.00	0.00	0.00
01610.02.1	M. of Personnel Resources	2.50	0.53	0.19	2.50	0.53	0.19

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

Nanotechnology Engineering Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01612.01.1	Reading Comprehension	3.75	0.46	0.16	4.13	0.83	0.30
01612.01.1	Active Listening	3.63	0.52	0.18	3.75	0.71	0.25
01612.01.1	Writing	3.25	0.46	0.16	3.75	0.46	0.16
01612.01.1	Speaking	3.38	0.52	0.18	3.88	0.35	0.13
01612.01.1	Mathematics	3.50	0.53	0.19	4.13	0.64	0.23
01612.01.1	Science	3.50	0.76	0.27	4.13	0.83	0.30
01612.01.1	Critical Thinking	3.75	0.46	0.16	3.88	0.64	0.23
01612.01.1	Active Learning	3.00	0.53	0.19	3.38	1.19	0.42
01612.01.1	Learning Strategies	2.88	0.35	0.13	3.25	0.46	0.16
01612.01.1	Monitoring	3.50	0.53	0.19	3.50	0.76	0.27
01612.01.1	Social Perceptiveness	2.75	0.46	0.16	2.88	0.35	0.13
01612.01.1	Coordination	3.00	0.00	0.00	3.13	0.35	0.13
01612.01.1	Persuasion	2.63	0.52	0.18	2.88	0.64	0.23
01612.01.1	Negotiation	2.50	0.93	0.33	2.38	1.19	0.42
01612.01.1	Instructing	3.00	0.00	0.00	3.25	0.46	0.16
01612.01.1	Service Orientation	2.75	0.46	0.16	2.63	0.52	0.18
01612.01.1	Complex Problem Solving	3.25	0.71	0.25	3.50	0.53	0.19
01612.01.1	Operations Analysis	1.88	0.99	0.35	1.50	1.69	0.60
01612.01.1	Technology Design	1.88	0.83	0.30	1.50	1.41	0.50
01612.01.1	Equipment Selection	2.13	0.64	0.23	2.25	1.16	0.41
01612.01.1	Installation	1.25	0.46	0.16	0.88	1.64	0.58
01612.01.1	Programming	2.13	0.64	0.23	1.88	0.99	0.35
01612.01.1	Quality Control Analysis	3.25	0.71	0.25	3.13	0.83	0.30
01612.01.1	Operations Monitoring	3.25	0.71	0.25	3.13	0.64	0.23
01612.01.1	Operation and Control	3.13	0.83	0.30	2.88	0.83	0.30
01612.01.1	Equipment Maintenance	2.00	0.76	0.27	1.38	1.06	0.38
01612.01.1	Troubleshooting	2.13	0.64	0.23	1.88	0.83	0.30
01612.01.1	Repairing	1.75	0.46	0.16	1.38	1.06	0.38
01612.01.1	Systems Analysis	3.00	0.53	0.19	3.13	0.35	0.13
01612.01.1	Systems Evaluation	3.00	0.53	0.19	3.13	0.83	0.30
01612.01.1	Judg. and Dec. Making	3.25	0.46	0.16	3.38	0.52	0.18
01612.01.1	Time Management	2.88	0.35	0.13	3.00	0.53	0.19
01612.01.1	M. of Financial Resources	1.88	0.83	0.30	1.38	1.19	0.42
01612.01.1	M. of Material Resources	2.38	0.74	0.26	2.13	0.99	0.35
01612.01.1	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 $SE_M > 0.51$

Surveying Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00139.03.1	Reading Comprehension	3.25	0.46	0.16	3.50	0.53	0.19
00139.03.1	Active Listening	3.25	0.46	0.16	3.00	0.00	0.00
00139.03.1	Writing	3.13	0.35	0.13	3.13	0.35	0.13
00139.03.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00139.03.1	Mathematics	3.25	0.46	0.16	3.25	0.46	0.16
00139.03.1	Science	2.13	0.35	0.13	2.38	0.52	0.18
00139.03.1	Critical Thinking	3.63	0.52	0.18	3.13	0.35	0.13
00139.03.1	Active Learning	2.88	0.35	0.13	2.88	0.35	0.13
00139.03.1	Learning Strategies	2.63	0.52	0.18	2.88	0.35	0.13
00139.03.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00139.03.1	Social Perceptiveness	3.00	0.00	0.00	2.75	0.46	0.16
00139.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00139.03.1	Persuasion	2.75	0.46	0.16	2.25	0.46	0.16
00139.03.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
00139.03.1	Instructing	2.75	0.46	0.16	3.00	0.00	0.00
00139.03.1	Service Orientation	2.75	0.46	0.16	3.00	0.00	0.00
00139.03.1	Complex Problem Solving	3.00	0.00	0.00	3.00	0.00	0.00
00139.03.1	Operations Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00139.03.1	Technology Design	1.88	0.35	0.13	0.88	0.35	0.13
00139.03.1	Equipment Selection	2.25	0.46	0.16	2.00	0.00	0.00
00139.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00139.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00139.03.1	Quality Control Analysis	2.75	0.46	0.16	2.50	0.53	0.19
00139.03.1	Operations Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
00139.03.1	Operation and Control	3.00	0.53	0.19	3.00	0.00	0.00
00139.03.1	Equipment Maintenance	2.75	0.46	0.16	2.63	0.52	0.18
00139.03.1	Troubleshooting	2.63	0.52	0.18	2.25	0.46	0.16
00139.03.1	Repairing	2.38	0.52	0.18	2.13	0.35	0.13
00139.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00139.03.1	Systems Evaluation	2.75	0.46	0.16	2.75	0.46	0.16
00139.03.1	Judg. and Dec. Making	3.13	0.35	0.13	2.88	0.35	0.13
00139.03.1	Time Management	3.13	0.35	0.13	3.00	0.00	0.00
00139.03.1	M. of Financial Resources	1.88	0.35	0.13	1.00	0.53	0.19
00139.03.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
00139.03.1	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 $SE_M > 0.51$

Biologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00167.03.1	Reading Comprehension	4.00	0.00	0.00	5.00	0.00	0.00
00167.03.1	Active Listening	4.00	0.00	0.00	4.13	0.35	0.13
00167.03.1	Writing	4.00	0.00	0.00	4.88	0.35	0.13
00167.03.1	Speaking	4.00	0.00	0.00	4.50	0.53	0.19
00167.03.1	Mathematics	3.75	0.46	0.16	4.25	0.46	0.16
00167.03.1	Science	4.63	0.52	0.18	5.00	0.53	0.19
00167.03.1	Critical Thinking	4.00	0.00	0.00	4.50	0.53	0.19
00167.03.1	Active Learning	3.88	0.64	0.23	4.63	0.74	0.26
00167.03.1	Learning Strategies	3.13	0.35	0.13	3.63	0.74	0.26
00167.03.1	Monitoring	3.38	0.52	0.18	3.75	0.46	0.16
00167.03.1	Social Perceptiveness	3.25	0.71	0.25	3.13	0.64	0.23
00167.03.1	Coordination	3.13	0.64	0.23	3.25	0.46	0.16
00167.03.1	Persuasion	2.75	0.46	0.16	2.88	0.64	0.23
00167.03.1	Negotiation	2.63	0.52	0.18	2.63	0.52	0.18
00167.03.1	Instructing	3.25	0.46	0.16	3.63	0.52	0.18
00167.03.1	Service Orientation	2.63	0.52	0.18	2.63	0.52	0.18
00167.03.1	Complex Problem Solving	3.88	0.35	0.13	4.25	0.46	0.16
00167.03.1	Operations Analysis	1.75	0.46	0.16	1.50	0.93	0.33
00167.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00167.03.1	Equipment Selection	1.25	0.46	0.16	0.25	0.46	0.16
00167.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00167.03.1	Programming	2.75	0.46	0.16	3.63	0.74	0.26
00167.03.1	Quality Control Analysis	2.50	0.53	0.19	2.50	0.53	0.19
00167.03.1	Operations Monitoring	2.25	0.71	0.25	1.88	0.83	0.30
00167.03.1	Operation and Control	1.63	0.52	0.18	1.13	1.13	0.40
00167.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00167.03.1	Troubleshooting	1.75	0.46	0.16	0.88	0.64	0.23
00167.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00167.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.71	0.25
00167.03.1	Systems Evaluation	3.00	0.53	0.19	3.25	0.71	0.25
00167.03.1	Judg. and Dec. Making	3.63	0.52	0.18	4.00	0.00	0.00
00167.03.1	Time Management	3.00	0.53	0.19	3.50	0.76	0.27
00167.03.1	M. of Financial Resources	1.75	0.46	0.16	1.63	1.06	0.38
00167.03.1	M. of Material Resources	1.88	0.35	0.13	1.75	0.71	0.25
00167.03.1	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 $SE_M > 0.51$

Microbiologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00170.03.1	Reading Comprehension	4.13	0.35	0.13	5.25	0.46	0.16
00170.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00170.03.1	Writing	4.13	0.35	0.13	4.75	0.46	0.16
00170.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00170.03.1	Mathematics	3.00	0.00	0.00	3.88	0.35	0.13
00170.03.1	Science	4.50	0.53	0.19	5.00	0.00	0.00
00170.03.1	Critical Thinking	4.00	0.00	0.00	4.50	0.53	0.19
00170.03.1	Active Learning	3.88	0.35	0.13	4.50	0.76	0.27
00170.03.1	Learning Strategies	3.63	0.74	0.26	3.88	0.35	0.13
00170.03.1	Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
00170.03.1	Social Perceptiveness	3.00	0.00	0.00	3.25	0.46	0.16
00170.03.1	Coordination	3.13	0.35	0.13	3.63	0.52	0.18
00170.03.1	Persuasion	2.88	0.35	0.13	2.75	0.46	0.16
00170.03.1	Negotiation	2.88	0.35	0.13	2.75	0.46	0.16
00170.03.1	Instructing	3.13	0.35	0.13	3.88	0.35	0.13
00170.03.1	Service Orientation	3.00	0.53	0.19	3.00	0.53	0.19
00170.03.1	Complex Problem Solving	3.50	0.53	0.19	4.00	0.00	0.00
00170.03.1	Operations Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00170.03.1	Technology Design	2.13	0.35	0.13	1.38	0.74	0.26
00170.03.1	Equipment Selection	1.88	0.64	0.23	1.13	0.99	0.35
00170.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00170.03.1	Programming	2.00	0.00	0.00	2.13	0.35	0.13
00170.03.1	Quality Control Analysis	2.75	0.46	0.16	3.00	0.93	0.33
00170.03.1	Operations Monitoring	2.88	0.35	0.13	2.88	0.35	0.13
00170.03.1	Operation and Control	2.63	0.52	0.18	2.50	0.76	0.27
00170.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00170.03.1	Troubleshooting	2.00	0.00	0.00	1.88	0.64	0.23
00170.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00170.03.1	Systems Analysis	3.25	0.46	0.16	3.75	0.46	0.16
00170.03.1	Systems Evaluation	3.13	0.64	0.23	3.75	0.46	0.16
00170.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.13	0.35	0.13
00170.03.1	Time Management	3.13	0.35	0.13	4.00	0.00	0.00
00170.03.1	M. of Financial Resources	2.13	0.35	0.13	2.00	0.00	0.00
00170.03.1	M. of Material Resources	2.25	0.46	0.16	2.38	0.52	0.18
00170.03.1	M. of Personnel Resources	3.13	0.35	0.13	3.63	0.52	0.18

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

Zoologists and Wildlife Biologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00173.03.1	Reading Comprehension	4.00	0.00	0.00	4.63	0.52	0.18
00173.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00173.03.1	Writing	3.88	0.35	0.13	4.25	0.46	0.16
00173.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
00173.03.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
00173.03.1	Science	4.00	0.00	0.00	3.88	0.35	0.13
00173.03.1	Critical Thinking	4.00	0.00	0.00	4.13	0.35	0.13
00173.03.1	Active Learning	3.75	0.46	0.16	3.75	0.46	0.16
00173.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00173.03.1	Monitoring	3.25	0.46	0.16	3.50	0.53	0.19
00173.03.1	Social Perceptiveness	3.25	0.46	0.16	3.13	0.35	0.13
00173.03.1	Coordination	3.63	0.52	0.18	3.13	0.35	0.13
00173.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00173.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00173.03.1	Instructing	3.00	0.00	0.00	3.25	0.46	0.16
00173.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00173.03.1	Complex Problem Solving	3.75	0.46	0.16	3.75	0.46	0.16
00173.03.1	Operations Analysis	1.88	0.35	0.13	1.38	0.74	0.26
00173.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00173.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00173.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00173.03.1	Programming	1.75	0.46	0.16	1.13	0.83	0.30
00173.03.1	Quality Control Analysis	2.38	0.74	0.26	2.13	0.99	0.35
00173.03.1	Operations Monitoring	2.63	0.52	0.18	2.50	0.53	0.19
00173.03.1	Operation and Control	2.25	0.46	0.16	2.38	0.52	0.18
00173.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00173.03.1	Troubleshooting	1.38	0.52	0.18	0.75	1.04	0.37
00173.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00173.03.1	Systems Analysis	3.38	0.52	0.18	3.50	0.53	0.19
00173.03.1	Systems Evaluation	3.25	0.46	0.16	3.38	0.52	0.18
00173.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
00173.03.1	Time Management	3.38	0.52	0.18	3.75	0.46	0.16
00173.03.1	M. of Financial Resources	2.13	0.35	0.13	2.00	0.53	0.19
00173.03.1	M. of Material Resources	2.13	0.35	0.13	2.00	0.53	0.19
00173.03.1	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 $SE_M > 0.51$

Hydrologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00153.03.1	Reading Comprehension	3.88	0.35	0.13	4.63	0.74	0.26
00153.03.1	Active Listening	3.88	0.35	0.13	4.00	0.53	0.19
00153.03.1	Writing	3.63	0.52	0.18	4.13	0.35	0.13
00153.03.1	Speaking	3.75	0.46	0.16	4.13	0.35	0.13
00153.03.1	Mathematics	3.75	0.46	0.16	4.38	0.74	0.26
00153.03.1	Science	3.88	0.35	0.13	4.38	0.74	0.26
00153.03.1	Critical Thinking	4.00	0.00	0.00	4.50	0.53	0.19
00153.03.1	Active Learning	3.63	0.52	0.18	4.38	0.74	0.26
00153.03.1	Learning Strategies	3.00	0.00	0.00	3.38	0.52	0.18
00153.03.1	Monitoring	3.50	0.53	0.19	4.00	0.53	0.19
00153.03.1	Social Perceptiveness	3.00	0.00	0.00	3.00	0.00	0.00
00153.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00153.03.1	Persuasion	3.00	0.00	0.00	3.25	0.46	0.16
00153.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
00153.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00153.03.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00153.03.1	Complex Problem Solving	3.75	0.46	0.16	4.13	0.35	0.13
00153.03.1	Operations Analysis	2.38	0.52	0.18	2.63	0.74	0.26
00153.03.1	Technology Design	1.63	0.52	0.18	1.00	0.93	0.33
00153.03.1	Equipment Selection	1.88	0.35	0.13	1.63	0.92	0.32
00153.03.1	Installation	2.00	0.53	0.19	1.88	0.99	0.35
00153.03.1	Programming	2.13	0.64	0.23	2.63	1.30	0.46
00153.03.1	Quality Control Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00153.03.1	Operations Monitoring	2.63	0.74	0.26	2.38	1.06	0.38
00153.03.1	Operation and Control	1.88	0.35	0.13	1.88	0.83	0.30
00153.03.1	Equipment Maintenance	2.13	0.35	0.13	2.00	0.53	0.19
00153.03.1	Troubleshooting	2.00	0.00	0.00	2.00	0.00	0.00
00153.03.1	Repairing	1.88	0.64	0.23	1.38	1.06	0.38
00153.03.1	Systems Analysis	3.38	0.52	0.18	3.75	0.71	0.25
00153.03.1	Systems Evaluation	3.00	0.53	0.19	3.63	0.74	0.26
00153.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.75	0.71	0.25
00153.03.1	Time Management	2.88	0.35	0.13	3.25	0.71	0.25
00153.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
00153.03.1	M. of Material Resources	2.00	0.53	0.19	1.75	0.71	0.25
00153.03.1	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 $SE_M > 0.51$

Neuropsychologists and Clinical Neuropsychologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01622.02.1	Reading Comprehension	4.63	0.52	0.18	5.38	0.52	0.18
01622.02.1	Active Listening	4.88	0.35	0.13	5.00	0.00	0.00
01622.02.1	Writing	4.25	0.46	0.16	4.63	0.52	0.18
01622.02.1	Speaking	4.13	0.35	0.13	4.50	0.53	0.19
01622.02.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
01622.02.1	Science	4.00	0.00	0.00	4.63	0.52	0.18
01622.02.1	Critical Thinking	4.63	0.52	0.18	4.88	0.35	0.13
01622.02.1	Active Learning	4.13	0.35	0.13	5.13	0.35	0.13
01622.02.1	Learning Strategies	3.88	0.35	0.13	4.13	0.35	0.13
01622.02.1	Monitoring	3.88	0.35	0.13	4.13	0.35	0.13
01622.02.1	Social Perceptiveness	4.25	0.46	0.16	5.38	0.52	0.18
01622.02.1	Coordination	3.00	0.00	0.00	3.38	0.52	0.18
01622.02.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
01622.02.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
01622.02.1	Instructing	3.50	0.53	0.19	4.13	0.35	0.13
01622.02.1	Service Orientation	3.75	0.46	0.16	3.75	0.46	0.16
01622.02.1	Complex Problem Solving	4.13	0.35	0.13	4.13	0.35	0.13
01622.02.1	Operations Analysis	2.00	0.76	0.27	1.50	1.07	0.38
01622.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01622.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Programming	1.75	0.46	0.16	1.25	0.89	0.31
01622.02.1	Quality Control Analysis	1.88	0.35	0.13	1.63	0.74	0.26
01622.02.1	Operations Monitoring	1.75	0.46	0.16	1.50	0.93	0.33
01622.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01622.02.1	Systems Analysis	3.13	0.35	0.13	3.50	0.53	0.19
01622.02.1	Systems Evaluation	3.25	0.46	0.16	3.88	0.64	0.23
01622.02.1	Judg. and Dec. Making	4.00	0.00	0.00	4.25	0.46	0.16
01622.02.1	Time Management	3.00	0.00	0.00	3.00	0.53	0.19
01622.02.1	M. of Financial Resources	1.88	0.35	0.13	1.13	0.64	0.23
01622.02.1	M. of Material Resources	1.75	0.46	0.16	1.50	0.93	0.33
01622.02.1	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 $SE_M > 0.51$

Political Scientists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00217.02.1	Reading Comprehension	4.13	0.35	0.13	4.75	0.46	0.16
00217.02.1	Active Listening	4.00	0.00	0.00	4.50	0.53	0.19
00217.02.1	Writing	3.88	0.35	0.13	4.38	0.74	0.26
00217.02.1	Speaking	4.13	0.35	0.13	4.50	0.53	0.19
00217.02.1	Mathematics	2.75	0.71	0.25	3.13	0.35	0.13
00217.02.1	Science	2.88	0.64	0.23	3.25	0.71	0.25
00217.02.1	Critical Thinking	4.00	0.00	0.00	4.50	0.53	0.19
00217.02.1	Active Learning	3.75	0.46	0.16	3.88	0.35	0.13
00217.02.1	Learning Strategies	3.25	0.46	0.16	3.38	0.52	0.18
00217.02.1	Monitoring	3.00	0.00	0.00	3.63	0.52	0.18
00217.02.1	Social Perceptiveness	3.75	0.46	0.16	3.88	0.35	0.13
00217.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00217.02.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00217.02.1	Negotiation	2.88	0.35	0.13	2.75	0.46	0.16
00217.02.1	Instructing	3.25	0.46	0.16	3.25	0.46	0.16
00217.02.1	Service Orientation	2.88	0.35	0.13	3.13	0.35	0.13
00217.02.1	Complex Problem Solving	3.75	0.46	0.16	3.88	0.35	0.13
00217.02.1	Operations Analysis	2.63	0.92	0.32	2.38	1.19	0.42
00217.02.1	Technology Design	1.25	0.46	0.16	0.38	0.74	0.26
00217.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Programming	1.38	0.52	0.18	0.63	0.92	0.32
00217.02.1	Quality Control Analysis	1.38	0.52	0.18	0.50	0.76	0.27
00217.02.1	Operations Monitoring	1.50	0.53	0.19	0.63	0.74	0.26
00217.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00217.02.1	Systems Analysis	3.13	0.35	0.13	3.63	0.52	0.18
00217.02.1	Systems Evaluation	2.88	0.35	0.13	3.25	0.46	0.16
00217.02.1	Judg. and Dec. Making	3.63	0.52	0.18	3.75	0.46	0.16
00217.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00217.02.1	M. of Financial Resources	1.50	0.53	0.19	0.63	0.74	0.26
00217.02.1	M. of Material Resources	1.63	0.52	0.18	0.75	0.71	0.25
00217.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.50	0.76	0.27

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

Transportation Planners

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01623.02.1	Reading Comprehension	4.00	0.00	0.00	4.25	0.46	0.16
01623.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
01623.02.1	Writing	3.88	0.35	0.13	4.00	0.00	0.00
01623.02.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
01623.02.1	Mathematics	3.25	0.46	0.16	3.75	0.46	0.16
01623.02.1	Science	2.50	0.53	0.19	2.13	0.35	0.13
01623.02.1	Critical Thinking	4.00	0.00	0.00	4.25	0.46	0.16
01623.02.1	Active Learning	3.75	0.46	0.16	3.75	0.46	0.16
01623.02.1	Learning Strategies	3.13	0.64	0.23	3.13	0.35	0.13
01623.02.1	Monitoring	3.38	0.52	0.18	3.75	0.46	0.16
01623.02.1	Social Perceptiveness	3.25	0.46	0.16	3.25	0.46	0.16
01623.02.1	Coordination	3.75	0.46	0.16	3.75	0.46	0.16
01623.02.1	Persuasion	3.13	0.35	0.13	3.63	0.52	0.18
01623.02.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01623.02.1	Instructing	3.13	0.35	0.13	3.13	0.35	0.13
01623.02.1	Service Orientation	3.25	0.46	0.16	3.25	0.46	0.16
01623.02.1	Complex Problem Solving	4.00	0.53	0.19	3.88	0.35	0.13
01623.02.1	Operations Analysis	3.00	0.53	0.19	3.13	0.64	0.23
01623.02.1	Technology Design	1.88	0.35	0.13	1.63	0.74	0.26
01623.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01623.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01623.02.1	Programming	2.00	0.53	0.19	1.75	0.89	0.31
01623.02.1	Quality Control Analysis	1.75	0.46	0.16	1.00	0.76	0.27
01623.02.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.00	0.00
01623.02.1	Operation and Control	2.00	0.00	0.00	1.75	0.46	0.16
01623.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01623.02.1	Troubleshooting	1.13	0.35	0.13	0.13	0.35	0.13
01623.02.1	Repairing	1.13	0.35	0.13	0.13	0.35	0.13
01623.02.1	Systems Analysis	3.50	0.53	0.19	3.88	0.35	0.13
01623.02.1	Systems Evaluation	3.75	0.46	0.16	4.00	0.53	0.19
01623.02.1	Judg. and Dec. Making	3.88	0.35	0.13	4.00	0.53	0.19
01623.02.1	Time Management	3.50	0.53	0.19	3.75	0.46	0.16
01623.02.1	M. of Financial Resources	2.25	0.71	0.25	2.25	0.71	0.25
01623.02.1	M. of Material Resources	2.63	0.52	0.18	2.63	0.52	0.18
01623.02.1	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 $SE_M > 0.51$

Biological Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01235.03.1	Reading Comprehension	4.00	0.00	0.00	4.63	0.52	0.18
01235.03.1	Active Listening	3.75	0.46	0.16	3.75	0.46	0.16
01235.03.1	Writing	3.38	0.52	0.18	3.75	0.46	0.16
01235.03.1	Speaking	3.25	0.46	0.16	3.75	0.46	0.16
01235.03.1	Mathematics	3.00	0.00	0.00	3.63	0.52	0.18
01235.03.1	Science	3.75	0.46	0.16	3.63	0.52	0.18
01235.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
01235.03.1	Active Learning	3.50	0.53	0.19	3.88	0.64	0.23
01235.03.1	Learning Strategies	2.88	0.35	0.13	2.75	0.46	0.16
01235.03.1	Monitoring	3.25	0.46	0.16	3.75	0.46	0.16
01235.03.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
01235.03.1	Coordination	2.75	0.71	0.25	2.63	1.06	0.38
01235.03.1	Persuasion	2.00	0.53	0.19	2.13	0.99	0.35
01235.03.1	Negotiation	1.88	0.35	0.13	1.38	0.74	0.26
01235.03.1	Instructing	2.38	0.52	0.18	2.50	0.53	0.19
01235.03.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01235.03.1	Complex Problem Solving	3.25	0.46	0.16	3.50	0.53	0.19
01235.03.1	Operations Analysis	1.88	0.35	0.13	1.63	0.74	0.26
01235.03.1	Technology Design	1.88	0.35	0.13	1.38	0.74	0.26
01235.03.1	Equipment Selection	1.88	0.35	0.13	1.50	0.76	0.27
01235.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01235.03.1	Programming	1.88	0.35	0.13	1.75	0.71	0.25
01235.03.1	Quality Control Analysis	2.88	0.35	0.13	3.13	0.35	0.13
01235.03.1	Operations Monitoring	3.00	0.53	0.19	3.00	0.00	0.00
01235.03.1	Operation and Control	2.63	0.52	0.18	2.75	0.46	0.16
01235.03.1	Equipment Maintenance	2.13	0.35	0.13	1.75	0.46	0.16
01235.03.1	Troubleshooting	2.63	0.52	0.18	2.63	0.52	0.18
01235.03.1	Repairing	1.75	0.46	0.16	0.88	0.64	0.23
01235.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
01235.03.1	Systems Evaluation	2.75	0.46	0.16	2.88	0.35	0.13
01235.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.50	0.53	0.19
01235.03.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
01235.03.1	M. of Financial Resources	1.88	0.64	0.23	1.00	0.76	0.27
01235.03.1	M. of Material Resources	2.25	0.46	0.16	2.00	0.53	0.19
01235.03.1	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 $SE_M > 0.51$

Nuclear Equipment Operation Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00185.03.1	Reading Comprehension	3.63	0.52	0.18	4.00	0.00	0.00
00185.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00185.03.1	Writing	3.13	0.35	0.13	3.00	0.00	0.00
00185.03.1	Speaking	3.75	0.46	0.16	3.63	0.52	0.18
00185.03.1	Mathematics	2.88	0.35	0.13	3.38	0.74	0.26
00185.03.1	Science	3.00	0.53	0.19	3.13	0.35	0.13
00185.03.1	Critical Thinking	3.88	0.35	0.13	3.63	0.52	0.18
00185.03.1	Active Learning	3.00	0.00	0.00	3.13	0.35	0.13
00185.03.1	Learning Strategies	2.63	0.52	0.18	2.50	0.53	0.19
00185.03.1	Monitoring	4.00	0.53	0.19	4.00	0.53	0.19
00185.03.1	Social Perceptiveness	2.88	0.35	0.13	2.38	0.52	0.18
00185.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00185.03.1	Persuasion	2.13	0.35	0.13	2.13	0.35	0.13
00185.03.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
00185.03.1	Instructing	2.25	0.46	0.16	2.25	0.46	0.16
00185.03.1	Service Orientation	2.13	0.35	0.13	2.13	0.35	0.13
00185.03.1	Complex Problem Solving	3.25	0.46	0.16	3.00	0.00	0.00
00185.03.1	Operations Analysis	1.25	0.46	0.16	0.38	0.74	0.26
00185.03.1	Technology Design	1.88	0.35	0.13	1.38	0.74	0.26
00185.03.1	Equipment Selection	2.13	0.35	0.13	2.00	0.00	0.00
00185.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00185.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00185.03.1	Quality Control Analysis	3.13	0.35	0.13	3.25	0.71	0.25
00185.03.1	Operations Monitoring	4.00	0.53	0.19	4.00	0.53	0.19
00185.03.1	Operation and Control	3.63	0.74	0.26	3.75	0.46	0.16
00185.03.1	Equipment Maintenance	2.88	0.35	0.13	2.88	0.35	0.13
00185.03.1	Troubleshooting	3.00	0.00	0.00	3.50	0.53	0.19
00185.03.1	Repairing	2.88	0.35	0.13	3.38	0.74	0.26
00185.03.1	Systems Analysis	2.38	0.52	0.18	2.75	0.46	0.16
00185.03.1	Systems Evaluation	2.50	0.53	0.19	2.63	0.52	0.18
00185.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.63	0.52	0.18
00185.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00185.03.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
00185.03.1	M. of Material Resources	1.88	0.35	0.13	0.88	0.35	0.13
00185.03.1	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 $SE_M > 0.51$

Title Examiners, Abstractors, and Searchers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01254.02.1	Reading Comprehension	4.13	0.35	0.13	3.88	0.35	0.13
01254.02.1	Active Listening	3.75	0.46	0.16	3.63	0.52	0.18
01254.02.1	Writing	3.38	0.74	0.26	3.63	0.52	0.18
01254.02.1	Speaking	3.63	0.52	0.18	3.50	0.53	0.19
01254.02.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
01254.02.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
01254.02.1	Critical Thinking	3.63	0.52	0.18	3.63	0.52	0.18
01254.02.1	Active Learning	3.00	0.53	0.19	3.13	0.35	0.13
01254.02.1	Learning Strategies	2.38	0.52	0.18	2.13	0.35	0.13
01254.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
01254.02.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
01254.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01254.02.1	Persuasion	2.50	0.76	0.27	2.38	1.06	0.38
01254.02.1	Negotiation	2.13	0.35	0.13	2.25	0.46	0.16
01254.02.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
01254.02.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
01254.02.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
01254.02.1	Operations Analysis	1.63	0.52	0.18	1.00	0.93	0.33
01254.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01254.02.1	Quality Control Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01254.02.1	Operations Monitoring	1.63	0.52	0.18	0.75	0.71	0.25
01254.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01254.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01254.02.1	Systems Evaluation	2.13	0.35	0.13	1.63	0.74	0.26
01254.02.1	Judg. and Dec. Making	2.75	0.46	0.16	2.75	0.46	0.16
01254.02.1	Time Management	3.13	0.35	0.13	3.25	0.71	0.25
01254.02.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
01254.02.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
01254.02.1	M. of Personnel Resources	2.38	0.52	0.18	2.50	0.76	0.27

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

Kindergarten Teachers, Except Special Education

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00258.03.1	Reading Comprehension	3.88	0.35	0.13	3.75	0.46	0.16
00258.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00258.03.1	Writing	3.25	0.46	0.16	3.25	0.46	0.16
00258.03.1	Speaking	4.00	0.00	0.00	3.25	0.46	0.16
00258.03.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
00258.03.1	Science	1.38	0.52	0.18	0.50	0.76	0.27
00258.03.1	Critical Thinking	3.25	0.46	0.16	3.75	0.46	0.16
00258.03.1	Active Learning	3.25	0.46	0.16	3.13	0.35	0.13
00258.03.1	Learning Strategies	4.00	0.53	0.19	3.88	0.35	0.13
00258.03.1	Monitoring	4.00	0.53	0.19	4.00	0.00	0.00
00258.03.1	Social Perceptiveness	4.13	0.35	0.13	4.00	0.00	0.00
00258.03.1	Coordination	3.88	0.35	0.13	3.38	0.52	0.18
00258.03.1	Persuasion	3.25	0.46	0.16	3.13	0.35	0.13
00258.03.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
00258.03.1	Instructing	4.13	0.35	0.13	3.25	0.46	0.16
00258.03.1	Service Orientation	3.63	0.52	0.18	3.13	0.35	0.13
00258.03.1	Complex Problem Solving	3.38	0.52	0.18	3.13	0.35	0.13
00258.03.1	Operations Analysis	1.63	0.52	0.18	0.88	0.83	0.30
00258.03.1	Technology Design	1.63	0.52	0.18	0.88	0.83	0.30
00258.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00258.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00258.03.1	Programming	1.25	0.46	0.16	0.50	0.93	0.33
00258.03.1	Quality Control Analysis	1.88	0.99	0.35	1.00	0.93	0.33
00258.03.1	Operations Monitoring	1.88	0.35	0.13	1.25	0.71	0.25
00258.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00258.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00258.03.1	Troubleshooting	1.50	0.53	0.19	0.63	0.74	0.26
00258.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00258.03.1	Systems Analysis	2.88	0.64	0.23	3.00	0.00	0.00
00258.03.1	Systems Evaluation	3.00	0.53	0.19	3.00	0.00	0.00
00258.03.1	Judg. and Dec. Making	3.50	0.53	0.19	3.13	0.35	0.13
00258.03.1	Time Management	3.75	0.46	0.16	3.25	0.46	0.16
00258.03.1	M. of Financial Resources	1.13	0.35	0.13	0.25	0.71	0.25
00258.03.1	M. of Material Resources	1.75	0.71	0.25	0.88	0.83	0.30
00258.03.1	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 $SE_M > 0.51$

Librarians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00271.03.1	Reading Comprehension	4.13	0.35	0.13	4.00	0.00	0.00
00271.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00271.03.1	Writing	3.75	0.46	0.16	4.00	0.00	0.00
00271.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00271.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
00271.03.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00271.03.1	Critical Thinking	3.50	0.53	0.19	3.75	0.46	0.16
00271.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
00271.03.1	Learning Strategies	3.00	0.53	0.19	3.38	0.52	0.18
00271.03.1	Monitoring	3.38	0.52	0.18	3.63	0.52	0.18
00271.03.1	Social Perceptiveness	3.13	0.35	0.13	3.50	0.53	0.19
00271.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00271.03.1	Persuasion	2.88	0.35	0.13	3.00	0.00	0.00
00271.03.1	Negotiation	2.75	0.46	0.16	3.00	0.53	0.19
00271.03.1	Instructing	3.25	0.46	0.16	3.63	0.52	0.18
00271.03.1	Service Orientation	3.13	0.35	0.13	3.63	0.52	0.18
00271.03.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
00271.03.1	Operations Analysis	2.75	0.46	0.16	2.88	0.35	0.13
00271.03.1	Technology Design	1.88	0.64	0.23	1.00	0.76	0.27
00271.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00271.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00271.03.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
00271.03.1	Quality Control Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00271.03.1	Operations Monitoring	1.88	0.35	0.13	1.25	0.71	0.25
00271.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00271.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
00271.03.1	Troubleshooting	1.13	0.35	0.13	0.13	0.35	0.13
00271.03.1	Repairing	1.13	0.35	0.13	0.13	0.35	0.13
00271.03.1	Systems Analysis	3.13	0.35	0.13	3.25	0.46	0.16
00271.03.1	Systems Evaluation	3.00	0.53	0.19	3.13	0.35	0.13
00271.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.25	0.46	0.16
00271.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00271.03.1	M. of Financial Resources	2.63	0.92	0.32	2.63	0.92	0.32
00271.03.1	M. of Material Resources	2.63	0.92	0.32	2.63	0.92	0.32
00271.03.1	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 $SE_M > 0.51$

Library Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00273.03.1	Reading Comprehension	3.38	0.52	0.18	3.88	0.35	0.13
00273.03.1	Active Listening	3.25	0.46	0.16	3.13	0.35	0.13
00273.03.1	Writing	2.88	0.35	0.13	3.00	0.00	0.00
00273.03.1	Speaking	3.25	0.46	0.16	3.00	0.00	0.00
00273.03.1	Mathematics	2.00	0.00	0.00	2.13	0.35	0.13
00273.03.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
00273.03.1	Critical Thinking	3.00	0.00	0.00	3.25	0.46	0.16
00273.03.1	Active Learning	2.88	0.35	0.13	2.88	0.35	0.13
00273.03.1	Learning Strategies	3.00	0.00	0.00	2.88	0.35	0.13
00273.03.1	Monitoring	2.88	0.35	0.13	2.88	0.35	0.13
00273.03.1	Social Perceptiveness	3.00	0.00	0.00	2.88	0.35	0.13
00273.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00273.03.1	Persuasion	2.13	0.64	0.23	2.00	0.93	0.33
00273.03.1	Negotiation	1.75	0.46	0.16	1.50	0.93	0.33
00273.03.1	Instructing	2.63	0.52	0.18	2.88	0.35	0.13
00273.03.1	Service Orientation	3.13	0.35	0.13	3.25	0.46	0.16
00273.03.1	Complex Problem Solving	2.50	0.76	0.27	2.00	0.93	0.33
00273.03.1	Operations Analysis	1.63	0.52	0.18	1.00	0.93	0.33
00273.03.1	Technology Design	1.38	0.52	0.18	0.50	0.76	0.27
00273.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00273.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00273.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00273.03.1	Quality Control Analysis	1.50	0.76	0.27	0.50	0.76	0.27
00273.03.1	Operations Monitoring	1.88	0.35	0.13	1.00	0.53	0.19
00273.03.1	Operation and Control	1.75	0.46	0.16	0.88	0.64	0.23
00273.03.1	Equipment Maintenance	1.63	0.52	0.18	0.63	0.52	0.18
00273.03.1	Troubleshooting	1.63	0.52	0.18	0.75	0.71	0.25
00273.03.1	Repairing	1.13	0.35	0.13	0.13	0.35	0.13
00273.03.1	Systems Analysis	2.00	0.00	0.00	2.00	0.00	0.00
00273.03.1	Systems Evaluation	2.00	0.00	0.00	1.88	0.35	0.13
00273.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.50	0.53	0.19
00273.03.1	Time Management	2.75	0.46	0.16	2.63	0.74	0.26
00273.03.1	M. of Financial Resources	1.88	0.35	0.13	1.00	0.53	0.19
00273.03.1	M. of Material Resources	2.00	0.00	0.00	1.38	0.52	0.18
00273.03.1	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 $SE_M > 0.51$

Fine Artists, Including Painters, Sculptors, and Illustrators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01297.02.1	Reading Comprehension	3.00	0.00	0.00	3.13	0.35	0.13
01297.02.1	Active Listening	3.13	0.64	0.23	3.25	0.46	0.16
01297.02.1	Writing	2.88	0.35	0.13	2.75	0.46	0.16
01297.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
01297.02.1	Mathematics	2.13	0.35	0.13	1.38	0.74	0.26
01297.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01297.02.1	Critical Thinking	3.25	0.46	0.16	3.25	0.71	0.25
01297.02.1	Active Learning	3.25	0.46	0.16	3.38	0.52	0.18
01297.02.1	Learning Strategies	2.38	0.52	0.18	2.38	0.92	0.32
01297.02.1	Monitoring	2.75	0.46	0.16	2.88	0.35	0.13
01297.02.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
01297.02.1	Coordination	2.50	0.76	0.27	2.25	1.04	0.37
01297.02.1	Persuasion	2.38	0.74	0.26	2.00	0.93	0.33
01297.02.1	Negotiation	2.00	0.53	0.19	1.75	0.71	0.25
01297.02.1	Instructing	1.75	0.71	0.25	0.88	0.99	0.35
01297.02.1	Service Orientation	2.50	0.53	0.19	2.50	0.53	0.19
01297.02.1	Complex Problem Solving	2.88	0.35	0.13	2.88	0.35	0.13
01297.02.1	Operations Analysis	2.63	0.52	0.18	2.75	0.46	0.16
01297.02.1	Technology Design	1.63	0.52	0.18	1.25	1.04	0.37
01297.02.1	Equipment Selection	2.00	0.00	0.00	1.63	0.52	0.18
01297.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01297.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01297.02.1	Quality Control Analysis	2.38	0.52	0.18	2.50	0.53	0.19
01297.02.1	Operations Monitoring	2.38	0.52	0.18	2.00	0.53	0.19
01297.02.1	Operation and Control	2.13	0.35	0.13	1.88	0.35	0.13
01297.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01297.02.1	Troubleshooting	1.88	0.35	0.13	1.38	0.74	0.26
01297.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01297.02.1	Systems Analysis	2.25	0.46	0.16	2.00	0.00	0.00
01297.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01297.02.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
01297.02.1	Time Management	2.88	0.35	0.13	2.75	0.46	0.16
01297.02.1	M. of Financial Resources	2.00	0.76	0.27	1.75	1.16	0.41
01297.02.1	M. of Material Resources	1.88	0.64	0.23	1.38	0.92	0.32
01297.02.1	M. of Personnel Resources	1.75	0.46	0.16	1.25	0.89	0.31

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

Interior Designers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00377.03.1	Reading Comprehension	4.00	0.00	0.00	3.88	0.35	0.13
00377.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00377.03.1	Writing	3.63	0.52	0.18	3.75	0.46	0.16
00377.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00377.03.1	Mathematics	3.00	0.00	0.00	3.13	0.35	0.13
00377.03.1	Science	1.38	0.52	0.18	0.50	0.76	0.27
00377.03.1	Critical Thinking	4.00	0.00	0.00	4.00	0.00	0.00
00377.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
00377.03.1	Learning Strategies	2.88	0.35	0.13	2.63	0.52	0.18
00377.03.1	Monitoring	3.13	0.35	0.13	3.38	0.52	0.18
00377.03.1	Social Perceptiveness	3.75	0.46	0.16	3.38	0.52	0.18
00377.03.1	Coordination	3.50	0.53	0.19	3.75	0.46	0.16
00377.03.1	Persuasion	3.50	0.53	0.19	3.63	0.52	0.18
00377.03.1	Negotiation	3.38	0.52	0.18	3.50	0.53	0.19
00377.03.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00377.03.1	Service Orientation	3.75	0.46	0.16	3.63	0.52	0.18
00377.03.1	Complex Problem Solving	3.50	0.53	0.19	3.50	0.53	0.19
00377.03.1	Operations Analysis	3.38	0.52	0.18	3.25	0.71	0.25
00377.03.1	Technology Design	1.88	0.64	0.23	1.13	0.99	0.35
00377.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00377.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00377.03.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
00377.03.1	Quality Control Analysis	2.13	0.35	0.13	1.63	0.74	0.26
00377.03.1	Operations Monitoring	1.88	0.35	0.13	1.75	0.71	0.25
00377.03.1	Operation and Control	1.50	0.53	0.19	0.75	0.89	0.31
00377.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00377.03.1	Troubleshooting	1.88	0.35	0.13	0.88	0.35	0.13
00377.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00377.03.1	Systems Analysis	2.88	0.35	0.13	2.88	0.64	0.23
00377.03.1	Systems Evaluation	2.50	0.53	0.19	2.75	0.46	0.16
00377.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.38	0.52	0.18
00377.03.1	Time Management	3.13	0.35	0.13	3.00	0.00	0.00
00377.03.1	M. of Financial Resources	2.75	0.46	0.16	2.88	0.64	0.23
00377.03.1	M. of Material Resources	2.75	0.46	0.16	2.75	0.46	0.16
00377.03.1	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 $SE_M > 0.51$

Actors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00387.02.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
00387.02.1	Active Listening	3.75	0.71	0.25	3.63	0.52	0.18
00387.02.1	Writing	2.88	0.35	0.13	3.38	0.52	0.18
00387.02.1	Speaking	3.88	0.35	0.13	4.00	0.53	0.19
00387.02.1	Mathematics	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00387.02.1	Critical Thinking	3.00	0.53	0.19	3.00	0.53	0.19
00387.02.1	Active Learning	2.63	0.52	0.18	2.63	0.52	0.18
00387.02.1	Learning Strategies	2.75	0.46	0.16	2.50	0.93	0.33
00387.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00387.02.1	Social Perceptiveness	3.75	0.46	0.16	3.75	0.46	0.16
00387.02.1	Coordination	2.88	0.35	0.13	3.00	0.53	0.19
00387.02.1	Persuasion	2.50	0.53	0.19	2.75	0.46	0.16
00387.02.1	Negotiation	2.50	0.53	0.19	2.63	0.52	0.18
00387.02.1	Instructing	2.75	0.46	0.16	2.63	0.52	0.18
00387.02.1	Service Orientation	2.13	0.35	0.13	2.25	0.46	0.16
00387.02.1	Complex Problem Solving	2.88	0.35	0.13	2.63	0.52	0.18
00387.02.1	Operations Analysis	1.75	0.46	0.16	1.38	0.92	0.32
00387.02.1	Technology Design	1.25	0.46	0.16	0.38	0.74	0.26
00387.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Quality Control Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Operations Monitoring	1.25	0.46	0.16	0.25	0.46	0.16
00387.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	Systems Analysis	2.00	0.00	0.00	1.63	0.52	0.18
00387.02.1	Systems Evaluation	2.00	0.00	0.00	1.63	0.52	0.18
00387.02.1	Judg. and Dec. Making	2.88	0.35	0.13	3.00	0.00	0.00
00387.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00387.02.1	M. of Financial Resources	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	M. of Material Resources	1.00	0.00	0.00	0.00	0.00	0.00
00387.02.1	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 $SE_M > 0.51$

Music Directors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00379.02.1	Reading Comprehension	3.13	0.35	0.13	3.38	0.52	0.18
00379.02.1	Active Listening	3.75	0.46	0.16	3.75	0.46	0.16
00379.02.1	Writing	3.13	0.35	0.13	3.25	0.46	0.16
00379.02.1	Speaking	3.75	0.46	0.16	3.88	0.35	0.13
00379.02.1	Mathematics	2.00	0.00	0.00	1.25	0.46	0.16
00379.02.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00379.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00379.02.1	Active Learning	3.25	0.46	0.16	3.38	0.52	0.18
00379.02.1	Learning Strategies	3.38	0.52	0.18	3.50	0.53	0.19
00379.02.1	Monitoring	3.63	0.52	0.18	4.00	0.00	0.00
00379.02.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
00379.02.1	Coordination	3.63	0.52	0.18	3.88	0.35	0.13
00379.02.1	Persuasion	3.13	0.35	0.13	3.38	0.52	0.18
00379.02.1	Negotiation	3.13	0.35	0.13	3.38	0.52	0.18
00379.02.1	Instructing	4.13	0.35	0.13	4.00	0.00	0.00
00379.02.1	Service Orientation	3.25	0.46	0.16	3.25	0.46	0.16
00379.02.1	Complex Problem Solving	3.25	0.46	0.16	3.38	0.52	0.18
00379.02.1	Operations Analysis	2.13	0.64	0.23	1.88	0.99	0.35
00379.02.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00379.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
00379.02.1	Quality Control Analysis	1.63	0.52	0.18	1.00	0.93	0.33
00379.02.1	Operations Monitoring	2.00	0.53	0.19	1.50	0.93	0.33
00379.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00379.02.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
00379.02.1	Systems Evaluation	3.50	0.53	0.19	3.63	0.52	0.18
00379.02.1	Judg. and Dec. Making	3.75	0.46	0.16	3.63	0.52	0.18
00379.02.1	Time Management	3.38	0.52	0.18	3.63	0.52	0.18
00379.02.1	M. of Financial Resources	2.38	0.52	0.18	2.50	0.76	0.27
00379.02.1	M. of Material Resources	2.00	0.53	0.19	1.63	1.19	0.42
00379.02.1	M. of Personnel Resources	3.25	0.46	0.16	3.75	0.46	0.16

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

Broadcast News Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00357.02.1	Reading Comprehension	4.00	0.00	0.00	4.50	0.53	0.19
00357.02.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00357.02.1	Writing	4.13	0.35	0.13	4.13	0.35	0.13
00357.02.1	Speaking	4.25	0.46	0.16	4.75	0.46	0.16
00357.02.1	Mathematics	2.13	0.35	0.13	1.88	0.35	0.13
00357.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00357.02.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00357.02.1	Active Learning	3.50	0.53	0.19	3.75	0.46	0.16
00357.02.1	Learning Strategies	2.63	0.52	0.18	2.75	0.46	0.16
00357.02.1	Monitoring	3.63	0.52	0.18	3.75	0.46	0.16
00357.02.1	Social Perceptiveness	3.88	0.35	0.13	3.88	0.35	0.13
00357.02.1	Coordination	3.38	0.52	0.18	3.50	0.53	0.19
00357.02.1	Persuasion	2.88	0.35	0.13	3.38	0.74	0.26
00357.02.1	Negotiation	2.88	0.35	0.13	3.00	0.53	0.19
00357.02.1	Instructing	2.63	0.52	0.18	2.75	0.71	0.25
00357.02.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00357.02.1	Complex Problem Solving	3.25	0.46	0.16	3.00	0.00	0.00
00357.02.1	Operations Analysis	1.88	0.35	0.13	1.63	0.74	0.26
00357.02.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00357.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00357.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00357.02.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
00357.02.1	Quality Control Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00357.02.1	Operations Monitoring	2.13	0.35	0.13	2.00	0.00	0.00
00357.02.1	Operation and Control	2.00	0.00	0.00	1.75	0.46	0.16
00357.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00357.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00357.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00357.02.1	Systems Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00357.02.1	Systems Evaluation	2.50	0.53	0.19	2.50	0.76	0.27
00357.02.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00357.02.1	Time Management	3.50	0.53	0.19	3.38	0.52	0.18
00357.02.1	M. of Financial Resources	2.00	0.00	0.00	1.13	0.35	0.13
00357.02.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
00357.02.1	M. of Personnel Resources	2.88	0.35	0.13	2.75	0.46	0.16

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

Editors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00346.03.1	Reading Comprehension	4.88	0.35	0.13	5.13	0.35	0.13
00346.03.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
00346.03.1	Writing	4.25	0.46	0.16	5.00	0.53	0.19
00346.03.1	Speaking	3.75	0.46	0.16	4.00	0.00	0.00
00346.03.1	Mathematics	2.13	0.35	0.13	2.38	0.52	0.18
00346.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00346.03.1	Active Learning	3.13	0.35	0.13	3.88	0.64	0.23
00346.03.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
00346.03.1	Monitoring	3.00	0.00	0.00	3.38	0.52	0.18
00346.03.1	Social Perceptiveness	3.13	0.35	0.13	3.50	0.53	0.19
00346.03.1	Coordination	3.00	0.00	0.00	3.38	0.52	0.18
00346.03.1	Persuasion	3.00	0.00	0.00	3.38	0.52	0.18
00346.03.1	Negotiation	3.00	0.00	0.00	3.50	0.53	0.19
00346.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00346.03.1	Service Orientation	2.63	0.52	0.18	2.75	0.46	0.16
00346.03.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
00346.03.1	Operations Analysis	2.00	0.76	0.27	1.50	1.07	0.38
00346.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00346.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00346.03.1	Quality Control Analysis	3.25	0.46	0.16	3.25	0.71	0.25
00346.03.1	Operations Monitoring	1.88	0.35	0.13	1.50	0.76	0.27
00346.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
00346.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00346.03.1	Systems Analysis	3.13	0.35	0.13	3.13	0.35	0.13
00346.03.1	Systems Evaluation	2.50	0.53	0.19	2.75	0.46	0.16
00346.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.38	0.52	0.18
00346.03.1	Time Management	3.38	0.52	0.18	4.00	0.00	0.00
00346.03.1	M. of Financial Resources	1.50	0.53	0.19	0.75	0.89	0.31
00346.03.1	M. of Material Resources	1.38	0.52	0.18	0.50	0.76	0.27
00346.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.38	0.52	0.18

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

Poets, Lyricists and Creative Writers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01523.02.1	Reading Comprehension	4.25	0.46	0.16	4.63	0.52	0.18
01523.02.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
01523.02.1	Writing	4.75	0.46	0.16	5.75	0.46	0.16
01523.02.1	Speaking	3.63	0.52	0.18	3.88	0.35	0.13
01523.02.1	Mathematics	1.50	0.53	0.19	0.50	0.53	0.19
01523.02.1	Science	1.38	0.52	0.18	0.50	0.76	0.27
01523.02.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
01523.02.1	Active Learning	3.50	0.53	0.19	3.88	0.35	0.13
01523.02.1	Learning Strategies	2.88	0.35	0.13	2.75	0.46	0.16
01523.02.1	Monitoring	2.88	0.35	0.13	3.25	0.46	0.16
01523.02.1	Social Perceptiveness	3.13	0.35	0.13	3.38	0.52	0.18
01523.02.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
01523.02.1	Persuasion	2.88	0.35	0.13	3.13	0.64	0.23
01523.02.1	Negotiation	2.50	0.76	0.27	2.50	1.07	0.38
01523.02.1	Instructing	2.25	0.71	0.25	2.25	1.04	0.37
01523.02.1	Service Orientation	2.50	0.53	0.19	2.13	0.64	0.23
01523.02.1	Complex Problem Solving	3.38	0.52	0.18	3.38	0.52	0.18
01523.02.1	Operations Analysis	1.88	0.35	0.13	1.75	0.89	0.31
01523.02.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
01523.02.1	Equipment Selection	1.38	0.52	0.18	0.50	0.76	0.27
01523.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01523.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01523.02.1	Quality Control Analysis	1.50	0.53	0.19	0.75	0.89	0.31
01523.02.1	Operations Monitoring	1.50	0.53	0.19	0.50	0.53	0.19
01523.02.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
01523.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
01523.02.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
01523.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
01523.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01523.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01523.02.1	Judg. and Dec. Making	3.38	0.52	0.18	3.38	0.52	0.18
01523.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
01523.02.1	M. of Financial Resources	1.50	0.53	0.19	1.00	1.07	0.38
01523.02.1	M. of Material Resources	1.50	0.53	0.19	0.88	0.99	0.35
01523.02.1	M. of Personnel Resources	1.75	0.46	0.16	1.00	0.76	0.27

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

Magnetic Resonance Imaging Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01700.02.1	Reading Comprehension	3.88	0.35	0.13	3.88	0.35	0.13
01700.02.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
01700.02.1	Writing	3.13	0.35	0.13	3.25	0.46	0.16
01700.02.1	Speaking	3.63	0.52	0.18	3.75	0.46	0.16
01700.02.1	Mathematics	2.50	0.53	0.19	2.63	0.52	0.18
01700.02.1	Science	2.63	0.52	0.18	2.25	0.46	0.16
01700.02.1	Critical Thinking	3.25	0.46	0.16	3.63	0.52	0.18
01700.02.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
01700.02.1	Learning Strategies	2.88	0.35	0.13	3.00	0.00	0.00
01700.02.1	Monitoring	3.63	0.52	0.18	3.88	0.35	0.13
01700.02.1	Social Perceptiveness	3.00	0.00	0.00	3.13	0.35	0.13
01700.02.1	Coordination	3.00	0.00	0.00	3.00	0.53	0.19
01700.02.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
01700.02.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
01700.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
01700.02.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
01700.02.1	Complex Problem Solving	3.13	0.35	0.13	3.13	0.35	0.13
01700.02.1	Operations Analysis	1.25	0.46	0.16	0.38	0.74	0.26
01700.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01700.02.1	Equipment Selection	2.25	0.71	0.25	2.13	0.99	0.35
01700.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01700.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01700.02.1	Quality Control Analysis	2.63	0.52	0.18	2.88	0.35	0.13
01700.02.1	Operations Monitoring	3.50	0.76	0.27	3.13	0.35	0.13
01700.02.1	Operation and Control	3.00	0.53	0.19	2.88	0.83	0.30
01700.02.1	Equipment Maintenance	1.63	0.74	0.26	1.25	1.49	0.53
01700.02.1	Troubleshooting	2.63	0.52	0.18	2.63	0.52	0.18
01700.02.1	Repairing	1.75	0.89	0.31	0.88	0.99	0.35
01700.02.1	Systems Analysis	3.00	0.00	0.00	2.88	0.35	0.13
01700.02.1	Systems Evaluation	2.88	0.35	0.13	3.00	0.00	0.00
01700.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.00	0.00	0.00
01700.02.1	Time Management	3.25	0.46	0.16	3.00	0.00	0.00
01700.02.1	M. of Financial Resources	1.50	0.53	0.19	0.88	0.99	0.35
01700.02.1	M. of Material Resources	2.00	0.53	0.19	1.50	0.93	0.33
01700.02.1	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 $SE_M > 0.51$

Municipal Fire Fighting and Prevention Supervisors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00529.03.1	Reading Comprehension	3.63	0.52	0.18	4.00	0.00	0.00
00529.03.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
00529.03.1	Writing	3.75	0.46	0.16	3.75	0.46	0.16
00529.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00529.03.1	Mathematics	2.88	0.35	0.13	3.38	0.52	0.18
00529.03.1	Science	2.50	0.76	0.27	2.50	1.07	0.38
00529.03.1	Critical Thinking	4.00	0.53	0.19	4.25	0.46	0.16
00529.03.1	Active Learning	3.75	0.46	0.16	3.88	0.64	0.23
00529.03.1	Learning Strategies	3.50	0.53	0.19	3.88	0.64	0.23
00529.03.1	Monitoring	4.00	0.53	0.19	4.50	0.76	0.27
00529.03.1	Social Perceptiveness	3.88	0.35	0.13	3.88	0.35	0.13
00529.03.1	Coordination	4.00	0.00	0.00	4.13	0.35	0.13
00529.03.1	Persuasion	3.13	0.35	0.13	3.50	0.53	0.19
00529.03.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
00529.03.1	Instructing	3.50	0.76	0.27	3.75	0.71	0.25
00529.03.1	Service Orientation	3.63	0.52	0.18	3.75	0.46	0.16
00529.03.1	Complex Problem Solving	4.00	0.53	0.19	4.00	0.53	0.19
00529.03.1	Operations Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00529.03.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00529.03.1	Equipment Selection	2.50	0.76	0.27	2.38	1.06	0.38
00529.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00529.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00529.03.1	Quality Control Analysis	3.00	0.00	0.00	3.38	0.52	0.18
00529.03.1	Operations Monitoring	3.38	0.52	0.18	3.13	0.35	0.13
00529.03.1	Operation and Control	3.25	0.46	0.16	3.13	0.35	0.13
00529.03.1	Equipment Maintenance	3.00	0.76	0.27	2.63	0.52	0.18
00529.03.1	Troubleshooting	2.88	0.64	0.23	2.75	0.46	0.16
00529.03.1	Repairing	2.75	0.46	0.16	2.50	0.53	0.19
00529.03.1	Systems Analysis	3.13	0.35	0.13	3.75	0.46	0.16
00529.03.1	Systems Evaluation	3.38	0.52	0.18	3.75	0.46	0.16
00529.03.1	Judg. and Dec. Making	3.75	0.46	0.16	4.00	0.53	0.19
00529.03.1	Time Management	3.75	0.46	0.16	3.88	0.35	0.13
00529.03.1	M. of Financial Resources	2.50	0.76	0.27	2.38	0.74	0.26
00529.03.1	M. of Material Resources	2.50	0.53	0.19	2.38	0.52	0.18
00529.03.1	M. of Personnel Resources	3.75	0.46	0.16	4.00	0.00	0.00

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

Municipal Firefighters

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00544.03.1	Reading Comprehension	3.13	0.35	0.13	3.50	0.53	0.19
00544.03.1	Active Listening	3.75	0.46	0.16	3.25	0.46	0.16
00544.03.1	Writing	3.00	0.00	0.00	3.00	0.00	0.00
00544.03.1	Speaking	3.25	0.46	0.16	3.13	0.35	0.13
00544.03.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
00544.03.1	Science	2.63	0.52	0.18	2.38	0.74	0.26
00544.03.1	Critical Thinking	3.75	0.46	0.16	3.88	0.35	0.13
00544.03.1	Active Learning	3.13	0.35	0.13	3.00	0.00	0.00
00544.03.1	Learning Strategies	3.13	0.35	0.13	3.00	0.00	0.00
00544.03.1	Monitoring	3.75	0.46	0.16	3.63	0.52	0.18
00544.03.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
00544.03.1	Coordination	3.63	0.52	0.18	3.75	0.46	0.16
00544.03.1	Persuasion	3.00	0.00	0.00	3.00	0.00	0.00
00544.03.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
00544.03.1	Instructing	3.13	0.35	0.13	3.00	0.00	0.00
00544.03.1	Service Orientation	3.63	0.52	0.18	3.13	0.35	0.13
00544.03.1	Complex Problem Solving	3.00	0.00	0.00	2.88	0.35	0.13
00544.03.1	Operations Analysis	2.25	0.71	0.25	1.75	0.71	0.25
00544.03.1	Technology Design	1.88	0.35	0.13	1.13	0.83	0.30
00544.03.1	Equipment Selection	2.63	0.52	0.18	2.38	0.52	0.18
00544.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00544.03.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
00544.03.1	Quality Control Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00544.03.1	Operations Monitoring	3.75	0.46	0.16	3.13	0.35	0.13
00544.03.1	Operation and Control	3.75	0.46	0.16	3.13	0.35	0.13
00544.03.1	Equipment Maintenance	2.75	0.46	0.16	2.88	0.35	0.13
00544.03.1	Troubleshooting	2.75	0.46	0.16	2.88	0.35	0.13
00544.03.1	Repairing	2.63	0.52	0.18	2.88	0.35	0.13
00544.03.1	Systems Analysis	2.63	0.52	0.18	3.00	0.00	0.00
00544.03.1	Systems Evaluation	2.63	0.52	0.18	2.75	0.46	0.16
00544.03.1	Judg. and Dec. Making	3.25	0.46	0.16	3.50	0.53	0.19
00544.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00544.03.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
00544.03.1	M. of Material Resources	2.00	0.00	0.00	1.63	0.52	0.18
00544.03.1	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 $SE_M > 0.51$

Fire Inspectors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00541.03.1	Reading Comprehension	3.25	0.46	0.16	4.00	0.00	0.00
00541.03.1	Active Listening	3.88	0.35	0.13	4.00	0.00	0.00
00541.03.1	Writing	3.25	0.46	0.16	3.75	0.46	0.16
00541.03.1	Speaking	3.63	0.52	0.18	3.88	0.35	0.13
00541.03.1	Mathematics	2.63	0.52	0.18	2.63	0.52	0.18
00541.03.1	Science	2.88	0.64	0.23	3.13	0.35	0.13
00541.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00541.03.1	Active Learning	3.13	0.35	0.13	3.75	0.46	0.16
00541.03.1	Learning Strategies	2.75	0.46	0.16	3.00	0.00	0.00
00541.03.1	Monitoring	3.13	0.35	0.13	3.38	0.52	0.18
00541.03.1	Social Perceptiveness	3.00	0.00	0.00	3.13	0.35	0.13
00541.03.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
00541.03.1	Persuasion	2.88	0.35	0.13	2.88	0.64	0.23
00541.03.1	Negotiation	2.88	0.35	0.13	2.75	0.46	0.16
00541.03.1	Instructing	2.88	0.35	0.13	3.00	0.00	0.00
00541.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00541.03.1	Complex Problem Solving	3.25	0.46	0.16	3.63	0.52	0.18
00541.03.1	Operations Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00541.03.1	Technology Design	1.88	0.35	0.13	1.25	0.71	0.25
00541.03.1	Equipment Selection	1.25	0.46	0.16	0.25	0.46	0.16
00541.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00541.03.1	Programming	1.75	0.46	0.16	1.00	0.76	0.27
00541.03.1	Quality Control Analysis	3.63	0.74	0.26	3.75	0.71	0.25
00541.03.1	Operations Monitoring	3.13	0.35	0.13	3.63	0.52	0.18
00541.03.1	Operation and Control	2.50	0.53	0.19	2.88	0.35	0.13
00541.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00541.03.1	Troubleshooting	2.88	0.64	0.23	3.00	0.53	0.19
00541.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00541.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00541.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
00541.03.1	Judg. and Dec. Making	3.75	0.46	0.16	3.88	0.35	0.13
00541.03.1	Time Management	3.13	0.35	0.13	3.13	0.35	0.13
00541.03.1	M. of Financial Resources	2.00	0.00	0.00	1.25	0.46	0.16
00541.03.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
00541.03.1	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 $SE_M > 0.51$

Police Identification and Records Officers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00547.03.1	Reading Comprehension	3.63	0.52	0.18	4.13	0.35	0.13
00547.03.1	Active Listening	3.88	0.35	0.13	3.88	0.35	0.13
00547.03.1	Writing	3.38	0.74	0.26	3.25	0.46	0.16
00547.03.1	Speaking	3.75	0.46	0.16	3.88	0.35	0.13
00547.03.1	Mathematics	2.13	0.35	0.13	2.38	0.74	0.26
00547.03.1	Science	1.75	0.46	0.16	1.00	0.76	0.27
00547.03.1	Critical Thinking	3.88	0.35	0.13	4.00	0.00	0.00
00547.03.1	Active Learning	3.13	0.35	0.13	3.25	0.71	0.25
00547.03.1	Learning Strategies	2.75	0.46	0.16	2.88	0.35	0.13
00547.03.1	Monitoring	3.13	0.35	0.13	3.25	0.46	0.16
00547.03.1	Social Perceptiveness	3.13	0.35	0.13	3.25	0.46	0.16
00547.03.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
00547.03.1	Persuasion	2.75	0.46	0.16	3.00	0.53	0.19
00547.03.1	Negotiation	2.75	0.46	0.16	3.00	0.53	0.19
00547.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00547.03.1	Service Orientation	2.75	0.46	0.16	2.75	0.71	0.25
00547.03.1	Complex Problem Solving	3.25	0.46	0.16	3.13	0.35	0.13
00547.03.1	Operations Analysis	1.50	0.53	0.19	0.63	0.74	0.26
00547.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00547.03.1	Equipment Selection	1.25	0.46	0.16	0.50	1.07	0.38
00547.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00547.03.1	Programming	1.50	0.53	0.19	0.63	0.74	0.26
00547.03.1	Quality Control Analysis	2.13	0.35	0.13	1.75	0.46	0.16
00547.03.1	Operations Monitoring	2.75	0.46	0.16	2.63	0.52	0.18
00547.03.1	Operation and Control	2.50	0.53	0.19	2.63	0.52	0.18
00547.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00547.03.1	Troubleshooting	1.75	0.46	0.16	0.75	0.46	0.16
00547.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00547.03.1	Systems Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00547.03.1	Systems Evaluation	2.25	0.46	0.16	2.25	0.46	0.16
00547.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00547.03.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00547.03.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
00547.03.1	M. of Material Resources	1.75	0.46	0.16	1.25	0.89	0.31
00547.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.50	0.53	0.19

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

Transit and Railroad Police

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00558.02.1	Reading Comprehension	3.13	0.35	0.13	3.25	0.46	0.16
00558.02.1	Active Listening	4.00	0.00	0.00	3.25	0.46	0.16
00558.02.1	Writing	3.25	0.46	0.16	3.00	0.53	0.19
00558.02.1	Speaking	4.00	0.00	0.00	3.88	0.35	0.13
00558.02.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
00558.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00558.02.1	Critical Thinking	3.88	0.35	0.13	3.38	0.52	0.18
00558.02.1	Active Learning	3.25	0.46	0.16	3.00	0.53	0.19
00558.02.1	Learning Strategies	2.88	0.35	0.13	3.25	0.46	0.16
00558.02.1	Monitoring	3.38	0.52	0.18	3.50	0.53	0.19
00558.02.1	Social Perceptiveness	3.38	0.52	0.18	3.25	0.46	0.16
00558.02.1	Coordination	3.25	0.46	0.16	3.25	0.46	0.16
00558.02.1	Persuasion	3.00	0.00	0.00	3.38	0.52	0.18
00558.02.1	Negotiation	3.13	0.35	0.13	3.13	0.35	0.13
00558.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00558.02.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
00558.02.1	Complex Problem Solving	3.75	0.46	0.16	3.00	0.00	0.00
00558.02.1	Operations Analysis	1.88	0.35	0.13	1.75	0.71	0.25
00558.02.1	Technology Design	1.50	0.53	0.19	0.63	0.74	0.26
00558.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00558.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00558.02.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
00558.02.1	Quality Control Analysis	2.00	0.00	0.00	1.63	0.52	0.18
00558.02.1	Operations Monitoring	2.75	0.46	0.16	2.25	0.46	0.16
00558.02.1	Operation and Control	2.50	0.53	0.19	2.25	0.46	0.16
00558.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00558.02.1	Troubleshooting	1.88	0.35	0.13	1.50	0.76	0.27
00558.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00558.02.1	Systems Analysis	3.00	0.00	0.00	2.75	0.46	0.16
00558.02.1	Systems Evaluation	2.38	0.52	0.18	2.25	0.46	0.16
00558.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.13	0.35	0.13
00558.02.1	Time Management	3.00	0.00	0.00	3.13	0.35	0.13
00558.02.1	M. of Financial Resources	2.00	0.00	0.00	1.13	0.35	0.13
00558.02.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
00558.02.1	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 $SE_M > 0.51$

First-Line Supervisors of Food Preparation and Serving Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00534.03.1	Reading Comprehension	3.38	0.52	0.18	3.50	0.53	0.19
00534.03.1	Active Listening	3.75	0.46	0.16	3.13	0.35	0.13
00534.03.1	Writing	2.88	0.35	0.13	3.13	0.35	0.13
00534.03.1	Speaking	3.88	0.35	0.13	3.75	0.46	0.16
00534.03.1	Mathematics	3.00	0.00	0.00	3.00	0.00	0.00
00534.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00534.03.1	Critical Thinking	3.25	0.46	0.16	4.00	0.00	0.00
00534.03.1	Active Learning	3.00	0.00	0.00	3.25	0.46	0.16
00534.03.1	Learning Strategies	3.13	0.35	0.13	3.13	0.35	0.13
00534.03.1	Monitoring	3.88	0.35	0.13	3.75	0.71	0.25
00534.03.1	Social Perceptiveness	3.38	0.52	0.18	3.63	0.52	0.18
00534.03.1	Coordination	3.88	0.35	0.13	3.75	0.46	0.16
00534.03.1	Persuasion	3.25	0.46	0.16	3.25	0.46	0.16
00534.03.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
00534.03.1	Instructing	3.63	0.52	0.18	3.00	0.00	0.00
00534.03.1	Service Orientation	3.75	0.46	0.16	3.63	0.52	0.18
00534.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00534.03.1	Operations Analysis	1.88	0.35	0.13	1.63	0.74	0.26
00534.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00534.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00534.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00534.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00534.03.1	Quality Control Analysis	2.88	0.64	0.23	2.63	0.52	0.18
00534.03.1	Operations Monitoring	2.13	0.35	0.13	2.00	0.53	0.19
00534.03.1	Operation and Control	2.00	0.53	0.19	1.88	0.83	0.30
00534.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
00534.03.1	Troubleshooting	2.00	0.53	0.19	1.38	0.92	0.32
00534.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00534.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00534.03.1	Systems Evaluation	3.13	0.35	0.13	3.25	0.46	0.16
00534.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
00534.03.1	Time Management	3.13	0.35	0.13	3.63	0.52	0.18
00534.03.1	M. of Financial Resources	3.13	0.35	0.13	2.88	0.64	0.23
00534.03.1	M. of Material Resources	2.88	0.35	0.13	2.75	0.46	0.16
00534.03.1	M. of Personnel Resources	3.63	0.52	0.18	3.63	0.52	0.18

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

Food Preparation Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00579.03.1	Reading Comprehension	2.63	0.52	0.18	2.13	0.35	0.13
00579.03.1	Active Listening	3.00	0.00	0.00	2.38	0.52	0.18
00579.03.1	Writing	2.25	0.46	0.16	2.13	0.35	0.13
00579.03.1	Speaking	3.00	0.00	0.00	2.13	0.35	0.13
00579.03.1	Mathematics	2.13	0.35	0.13	1.88	0.35	0.13
00579.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00579.03.1	Critical Thinking	2.88	0.35	0.13	2.13	0.35	0.13
00579.03.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
00579.03.1	Learning Strategies	2.38	0.52	0.18	2.13	0.35	0.13
00579.03.1	Monitoring	2.88	0.35	0.13	2.13	0.35	0.13
00579.03.1	Social Perceptiveness	3.00	0.00	0.00	2.13	0.35	0.13
00579.03.1	Coordination	3.00	0.00	0.00	2.13	0.35	0.13
00579.03.1	Persuasion	2.38	0.52	0.18	2.00	0.53	0.19
00579.03.1	Negotiation	2.25	0.46	0.16	1.75	0.71	0.25
00579.03.1	Instructing	2.25	0.46	0.16	2.13	0.35	0.13
00579.03.1	Service Orientation	3.00	0.00	0.00	2.13	0.35	0.13
00579.03.1	Complex Problem Solving	2.25	0.46	0.16	2.13	0.35	0.13
00579.03.1	Operations Analysis	1.13	0.35	0.13	0.25	0.71	0.25
00579.03.1	Technology Design	1.13	0.35	0.13	0.13	0.35	0.13
00579.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00579.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00579.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00579.03.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.35	0.13
00579.03.1	Operations Monitoring	2.00	0.00	0.00	1.88	0.64	0.23
00579.03.1	Operation and Control	2.00	0.00	0.00	1.38	0.52	0.18
00579.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00579.03.1	Troubleshooting	1.88	0.35	0.13	1.38	0.74	0.26
00579.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00579.03.1	Systems Analysis	2.13	0.35	0.13	1.25	0.46	0.16
00579.03.1	Systems Evaluation	2.13	0.35	0.13	1.25	0.46	0.16
00579.03.1	Judg. and Dec. Making	2.63	0.52	0.18	2.13	0.35	0.13
00579.03.1	Time Management	3.00	0.00	0.00	2.25	0.46	0.16
00579.03.1	M. of Financial Resources	1.38	0.52	0.18	0.63	0.92	0.32
00579.03.1	M. of Material Resources	1.63	0.52	0.18	0.88	0.83	0.30
00579.03.1	M. of Personnel Resources	2.25	0.46	0.16	1.88	0.35	0.13

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

Bartenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00567.03.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
00567.03.1	Active Listening	3.75	0.46	0.16	3.13	0.35	0.13
00567.03.1	Writing	2.75	0.46	0.16	3.00	0.00	0.00
00567.03.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00567.03.1	Mathematics	2.25	0.46	0.16	2.13	0.35	0.13
00567.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00567.03.1	Critical Thinking	3.13	0.35	0.13	2.88	0.35	0.13
00567.03.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
00567.03.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
00567.03.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00567.03.1	Social Perceptiveness	3.25	0.46	0.16	3.00	0.00	0.00
00567.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
00567.03.1	Persuasion	3.13	0.35	0.13	3.00	0.00	0.00
00567.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
00567.03.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00567.03.1	Service Orientation	3.63	0.52	0.18	3.13	0.35	0.13
00567.03.1	Complex Problem Solving	3.00	0.00	0.00	2.63	0.52	0.18
00567.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00567.03.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
00567.03.1	Equipment Selection	1.25	0.46	0.16	0.25	0.46	0.16
00567.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00567.03.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
00567.03.1	Quality Control Analysis	2.25	0.46	0.16	1.88	0.35	0.13
00567.03.1	Operations Monitoring	2.00	0.00	0.00	2.00	0.00	0.00
00567.03.1	Operation and Control	1.63	0.52	0.18	0.88	0.83	0.30
00567.03.1	Equipment Maintenance	1.13	0.35	0.13	0.13	0.35	0.13
00567.03.1	Troubleshooting	1.88	0.35	0.13	1.25	0.71	0.25
00567.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00567.03.1	Systems Analysis	2.25	0.46	0.16	2.00	0.00	0.00
00567.03.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00567.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.88	0.35	0.13
00567.03.1	Time Management	3.00	0.00	0.00	2.50	0.53	0.19
00567.03.1	M. of Financial Resources	2.25	0.46	0.16	2.00	0.53	0.19
00567.03.1	M. of Material Resources	2.38	0.52	0.18	2.13	0.64	0.23
00567.03.1	M. of Personnel Resources	2.50	0.53	0.19	2.50	0.53	0.19

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

Combined Food Preparation and Serving Workers, Including Fast Food

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00581.03.1	Reading Comprehension	2.63	0.52	0.18	2.00	0.53	0.19
00581.03.1	Active Listening	3.25	0.46	0.16	2.38	0.52	0.18
00581.03.1	Writing	2.00	0.00	0.00	1.88	0.35	0.13
00581.03.1	Speaking	3.13	0.35	0.13	2.63	0.52	0.18
00581.03.1	Mathematics	2.50	0.53	0.19	1.88	0.35	0.13
00581.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Critical Thinking	2.75	0.46	0.16	2.38	0.74	0.26
00581.03.1	Active Learning	2.50	0.53	0.19	2.00	0.53	0.19
00581.03.1	Learning Strategies	2.63	0.52	0.18	2.50	0.53	0.19
00581.03.1	Monitoring	3.00	0.00	0.00	2.13	0.64	0.23
00581.03.1	Social Perceptiveness	3.00	0.00	0.00	2.38	0.52	0.18
00581.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00581.03.1	Persuasion	2.63	0.52	0.18	2.00	0.00	0.00
00581.03.1	Negotiation	2.00	0.53	0.19	1.63	0.74	0.26
00581.03.1	Instructing	2.75	0.46	0.16	2.25	0.46	0.16
00581.03.1	Service Orientation	3.25	0.46	0.16	2.88	0.35	0.13
00581.03.1	Complex Problem Solving	2.13	0.35	0.13	1.88	0.35	0.13
00581.03.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00581.03.1	Technology Design	1.25	0.46	0.16	0.25	0.46	0.16
00581.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Quality Control Analysis	2.13	0.35	0.13	1.75	0.46	0.16
00581.03.1	Operations Monitoring	2.00	0.00	0.00	1.63	0.52	0.18
00581.03.1	Operation and Control	2.00	0.00	0.00	1.88	0.35	0.13
00581.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Troubleshooting	1.88	0.35	0.13	0.88	0.35	0.13
00581.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00581.03.1	Systems Analysis	2.00	0.00	0.00	1.50	0.53	0.19
00581.03.1	Systems Evaluation	1.88	0.35	0.13	1.63	0.74	0.26
00581.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.25	0.46	0.16
00581.03.1	Time Management	2.38	0.52	0.18	1.88	0.35	0.13
00581.03.1	M. of Financial Resources	1.88	0.35	0.13	0.88	0.35	0.13
00581.03.1	M. of Material Resources	2.00	0.53	0.19	1.00	0.53	0.19
00581.03.1	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 $SE_M > 0.51$

Slot Supervisors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01353.02.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
01353.02.1	Active Listening	3.75	0.46	0.16	3.25	0.46	0.16
01353.02.1	Writing	3.00	0.00	0.00	2.88	0.35	0.13
01353.02.1	Speaking	3.75	0.46	0.16	3.13	0.35	0.13
01353.02.1	Mathematics	2.75	0.46	0.16	2.25	0.46	0.16
01353.02.1	Science	1.25	0.46	0.16	0.38	0.74	0.26
01353.02.1	Critical Thinking	3.25	0.46	0.16	3.75	0.46	0.16
01353.02.1	Active Learning	2.50	0.53	0.19	2.25	0.46	0.16
01353.02.1	Learning Strategies	2.38	0.74	0.26	1.88	0.83	0.30
01353.02.1	Monitoring	3.75	0.46	0.16	3.13	0.35	0.13
01353.02.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
01353.02.1	Coordination	3.13	0.35	0.13	3.25	0.46	0.16
01353.02.1	Persuasion	2.88	0.35	0.13	2.75	0.46	0.16
01353.02.1	Negotiation	2.88	0.35	0.13	3.00	0.00	0.00
01353.02.1	Instructing	2.63	0.74	0.26	2.50	0.53	0.19
01353.02.1	Service Orientation	3.13	0.35	0.13	3.00	0.00	0.00
01353.02.1	Complex Problem Solving	3.00	0.53	0.19	2.88	0.64	0.23
01353.02.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
01353.02.1	Technology Design	1.50	0.53	0.19	0.75	0.89	0.31
01353.02.1	Equipment Selection	1.38	0.52	0.18	0.50	0.76	0.27
01353.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01353.02.1	Programming	1.25	0.46	0.16	0.38	0.74	0.26
01353.02.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.64	0.23
01353.02.1	Operations Monitoring	2.75	0.46	0.16	2.63	0.52	0.18
01353.02.1	Operation and Control	2.00	0.00	0.00	1.88	0.35	0.13
01353.02.1	Equipment Maintenance	1.75	0.71	0.25	1.25	1.16	0.41
01353.02.1	Troubleshooting	2.00	0.00	0.00	1.63	0.52	0.18
01353.02.1	Repairing	2.00	0.93	0.33	1.25	1.16	0.41
01353.02.1	Systems Analysis	2.25	0.46	0.16	1.88	0.64	0.23
01353.02.1	Systems Evaluation	2.13	0.35	0.13	1.63	0.52	0.18
01353.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
01353.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01353.02.1	M. of Financial Resources	1.75	0.71	0.25	1.00	0.93	0.33
01353.02.1	M. of Material Resources	2.00	0.00	0.00	1.50	0.53	0.19
01353.02.1	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 $SE_M > 0.51$

Morticians, Undertakers, and Funeral Directors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00406.03.1	Reading Comprehension	3.25	0.46	0.16	3.88	0.35	0.13
00406.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00406.03.1	Writing	3.25	0.46	0.16	4.00	0.00	0.00
00406.03.1	Speaking	3.88	0.35	0.13	4.00	0.00	0.00
00406.03.1	Mathematics	2.88	0.35	0.13	2.63	0.52	0.18
00406.03.1	Science	1.88	0.35	0.13	1.75	0.71	0.25
00406.03.1	Critical Thinking	3.25	0.46	0.16	3.88	0.35	0.13
00406.03.1	Active Learning	3.13	0.35	0.13	3.25	0.46	0.16
00406.03.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
00406.03.1	Monitoring	3.13	0.35	0.13	3.75	0.46	0.16
00406.03.1	Social Perceptiveness	4.13	0.35	0.13	4.75	0.46	0.16
00406.03.1	Coordination	3.88	0.35	0.13	4.00	0.00	0.00
00406.03.1	Persuasion	3.00	0.00	0.00	3.75	0.46	0.16
00406.03.1	Negotiation	3.25	0.46	0.16	3.63	0.52	0.18
00406.03.1	Instructing	3.00	0.00	0.00	3.13	0.35	0.13
00406.03.1	Service Orientation	3.88	0.35	0.13	4.13	0.35	0.13
00406.03.1	Complex Problem Solving	3.13	0.35	0.13	3.25	0.46	0.16
00406.03.1	Operations Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00406.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
00406.03.1	Equipment Selection	1.25	0.46	0.16	0.38	0.74	0.26
00406.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00406.03.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
00406.03.1	Quality Control Analysis	2.75	0.46	0.16	2.75	0.46	0.16
00406.03.1	Operations Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00406.03.1	Operation and Control	2.63	0.52	0.18	2.75	0.46	0.16
00406.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00406.03.1	Troubleshooting	2.00	0.00	0.00	1.25	0.46	0.16
00406.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00406.03.1	Systems Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00406.03.1	Systems Evaluation	2.75	0.46	0.16	3.13	0.35	0.13
00406.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.25	0.46	0.16
00406.03.1	Time Management	3.38	0.52	0.18	3.63	0.52	0.18
00406.03.1	M. of Financial Resources	2.75	0.46	0.16	2.75	0.46	0.16
00406.03.1	M. of Material Resources	2.75	0.46	0.16	2.88	0.35	0.13
00406.03.1	M. of Personnel Resources	3.00	0.00	0.00	3.63	0.52	0.18

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

Childcare Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00617.03.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
00617.03.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
00617.03.1	Writing	3.00	0.00	0.00	2.88	0.35	0.13
00617.03.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00617.03.1	Mathematics	2.13	0.35	0.13	1.88	0.35	0.13
00617.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00617.03.1	Critical Thinking	3.13	0.35	0.13	3.00	0.00	0.00
00617.03.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
00617.03.1	Learning Strategies	3.00	0.00	0.00	3.13	0.35	0.13
00617.03.1	Monitoring	3.50	0.53	0.19	3.13	0.35	0.13
00617.03.1	Social Perceptiveness	3.25	0.46	0.16	3.25	0.46	0.16
00617.03.1	Coordination	3.13	0.35	0.13	3.00	0.00	0.00
00617.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00617.03.1	Negotiation	2.75	0.46	0.16	2.63	0.52	0.18
00617.03.1	Instructing	3.00	0.00	0.00	2.88	0.35	0.13
00617.03.1	Service Orientation	3.38	0.52	0.18	3.25	0.46	0.16
00617.03.1	Complex Problem Solving	3.00	0.53	0.19	2.88	0.35	0.13
00617.03.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00617.03.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00617.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Quality Control Analysis	2.00	0.00	0.00	1.88	0.35	0.13
00617.03.1	Operations Monitoring	1.88	0.35	0.13	1.50	0.76	0.27
00617.03.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Troubleshooting	1.88	0.35	0.13	1.13	0.64	0.23
00617.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	Systems Analysis	2.38	0.52	0.18	2.13	0.35	0.13
00617.03.1	Systems Evaluation	2.38	0.52	0.18	2.25	0.46	0.16
00617.03.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00617.03.1	Time Management	2.88	0.35	0.13	2.88	0.83	0.30
00617.03.1	M. of Financial Resources	1.00	0.00	0.00	0.00	0.00	0.00
00617.03.1	M. of Material Resources	1.25	0.46	0.16	0.25	0.46	0.16
00617.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.13	0.64	0.23

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

Recreation Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00231.03.1	Reading Comprehension	3.13	0.35	0.13	3.25	0.46	0.16
00231.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00231.03.1	Writing	3.13	0.35	0.13	3.13	0.35	0.13
00231.03.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00231.03.1	Mathematics	2.13	0.35	0.13	2.00	0.00	0.00
00231.03.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00231.03.1	Critical Thinking	3.25	0.46	0.16	3.63	0.52	0.18
00231.03.1	Active Learning	3.13	0.35	0.13	3.13	0.35	0.13
00231.03.1	Learning Strategies	3.13	0.35	0.13	3.13	0.35	0.13
00231.03.1	Monitoring	3.75	0.46	0.16	3.38	0.52	0.18
00231.03.1	Social Perceptiveness	4.00	0.00	0.00	4.00	0.00	0.00
00231.03.1	Coordination	4.00	0.00	0.00	4.00	0.00	0.00
00231.03.1	Persuasion	3.13	0.35	0.13	3.13	0.35	0.13
00231.03.1	Negotiation	3.00	0.00	0.00	2.88	0.35	0.13
00231.03.1	Instructing	3.75	0.46	0.16	3.38	0.52	0.18
00231.03.1	Service Orientation	4.00	0.00	0.00	3.75	0.46	0.16
00231.03.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.53	0.19
00231.03.1	Operations Analysis	2.00	0.00	0.00	1.88	0.35	0.13
00231.03.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00231.03.1	Equipment Selection	1.38	0.52	0.18	0.38	0.52	0.18
00231.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00231.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00231.03.1	Quality Control Analysis	1.88	0.35	0.13	1.50	0.76	0.27
00231.03.1	Operations Monitoring	2.00	0.00	0.00	1.75	0.46	0.16
00231.03.1	Operation and Control	1.63	0.52	0.18	0.75	0.71	0.25
00231.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00231.03.1	Troubleshooting	1.88	0.35	0.13	0.88	0.35	0.13
00231.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00231.03.1	Systems Analysis	2.88	0.64	0.23	2.75	0.46	0.16
00231.03.1	Systems Evaluation	2.75	0.71	0.25	2.75	0.71	0.25
00231.03.1	Judg. and Dec. Making	3.00	0.53	0.19	3.00	0.00	0.00
00231.03.1	Time Management	3.25	0.71	0.25	3.13	0.64	0.23
00231.03.1	M. of Financial Resources	2.00	0.00	0.00	2.13	0.35	0.13
00231.03.1	M. of Material Resources	2.63	0.52	0.18	2.38	0.52	0.18
00231.03.1	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 $SE_M > 0.51$

Bookkeeping, Accounting, and Auditing Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00493.03.1	Reading Comprehension	3.25	0.46	0.16	3.75	0.46	0.16
00493.03.1	Active Listening	3.25	0.46	0.16	3.75	0.46	0.16
00493.03.1	Writing	3.13	0.35	0.13	3.13	0.35	0.13
00493.03.1	Speaking	3.13	0.35	0.13	3.13	0.35	0.13
00493.03.1	Mathematics	3.38	0.52	0.18	3.38	0.52	0.18
00493.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00493.03.1	Critical Thinking	3.25	0.46	0.16	3.25	0.46	0.16
00493.03.1	Active Learning	2.75	0.46	0.16	3.13	0.35	0.13
00493.03.1	Learning Strategies	2.00	0.53	0.19	1.88	0.83	0.30
00493.03.1	Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00493.03.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
00493.03.1	Coordination	2.88	0.35	0.13	2.75	0.46	0.16
00493.03.1	Persuasion	2.25	0.71	0.25	2.13	0.99	0.35
00493.03.1	Negotiation	2.25	0.46	0.16	2.38	0.52	0.18
00493.03.1	Instructing	2.13	0.64	0.23	2.00	0.93	0.33
00493.03.1	Service Orientation	2.88	0.35	0.13	2.88	0.35	0.13
00493.03.1	Complex Problem Solving	2.88	0.35	0.13	2.88	0.35	0.13
00493.03.1	Operations Analysis	1.38	0.52	0.18	0.38	0.52	0.18
00493.03.1	Technology Design	1.13	0.35	0.13	0.13	0.35	0.13
00493.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00493.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00493.03.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00493.03.1	Quality Control Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00493.03.1	Operations Monitoring	1.63	0.52	0.18	0.63	0.52	0.18
00493.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
00493.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00493.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00493.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00493.03.1	Systems Analysis	2.13	0.35	0.13	2.13	0.35	0.13
00493.03.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
00493.03.1	Judg. and Dec. Making	2.75	0.46	0.16	2.88	0.35	0.13
00493.03.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00493.03.1	M. of Financial Resources	2.00	0.53	0.19	1.75	0.89	0.31
00493.03.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
00493.03.1	M. of Personnel Resources	2.13	0.64	0.23	2.00	0.93	0.33

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

Hotel, Motel, and Resort Desk Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00471.03.1	Reading Comprehension	3.00	0.00	0.00	3.50	0.53	0.19
00471.03.1	Active Listening	3.38	0.52	0.18	3.25	0.46	0.16
00471.03.1	Writing	2.88	0.35	0.13	2.88	0.35	0.13
00471.03.1	Speaking	3.75	0.46	0.16	3.00	0.00	0.00
00471.03.1	Mathematics	2.63	0.52	0.18	2.13	0.35	0.13
00471.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Critical Thinking	2.88	0.35	0.13	3.50	0.53	0.19
00471.03.1	Active Learning	2.75	0.46	0.16	2.25	0.46	0.16
00471.03.1	Learning Strategies	2.63	0.52	0.18	2.63	0.52	0.18
00471.03.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00471.03.1	Social Perceptiveness	3.75	0.46	0.16	3.25	0.46	0.16
00471.03.1	Coordination	3.13	0.35	0.13	3.13	0.35	0.13
00471.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00471.03.1	Negotiation	2.88	0.35	0.13	2.88	0.35	0.13
00471.03.1	Instructing	2.88	0.35	0.13	2.88	0.35	0.13
00471.03.1	Service Orientation	3.63	0.52	0.18	3.63	0.52	0.18
00471.03.1	Complex Problem Solving	3.00	0.00	0.00	2.75	0.46	0.16
00471.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Technology Design	1.88	0.35	0.13	0.88	0.35	0.13
00471.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
00471.03.1	Quality Control Analysis	2.00	0.00	0.00	1.38	0.52	0.18
00471.03.1	Operations Monitoring	2.13	0.35	0.13	1.50	0.53	0.19
00471.03.1	Operation and Control	1.13	0.35	0.13	0.13	0.35	0.13
00471.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Troubleshooting	1.38	0.52	0.18	0.50	0.76	0.27
00471.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00471.03.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
00471.03.1	Systems Evaluation	2.25	0.46	0.16	2.25	0.46	0.16
00471.03.1	Judg. and Dec. Making	3.00	0.00	0.00	2.88	0.35	0.13
00471.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00471.03.1	M. of Financial Resources	1.63	0.52	0.18	0.88	0.83	0.30
00471.03.1	M. of Material Resources	1.38	0.52	0.18	0.75	1.04	0.37
00471.03.1	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 $SE_M > 0.51$

Loan Interviewers and Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00455.02.1	Reading Comprehension	3.88	0.35	0.13	4.00	0.00	0.00
00455.02.1	Active Listening	4.13	0.35	0.13	4.00	0.00	0.00
00455.02.1	Writing	3.63	0.52	0.18	3.88	0.35	0.13
00455.02.1	Speaking	4.00	0.00	0.00	4.00	0.00	0.00
00455.02.1	Mathematics	3.13	0.35	0.13	3.13	0.35	0.13
00455.02.1	Science	1.13	0.35	0.13	0.25	0.71	0.25
00455.02.1	Critical Thinking	3.75	0.46	0.16	4.00	0.00	0.00
00455.02.1	Active Learning	3.38	0.52	0.18	3.50	0.53	0.19
00455.02.1	Learning Strategies	2.63	0.52	0.18	2.75	0.46	0.16
00455.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00455.02.1	Social Perceptiveness	3.38	0.52	0.18	3.13	0.35	0.13
00455.02.1	Coordination	3.00	0.00	0.00	3.00	0.53	0.19
00455.02.1	Persuasion	3.00	0.00	0.00	3.13	0.35	0.13
00455.02.1	Negotiation	2.88	0.35	0.13	3.00	0.53	0.19
00455.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00455.02.1	Service Orientation	3.00	0.00	0.00	3.25	0.46	0.16
00455.02.1	Complex Problem Solving	3.50	0.53	0.19	3.00	0.00	0.00
00455.02.1	Operations Analysis	2.00	0.00	0.00	2.13	0.35	0.13
00455.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00455.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00455.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00455.02.1	Programming	1.75	0.46	0.16	1.13	0.83	0.30
00455.02.1	Quality Control Analysis	1.75	0.46	0.16	1.00	0.76	0.27
00455.02.1	Operations Monitoring	1.88	0.35	0.13	1.63	0.74	0.26
00455.02.1	Operation and Control	1.00	0.00	0.00	0.00	0.00	0.00
00455.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00455.02.1	Troubleshooting	1.50	0.53	0.19	0.63	0.74	0.26
00455.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00455.02.1	Systems Analysis	2.50	0.53	0.19	2.75	0.46	0.16
00455.02.1	Systems Evaluation	2.50	0.53	0.19	2.63	0.52	0.18
00455.02.1	Judg. and Dec. Making	3.38	0.52	0.18	3.75	0.46	0.16
00455.02.1	Time Management	3.25	0.46	0.16	3.13	0.35	0.13
00455.02.1	M. of Financial Resources	2.13	0.64	0.23	1.25	0.71	0.25
00455.02.1	M. of Material Resources	1.25	0.46	0.16	0.25	0.46	0.16
00455.02.1	M. of Personnel Resources	2.00	0.00	0.00	2.25	0.46	0.16

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

Human Resources Assistants, Except Payroll and Timekeeping

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00484.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00484.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00484.03.1	Writing	3.50	0.53	0.19	3.63	0.52	0.18
00484.03.1	Speaking	3.75	0.46	0.16	3.75	0.46	0.16
00484.03.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
00484.03.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00484.03.1	Critical Thinking	3.38	0.52	0.18	3.63	0.52	0.18
00484.03.1	Active Learning	3.00	0.53	0.19	3.13	0.35	0.13
00484.03.1	Learning Strategies	2.50	0.53	0.19	2.88	0.35	0.13
00484.03.1	Monitoring	3.38	0.52	0.18	3.50	0.53	0.19
00484.03.1	Social Perceptiveness	3.38	0.52	0.18	3.38	0.52	0.18
00484.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00484.03.1	Persuasion	2.88	0.35	0.13	2.75	0.46	0.16
00484.03.1	Negotiation	2.63	0.52	0.18	2.50	0.53	0.19
00484.03.1	Instructing	2.50	0.53	0.19	2.88	0.35	0.13
00484.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
00484.03.1	Complex Problem Solving	3.00	0.53	0.19	2.75	0.46	0.16
00484.03.1	Operations Analysis	1.75	0.46	0.16	1.25	0.89	0.31
00484.03.1	Technology Design	1.63	0.52	0.18	0.75	0.71	0.25
00484.03.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00484.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00484.03.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
00484.03.1	Quality Control Analysis	1.25	0.46	0.16	0.38	0.74	0.26
00484.03.1	Operations Monitoring	1.75	0.46	0.16	1.13	0.83	0.30
00484.03.1	Operation and Control	1.25	0.46	0.16	0.25	0.46	0.16
00484.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00484.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00484.03.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00484.03.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
00484.03.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00484.03.1	Judg. and Dec. Making	3.00	0.53	0.19	3.00	0.00	0.00
00484.03.1	Time Management	3.13	0.35	0.13	2.88	0.35	0.13
00484.03.1	M. of Financial Resources	1.63	0.52	0.18	0.75	0.71	0.25
00484.03.1	M. of Material Resources	1.63	0.52	0.18	0.75	0.71	0.25
00484.03.1	M. of Personnel Resources	2.38	0.52	0.18	2.63	0.52	0.18

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

Executive Secretaries and Executive Administrative Assistants

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00095.03.1	Reading Comprehension	4.00	0.00	0.00	4.00	0.00	0.00
00095.03.1	Active Listening	4.00	0.00	0.00	4.00	0.00	0.00
00095.03.1	Writing	3.75	0.46	0.16	3.75	0.46	0.16
00095.03.1	Speaking	3.88	0.35	0.13	3.88	0.35	0.13
00095.03.1	Mathematics	2.75	0.46	0.16	2.25	0.46	0.16
00095.03.1	Science	1.38	0.52	0.18	0.38	0.52	0.18
00095.03.1	Critical Thinking	3.25	0.46	0.16	3.75	0.46	0.16
00095.03.1	Active Learning	3.13	0.35	0.13	3.13	0.35	0.13
00095.03.1	Learning Strategies	2.88	0.64	0.23	3.00	0.53	0.19
00095.03.1	Monitoring	3.13	0.35	0.13	3.63	0.52	0.18
00095.03.1	Social Perceptiveness	3.25	0.46	0.16	3.13	0.35	0.13
00095.03.1	Coordination	3.38	0.52	0.18	3.00	0.00	0.00
00095.03.1	Persuasion	2.88	0.35	0.13	2.88	0.35	0.13
00095.03.1	Negotiation	3.00	0.00	0.00	2.63	0.52	0.18
00095.03.1	Instructing	2.88	0.35	0.13	2.88	0.35	0.13
00095.03.1	Service Orientation	3.75	0.46	0.16	3.75	0.46	0.16
00095.03.1	Complex Problem Solving	2.88	0.35	0.13	3.00	0.00	0.00
00095.03.1	Operations Analysis	1.50	0.53	0.19	0.88	0.99	0.35
00095.03.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
00095.03.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00095.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00095.03.1	Programming	1.88	0.35	0.13	1.25	0.71	0.25
00095.03.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.35	0.13
00095.03.1	Operations Monitoring	1.75	0.46	0.16	1.25	0.89	0.31
00095.03.1	Operation and Control	1.25	0.46	0.16	0.38	0.74	0.26
00095.03.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00095.03.1	Troubleshooting	1.00	0.00	0.00	0.00	0.00	0.00
00095.03.1	Repairing	1.13	0.35	0.13	0.13	0.35	0.13
00095.03.1	Systems Analysis	2.75	0.46	0.16	2.50	0.53	0.19
00095.03.1	Systems Evaluation	2.63	0.52	0.18	2.63	0.52	0.18
00095.03.1	Judg. and Dec. Making	3.13	0.35	0.13	2.88	0.35	0.13
00095.03.1	Time Management	3.25	0.71	0.25	3.00	0.53	0.19
00095.03.1	M. of Financial Resources	1.88	0.35	0.13	1.25	0.71	0.25
00095.03.1	M. of Material Resources	2.00	0.53	0.19	1.25	0.71	0.25
00095.03.1	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 $SE_M > 0.51$

Word Processors and Typists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00483.02.1	Reading Comprehension	3.50	0.53	0.19	3.50	0.53	0.19
00483.02.1	Active Listening	3.25	0.46	0.16	3.13	0.35	0.13
00483.02.1	Writing	3.25	0.46	0.16	3.25	0.46	0.16
00483.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
00483.02.1	Mathematics	2.63	0.52	0.18	2.50	0.53	0.19
00483.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00483.02.1	Critical Thinking	2.75	0.46	0.16	2.50	0.53	0.19
00483.02.1	Active Learning	2.25	0.46	0.16	2.00	0.00	0.00
00483.02.1	Learning Strategies	1.88	0.35	0.13	1.50	0.76	0.27
00483.02.1	Monitoring	3.00	0.00	0.00	2.38	0.52	0.18
00483.02.1	Social Perceptiveness	2.63	0.52	0.18	2.50	0.53	0.19
00483.02.1	Coordination	2.63	0.74	0.26	2.13	0.99	0.35
00483.02.1	Persuasion	2.13	0.64	0.23	1.63	0.92	0.32
00483.02.1	Negotiation	2.00	0.53	0.19	1.75	0.89	0.31
00483.02.1	Instructing	1.75	0.46	0.16	1.25	0.89	0.31
00483.02.1	Service Orientation	2.88	0.35	0.13	2.50	0.53	0.19
00483.02.1	Complex Problem Solving	2.00	0.00	0.00	2.00	0.53	0.19
00483.02.1	Operations Analysis	1.63	0.52	0.18	0.75	0.71	0.25
00483.02.1	Technology Design	1.75	0.46	0.16	0.88	0.64	0.23
00483.02.1	Equipment Selection	1.13	0.35	0.13	0.13	0.35	0.13
00483.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00483.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
00483.02.1	Quality Control Analysis	2.38	0.52	0.18	1.75	0.46	0.16
00483.02.1	Operations Monitoring	1.75	0.46	0.16	1.00	0.76	0.27
00483.02.1	Operation and Control	1.63	0.52	0.18	0.88	0.83	0.30
00483.02.1	Equipment Maintenance	1.63	0.52	0.18	0.63	0.52	0.18
00483.02.1	Troubleshooting	1.50	0.53	0.19	0.63	0.74	0.26
00483.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00483.02.1	Systems Analysis	2.25	0.46	0.16	1.25	0.71	0.25
00483.02.1	Systems Evaluation	1.88	0.35	0.13	0.88	0.35	0.13
00483.02.1	Judg. and Dec. Making	2.50	0.53	0.19	1.88	0.64	0.23
00483.02.1	Time Management	3.00	0.00	0.00	2.88	0.64	0.23
00483.02.1	M. of Financial Resources	1.38	0.52	0.18	0.75	1.04	0.37
00483.02.1	M. of Material Resources	1.63	0.52	0.18	0.88	0.83	0.30
00483.02.1	M. of Personnel Resources	1.88	0.35	0.13	1.75	0.71	0.25

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

Office Machine Operators, Except Computer

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01388.02.1	Reading Comprehension	3.13	0.35	0.13	2.88	0.35	0.13
01388.02.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
01388.02.1	Writing	2.88	0.35	0.13	2.75	0.46	0.16
01388.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01388.02.1	Mathematics	2.50	0.53	0.19	2.00	0.00	0.00
01388.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01388.02.1	Critical Thinking	3.00	0.00	0.00	2.63	0.52	0.18
01388.02.1	Active Learning	2.75	0.46	0.16	2.63	0.52	0.18
01388.02.1	Learning Strategies	2.00	0.00	0.00	2.00	0.00	0.00
01388.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
01388.02.1	Social Perceptiveness	2.88	0.35	0.13	2.25	0.46	0.16
01388.02.1	Coordination	2.75	0.46	0.16	2.63	0.52	0.18
01388.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
01388.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01388.02.1	Instructing	2.13	0.35	0.13	2.13	0.35	0.13
01388.02.1	Service Orientation	2.75	0.46	0.16	2.75	0.46	0.16
01388.02.1	Complex Problem Solving	2.88	0.35	0.13	2.50	0.53	0.19
01388.02.1	Operations Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01388.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01388.02.1	Equipment Selection	2.50	0.53	0.19	1.75	0.46	0.16
01388.02.1	Installation	1.13	0.35	0.13	0.25	0.71	0.25
01388.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01388.02.1	Quality Control Analysis	2.75	0.46	0.16	2.63	0.52	0.18
01388.02.1	Operations Monitoring	3.13	0.64	0.23	2.88	0.35	0.13
01388.02.1	Operation and Control	3.25	0.71	0.25	2.63	0.74	0.26
01388.02.1	Equipment Maintenance	2.75	0.46	0.16	2.50	0.53	0.19
01388.02.1	Troubleshooting	2.75	0.46	0.16	2.50	0.53	0.19
01388.02.1	Repairing	2.63	0.52	0.18	1.88	0.35	0.13
01388.02.1	Systems Analysis	2.63	0.52	0.18	2.13	0.35	0.13
01388.02.1	Systems Evaluation	2.13	0.35	0.13	2.00	0.00	0.00
01388.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.50	0.53	0.19
01388.02.1	Time Management	3.00	0.00	0.00	2.63	0.52	0.18
01388.02.1	M. of Financial Resources	2.13	0.35	0.13	1.88	0.35	0.13
01388.02.1	M. of Material Resources	2.25	0.46	0.16	2.00	0.00	0.00
01388.02.1	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 $SE_M > 0.51$

First-Line Supervisors of Animal Husbandry and Animal Care Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01526.02.1	Reading Comprehension	3.50	0.53	0.19	3.50	0.53	0.19
01526.02.1	Active Listening	3.75	0.46	0.16	3.50	0.53	0.19
01526.02.1	Writing	3.13	0.35	0.13	3.50	0.53	0.19
01526.02.1	Speaking	3.75	0.46	0.16	3.63	0.52	0.18
01526.02.1	Mathematics	2.50	0.53	0.19	2.38	0.52	0.18
01526.02.1	Science	2.63	0.52	0.18	2.63	0.52	0.18
01526.02.1	Critical Thinking	3.75	0.46	0.16	3.75	0.46	0.16
01526.02.1	Active Learning	3.50	0.53	0.19	3.50	0.53	0.19
01526.02.1	Learning Strategies	3.25	0.71	0.25	3.38	0.74	0.26
01526.02.1	Monitoring	3.75	0.46	0.16	3.75	0.46	0.16
01526.02.1	Social Perceptiveness	3.63	0.52	0.18	3.75	0.46	0.16
01526.02.1	Coordination	3.75	0.46	0.16	3.75	0.46	0.16
01526.02.1	Persuasion	3.00	0.53	0.19	3.25	0.71	0.25
01526.02.1	Negotiation	3.00	0.00	0.00	3.00	0.00	0.00
01526.02.1	Instructing	3.50	0.53	0.19	3.00	0.00	0.00
01526.02.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01526.02.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
01526.02.1	Operations Analysis	2.50	0.53	0.19	2.13	0.35	0.13
01526.02.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01526.02.1	Equipment Selection	2.63	0.52	0.18	2.38	0.52	0.18
01526.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01526.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01526.02.1	Quality Control Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01526.02.1	Operations Monitoring	3.00	0.00	0.00	2.75	0.71	0.25
01526.02.1	Operation and Control	3.00	0.00	0.00	3.00	0.00	0.00
01526.02.1	Equipment Maintenance	2.63	0.52	0.18	2.00	0.00	0.00
01526.02.1	Troubleshooting	2.75	0.46	0.16	2.50	0.53	0.19
01526.02.1	Repairing	2.50	0.53	0.19	2.00	0.00	0.00
01526.02.1	Systems Analysis	2.88	0.35	0.13	3.00	0.00	0.00
01526.02.1	Systems Evaluation	2.88	0.35	0.13	2.88	0.35	0.13
01526.02.1	Judg. and Dec. Making	3.75	0.46	0.16	3.38	0.52	0.18
01526.02.1	Time Management	3.63	0.52	0.18	3.63	0.74	0.26
01526.02.1	M. of Financial Resources	2.75	0.46	0.16	3.25	0.89	0.31
01526.02.1	M. of Material Resources	2.75	0.46	0.16	2.75	0.46	0.16
01526.02.1	M. of Personnel Resources	3.88	0.35	0.13	3.63	0.52	0.18

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

Graders and Sorters, Agricultural Products

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00642.02.1	Reading Comprehension	2.25	0.46	0.16	1.63	0.52	0.18
00642.02.1	Active Listening	2.75	0.46	0.16	2.25	0.71	0.25
00642.02.1	Writing	2.25	0.71	0.25	1.38	0.74	0.26
00642.02.1	Speaking	2.75	0.46	0.16	2.25	0.71	0.25
00642.02.1	Mathematics	1.63	0.52	0.18	0.88	0.83	0.30
00642.02.1	Science	1.25	0.46	0.16	0.25	0.46	0.16
00642.02.1	Critical Thinking	2.50	0.53	0.19	2.25	0.46	0.16
00642.02.1	Active Learning	2.13	0.35	0.13	1.50	0.53	0.19
00642.02.1	Learning Strategies	1.63	0.52	0.18	0.88	0.83	0.30
00642.02.1	Monitoring	2.88	0.64	0.23	2.13	0.64	0.23
00642.02.1	Social Perceptiveness	2.13	0.64	0.23	1.75	0.89	0.31
00642.02.1	Coordination	2.50	0.53	0.19	2.50	0.76	0.27
00642.02.1	Persuasion	1.88	0.64	0.23	1.50	0.93	0.33
00642.02.1	Negotiation	1.75	0.46	0.16	1.13	0.83	0.30
00642.02.1	Instructing	1.63	0.74	0.26	0.88	0.99	0.35
00642.02.1	Service Orientation	1.88	0.35	0.13	1.25	0.71	0.25
00642.02.1	Complex Problem Solving	2.13	0.64	0.23	1.63	0.74	0.26
00642.02.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Equipment Selection	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Quality Control Analysis	1.88	0.64	0.23	1.00	0.76	0.27
00642.02.1	Operations Monitoring	1.63	0.52	0.18	1.00	0.93	0.33
00642.02.1	Operation and Control	1.50	0.53	0.19	0.63	0.74	0.26
00642.02.1	Equipment Maintenance	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Troubleshooting	1.50	0.53	0.19	0.50	0.53	0.19
00642.02.1	Repairing	1.00	0.00	0.00	0.00	0.00	0.00
00642.02.1	Systems Analysis	1.88	0.35	0.13	1.25	0.71	0.25
00642.02.1	Systems Evaluation	1.63	0.52	0.18	0.88	0.83	0.30
00642.02.1	Judg. and Dec. Making	2.25	0.46	0.16	1.88	0.35	0.13
00642.02.1	Time Management	2.25	0.46	0.16	1.88	0.64	0.23
00642.02.1	M. of Financial Resources	1.13	0.35	0.13	0.13	0.35	0.13
00642.02.1	M. of Material Resources	1.13	0.35	0.13	0.13	0.35	0.13
00642.02.1	M. of Personnel Resources	1.38	0.52	0.18	0.63	0.92	0.32

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

Logging Equipment Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01394.02.1	Reading Comprehension	2.50	0.53	0.19	2.25	0.46	0.16
01394.02.1	Active Listening	3.00	0.00	0.00	2.25	0.46	0.16
01394.02.1	Writing	2.75	0.46	0.16	2.38	0.52	0.18
01394.02.1	Speaking	2.75	0.46	0.16	2.25	0.46	0.16
01394.02.1	Mathematics	2.38	0.52	0.18	1.88	0.35	0.13
01394.02.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
01394.02.1	Critical Thinking	2.88	0.35	0.13	2.75	0.46	0.16
01394.02.1	Active Learning	2.25	0.46	0.16	2.13	0.35	0.13
01394.02.1	Learning Strategies	2.25	0.46	0.16	2.00	0.00	0.00
01394.02.1	Monitoring	3.00	0.53	0.19	3.00	0.53	0.19
01394.02.1	Social Perceptiveness	2.75	0.46	0.16	2.25	0.46	0.16
01394.02.1	Coordination	2.75	0.46	0.16	2.75	0.46	0.16
01394.02.1	Persuasion	2.38	0.52	0.18	2.13	0.35	0.13
01394.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01394.02.1	Instructing	2.25	0.46	0.16	2.25	0.46	0.16
01394.02.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01394.02.1	Complex Problem Solving	2.88	0.35	0.13	2.13	0.35	0.13
01394.02.1	Operations Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01394.02.1	Technology Design	1.25	0.46	0.16	0.25	0.46	0.16
01394.02.1	Equipment Selection	2.75	0.46	0.16	2.00	0.00	0.00
01394.02.1	Installation	1.13	0.35	0.13	0.13	0.35	0.13
01394.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01394.02.1	Quality Control Analysis	3.00	0.53	0.19	3.00	0.00	0.00
01394.02.1	Operations Monitoring	3.75	0.46	0.16	3.88	0.35	0.13
01394.02.1	Operation and Control	4.00	0.00	0.00	4.00	0.00	0.00
01394.02.1	Equipment Maintenance	3.13	0.35	0.13	3.00	0.00	0.00
01394.02.1	Troubleshooting	3.00	0.00	0.00	3.00	0.00	0.00
01394.02.1	Repairing	2.88	0.35	0.13	3.00	0.00	0.00
01394.02.1	Systems Analysis	2.38	0.52	0.18	2.00	0.00	0.00
01394.02.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
01394.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.50	0.76	0.27
01394.02.1	Time Management	2.88	0.35	0.13	2.75	0.46	0.16
01394.02.1	M. of Financial Resources	1.75	0.46	0.16	1.00	0.76	0.27
01394.02.1	M. of Material Resources	1.88	0.35	0.13	1.00	0.53	0.19
01394.02.1	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 $SE_M > 0.51$

Log Graders and Scalars

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00641.02.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
00641.02.1	Active Listening	3.25	0.46	0.16	2.88	0.35	0.13
00641.02.1	Writing	3.00	0.53	0.19	3.00	0.00	0.00
00641.02.1	Speaking	3.13	0.35	0.13	2.88	0.35	0.13
00641.02.1	Mathematics	2.75	0.46	0.16	2.75	0.46	0.16
00641.02.1	Science	1.75	0.46	0.16	0.75	0.46	0.16
00641.02.1	Critical Thinking	3.25	0.46	0.16	3.00	0.00	0.00
00641.02.1	Active Learning	3.00	0.00	0.00	2.75	0.46	0.16
00641.02.1	Learning Strategies	2.38	0.52	0.18	2.13	0.35	0.13
00641.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00641.02.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
00641.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
00641.02.1	Persuasion	2.75	0.46	0.16	2.75	0.46	0.16
00641.02.1	Negotiation	2.63	0.52	0.18	2.63	0.52	0.18
00641.02.1	Instructing	2.50	0.53	0.19	2.50	0.53	0.19
00641.02.1	Service Orientation	2.63	0.52	0.18	2.50	0.76	0.27
00641.02.1	Complex Problem Solving	2.88	0.35	0.13	2.75	0.46	0.16
00641.02.1	Operations Analysis	1.63	0.52	0.18	0.63	0.52	0.18
00641.02.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
00641.02.1	Equipment Selection	1.75	0.71	0.25	1.00	0.93	0.33
00641.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00641.02.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
00641.02.1	Quality Control Analysis	2.50	0.76	0.27	2.50	0.76	0.27
00641.02.1	Operations Monitoring	2.88	0.64	0.23	2.63	0.52	0.18
00641.02.1	Operation and Control	2.75	0.71	0.25	2.25	0.71	0.25
00641.02.1	Equipment Maintenance	1.63	0.52	0.18	1.00	0.93	0.33
00641.02.1	Troubleshooting	2.00	0.00	0.00	1.38	0.52	0.18
00641.02.1	Repairing	1.38	0.52	0.18	0.75	1.04	0.37
00641.02.1	Systems Analysis	2.50	0.53	0.19	2.25	0.46	0.16
00641.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
00641.02.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00641.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
00641.02.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
00641.02.1	M. of Material Resources	1.88	0.35	0.13	1.50	0.93	0.33
00641.02.1	M. of Personnel Resources	2.38	0.74	0.26	1.88	0.83	0.30

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

Highway Maintenance Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00811.03.1	Reading Comprehension	2.75	0.46	0.16	2.75	0.46	0.16
00811.03.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
00811.03.1	Writing	2.13	0.35	0.13	1.88	0.64	0.23
00811.03.1	Speaking	3.00	0.00	0.00	2.75	0.46	0.16
00811.03.1	Mathematics	2.13	0.35	0.13	1.88	0.64	0.23
00811.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00811.03.1	Critical Thinking	2.88	0.35	0.13	2.75	0.46	0.16
00811.03.1	Active Learning	2.38	0.52	0.18	2.13	0.64	0.23
00811.03.1	Learning Strategies	2.00	0.53	0.19	1.75	0.71	0.25
00811.03.1	Monitoring	3.13	0.35	0.13	2.75	0.71	0.25
00811.03.1	Social Perceptiveness	2.88	0.35	0.13	2.63	0.52	0.18
00811.03.1	Coordination	3.13	0.35	0.13	3.50	0.53	0.19
00811.03.1	Persuasion	2.50	0.53	0.19	2.38	0.74	0.26
00811.03.1	Negotiation	2.38	0.52	0.18	2.13	0.35	0.13
00811.03.1	Instructing	2.38	0.52	0.18	2.13	0.35	0.13
00811.03.1	Service Orientation	2.38	0.52	0.18	2.25	0.71	0.25
00811.03.1	Complex Problem Solving	3.00	0.53	0.19	2.75	0.46	0.16
00811.03.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00811.03.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
00811.03.1	Equipment Selection	1.88	0.64	0.23	1.50	0.93	0.33
00811.03.1	Installation	1.38	0.74	0.26	0.50	0.93	0.33
00811.03.1	Programming	1.13	0.35	0.13	0.13	0.35	0.13
00811.03.1	Quality Control Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00811.03.1	Operations Monitoring	3.50	0.53	0.19	3.00	0.53	0.19
00811.03.1	Operation and Control	3.63	0.52	0.18	3.13	0.35	0.13
00811.03.1	Equipment Maintenance	2.50	0.76	0.27	2.25	1.04	0.37
00811.03.1	Troubleshooting	2.88	0.35	0.13	2.75	0.46	0.16
00811.03.1	Repairing	2.38	0.74	0.26	2.25	1.04	0.37
00811.03.1	Systems Analysis	2.00	0.00	0.00	1.88	0.35	0.13
00811.03.1	Systems Evaluation	2.00	0.00	0.00	1.75	0.46	0.16
00811.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
00811.03.1	Time Management	2.75	0.46	0.16	2.50	0.53	0.19
00811.03.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
00811.03.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
00811.03.1	M. of Personnel Resources	2.13	0.35	0.13	1.88	0.35	0.13

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

Septic Tank Servicers and Sewer Pipe Cleaners

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00804.02.1	Reading Comprehension	2.75	0.46	0.16	2.88	0.35	0.13
00804.02.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
00804.02.1	Writing	2.50	0.53	0.19	2.63	0.52	0.18
00804.02.1	Speaking	2.75	0.46	0.16	2.50	0.53	0.19
00804.02.1	Mathematics	2.38	0.52	0.18	2.38	0.52	0.18
00804.02.1	Science	1.25	0.46	0.16	0.38	0.74	0.26
00804.02.1	Critical Thinking	3.13	0.64	0.23	3.00	0.00	0.00
00804.02.1	Active Learning	2.75	0.46	0.16	2.63	0.52	0.18
00804.02.1	Learning Strategies	2.63	0.52	0.18	2.38	0.52	0.18
00804.02.1	Monitoring	2.88	0.35	0.13	2.88	0.35	0.13
00804.02.1	Social Perceptiveness	2.75	0.46	0.16	2.63	0.52	0.18
00804.02.1	Coordination	2.88	0.35	0.13	2.75	0.46	0.16
00804.02.1	Persuasion	2.38	0.52	0.18	2.38	0.52	0.18
00804.02.1	Negotiation	2.38	0.52	0.18	2.00	0.00	0.00
00804.02.1	Instructing	2.50	0.53	0.19	2.38	0.52	0.18
00804.02.1	Service Orientation	2.75	0.46	0.16	2.25	0.46	0.16
00804.02.1	Complex Problem Solving	2.88	0.35	0.13	3.00	0.00	0.00
00804.02.1	Operations Analysis	1.50	0.53	0.19	0.75	0.89	0.31
00804.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00804.02.1	Equipment Selection	2.63	0.52	0.18	1.88	0.35	0.13
00804.02.1	Installation	2.00	0.53	0.19	1.50	0.93	0.33
00804.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00804.02.1	Quality Control Analysis	3.00	0.53	0.19	2.63	0.52	0.18
00804.02.1	Operations Monitoring	3.63	0.52	0.18	3.00	0.00	0.00
00804.02.1	Operation and Control	3.88	0.35	0.13	3.00	0.00	0.00
00804.02.1	Equipment Maintenance	3.00	0.00	0.00	2.88	0.35	0.13
00804.02.1	Troubleshooting	3.00	0.00	0.00	3.00	0.00	0.00
00804.02.1	Repairing	3.00	0.00	0.00	3.13	0.35	0.13
00804.02.1	Systems Analysis	2.13	0.35	0.13	2.25	0.46	0.16
00804.02.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00804.02.1	Judg. and Dec. Making	2.75	0.46	0.16	2.75	0.46	0.16
00804.02.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00804.02.1	M. of Financial Resources	2.00	0.00	0.00	1.63	0.74	0.26
00804.02.1	M. of Material Resources	2.00	0.00	0.00	1.88	0.35	0.13
00804.02.1	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 $SE_M > 0.51$

Earth Drillers, Except Oil and Gas

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01410.02.1	Reading Comprehension	2.75	0.46	0.16	2.50	0.76	0.27
01410.02.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
01410.02.1	Writing	2.38	0.52	0.18	2.38	0.52	0.18
01410.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
01410.02.1	Mathematics	2.25	0.46	0.16	1.75	0.89	0.31
01410.02.1	Science	1.63	0.52	0.18	0.75	0.71	0.25
01410.02.1	Critical Thinking	3.25	0.46	0.16	3.00	0.00	0.00
01410.02.1	Active Learning	2.75	0.46	0.16	2.25	0.46	0.16
01410.02.1	Learning Strategies	2.25	0.46	0.16	2.00	0.00	0.00
01410.02.1	Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
01410.02.1	Social Perceptiveness	2.63	0.52	0.18	2.13	0.35	0.13
01410.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01410.02.1	Persuasion	2.38	0.52	0.18	2.13	0.35	0.13
01410.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01410.02.1	Instructing	2.75	0.46	0.16	2.75	0.46	0.16
01410.02.1	Service Orientation	2.38	0.52	0.18	2.25	0.46	0.16
01410.02.1	Complex Problem Solving	3.00	0.00	0.00	2.75	0.46	0.16
01410.02.1	Operations Analysis	1.88	0.35	0.13	1.38	0.92	0.32
01410.02.1	Technology Design	1.88	0.35	0.13	1.13	0.64	0.23
01410.02.1	Equipment Selection	3.00	0.53	0.19	2.50	0.53	0.19
01410.02.1	Installation	1.88	0.99	0.35	1.00	1.07	0.38
01410.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01410.02.1	Quality Control Analysis	3.00	0.00	0.00	3.00	0.00	0.00
01410.02.1	Operations Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
01410.02.1	Operation and Control	3.88	0.35	0.13	4.00	0.00	0.00
01410.02.1	Equipment Maintenance	3.25	0.46	0.16	3.25	0.46	0.16
01410.02.1	Troubleshooting	3.00	0.00	0.00	3.00	0.00	0.00
01410.02.1	Repairing	2.88	0.35	0.13	3.00	0.53	0.19
01410.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01410.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01410.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
01410.02.1	Time Management	2.88	0.35	0.13	2.25	0.46	0.16
01410.02.1	M. of Financial Resources	1.75	0.46	0.16	1.00	0.76	0.27
01410.02.1	M. of Material Resources	1.88	0.35	0.13	1.25	0.71	0.25
01410.02.1	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 $SE_M > 0.51$

Roof Bolters, Mining

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00840.02.1	Reading Comprehension	2.38	0.52	0.18	2.25	0.46	0.16
00840.02.1	Active Listening	3.13	0.35	0.13	2.88	0.35	0.13
00840.02.1	Writing	2.13	0.35	0.13	2.25	0.46	0.16
00840.02.1	Speaking	3.00	0.00	0.00	2.25	0.46	0.16
00840.02.1	Mathematics	2.13	0.35	0.13	1.75	0.46	0.16
00840.02.1	Science	1.50	0.76	0.27	0.75	1.16	0.41
00840.02.1	Critical Thinking	3.38	0.52	0.18	3.00	0.00	0.00
00840.02.1	Active Learning	2.88	0.35	0.13	2.88	0.35	0.13
00840.02.1	Learning Strategies	2.25	0.46	0.16	2.50	0.53	0.19
00840.02.1	Monitoring	3.25	0.46	0.16	3.13	0.35	0.13
00840.02.1	Social Perceptiveness	2.88	0.35	0.13	2.25	0.46	0.16
00840.02.1	Coordination	3.00	0.00	0.00	3.50	0.53	0.19
00840.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
00840.02.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
00840.02.1	Instructing	2.88	0.35	0.13	2.63	0.52	0.18
00840.02.1	Service Orientation	2.38	0.52	0.18	2.13	0.35	0.13
00840.02.1	Complex Problem Solving	3.00	0.53	0.19	2.38	0.52	0.18
00840.02.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
00840.02.1	Technology Design	1.13	0.35	0.13	0.13	0.35	0.13
00840.02.1	Equipment Selection	2.88	0.35	0.13	2.25	0.46	0.16
00840.02.1	Installation	2.00	0.53	0.19	1.50	0.76	0.27
00840.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00840.02.1	Quality Control Analysis	3.00	0.00	0.00	3.00	0.00	0.00
00840.02.1	Operations Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
00840.02.1	Operation and Control	3.63	0.52	0.18	3.13	0.35	0.13
00840.02.1	Equipment Maintenance	3.13	0.35	0.13	3.00	0.00	0.00
00840.02.1	Troubleshooting	3.25	0.46	0.16	3.00	0.00	0.00
00840.02.1	Repairing	3.00	0.53	0.19	2.88	0.35	0.13
00840.02.1	Systems Analysis	2.25	0.46	0.16	2.00	0.00	0.00
00840.02.1	Systems Evaluation	2.25	0.46	0.16	2.13	0.35	0.13
00840.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.38	0.52	0.18
00840.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00840.02.1	M. of Financial Resources	1.88	0.35	0.13	1.13	0.64	0.23
00840.02.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
00840.02.1	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 $SE_M > 0.51$

Telecommunications Equipment Installers and Repairers, Except Line Installers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01414.02.1	Reading Comprehension	3.38	0.52	0.18	3.63	0.52	0.18
01414.02.1	Active Listening	3.50	0.53	0.19	3.38	0.52	0.18
01414.02.1	Writing	3.00	0.00	0.00	3.13	0.35	0.13
01414.02.1	Speaking	3.25	0.46	0.16	3.13	0.35	0.13
01414.02.1	Mathematics	2.25	0.46	0.16	2.25	0.46	0.16
01414.02.1	Science	2.00	0.00	0.00	2.00	0.00	0.00
01414.02.1	Critical Thinking	3.63	0.52	0.18	3.75	0.46	0.16
01414.02.1	Active Learning	3.13	0.35	0.13	3.00	0.00	0.00
01414.02.1	Learning Strategies	2.88	0.35	0.13	2.88	0.35	0.13
01414.02.1	Monitoring	3.38	0.52	0.18	3.25	0.46	0.16
01414.02.1	Social Perceptiveness	3.00	0.00	0.00	2.75	0.46	0.16
01414.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01414.02.1	Persuasion	2.63	0.52	0.18	2.63	0.52	0.18
01414.02.1	Negotiation	2.50	0.53	0.19	2.25	0.46	0.16
01414.02.1	Instructing	2.88	0.35	0.13	3.00	0.00	0.00
01414.02.1	Service Orientation	2.88	0.35	0.13	3.00	0.00	0.00
01414.02.1	Complex Problem Solving	3.38	0.52	0.18	3.25	0.46	0.16
01414.02.1	Operations Analysis	1.88	0.35	0.13	1.75	0.71	0.25
01414.02.1	Technology Design	1.88	0.35	0.13	1.38	0.74	0.26
01414.02.1	Equipment Selection	3.13	0.35	0.13	3.13	0.35	0.13
01414.02.1	Installation	3.25	0.46	0.16	3.25	0.46	0.16
01414.02.1	Programming	2.00	0.53	0.19	1.63	0.74	0.26
01414.02.1	Quality Control Analysis	3.63	0.52	0.18	3.63	0.52	0.18
01414.02.1	Operations Monitoring	3.63	0.52	0.18	3.25	0.46	0.16
01414.02.1	Operation and Control	3.25	0.46	0.16	3.25	0.46	0.16
01414.02.1	Equipment Maintenance	3.50	0.53	0.19	3.25	0.46	0.16
01414.02.1	Troubleshooting	3.88	0.35	0.13	3.75	0.46	0.16
01414.02.1	Repairing	3.88	0.35	0.13	3.25	0.46	0.16
01414.02.1	Systems Analysis	3.13	0.35	0.13	3.00	0.00	0.00
01414.02.1	Systems Evaluation	2.88	0.64	0.23	3.13	0.35	0.13
01414.02.1	Judg. and Dec. Making	3.25	0.46	0.16	3.00	0.00	0.00
01414.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01414.02.1	M. of Financial Resources	1.75	0.46	0.16	0.75	0.46	0.16
01414.02.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
01414.02.1	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 $SE_M > 0.51$

Electric Motor, Power Tool, and Related Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01415.02.1	Reading Comprehension	3.00	0.53	0.19	3.00	0.00	0.00
01415.02.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
01415.02.1	Writing	2.88	0.35	0.13	2.75	0.46	0.16
01415.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01415.02.1	Mathematics	2.63	0.52	0.18	2.75	0.46	0.16
01415.02.1	Science	2.13	0.35	0.13	2.13	0.35	0.13
01415.02.1	Critical Thinking	3.75	0.46	0.16	3.38	0.52	0.18
01415.02.1	Active Learning	2.88	0.35	0.13	3.13	0.35	0.13
01415.02.1	Learning Strategies	2.75	0.46	0.16	2.75	0.46	0.16
01415.02.1	Monitoring	2.88	0.35	0.13	3.13	0.35	0.13
01415.02.1	Social Perceptiveness	2.75	0.46	0.16	2.75	0.46	0.16
01415.02.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
01415.02.1	Persuasion	2.50	0.76	0.27	2.38	1.06	0.38
01415.02.1	Negotiation	2.25	0.71	0.25	1.75	0.89	0.31
01415.02.1	Instructing	2.50	0.53	0.19	2.88	0.35	0.13
01415.02.1	Service Orientation	2.75	0.46	0.16	2.75	0.46	0.16
01415.02.1	Complex Problem Solving	3.63	0.74	0.26	3.00	0.53	0.19
01415.02.1	Operations Analysis	1.63	0.52	0.18	1.25	1.04	0.37
01415.02.1	Technology Design	1.75	0.46	0.16	1.25	0.89	0.31
01415.02.1	Equipment Selection	3.75	0.46	0.16	3.00	0.53	0.19
01415.02.1	Installation	3.00	0.00	0.00	2.88	0.35	0.13
01415.02.1	Programming	1.75	0.46	0.16	0.88	0.64	0.23
01415.02.1	Quality Control Analysis	3.75	0.46	0.16	3.63	0.52	0.18
01415.02.1	Operations Monitoring	3.50	0.53	0.19	3.38	0.52	0.18
01415.02.1	Operation and Control	3.25	0.46	0.16	3.00	0.00	0.00
01415.02.1	Equipment Maintenance	3.88	0.35	0.13	3.75	0.46	0.16
01415.02.1	Troubleshooting	3.88	0.35	0.13	3.88	0.35	0.13
01415.02.1	Repairing	4.13	0.35	0.13	4.00	0.00	0.00
01415.02.1	Systems Analysis	3.00	0.00	0.00	2.88	0.35	0.13
01415.02.1	Systems Evaluation	2.75	0.46	0.16	2.75	0.46	0.16
01415.02.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
01415.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
01415.02.1	M. of Financial Resources	1.88	0.35	0.13	1.75	0.71	0.25
01415.02.1	M. of Material Resources	2.13	0.64	0.23	1.75	0.71	0.25
01415.02.1	M. of Personnel Resources	2.38	0.74	0.26	2.25	1.04	0.37

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

Electrical and Electronics Repairers, Powerhouse, Substation, and Relay

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00739.02.1	Reading Comprehension	3.38	0.52	0.18	3.50	0.53	0.19
00739.02.1	Active Listening	3.13	0.35	0.13	3.13	0.35	0.13
00739.02.1	Writing	2.88	0.35	0.13	3.00	0.00	0.00
00739.02.1	Speaking	3.13	0.35	0.13	2.88	0.35	0.13
00739.02.1	Mathematics	2.25	0.46	0.16	2.38	0.52	0.18
00739.02.1	Science	2.63	0.74	0.26	2.38	1.06	0.38
00739.02.1	Critical Thinking	3.75	0.46	0.16	3.38	0.52	0.18
00739.02.1	Active Learning	2.88	0.35	0.13	3.00	0.00	0.00
00739.02.1	Learning Strategies	2.25	0.46	0.16	2.25	0.46	0.16
00739.02.1	Monitoring	3.00	0.53	0.19	3.00	0.00	0.00
00739.02.1	Social Perceptiveness	2.63	0.52	0.18	2.75	0.46	0.16
00739.02.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
00739.02.1	Persuasion	2.38	0.52	0.18	2.13	0.35	0.13
00739.02.1	Negotiation	2.50	0.53	0.19	2.25	0.46	0.16
00739.02.1	Instructing	2.75	0.46	0.16	2.88	0.35	0.13
00739.02.1	Service Orientation	2.88	0.35	0.13	2.75	0.46	0.16
00739.02.1	Complex Problem Solving	3.13	0.35	0.13	3.00	0.00	0.00
00739.02.1	Operations Analysis	2.13	0.35	0.13	2.25	0.46	0.16
00739.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
00739.02.1	Equipment Selection	2.88	0.35	0.13	2.25	0.46	0.16
00739.02.1	Installation	1.63	0.52	0.18	0.75	0.71	0.25
00739.02.1	Programming	1.88	0.35	0.13	1.13	0.64	0.23
00739.02.1	Quality Control Analysis	3.25	0.46	0.16	3.25	0.46	0.16
00739.02.1	Operations Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
00739.02.1	Operation and Control	2.88	0.35	0.13	3.13	0.35	0.13
00739.02.1	Equipment Maintenance	3.63	0.52	0.18	4.00	0.00	0.00
00739.02.1	Troubleshooting	3.50	0.53	0.19	4.00	0.00	0.00
00739.02.1	Repairing	3.63	0.52	0.18	4.00	0.00	0.00
00739.02.1	Systems Analysis	3.00	0.53	0.19	3.00	0.00	0.00
00739.02.1	Systems Evaluation	2.75	0.46	0.16	3.00	0.00	0.00
00739.02.1	Judg. and Dec. Making	3.00	0.00	0.00	3.00	0.00	0.00
00739.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00739.02.1	M. of Financial Resources	2.00	0.00	0.00	1.50	0.53	0.19
00739.02.1	M. of Material Resources	2.00	0.00	0.00	1.63	0.52	0.18
00739.02.1	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 $SE_M > 0.51$

Mobile Heavy Equipment Mechanics, Except Engines

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00712.03.1	Reading Comprehension	3.13	0.35	0.13	3.38	0.52	0.18
00712.03.1	Active Listening	3.00	0.00	0.00	3.13	0.35	0.13
00712.03.1	Writing	3.00	0.53	0.19	2.88	0.35	0.13
00712.03.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
00712.03.1	Mathematics	2.88	0.35	0.13	2.63	0.52	0.18
00712.03.1	Science	1.88	0.35	0.13	1.50	0.76	0.27
00712.03.1	Critical Thinking	3.25	0.46	0.16	3.38	0.52	0.18
00712.03.1	Active Learning	3.00	0.00	0.00	3.00	0.00	0.00
00712.03.1	Learning Strategies	2.63	0.52	0.18	2.75	0.46	0.16
00712.03.1	Monitoring	3.00	0.53	0.19	3.13	0.35	0.13
00712.03.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
00712.03.1	Coordination	2.88	0.35	0.13	3.13	0.35	0.13
00712.03.1	Persuasion	2.50	0.76	0.27	2.50	1.07	0.38
00712.03.1	Negotiation	2.38	0.52	0.18	2.13	0.35	0.13
00712.03.1	Instructing	2.75	0.46	0.16	3.00	0.00	0.00
00712.03.1	Service Orientation	2.63	0.52	0.18	2.63	0.52	0.18
00712.03.1	Complex Problem Solving	3.13	0.64	0.23	3.25	0.46	0.16
00712.03.1	Operations Analysis	1.88	0.64	0.23	1.38	1.30	0.46
00712.03.1	Technology Design	1.88	0.35	0.13	1.63	0.74	0.26
00712.03.1	Equipment Selection	3.38	0.52	0.18	3.25	0.46	0.16
00712.03.1	Installation	2.38	0.52	0.18	2.75	0.46	0.16
00712.03.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
00712.03.1	Quality Control Analysis	3.38	0.52	0.18	3.75	0.46	0.16
00712.03.1	Operations Monitoring	3.75	0.46	0.16	3.50	0.53	0.19
00712.03.1	Operation and Control	3.63	0.52	0.18	3.38	0.52	0.18
00712.03.1	Equipment Maintenance	4.00	0.53	0.19	3.88	0.35	0.13
00712.03.1	Troubleshooting	4.13	0.35	0.13	4.00	0.00	0.00
00712.03.1	Repairing	4.13	0.35	0.13	4.00	0.00	0.00
00712.03.1	Systems Analysis	2.75	0.71	0.25	2.75	0.46	0.16
00712.03.1	Systems Evaluation	2.50	0.53	0.19	2.38	0.52	0.18
00712.03.1	Judg. and Dec. Making	3.13	0.35	0.13	3.13	0.35	0.13
00712.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
00712.03.1	M. of Financial Resources	1.75	0.46	0.16	1.50	0.93	0.33
00712.03.1	M. of Material Resources	2.50	0.76	0.27	2.25	1.04	0.37
00712.03.1	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 $SE_M > 0.51$

Control and Valve Installers and Repairers, Except Mechanical Door

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01422.02.1	Reading Comprehension	3.00	0.53	0.19	3.13	0.35	0.13
01422.02.1	Active Listening	3.13	0.35	0.13	2.88	0.35	0.13
01422.02.1	Writing	3.00	0.53	0.19	2.88	0.35	0.13
01422.02.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
01422.02.1	Mathematics	2.13	0.35	0.13	1.50	0.76	0.27
01422.02.1	Science	1.75	0.46	0.16	1.13	0.99	0.35
01422.02.1	Critical Thinking	3.38	0.52	0.18	3.13	0.35	0.13
01422.02.1	Active Learning	2.88	0.35	0.13	3.00	0.00	0.00
01422.02.1	Learning Strategies	2.50	0.53	0.19	2.38	0.52	0.18
01422.02.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
01422.02.1	Social Perceptiveness	2.88	0.35	0.13	2.75	0.46	0.16
01422.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01422.02.1	Persuasion	2.00	0.53	0.19	1.75	0.89	0.31
01422.02.1	Negotiation	2.13	0.35	0.13	1.88	0.35	0.13
01422.02.1	Instructing	2.25	0.46	0.16	2.38	0.52	0.18
01422.02.1	Service Orientation	2.50	0.53	0.19	2.38	0.52	0.18
01422.02.1	Complex Problem Solving	3.00	0.53	0.19	3.00	0.00	0.00
01422.02.1	Operations Analysis	1.63	0.52	0.18	0.75	0.71	0.25
01422.02.1	Technology Design	1.88	0.35	0.13	0.88	0.35	0.13
01422.02.1	Equipment Selection	2.88	0.35	0.13	2.50	0.53	0.19
01422.02.1	Installation	2.38	0.74	0.26	2.13	1.13	0.40
01422.02.1	Programming	1.63	0.52	0.18	0.75	0.71	0.25
01422.02.1	Quality Control Analysis	3.13	0.35	0.13	3.25	0.46	0.16
01422.02.1	Operations Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
01422.02.1	Operation and Control	3.00	0.00	0.00	3.00	0.00	0.00
01422.02.1	Equipment Maintenance	3.13	0.35	0.13	3.25	0.46	0.16
01422.02.1	Troubleshooting	3.13	0.35	0.13	3.13	0.35	0.13
01422.02.1	Repairing	3.25	0.46	0.16	3.25	0.46	0.16
01422.02.1	Systems Analysis	2.25	0.46	0.16	2.13	0.35	0.13
01422.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
01422.02.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
01422.02.1	Time Management	2.75	0.46	0.16	2.50	0.53	0.19
01422.02.1	M. of Financial Resources	1.88	0.64	0.23	0.88	0.64	0.23
01422.02.1	M. of Material Resources	1.75	0.46	0.16	0.88	0.64	0.23
01422.02.1	M. of Personnel Resources	2.00	0.53	0.19	1.50	0.76	0.27

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

Coin, Vending, and Amusement Machine Servicers and Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00766.02.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
00766.02.1	Active Listening	2.88	0.35	0.13	2.88	0.35	0.13
00766.02.1	Writing	2.63	0.52	0.18	2.50	0.53	0.19
00766.02.1	Speaking	2.88	0.35	0.13	2.63	0.52	0.18
00766.02.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
00766.02.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00766.02.1	Critical Thinking	2.88	0.35	0.13	2.88	0.35	0.13
00766.02.1	Active Learning	2.63	0.52	0.18	2.13	0.35	0.13
00766.02.1	Learning Strategies	1.88	0.35	0.13	1.75	0.71	0.25
00766.02.1	Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
00766.02.1	Social Perceptiveness	2.63	0.52	0.18	2.50	0.53	0.19
00766.02.1	Coordination	2.63	0.52	0.18	2.63	0.52	0.18
00766.02.1	Persuasion	2.00	0.00	0.00	1.75	0.46	0.16
00766.02.1	Negotiation	1.88	0.35	0.13	1.50	0.76	0.27
00766.02.1	Instructing	1.88	0.35	0.13	1.63	0.74	0.26
00766.02.1	Service Orientation	2.88	0.35	0.13	2.63	0.52	0.18
00766.02.1	Complex Problem Solving	2.88	0.35	0.13	2.75	0.46	0.16
00766.02.1	Operations Analysis	1.50	0.53	0.19	0.50	0.53	0.19
00766.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
00766.02.1	Equipment Selection	2.50	0.53	0.19	2.13	0.35	0.13
00766.02.1	Installation	2.13	0.64	0.23	1.63	0.74	0.26
00766.02.1	Programming	1.38	0.52	0.18	0.38	0.52	0.18
00766.02.1	Quality Control Analysis	3.00	0.00	0.00	2.88	0.35	0.13
00766.02.1	Operations Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00766.02.1	Operation and Control	3.00	0.00	0.00	3.00	0.00	0.00
00766.02.1	Equipment Maintenance	3.38	0.52	0.18	3.00	0.00	0.00
00766.02.1	Troubleshooting	3.25	0.46	0.16	3.00	0.00	0.00
00766.02.1	Repairing	3.50	0.53	0.19	3.00	0.00	0.00
00766.02.1	Systems Analysis	2.88	0.35	0.13	2.75	0.46	0.16
00766.02.1	Systems Evaluation	2.75	0.46	0.16	2.25	0.46	0.16
00766.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
00766.02.1	Time Management	2.88	0.35	0.13	2.75	0.46	0.16
00766.02.1	M. of Financial Resources	1.88	0.35	0.13	1.25	0.89	0.31
00766.02.1	M. of Material Resources	2.00	0.53	0.19	1.25	0.89	0.31
00766.02.1	M. of Personnel Resources	2.00	0.00	0.00	1.63	0.52	0.18

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

Coil Winders, Tapers, and Finishers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01055.02.1	Reading Comprehension	2.88	0.35	0.13	2.75	0.46	0.16
01055.02.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
01055.02.1	Writing	2.13	0.35	0.13	2.00	0.00	0.00
01055.02.1	Speaking	2.88	0.35	0.13	2.50	0.53	0.19
01055.02.1	Mathematics	1.75	0.46	0.16	1.13	0.99	0.35
01055.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01055.02.1	Critical Thinking	2.88	0.35	0.13	2.88	0.35	0.13
01055.02.1	Active Learning	2.25	0.46	0.16	1.88	0.35	0.13
01055.02.1	Learning Strategies	2.00	0.00	0.00	1.88	0.35	0.13
01055.02.1	Monitoring	3.13	0.35	0.13	3.00	0.00	0.00
01055.02.1	Social Perceptiveness	2.63	0.52	0.18	2.25	0.71	0.25
01055.02.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
01055.02.1	Persuasion	1.88	0.64	0.23	1.25	0.89	0.31
01055.02.1	Negotiation	1.75	0.46	0.16	1.13	0.83	0.30
01055.02.1	Instructing	2.00	0.00	0.00	2.13	0.35	0.13
01055.02.1	Service Orientation	1.88	0.35	0.13	1.50	0.76	0.27
01055.02.1	Complex Problem Solving	2.38	0.52	0.18	1.88	0.35	0.13
01055.02.1	Operations Analysis	1.50	0.53	0.19	0.63	0.74	0.26
01055.02.1	Technology Design	1.75	0.46	0.16	0.75	0.46	0.16
01055.02.1	Equipment Selection	1.63	0.52	0.18	0.63	0.52	0.18
01055.02.1	Installation	1.13	0.35	0.13	0.13	0.35	0.13
01055.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01055.02.1	Quality Control Analysis	2.13	0.35	0.13	2.25	0.71	0.25
01055.02.1	Operations Monitoring	3.13	0.35	0.13	3.13	0.35	0.13
01055.02.1	Operation and Control	3.00	0.00	0.00	3.13	0.35	0.13
01055.02.1	Equipment Maintenance	1.63	0.52	0.18	0.63	0.52	0.18
01055.02.1	Troubleshooting	2.00	0.00	0.00	1.88	0.35	0.13
01055.02.1	Repairing	1.38	0.52	0.18	0.38	0.52	0.18
01055.02.1	Systems Analysis	2.00	0.53	0.19	1.50	0.76	0.27
01055.02.1	Systems Evaluation	1.88	0.35	0.13	1.25	0.71	0.25
01055.02.1	Judg. and Dec. Making	2.75	0.46	0.16	2.50	0.53	0.19
01055.02.1	Time Management	2.38	0.52	0.18	2.13	0.64	0.23
01055.02.1	M. of Financial Resources	1.50	0.53	0.19	0.50	0.53	0.19
01055.02.1	M. of Material Resources	1.50	0.53	0.19	0.50	0.53	0.19
01055.02.1	M. of Personnel Resources	1.88	0.64	0.23	1.00	0.76	0.27

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

Electromechanical Equipment Assemblers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01044.02.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
01044.02.1	Active Listening	2.88	0.35	0.13	2.75	0.46	0.16
01044.02.1	Writing	2.50	0.53	0.19	2.13	0.35	0.13
01044.02.1	Speaking	3.00	0.00	0.00	2.63	0.52	0.18
01044.02.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
01044.02.1	Science	2.00	0.00	0.00	2.00	0.00	0.00
01044.02.1	Critical Thinking	3.00	0.00	0.00	2.88	0.35	0.13
01044.02.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
01044.02.1	Learning Strategies	1.88	0.35	0.13	1.63	0.74	0.26
01044.02.1	Monitoring	2.88	0.64	0.23	2.75	0.46	0.16
01044.02.1	Social Perceptiveness	2.50	0.76	0.27	1.75	0.71	0.25
01044.02.1	Coordination	2.38	0.74	0.26	2.00	1.07	0.38
01044.02.1	Persuasion	1.88	0.35	0.13	1.63	0.74	0.26
01044.02.1	Negotiation	1.88	0.35	0.13	1.63	0.74	0.26
01044.02.1	Instructing	1.88	0.64	0.23	1.50	1.07	0.38
01044.02.1	Service Orientation	2.00	0.00	0.00	1.75	0.46	0.16
01044.02.1	Complex Problem Solving	2.50	0.53	0.19	2.13	0.35	0.13
01044.02.1	Operations Analysis	1.75	0.46	0.16	0.75	0.46	0.16
01044.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
01044.02.1	Equipment Selection	2.38	0.52	0.18	2.00	0.00	0.00
01044.02.1	Installation	1.63	0.52	0.18	1.00	1.07	0.38
01044.02.1	Programming	1.50	0.53	0.19	0.50	0.53	0.19
01044.02.1	Quality Control Analysis	3.25	0.46	0.16	3.25	0.46	0.16
01044.02.1	Operations Monitoring	3.25	0.46	0.16	3.00	0.00	0.00
01044.02.1	Operation and Control	2.63	0.52	0.18	2.25	0.46	0.16
01044.02.1	Equipment Maintenance	2.75	0.46	0.16	2.88	0.35	0.13
01044.02.1	Troubleshooting	3.00	0.00	0.00	3.13	0.35	0.13
01044.02.1	Repairing	2.75	0.46	0.16	2.75	0.46	0.16
01044.02.1	Systems Analysis	2.13	0.35	0.13	1.88	0.35	0.13
01044.02.1	Systems Evaluation	2.13	0.35	0.13	1.50	0.76	0.27
01044.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.38	0.52	0.18
01044.02.1	Time Management	2.88	0.35	0.13	2.63	0.52	0.18
01044.02.1	M. of Financial Resources	1.63	0.52	0.18	0.63	0.52	0.18
01044.02.1	M. of Material Resources	1.75	0.46	0.16	0.75	0.46	0.16
01044.02.1	M. of Personnel Resources	1.88	0.35	0.13	1.63	0.74	0.26

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

Meat, Poultry, and Fish Cutters and Trimmers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01069.02.1	Reading Comprehension	2.38	0.52	0.18	2.25	0.46	0.16
01069.02.1	Active Listening	3.13	0.35	0.13	2.25	0.46	0.16
01069.02.1	Writing	2.13	0.35	0.13	2.13	0.35	0.13
01069.02.1	Speaking	3.00	0.00	0.00	2.63	0.52	0.18
01069.02.1	Mathematics	2.25	0.46	0.16	1.88	0.35	0.13
01069.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01069.02.1	Critical Thinking	3.00	0.00	0.00	2.88	0.35	0.13
01069.02.1	Active Learning	2.38	0.52	0.18	2.25	0.46	0.16
01069.02.1	Learning Strategies	2.25	0.46	0.16	2.25	0.46	0.16
01069.02.1	Monitoring	3.00	0.00	0.00	2.63	0.52	0.18
01069.02.1	Social Perceptiveness	2.88	0.35	0.13	2.38	0.52	0.18
01069.02.1	Coordination	2.88	0.35	0.13	2.38	0.52	0.18
01069.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
01069.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01069.02.1	Instructing	2.63	0.52	0.18	2.13	0.35	0.13
01069.02.1	Service Orientation	2.75	0.46	0.16	2.38	0.52	0.18
01069.02.1	Complex Problem Solving	2.38	0.52	0.18	2.13	0.35	0.13
01069.02.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
01069.02.1	Technology Design	1.25	0.46	0.16	0.25	0.46	0.16
01069.02.1	Equipment Selection	2.00	0.53	0.19	1.38	0.74	0.26
01069.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01069.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01069.02.1	Quality Control Analysis	2.13	0.35	0.13	2.13	0.35	0.13
01069.02.1	Operations Monitoring	2.50	0.53	0.19	2.38	0.52	0.18
01069.02.1	Operation and Control	2.25	0.46	0.16	2.13	0.35	0.13
01069.02.1	Equipment Maintenance	1.75	0.71	0.25	1.25	1.04	0.37
01069.02.1	Troubleshooting	2.25	0.46	0.16	2.00	0.00	0.00
01069.02.1	Repairing	1.75	0.71	0.25	1.25	1.04	0.37
01069.02.1	Systems Analysis	1.63	0.52	0.18	1.13	0.99	0.35
01069.02.1	Systems Evaluation	1.63	0.52	0.18	1.13	0.99	0.35
01069.02.1	Judg. and Dec. Making	3.00	0.53	0.19	2.13	0.35	0.13
01069.02.1	Time Management	2.88	0.35	0.13	2.13	0.35	0.13
01069.02.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
01069.02.1	M. of Material Resources	1.88	0.35	0.13	1.00	0.53	0.19
01069.02.1	M. of Personnel Resources	2.63	0.52	0.18	2.25	0.46	0.16

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

Slaughterers and Meat Packers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00904.02.1	Reading Comprehension	1.88	0.35	0.13	1.75	0.71	0.25
00904.02.1	Active Listening	2.63	0.52	0.18	2.25	0.46	0.16
00904.02.1	Writing	1.75	0.46	0.16	1.00	0.76	0.27
00904.02.1	Speaking	2.75	0.46	0.16	1.88	0.35	0.13
00904.02.1	Mathematics	1.75	0.46	0.16	0.75	0.46	0.16
00904.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
00904.02.1	Critical Thinking	2.38	0.52	0.18	1.88	0.35	0.13
00904.02.1	Active Learning	2.00	0.00	0.00	1.50	0.53	0.19
00904.02.1	Learning Strategies	2.00	0.00	0.00	1.25	0.46	0.16
00904.02.1	Monitoring	2.25	0.71	0.25	1.88	0.35	0.13
00904.02.1	Social Perceptiveness	2.38	0.74	0.26	1.75	0.71	0.25
00904.02.1	Coordination	2.00	0.53	0.19	1.88	0.83	0.30
00904.02.1	Persuasion	1.88	0.35	0.13	0.88	0.35	0.13
00904.02.1	Negotiation	1.75	0.46	0.16	1.13	0.83	0.30
00904.02.1	Instructing	1.88	0.35	0.13	1.63	0.74	0.26
00904.02.1	Service Orientation	2.00	0.53	0.19	1.75	0.71	0.25
00904.02.1	Complex Problem Solving	1.88	0.35	0.13	1.75	0.71	0.25
00904.02.1	Operations Analysis	1.13	0.35	0.13	0.13	0.35	0.13
00904.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
00904.02.1	Equipment Selection	1.38	0.52	0.18	0.50	0.76	0.27
00904.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00904.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
00904.02.1	Quality Control Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00904.02.1	Operations Monitoring	2.25	0.46	0.16	2.00	0.00	0.00
00904.02.1	Operation and Control	2.13	0.35	0.13	2.13	0.35	0.13
00904.02.1	Equipment Maintenance	1.38	0.52	0.18	0.75	1.04	0.37
00904.02.1	Troubleshooting	2.13	0.35	0.13	1.38	0.52	0.18
00904.02.1	Repairing	1.38	0.52	0.18	0.75	1.04	0.37
00904.02.1	Systems Analysis	1.88	0.35	0.13	1.13	0.64	0.23
00904.02.1	Systems Evaluation	1.88	0.35	0.13	1.13	0.64	0.23
00904.02.1	Judg. and Dec. Making	2.00	0.00	0.00	1.75	0.46	0.16
00904.02.1	Time Management	2.00	0.00	0.00	1.88	0.35	0.13
00904.02.1	M. of Financial Resources	1.50	0.53	0.19	0.50	0.53	0.19
00904.02.1	M. of Material Resources	1.63	0.52	0.18	0.63	0.52	0.18
00904.02.1	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 $SE_M > 0.51$

Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01016.02.1	Reading Comprehension	3.13	0.35	0.13	2.88	0.35	0.13
01016.02.1	Active Listening	3.13	0.35	0.13	2.88	0.35	0.13
01016.02.1	Writing	2.88	0.35	0.13	2.88	0.35	0.13
01016.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
01016.02.1	Mathematics	1.50	0.53	0.19	0.75	0.89	0.31
01016.02.1	Science	1.75	0.46	0.16	0.88	0.64	0.23
01016.02.1	Critical Thinking	3.13	0.35	0.13	3.00	0.00	0.00
01016.02.1	Active Learning	2.50	0.53	0.19	2.63	0.52	0.18
01016.02.1	Learning Strategies	2.50	0.53	0.19	2.50	0.53	0.19
01016.02.1	Monitoring	3.50	0.53	0.19	3.00	0.00	0.00
01016.02.1	Social Perceptiveness	3.00	0.00	0.00	2.13	0.35	0.13
01016.02.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01016.02.1	Persuasion	2.50	0.53	0.19	2.25	0.46	0.16
01016.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01016.02.1	Instructing	2.63	0.52	0.18	2.63	0.52	0.18
01016.02.1	Service Orientation	2.63	0.52	0.18	2.13	0.35	0.13
01016.02.1	Complex Problem Solving	3.00	0.00	0.00	2.75	0.46	0.16
01016.02.1	Operations Analysis	1.88	0.35	0.13	1.50	0.76	0.27
01016.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01016.02.1	Equipment Selection	2.13	0.35	0.13	2.00	0.00	0.00
01016.02.1	Installation	1.63	0.52	0.18	0.63	0.52	0.18
01016.02.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01016.02.1	Quality Control Analysis	3.13	0.35	0.13	2.88	0.35	0.13
01016.02.1	Operations Monitoring	3.63	0.52	0.18	3.63	0.52	0.18
01016.02.1	Operation and Control	3.13	0.64	0.23	3.13	0.35	0.13
01016.02.1	Equipment Maintenance	2.13	0.35	0.13	2.25	0.46	0.16
01016.02.1	Troubleshooting	2.25	0.46	0.16	2.25	0.46	0.16
01016.02.1	Repairing	2.13	0.35	0.13	2.00	0.00	0.00
01016.02.1	Systems Analysis	2.25	0.46	0.16	1.63	0.74	0.26
01016.02.1	Systems Evaluation	2.00	0.00	0.00	1.50	0.53	0.19
01016.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.63	0.52	0.18
01016.02.1	Time Management	2.88	0.35	0.13	2.13	0.35	0.13
01016.02.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01016.02.1	M. of Material Resources	1.38	0.52	0.18	0.50	0.76	0.27
01016.02.1	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 $SE_M > 0.51$

Patternmakers, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00853.02.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
00853.02.1	Active Listening	3.00	0.00	0.00	2.88	0.35	0.13
00853.02.1	Writing	2.25	0.46	0.16	2.13	0.35	0.13
00853.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
00853.02.1	Mathematics	2.38	0.52	0.18	2.38	0.52	0.18
00853.02.1	Science	1.50	0.53	0.19	0.50	0.53	0.19
00853.02.1	Critical Thinking	3.00	0.00	0.00	3.00	0.00	0.00
00853.02.1	Active Learning	2.63	0.52	0.18	2.25	0.46	0.16
00853.02.1	Learning Strategies	2.13	0.35	0.13	2.00	0.00	0.00
00853.02.1	Monitoring	3.00	0.00	0.00	3.13	0.35	0.13
00853.02.1	Social Perceptiveness	2.63	0.52	0.18	2.50	0.76	0.27
00853.02.1	Coordination	2.63	0.74	0.26	2.63	1.06	0.38
00853.02.1	Persuasion	2.00	0.53	0.19	1.75	0.89	0.31
00853.02.1	Negotiation	2.00	0.53	0.19	1.75	0.89	0.31
00853.02.1	Instructing	2.38	0.52	0.18	2.25	0.46	0.16
00853.02.1	Service Orientation	2.00	0.53	0.19	1.75	0.89	0.31
00853.02.1	Complex Problem Solving	3.00	0.53	0.19	2.75	0.46	0.16
00853.02.1	Operations Analysis	2.38	0.52	0.18	2.38	0.52	0.18
00853.02.1	Technology Design	2.00	0.53	0.19	1.75	0.89	0.31
00853.02.1	Equipment Selection	2.38	0.52	0.18	1.88	0.64	0.23
00853.02.1	Installation	1.38	0.52	0.18	0.50	0.76	0.27
00853.02.1	Programming	2.13	0.64	0.23	1.25	0.89	0.31
00853.02.1	Quality Control Analysis	3.13	0.35	0.13	3.25	0.46	0.16
00853.02.1	Operations Monitoring	3.38	0.52	0.18	3.13	0.35	0.13
00853.02.1	Operation and Control	3.13	0.35	0.13	3.00	0.00	0.00
00853.02.1	Equipment Maintenance	2.38	0.52	0.18	2.13	0.64	0.23
00853.02.1	Troubleshooting	2.25	0.46	0.16	2.00	0.53	0.19
00853.02.1	Repairing	2.13	0.35	0.13	1.88	0.35	0.13
00853.02.1	Systems Analysis	2.13	0.35	0.13	2.00	0.53	0.19
00853.02.1	Systems Evaluation	2.13	0.35	0.13	2.13	0.35	0.13
00853.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.50	0.53	0.19
00853.02.1	Time Management	2.88	0.35	0.13	2.50	0.53	0.19
00853.02.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
00853.02.1	M. of Material Resources	1.38	0.52	0.18	0.38	0.52	0.18
00853.02.1	M. of Personnel Resources	2.00	0.53	0.19	1.75	0.89	0.31

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

Pressers, Textile, Garment, and Related Materials

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01449.02.1	Reading Comprehension	2.00	0.53	0.19	1.75	0.89	0.31
01449.02.1	Active Listening	2.00	0.00	0.00	2.00	0.53	0.19
01449.02.1	Writing	1.75	0.46	0.16	1.50	0.93	0.33
01449.02.1	Speaking	2.13	0.35	0.13	2.00	0.53	0.19
01449.02.1	Mathematics	1.63	0.52	0.18	0.75	0.71	0.25
01449.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01449.02.1	Critical Thinking	2.50	0.53	0.19	2.25	0.71	0.25
01449.02.1	Active Learning	2.13	0.35	0.13	1.50	0.53	0.19
01449.02.1	Learning Strategies	1.75	0.46	0.16	1.00	0.76	0.27
01449.02.1	Monitoring	2.38	0.52	0.18	2.13	0.64	0.23
01449.02.1	Social Perceptiveness	2.00	0.53	0.19	1.75	0.71	0.25
01449.02.1	Coordination	2.00	0.53	0.19	1.75	0.71	0.25
01449.02.1	Persuasion	1.75	0.46	0.16	1.25	0.89	0.31
01449.02.1	Negotiation	1.75	0.46	0.16	1.13	0.83	0.30
01449.02.1	Instructing	1.25	0.46	0.16	0.38	0.74	0.26
01449.02.1	Service Orientation	1.88	0.35	0.13	1.50	0.76	0.27
01449.02.1	Complex Problem Solving	2.25	0.71	0.25	1.75	0.71	0.25
01449.02.1	Operations Analysis	1.50	0.53	0.19	0.50	0.53	0.19
01449.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01449.02.1	Equipment Selection	2.00	0.53	0.19	1.13	0.64	0.23
01449.02.1	Installation	1.25	0.46	0.16	0.25	0.46	0.16
01449.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01449.02.1	Quality Control Analysis	2.13	0.35	0.13	1.88	0.35	0.13
01449.02.1	Operations Monitoring	2.50	0.53	0.19	2.13	0.64	0.23
01449.02.1	Operation and Control	3.00	0.53	0.19	2.25	0.46	0.16
01449.02.1	Equipment Maintenance	2.25	0.46	0.16	1.38	0.52	0.18
01449.02.1	Troubleshooting	2.25	0.46	0.16	1.75	0.46	0.16
01449.02.1	Repairing	1.75	0.46	0.16	1.00	0.76	0.27
01449.02.1	Systems Analysis	1.63	0.52	0.18	0.88	0.83	0.30
01449.02.1	Systems Evaluation	1.88	0.35	0.13	1.25	0.71	0.25
01449.02.1	Judg. and Dec. Making	2.13	0.35	0.13	2.13	0.35	0.13
01449.02.1	Time Management	2.50	0.53	0.19	2.00	0.53	0.19
01449.02.1	M. of Financial Resources	1.50	0.53	0.19	0.50	0.53	0.19
01449.02.1	M. of Material Resources	1.50	0.53	0.19	0.50	0.53	0.19
01449.02.1	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 $SE_M > 0.51$

Sewing Machine Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01450.02.1	Reading Comprehension	2.63	0.52	0.18	2.13	0.35	0.13
01450.02.1	Active Listening	2.75	0.46	0.16	2.13	0.35	0.13
01450.02.1	Writing	2.00	0.00	0.00	2.00	0.00	0.00
01450.02.1	Speaking	2.13	0.35	0.13	1.88	0.35	0.13
01450.02.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
01450.02.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01450.02.1	Critical Thinking	2.75	0.46	0.16	2.13	0.64	0.23
01450.02.1	Active Learning	2.13	0.35	0.13	1.88	0.35	0.13
01450.02.1	Learning Strategies	2.13	0.35	0.13	2.00	0.00	0.00
01450.02.1	Monitoring	3.13	0.35	0.13	2.50	0.53	0.19
01450.02.1	Social Perceptiveness	2.38	0.74	0.26	1.88	0.83	0.30
01450.02.1	Coordination	2.50	0.76	0.27	1.75	0.71	0.25
01450.02.1	Persuasion	1.75	0.46	0.16	1.50	0.93	0.33
01450.02.1	Negotiation	1.75	0.46	0.16	1.50	0.93	0.33
01450.02.1	Instructing	2.00	0.00	0.00	1.88	0.35	0.13
01450.02.1	Service Orientation	1.75	0.46	0.16	1.50	0.93	0.33
01450.02.1	Complex Problem Solving	2.75	0.71	0.25	2.13	1.13	0.40
01450.02.1	Operations Analysis	1.63	0.52	0.18	0.63	0.52	0.18
01450.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
01450.02.1	Equipment Selection	1.50	0.53	0.19	0.75	0.89	0.31
01450.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01450.02.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01450.02.1	Quality Control Analysis	2.75	0.46	0.16	2.63	0.52	0.18
01450.02.1	Operations Monitoring	2.75	0.46	0.16	2.13	0.64	0.23
01450.02.1	Operation and Control	2.63	0.52	0.18	2.25	0.46	0.16
01450.02.1	Equipment Maintenance	2.00	0.53	0.19	1.25	0.71	0.25
01450.02.1	Troubleshooting	2.13	0.35	0.13	2.00	0.00	0.00
01450.02.1	Repairing	1.88	0.64	0.23	1.00	0.76	0.27
01450.02.1	Systems Analysis	1.88	0.35	0.13	1.63	0.74	0.26
01450.02.1	Systems Evaluation	1.88	0.35	0.13	1.13	0.64	0.23
01450.02.1	Judg. and Dec. Making	2.75	0.46	0.16	2.00	0.53	0.19
01450.02.1	Time Management	2.75	0.46	0.16	2.13	0.35	0.13
01450.02.1	M. of Financial Resources	1.75	0.46	0.16	0.88	0.64	0.23
01450.02.1	M. of Material Resources	1.75	0.46	0.16	0.75	0.46	0.16
01450.02.1	M. of Personnel Resources	1.75	0.46	0.16	1.50	0.93	0.33

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

Furniture Finishers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00870.02.1	Reading Comprehension	2.75	0.71	0.25	2.75	0.46	0.16
00870.02.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
00870.02.1	Writing	2.38	0.52	0.18	2.25	0.46	0.16
00870.02.1	Speaking	3.00	0.53	0.19	2.38	0.52	0.18
00870.02.1	Mathematics	2.00	0.00	0.00	1.75	0.46	0.16
00870.02.1	Science	1.13	0.35	0.13	0.13	0.35	0.13
00870.02.1	Critical Thinking	3.13	0.35	0.13	3.13	0.35	0.13
00870.02.1	Active Learning	2.75	0.46	0.16	2.75	0.46	0.16
00870.02.1	Learning Strategies	2.50	0.53	0.19	2.25	0.46	0.16
00870.02.1	Monitoring	3.13	0.35	0.13	2.88	0.35	0.13
00870.02.1	Social Perceptiveness	2.75	0.46	0.16	2.63	0.52	0.18
00870.02.1	Coordination	2.88	0.35	0.13	2.75	0.46	0.16
00870.02.1	Persuasion	2.50	0.53	0.19	2.00	0.00	0.00
00870.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
00870.02.1	Instructing	2.75	0.46	0.16	2.63	0.52	0.18
00870.02.1	Service Orientation	2.88	0.35	0.13	2.63	0.52	0.18
00870.02.1	Complex Problem Solving	2.88	0.35	0.13	2.75	0.46	0.16
00870.02.1	Operations Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00870.02.1	Technology Design	1.50	0.53	0.19	0.75	0.89	0.31
00870.02.1	Equipment Selection	2.38	0.52	0.18	2.25	0.71	0.25
00870.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00870.02.1	Programming	1.13	0.35	0.13	0.13	0.35	0.13
00870.02.1	Quality Control Analysis	2.88	0.35	0.13	2.88	0.35	0.13
00870.02.1	Operations Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
00870.02.1	Operation and Control	2.75	0.46	0.16	2.63	0.52	0.18
00870.02.1	Equipment Maintenance	2.25	0.46	0.16	2.00	0.00	0.00
00870.02.1	Troubleshooting	2.50	0.53	0.19	2.25	0.46	0.16
00870.02.1	Repairing	2.38	0.52	0.18	2.13	0.35	0.13
00870.02.1	Systems Analysis	2.13	0.35	0.13	2.00	0.00	0.00
00870.02.1	Systems Evaluation	2.13	0.35	0.13	2.00	0.00	0.00
00870.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.75	0.46	0.16
00870.02.1	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
00870.02.1	M. of Financial Resources	1.88	0.35	0.13	1.25	0.71	0.25
00870.02.1	M. of Material Resources	2.13	0.35	0.13	1.88	0.35	0.13
00870.02.1	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 $SE_M > 0.51$

Packaging and Filling Machine Operators and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01036.03.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
01036.03.1	Active Listening	3.00	0.00	0.00	2.75	0.46	0.16
01036.03.1	Writing	2.63	0.52	0.18	2.25	0.46	0.16
01036.03.1	Speaking	2.75	0.46	0.16	2.25	0.46	0.16
01036.03.1	Mathematics	2.13	0.35	0.13	2.00	0.00	0.00
01036.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01036.03.1	Critical Thinking	2.88	0.35	0.13	2.25	0.46	0.16
01036.03.1	Active Learning	2.38	0.52	0.18	2.13	0.35	0.13
01036.03.1	Learning Strategies	2.13	0.35	0.13	2.25	0.46	0.16
01036.03.1	Monitoring	3.13	0.35	0.13	2.88	0.35	0.13
01036.03.1	Social Perceptiveness	2.88	0.35	0.13	2.63	0.52	0.18
01036.03.1	Coordination	3.00	0.00	0.00	3.00	0.00	0.00
01036.03.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
01036.03.1	Negotiation	2.25	0.46	0.16	2.00	0.00	0.00
01036.03.1	Instructing	2.63	0.52	0.18	2.25	0.46	0.16
01036.03.1	Service Orientation	2.38	0.52	0.18	2.13	0.35	0.13
01036.03.1	Complex Problem Solving	2.75	0.46	0.16	2.13	0.35	0.13
01036.03.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
01036.03.1	Technology Design	1.38	0.52	0.18	0.38	0.52	0.18
01036.03.1	Equipment Selection	2.00	0.00	0.00	1.75	0.46	0.16
01036.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01036.03.1	Programming	1.13	0.35	0.13	0.13	0.35	0.13
01036.03.1	Quality Control Analysis	2.88	0.64	0.23	2.63	0.52	0.18
01036.03.1	Operations Monitoring	3.25	0.46	0.16	3.25	0.46	0.16
01036.03.1	Operation and Control	3.00	0.53	0.19	2.88	0.35	0.13
01036.03.1	Equipment Maintenance	2.88	0.64	0.23	2.63	0.52	0.18
01036.03.1	Troubleshooting	2.75	0.71	0.25	2.63	0.52	0.18
01036.03.1	Repairing	2.38	0.74	0.26	2.25	0.46	0.16
01036.03.1	Systems Analysis	2.13	0.35	0.13	2.00	0.00	0.00
01036.03.1	Systems Evaluation	2.13	0.35	0.13	2.00	0.00	0.00
01036.03.1	Judg. and Dec. Making	2.75	0.46	0.16	2.13	0.35	0.13
01036.03.1	Time Management	2.88	0.35	0.13	2.38	0.52	0.18
01036.03.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01036.03.1	M. of Material Resources	1.25	0.46	0.16	0.25	0.46	0.16
01036.03.1	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 $SE_M > 0.51$

Coating, Painting, and Spraying Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01475.02.1	Reading Comprehension	2.88	0.35	0.13	2.75	0.46	0.16
01475.02.1	Active Listening	2.88	0.35	0.13	2.25	0.46	0.16
01475.02.1	Writing	2.63	0.52	0.18	2.25	0.46	0.16
01475.02.1	Speaking	2.88	0.35	0.13	2.13	0.35	0.13
01475.02.1	Mathematics	2.00	0.00	0.00	2.00	0.00	0.00
01475.02.1	Science	1.13	0.35	0.13	0.25	0.71	0.25
01475.02.1	Critical Thinking	3.00	0.00	0.00	2.75	0.46	0.16
01475.02.1	Active Learning	2.75	0.46	0.16	2.13	0.35	0.13
01475.02.1	Learning Strategies	2.63	0.52	0.18	2.50	0.53	0.19
01475.02.1	Monitoring	3.00	0.00	0.00	3.00	0.00	0.00
01475.02.1	Social Perceptiveness	2.75	0.46	0.16	2.13	0.35	0.13
01475.02.1	Coordination	2.75	0.46	0.16	2.75	0.46	0.16
01475.02.1	Persuasion	2.13	0.35	0.13	2.13	0.35	0.13
01475.02.1	Negotiation	2.13	0.35	0.13	1.88	0.64	0.23
01475.02.1	Instructing	2.25	0.46	0.16	2.38	0.52	0.18
01475.02.1	Service Orientation	2.13	0.35	0.13	2.25	0.46	0.16
01475.02.1	Complex Problem Solving	3.00	0.00	0.00	2.63	0.52	0.18
01475.02.1	Operations Analysis	1.63	0.52	0.18	0.63	0.52	0.18
01475.02.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01475.02.1	Equipment Selection	2.88	0.35	0.13	2.63	0.52	0.18
01475.02.1	Installation	1.25	0.46	0.16	0.38	0.74	0.26
01475.02.1	Programming	1.38	0.52	0.18	0.63	0.92	0.32
01475.02.1	Quality Control Analysis	3.38	0.74	0.26	3.63	0.52	0.18
01475.02.1	Operations Monitoring	3.75	0.46	0.16	3.75	0.46	0.16
01475.02.1	Operation and Control	2.75	0.46	0.16	3.38	0.74	0.26
01475.02.1	Equipment Maintenance	2.88	0.35	0.13	2.88	0.35	0.13
01475.02.1	Troubleshooting	2.88	0.35	0.13	3.00	0.00	0.00
01475.02.1	Repairing	2.88	0.35	0.13	2.88	0.35	0.13
01475.02.1	Systems Analysis	2.25	0.46	0.16	2.00	0.00	0.00
01475.02.1	Systems Evaluation	2.00	0.00	0.00	2.00	0.00	0.00
01475.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.38	0.52	0.18
01475.02.1	Time Management	2.88	0.35	0.13	2.63	0.52	0.18
01475.02.1	M. of Financial Resources	1.88	0.35	0.13	1.00	0.53	0.19
01475.02.1	M. of Material Resources	2.00	0.00	0.00	1.13	0.35	0.13
01475.02.1	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 $SE_M > 0.51$

Photographic Process Workers and Processing Machine Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01712.01.2	Reading Comprehension	3.25	0.46	0.16	3.25	0.46	0.16
01712.01.2	Active Listening	3.38	0.52	0.18	3.38	0.74	0.26
01712.01.2	Writing	2.75	0.46	0.16	2.88	0.35	0.13
01712.01.2	Speaking	3.25	0.46	0.16	3.00	0.53	0.19
01712.01.2	Mathematics	2.00	0.00	0.00	2.25	0.71	0.25
01712.01.2	Science	1.63	0.74	0.26	1.00	1.07	0.38
01712.01.2	Critical Thinking	3.13	0.35	0.13	3.13	0.35	0.13
01712.01.2	Active Learning	2.88	0.64	0.23	2.88	0.35	0.13
01712.01.2	Learning Strategies	2.50	0.53	0.19	2.88	0.35	0.13
01712.01.2	Monitoring	3.13	0.35	0.13	3.25	0.46	0.16
01712.01.2	Social Perceptiveness	2.88	0.35	0.13	3.00	0.76	0.27
01712.01.2	Coordination	2.75	0.46	0.16	2.88	0.64	0.23
01712.01.2	Persuasion	2.88	0.35	0.13	2.75	0.71	0.25
01712.01.2	Negotiation	2.88	0.35	0.13	2.63	0.52	0.18
01712.01.2	Instructing	2.75	0.46	0.16	2.75	0.46	0.16
01712.01.2	Service Orientation	3.25	0.46	0.16	3.00	0.53	0.19
01712.01.2	Complex Problem Solving	3.13	0.35	0.13	2.75	0.46	0.16
01712.01.2	Operations Analysis	1.50	0.53	0.19	1.25	1.39	0.49
01712.01.2	Technology Design	2.00	0.76	0.27	1.50	1.20	0.42
01712.01.2	Equipment Selection	2.75	0.46	0.16	2.63	0.52	0.18
01712.01.2	Installation	1.38	0.74	0.26	0.63	1.19	0.42
01712.01.2	Programming	2.38	0.92	0.32	1.63	0.92	0.32
01712.01.2	Quality Control Analysis	3.38	0.92	0.32	2.75	0.89	0.31
01712.01.2	Operations Monitoring	3.50	0.76	0.27	3.13	0.83	0.30
01712.01.2	Operation and Control	3.13	0.99	0.35	2.88	1.13	0.40
01712.01.2	Equipment Maintenance	2.75	1.04	0.37	2.50	1.31	0.46
01712.01.2	Troubleshooting	2.88	0.83	0.30	2.50	0.53	0.19
01712.01.2	Repairing	2.38	0.92	0.32	2.25	1.16	0.41
01712.01.2	Systems Analysis	2.75	0.71	0.25	2.75	0.46	0.16
01712.01.2	Systems Evaluation	2.50	0.53	0.19	2.75	0.46	0.16
01712.01.2	Judg. and Dec. Making	3.00	0.53	0.19	2.75	0.46	0.16
01712.01.2	Time Management	3.00	0.00	0.00	2.88	0.35	0.13
01712.01.2	M. of Financial Resources	2.00	0.53	0.19	1.75	0.89	0.31
01712.01.2	M. of Material Resources	2.13	0.64	0.23	1.88	0.99	0.35
01712.01.2	M. of Personnel Resources	2.25	0.46	0.16	2.13	0.64	0.23

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

Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01031.02.1	Reading Comprehension	2.75	0.46	0.16	2.25	0.46	0.16
01031.02.1	Active Listening	2.88	0.35	0.13	2.38	0.52	0.18
01031.02.1	Writing	2.25	0.46	0.16	2.38	0.52	0.18
01031.02.1	Speaking	2.88	0.35	0.13	2.25	0.46	0.16
01031.02.1	Mathematics	2.00	0.00	0.00	1.13	0.35	0.13
01031.02.1	Science	1.50	0.53	0.19	0.63	0.74	0.26
01031.02.1	Critical Thinking	2.88	0.35	0.13	2.13	0.35	0.13
01031.02.1	Active Learning	2.13	0.35	0.13	2.13	0.35	0.13
01031.02.1	Learning Strategies	2.25	0.46	0.16	2.13	0.35	0.13
01031.02.1	Monitoring	2.88	0.35	0.13	3.00	0.00	0.00
01031.02.1	Social Perceptiveness	2.75	0.46	0.16	2.13	0.35	0.13
01031.02.1	Coordination	2.75	0.46	0.16	2.13	0.35	0.13
01031.02.1	Persuasion	2.00	0.00	0.00	2.00	0.53	0.19
01031.02.1	Negotiation	2.00	0.00	0.00	2.00	0.53	0.19
01031.02.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
01031.02.1	Service Orientation	2.13	0.35	0.13	2.00	0.53	0.19
01031.02.1	Complex Problem Solving	2.50	0.53	0.19	2.13	0.35	0.13
01031.02.1	Operations Analysis	1.38	0.52	0.18	0.38	0.52	0.18
01031.02.1	Technology Design	1.00	0.00	0.00	0.00	0.00	0.00
01031.02.1	Equipment Selection	1.88	0.35	0.13	1.25	0.71	0.25
01031.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01031.02.1	Programming	1.13	0.35	0.13	0.13	0.35	0.13
01031.02.1	Quality Control Analysis	2.50	0.53	0.19	2.25	0.46	0.16
01031.02.1	Operations Monitoring	3.13	0.35	0.13	2.88	0.35	0.13
01031.02.1	Operation and Control	3.25	0.46	0.16	3.00	0.00	0.00
01031.02.1	Equipment Maintenance	2.25	0.46	0.16	1.75	0.46	0.16
01031.02.1	Troubleshooting	2.25	0.46	0.16	2.13	0.35	0.13
01031.02.1	Repairing	1.75	0.71	0.25	1.13	0.99	0.35
01031.02.1	Systems Analysis	2.00	0.00	0.00	1.50	0.53	0.19
01031.02.1	Systems Evaluation	2.00	0.00	0.00	1.88	0.35	0.13
01031.02.1	Judg. and Dec. Making	2.63	0.52	0.18	2.13	0.35	0.13
01031.02.1	Time Management	2.88	0.35	0.13	2.50	0.53	0.19
01031.02.1	M. of Financial Resources	1.25	0.46	0.16	0.25	0.46	0.16
01031.02.1	M. of Material Resources	1.38	0.52	0.18	0.38	0.52	0.18
01031.02.1	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 $SE_M > 0.51$

Cooling and Freezing Equipment Operators and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01019.02.1	Reading Comprehension	3.00	0.00	0.00	3.00	0.00	0.00
01019.02.1	Active Listening	3.00	0.00	0.00	3.00	0.53	0.19
01019.02.1	Writing	2.88	0.35	0.13	2.88	0.35	0.13
01019.02.1	Speaking	3.13	0.35	0.13	2.88	0.35	0.13
01019.02.1	Mathematics	2.38	0.52	0.18	2.38	0.52	0.18
01019.02.1	Science	1.75	0.46	0.16	0.88	0.64	0.23
01019.02.1	Critical Thinking	3.63	0.52	0.18	3.25	0.46	0.16
01019.02.1	Active Learning	3.00	0.00	0.00	3.13	0.35	0.13
01019.02.1	Learning Strategies	2.50	0.53	0.19	2.38	0.52	0.18
01019.02.1	Monitoring	3.50	0.53	0.19	3.38	0.52	0.18
01019.02.1	Social Perceptiveness	2.75	0.46	0.16	2.38	0.52	0.18
01019.02.1	Coordination	2.88	0.35	0.13	2.88	0.35	0.13
01019.02.1	Persuasion	2.50	0.76	0.27	2.00	1.07	0.38
01019.02.1	Negotiation	2.38	0.52	0.18	2.00	0.53	0.19
01019.02.1	Instructing	2.75	0.46	0.16	2.75	0.46	0.16
01019.02.1	Service Orientation	2.38	0.52	0.18	2.13	0.35	0.13
01019.02.1	Complex Problem Solving	3.50	0.53	0.19	3.00	0.00	0.00
01019.02.1	Operations Analysis	1.88	0.35	0.13	1.50	0.76	0.27
01019.02.1	Technology Design	1.63	0.52	0.18	0.63	0.52	0.18
01019.02.1	Equipment Selection	2.75	0.46	0.16	2.75	0.46	0.16
01019.02.1	Installation	1.50	0.53	0.19	0.50	0.53	0.19
01019.02.1	Programming	1.75	0.46	0.16	0.75	0.46	0.16
01019.02.1	Quality Control Analysis	3.13	0.35	0.13	3.13	0.35	0.13
01019.02.1	Operations Monitoring	3.88	0.35	0.13	3.88	0.35	0.13
01019.02.1	Operation and Control	3.75	0.46	0.16	3.63	0.52	0.18
01019.02.1	Equipment Maintenance	3.13	0.35	0.13	3.00	0.53	0.19
01019.02.1	Troubleshooting	3.13	0.35	0.13	3.13	0.35	0.13
01019.02.1	Repairing	3.13	0.35	0.13	3.00	0.53	0.19
01019.02.1	Systems Analysis	2.38	0.52	0.18	2.25	0.46	0.16
01019.02.1	Systems Evaluation	2.25	0.46	0.16	2.38	0.52	0.18
01019.02.1	Judg. and Dec. Making	3.13	0.35	0.13	3.00	0.00	0.00
01019.02.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01019.02.1	M. of Financial Resources	1.75	0.46	0.16	1.25	0.89	0.31
01019.02.1	M. of Material Resources	1.88	0.35	0.13	1.63	0.74	0.26
01019.02.1	M. of Personnel Resources	2.75	0.46	0.16	2.50	0.53	0.19

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

Etchers and Engravers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01477.02.1	Reading Comprehension	3.13	0.35	0.13	2.88	0.35	0.13
01477.02.1	Active Listening	3.00	0.00	0.00	3.00	0.00	0.00
01477.02.1	Writing	2.25	0.46	0.16	2.25	0.46	0.16
01477.02.1	Speaking	3.00	0.00	0.00	2.63	0.52	0.18
01477.02.1	Mathematics	2.00	0.00	0.00	1.75	0.46	0.16
01477.02.1	Science	1.13	0.35	0.13	0.25	0.71	0.25
01477.02.1	Critical Thinking	3.00	0.00	0.00	3.13	0.35	0.13
01477.02.1	Active Learning	2.38	0.52	0.18	2.25	0.46	0.16
01477.02.1	Learning Strategies	2.25	0.46	0.16	2.00	0.00	0.00
01477.02.1	Monitoring	3.13	0.35	0.13	2.88	0.35	0.13
01477.02.1	Social Perceptiveness	2.75	0.46	0.16	2.25	0.46	0.16
01477.02.1	Coordination	2.50	0.53	0.19	2.13	0.35	0.13
01477.02.1	Persuasion	2.13	0.35	0.13	2.00	0.53	0.19
01477.02.1	Negotiation	2.00	0.00	0.00	1.75	0.71	0.25
01477.02.1	Instructing	2.25	0.46	0.16	2.13	0.35	0.13
01477.02.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01477.02.1	Complex Problem Solving	2.63	0.52	0.18	2.25	0.46	0.16
01477.02.1	Operations Analysis	1.88	0.35	0.13	1.63	0.74	0.26
01477.02.1	Technology Design	2.13	0.35	0.13	1.50	0.53	0.19
01477.02.1	Equipment Selection	2.25	0.46	0.16	2.25	0.46	0.16
01477.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01477.02.1	Programming	1.63	0.52	0.18	0.63	0.52	0.18
01477.02.1	Quality Control Analysis	3.00	0.53	0.19	2.88	0.64	0.23
01477.02.1	Operations Monitoring	3.13	0.35	0.13	3.00	0.53	0.19
01477.02.1	Operation and Control	3.00	0.53	0.19	2.88	0.64	0.23
01477.02.1	Equipment Maintenance	2.63	0.52	0.18	2.13	0.35	0.13
01477.02.1	Troubleshooting	2.63	0.52	0.18	2.38	0.52	0.18
01477.02.1	Repairing	2.13	0.35	0.13	1.38	0.52	0.18
01477.02.1	Systems Analysis	2.00	0.00	0.00	1.63	0.74	0.26
01477.02.1	Systems Evaluation	2.00	0.53	0.19	1.13	0.64	0.23
01477.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.63	0.52	0.18
01477.02.1	Time Management	2.75	0.46	0.16	2.75	0.46	0.16
01477.02.1	M. of Financial Resources	1.88	0.64	0.23	1.00	0.93	0.33
01477.02.1	M. of Material Resources	1.88	0.35	0.13	0.88	0.35	0.13
01477.02.1	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 $SE_M > 0.51$

Ambulance Drivers and Attendants, Except Emergency Medical Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00591.02.1	Reading Comprehension	3.13	0.35	0.13	3.13	0.35	0.13
00591.02.1	Active Listening	3.38	0.52	0.18	3.13	0.35	0.13
00591.02.1	Writing	2.88	0.35	0.13	2.88	0.35	0.13
00591.02.1	Speaking	3.13	0.35	0.13	3.00	0.00	0.00
00591.02.1	Mathematics	2.00	0.00	0.00	1.63	0.52	0.18
00591.02.1	Science	1.63	0.52	0.18	0.63	0.52	0.18
00591.02.1	Critical Thinking	3.50	0.53	0.19	3.00	0.00	0.00
00591.02.1	Active Learning	3.13	0.35	0.13	3.00	0.53	0.19
00591.02.1	Learning Strategies	2.38	0.52	0.18	2.13	0.35	0.13
00591.02.1	Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
00591.02.1	Social Perceptiveness	3.13	0.35	0.13	3.13	0.35	0.13
00591.02.1	Coordination	2.88	0.35	0.13	3.00	0.00	0.00
00591.02.1	Persuasion	2.75	0.46	0.16	2.63	0.52	0.18
00591.02.1	Negotiation	2.75	0.46	0.16	2.63	0.52	0.18
00591.02.1	Instructing	3.00	0.00	0.00	3.00	0.00	0.00
00591.02.1	Service Orientation	3.50	0.53	0.19	3.13	0.35	0.13
00591.02.1	Complex Problem Solving	2.88	0.35	0.13	2.75	0.46	0.16
00591.02.1	Operations Analysis	1.75	0.46	0.16	1.25	0.89	0.31
00591.02.1	Technology Design	1.38	0.52	0.18	0.50	0.76	0.27
00591.02.1	Equipment Selection	2.00	0.53	0.19	1.00	0.53	0.19
00591.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
00591.02.1	Programming	1.13	0.35	0.13	0.13	0.35	0.13
00591.02.1	Quality Control Analysis	2.00	0.53	0.19	1.13	0.64	0.23
00591.02.1	Operations Monitoring	2.75	0.46	0.16	2.63	0.52	0.18
00591.02.1	Operation and Control	3.00	0.53	0.19	2.88	0.35	0.13
00591.02.1	Equipment Maintenance	2.25	0.46	0.16	1.63	0.52	0.18
00591.02.1	Troubleshooting	2.38	0.52	0.18	1.50	0.53	0.19
00591.02.1	Repairing	2.13	0.35	0.13	1.25	0.46	0.16
00591.02.1	Systems Analysis	2.00	0.00	0.00	2.00	0.00	0.00
00591.02.1	Systems Evaluation	1.88	0.35	0.13	1.75	0.71	0.25
00591.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.88	0.35	0.13
00591.02.1	Time Management	2.88	0.35	0.13	2.63	0.52	0.18
00591.02.1	M. of Financial Resources	1.38	0.52	0.18	0.50	0.76	0.27
00591.02.1	M. of Material Resources	2.13	0.35	0.13	1.25	0.46	0.16
00591.02.1	M. of Personnel Resources	2.25	0.71	0.25	1.88	0.83	0.30

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

Taxi Drivers and Chauffeurs

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01103.03.1	Reading Comprehension	2.88	0.35	0.13	2.75	0.46	0.16
01103.03.1	Active Listening	3.38	0.52	0.18	3.00	0.00	0.00
01103.03.1	Writing	2.75	0.46	0.16	2.38	0.52	0.18
01103.03.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01103.03.1	Mathematics	2.38	0.52	0.18	2.00	0.53	0.19
01103.03.1	Science	1.00	0.00	0.00	0.00	0.00	0.00
01103.03.1	Critical Thinking	2.75	0.46	0.16	2.75	0.46	0.16
01103.03.1	Active Learning	2.75	0.46	0.16	2.13	0.35	0.13
01103.03.1	Learning Strategies	2.13	0.35	0.13	2.00	0.00	0.00
01103.03.1	Monitoring	3.00	0.00	0.00	2.75	0.46	0.16
01103.03.1	Social Perceptiveness	3.00	0.00	0.00	2.88	0.35	0.13
01103.03.1	Coordination	2.88	0.35	0.13	2.75	0.46	0.16
01103.03.1	Persuasion	2.63	0.52	0.18	2.13	0.35	0.13
01103.03.1	Negotiation	2.50	0.53	0.19	2.13	0.35	0.13
01103.03.1	Instructing	2.13	0.35	0.13	2.00	0.00	0.00
01103.03.1	Service Orientation	3.00	0.00	0.00	3.00	0.00	0.00
01103.03.1	Complex Problem Solving	2.75	0.46	0.16	2.13	0.35	0.13
01103.03.1	Operations Analysis	1.25	0.46	0.16	0.25	0.46	0.16
01103.03.1	Technology Design	1.50	0.53	0.19	0.50	0.53	0.19
01103.03.1	Equipment Selection	1.50	0.53	0.19	0.75	0.89	0.31
01103.03.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01103.03.1	Programming	1.00	0.00	0.00	0.00	0.00	0.00
01103.03.1	Quality Control Analysis	2.00	0.00	0.00	2.00	0.00	0.00
01103.03.1	Operations Monitoring	3.00	0.00	0.00	2.88	0.35	0.13
01103.03.1	Operation and Control	3.13	0.35	0.13	3.00	0.00	0.00
01103.03.1	Equipment Maintenance	2.25	0.46	0.16	1.38	0.52	0.18
01103.03.1	Troubleshooting	2.25	0.46	0.16	2.00	0.00	0.00
01103.03.1	Repairing	2.00	0.00	0.00	1.50	0.53	0.19
01103.03.1	Systems Analysis	2.00	0.00	0.00	1.75	0.46	0.16
01103.03.1	Systems Evaluation	2.00	0.00	0.00	1.88	0.35	0.13
01103.03.1	Judg. and Dec. Making	2.88	0.35	0.13	2.25	0.46	0.16
01103.03.1	Time Management	3.00	0.00	0.00	3.00	0.00	0.00
01103.03.1	M. of Financial Resources	2.25	0.46	0.16	1.50	0.53	0.19
01103.03.1	M. of Material Resources	2.25	0.46	0.16	1.50	0.53	0.19
01103.03.1	M. of Personnel Resources	2.25	0.46	0.16	2.00	0.53	0.19

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

Conveyor Operators and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01150.02.1	Reading Comprehension	2.88	0.35	0.13	2.88	0.35	0.13
01150.02.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
01150.02.1	Writing	2.75	0.46	0.16	2.75	0.46	0.16
01150.02.1	Speaking	3.00	0.00	0.00	2.88	0.35	0.13
01150.02.1	Mathematics	2.00	0.00	0.00	1.88	0.35	0.13
01150.02.1	Science	1.75	0.46	0.16	1.50	0.93	0.33
01150.02.1	Critical Thinking	3.00	0.53	0.19	2.88	0.35	0.13
01150.02.1	Active Learning	2.75	0.46	0.16	2.63	0.52	0.18
01150.02.1	Learning Strategies	2.13	0.35	0.13	2.00	0.00	0.00
01150.02.1	Monitoring	3.38	0.52	0.18	3.13	0.35	0.13
01150.02.1	Social Perceptiveness	2.75	0.46	0.16	2.63	0.52	0.18
01150.02.1	Coordination	2.63	0.52	0.18	2.88	0.35	0.13
01150.02.1	Persuasion	2.50	0.53	0.19	2.13	0.35	0.13
01150.02.1	Negotiation	2.13	0.35	0.13	2.13	0.35	0.13
01150.02.1	Instructing	2.75	0.46	0.16	2.75	0.46	0.16
01150.02.1	Service Orientation	2.75	0.46	0.16	2.25	0.46	0.16
01150.02.1	Complex Problem Solving	3.00	0.00	0.00	2.75	0.46	0.16
01150.02.1	Operations Analysis	2.00	0.53	0.19	1.75	0.89	0.31
01150.02.1	Technology Design	1.88	0.35	0.13	1.00	0.53	0.19
01150.02.1	Equipment Selection	2.13	0.35	0.13	1.88	0.35	0.13
01150.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01150.02.1	Programming	1.25	0.46	0.16	0.25	0.46	0.16
01150.02.1	Quality Control Analysis	2.88	0.64	0.23	2.63	0.52	0.18
01150.02.1	Operations Monitoring	4.00	0.00	0.00	4.00	0.00	0.00
01150.02.1	Operation and Control	4.00	0.53	0.19	3.88	0.35	0.13
01150.02.1	Equipment Maintenance	2.63	0.52	0.18	2.63	0.52	0.18
01150.02.1	Troubleshooting	2.88	0.35	0.13	2.75	0.46	0.16
01150.02.1	Repairing	2.50	0.53	0.19	2.50	0.76	0.27
01150.02.1	Systems Analysis	2.63	0.52	0.18	2.63	0.52	0.18
01150.02.1	Systems Evaluation	2.75	0.46	0.16	2.50	0.53	0.19
01150.02.1	Judg. and Dec. Making	2.88	0.35	0.13	2.75	0.46	0.16
01150.02.1	Time Management	2.88	0.35	0.13	2.88	0.35	0.13
01150.02.1	M. of Financial Resources	1.38	0.52	0.18	0.38	0.52	0.18
01150.02.1	M. of Material Resources	1.88	0.35	0.13	1.13	0.64	0.23
01150.02.1	M. of Personnel Resources	2.50	0.53	0.19	2.50	0.53	0.19

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

Gas Compressor and Gas Pumping Station Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01495.02.1	Reading Comprehension	3.13	0.35	0.13	3.13	0.35	0.13
01495.02.1	Active Listening	3.13	0.35	0.13	3.00	0.00	0.00
01495.02.1	Writing	3.00	0.53	0.19	2.88	0.35	0.13
01495.02.1	Speaking	3.00	0.00	0.00	3.00	0.00	0.00
01495.02.1	Mathematics	2.25	0.46	0.16	2.13	0.35	0.13
01495.02.1	Science	1.88	0.35	0.13	1.25	0.71	0.25
01495.02.1	Critical Thinking	3.63	0.52	0.18	3.00	0.00	0.00
01495.02.1	Active Learning	2.88	0.35	0.13	2.38	0.52	0.18
01495.02.1	Learning Strategies	2.25	0.46	0.16	2.38	0.52	0.18
01495.02.1	Monitoring	3.13	0.35	0.13	3.00	0.53	0.19
01495.02.1	Social Perceptiveness	2.75	0.46	0.16	2.38	0.52	0.18
01495.02.1	Coordination	3.00	0.00	0.00	2.88	0.35	0.13
01495.02.1	Persuasion	2.25	0.46	0.16	2.13	0.35	0.13
01495.02.1	Negotiation	2.25	0.46	0.16	2.13	0.35	0.13
01495.02.1	Instructing	2.50	0.53	0.19	2.25	0.46	0.16
01495.02.1	Service Orientation	2.25	0.46	0.16	2.13	0.35	0.13
01495.02.1	Complex Problem Solving	3.00	0.00	0.00	3.00	0.00	0.00
01495.02.1	Operations Analysis	1.00	0.00	0.00	0.00	0.00	0.00
01495.02.1	Technology Design	1.88	0.35	0.13	1.13	0.83	0.30
01495.02.1	Equipment Selection	2.13	0.35	0.13	2.13	0.35	0.13
01495.02.1	Installation	1.00	0.00	0.00	0.00	0.00	0.00
01495.02.1	Programming	1.38	0.52	0.18	0.50	0.76	0.27
01495.02.1	Quality Control Analysis	3.00	0.00	0.00	3.00	0.00	0.00
01495.02.1	Operations Monitoring	4.00	0.00	0.00	3.88	0.35	0.13
01495.02.1	Operation and Control	3.88	0.35	0.13	3.75	0.46	0.16
01495.02.1	Equipment Maintenance	3.13	0.35	0.13	3.13	0.35	0.13
01495.02.1	Troubleshooting	3.13	0.35	0.13	3.13	0.35	0.13
01495.02.1	Repairing	3.00	0.53	0.19	3.00	0.53	0.19
01495.02.1	Systems Analysis	2.63	0.52	0.18	2.38	0.52	0.18
01495.02.1	Systems Evaluation	2.00	0.00	0.00	2.13	0.35	0.13
01495.02.1	Judg. and Dec. Making	3.00	0.00	0.00	2.75	0.46	0.16
01495.02.1	Time Management	3.00	0.00	0.00	2.75	0.46	0.16
01495.02.1	M. of Financial Resources	1.63	0.52	0.18	0.75	0.71	0.25
01495.02.1	M. of Material Resources	2.00	0.00	0.00	1.25	0.46	0.16
01495.02.1	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 $SE_M > 0.51$

Appendix C

Summary of Cycle 18 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 M_s Mean of Mean Importance Ratings – The mean of the analyst mean importance rating across the 52 abilities for each occupation.

Median of SD_s Median of the Standard Deviations of Importance Ratings – The median of the SD_s associated with each mean importance rating across the 52 abilities for each occupation.

Median of SE_{M_s} Median of the Standard Error of the Mean Importance Ratings – The median of the SE_{M_s} associated with each mean importance rating across the 52 abilities for each occupation.

Level

Mean of M_s Mean of Mean Level Ratings – The mean of the analyst mean level rating across the 52 abilities for each occupation.

Median of SD_s Median of the Standard Deviations of Level Ratings – The median of the SD_s associated with each mean level rating across the 52 abilities for each occupation.

Median of SE_{M_s} Median of the Standard Error of the Mean Level Ratings – The median of the SE_{M_s} associated with each mean level rating across the 52 abilities for each occupation.

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Public Relations and Fundraising Managers	2.76	0.46	0.16	2.60	0.52	0.18
Administrative Services Managers	2.72	0.46	0.16	2.54	0.46	0.16
Storage and Distribution Managers	2.85	0.35	0.13	2.70	0.46	0.16
Logistics Managers	2.89	0.46	0.16	2.79	0.46	0.16
Compensation and Benefits Managers	2.72	0.35	0.13	2.50	0.35	0.13
Training and Development Managers	2.97	0.35	0.13	2.88	0.35	0.13
Education Administrators, Preschool and Childcare Center/Program	2.91	0.35	0.13	2.68	0.35	0.13
Food Service Managers	2.82	0.46	0.16	2.63	0.46	0.16
Lodging Managers	2.99	0.46	0.16	2.83	0.35	0.13
Emergency Management Directors	3.03	0.46	0.16	3.02	0.46	0.16
Supply Chain Managers	2.93	0.35	0.13	2.73	0.35	0.13
Compensation, Benefits, and Job Analysis Specialists	2.58	0.35	0.13	2.51	0.46	0.16
Customs Brokers	2.55	0.35	0.13	2.26	0.00	0.00
Financial Quantitative Analysts	2.66	0.52	0.18	2.58	0.64	0.23
Fraud Examiners, Investigators and Analysts	2.63	0.35	0.13	2.36	0.35	0.13
Computer Systems Analysts	2.90	0.46	0.16	3.15	0.52	0.18
Web Developers	2.71	0.46	0.16	2.68	0.46	0.16
Network and Computer Systems Administrators	3.15	0.35	0.13	3.41	0.46	0.16
Computer User Support Specialists	2.81	0.35	0.13	2.75	0.46	0.16
Actuaries	2.78	0.35	0.13	2.84	0.46	0.16
Operations Research Analysts	2.76	0.35	0.13	2.63	0.46	0.16
Cartographers and Photogrammetrists	2.44	0.46	0.16	2.19	0.52	0.18
Surveyors	2.83	0.46	0.16	2.81	0.46	0.16
Agricultural Engineers	3.02	0.35	0.13	3.05	0.46	0.16
Biomedical Engineers	3.29	0.46	0.16	3.73	0.52	0.18
Chemical Engineers	3.02	0.35	0.13	3.35	0.52	0.18
Transportation Engineers	2.92	0.35	0.13	3.05	0.35	0.13
Nuclear Engineers	3.12	0.35	0.13	3.20	0.52	0.18
Manufacturing Engineers	3.30	0.46	0.16	3.82	0.52	0.18
Mechanical Drafters	2.50	0.35	0.13	2.42	0.35	0.13
Civil Engineering Technicians	2.54	0.46	0.16	2.37	0.53	0.19
Electronics Engineering Technologists	2.99	0.46	0.16	3.20	0.52	0.18
Manufacturing Engineering Technologists	3.21	0.46	0.16	3.60	0.52	0.18
Manufacturing Production Technicians	2.91	0.46	0.16	2.83	0.46	0.16
Nanotechnology Engineering Technologists	2.80	0.53	0.19	2.84	0.76	0.27

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Surveying Technicians	2.68	0.46	0.16	2.49	0.35	0.13
Biologists	2.81	0.46	0.16	2.85	0.53	0.19
Microbiologists	2.95	0.35	0.13	3.10	0.46	0.16
Zoologists and Wildlife Biologists	2.81	0.35	0.13	2.66	0.46	0.16
Hydrologists	2.89	0.46	0.16	3.06	0.71	0.25
Neuropsychologists and Clinical Neuropsychologists	2.89	0.35	0.13	2.85	0.46	0.16
Political Scientists	2.59	0.35	0.13	2.42	0.46	0.16
Transportation Planners	2.85	0.35	0.13	2.74	0.46	0.16
Biological Technicians	2.67	0.46	0.16	2.64	0.52	0.18
Nuclear Equipment Operation Technicians	2.74	0.35	0.13	2.63	0.46	0.16
Title Examiners, Abstractors, and Searchers	2.22	0.46	0.16	1.80	0.46	0.16
Kindergarten Teachers, Except Special Education	2.64	0.46	0.16	2.19	0.35	0.13
Librarians	2.56	0.35	0.13	2.36	0.35	0.13
Library Technicians	2.24	0.35	0.13	1.86	0.46	0.16
Fine Artists, Including Painters, Sculptors, and Illustrators	2.26	0.46	0.16	1.96	0.52	0.18
Interior Designers	2.75	0.35	0.13	2.51	0.46	0.16
Actors	2.12	0.35	0.13	1.71	0.46	0.16
Music Directors	2.62	0.46	0.16	2.38	0.46	0.16
Broadcast News Analysts	2.56	0.35	0.13	2.30	0.35	0.13
Editors	2.52	0.35	0.13	2.38	0.46	0.16
Poets, Lyricists and Creative Writers	2.34	0.46	0.16	2.03	0.52	0.18
Magnetic Resonance Imaging Technologists	2.71	0.46	0.16	2.53	0.35	0.13
Municipal Fire Fighting and Prevention Supervisors	3.20	0.46	0.16	3.23	0.46	0.16
Municipal Firefighters	2.84	0.46	0.16	2.67	0.35	0.13
Fire Inspectors	2.74	0.35	0.13	2.69	0.35	0.13
Police Identification and Records Officers	2.48	0.46	0.16	2.25	0.46	0.16
Transit and Railroad Police	2.58	0.35	0.13	2.22	0.46	0.16
First-Line Supervisors of Food Preparation and Serving Workers	2.72	0.35	0.13	2.48	0.46	0.16
Food Preparation Workers	2.09	0.35	0.13	1.45	0.35	0.13
Bartenders	2.38	0.35	0.13	2.00	0.35	0.13
Combined Food Preparation and Serving Workers, Including Fast Food	2.13	0.35	0.13	1.53	0.46	0.16
Slot Supervisors	2.45	0.46	0.16	2.09	0.46	0.16
Morticians, Undertakers, and Funeral Directors	2.77	0.35	0.13	2.77	0.46	0.16

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Childcare Workers	2.26	0.35	0.13	1.86	0.35	0.13
Recreation Workers	2.65	0.35	0.13	2.35	0.46	0.16
Bookkeeping, Accounting, and Auditing Clerks	2.14	0.35	0.13	1.79	0.35	0.13
Hotel, Motel, and Resort Desk Clerks	2.34	0.35	0.13	1.93	0.35	0.13
Loan Interviewers and Clerks	2.49	0.35	0.13	2.21	0.35	0.13
Human Resources Assistants, Except Payroll and Timekeeping	2.33	0.46	0.16	1.99	0.35	0.13
Executive Secretaries and Executive Administrative Assistants	2.50	0.35	0.13	2.16	0.46	0.16
Word Processors and Typists	2.12	0.46	0.16	1.58	0.53	0.19
Office Machine Operators, Except Computer	2.51	0.46	0.16	2.14	0.46	0.16
First-Line Supervisors of Animal Husbandry and Animal Care Workers	3.01	0.46	0.16	2.86	0.52	0.18
Graders and Sorters, Agricultural Products	1.74	0.46	0.16	1.03	0.71	0.25
Logging Equipment Operators	2.47	0.46	0.16	2.10	0.35	0.13
Log Graders and Scalers	2.41	0.46	0.16	2.07	0.46	0.16
Highway Maintenance Workers	2.37	0.46	0.16	2.01	0.52	0.18
Septic Tank Servicers and Sewer Pipe Cleaners	2.56	0.46	0.16	2.29	0.46	0.16
Earth Drillers, Except Oil and Gas	2.59	0.46	0.16	2.30	0.46	0.16
Roof Bolters, Mining	2.53	0.35	0.13	2.20	0.35	0.13
Telecommunications Equipment Installers and Repairers, Except Line Installers	2.94	0.46	0.16	2.80	0.46	0.16
Electric Motor, Power Tool, and Related Repairers	2.88	0.46	0.16	2.73	0.46	0.16
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2.78	0.46	0.16	2.70	0.46	0.16
Mobile Heavy Equipment Mechanics, Except Engines	2.87	0.46	0.16	2.80	0.46	0.16
Control and Valve Installers and Repairers, Except Mechanical Door	2.59	0.46	0.16	2.34	0.46	0.16
Coin, Vending, and Amusement Machine Servicers and Repairers	2.48	0.35	0.13	2.16	0.46	0.16
Coil Winders, Tapers, and Finishers	2.10	0.35	0.13	1.62	0.52	0.18
Electromechanical Equipment Assemblers	2.36	0.46	0.16	2.00	0.46	0.16
Meat, Poultry, and Fish Cutters and Trimmers	2.20	0.46	0.16	1.72	0.46	0.16
Slaughterers and Meat Packers	1.82	0.35	0.13	1.23	0.52	0.18
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	2.45	0.46	0.16	2.08	0.46	0.16
Patternmakers, Metal and Plastic	2.39	0.52	0.18	2.12	0.52	0.18

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Pressers, Textile, Garment, and Related Materials	1.88	0.46	0.16	1.29	0.64	0.23
Sewing Machine Operators	2.06	0.46	0.16	1.52	0.52	0.18
Furniture Finishers	2.44	0.35	0.13	2.18	0.46	0.16
Packaging and Filling Machine Operators and Tenders	2.32	0.46	0.16	1.93	0.46	0.16
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	2.46	0.35	0.13	2.16	0.46	0.16
Photographic Process Workers and Processing Machine Operators	2.69	0.53	0.19	2.52	0.64	0.23
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	2.19	0.35	0.13	1.72	0.35	0.13
Cooling and Freezing Equipment Operators and Tenders	2.70	0.46	0.16	2.46	0.52	0.18
Etchers and Engravers	2.36	0.35	0.13	2.01	0.46	0.16
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	2.46	0.35	0.13	2.07	0.46	0.16
Taxi Drivers and Chauffeurs	2.35	0.35	0.13	1.94	0.35	0.13
Conveyor Operators and Tenders	2.55	0.46	0.16	2.31	0.46	0.16
Gas Compressor and Gas Pumping Station Operators	2.58	0.35	0.13	2.31	0.35	0.13

Appendix D

Cycle 18 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
01176.03.1	Public Relations and Fundraising Managers	0.99	0.99
00013.03.1	Administrative Services Managers	0.98	0.99
00033.03.1	Storage and Distribution Managers	0.98	0.99
01551.02.1	Logistics Managers	0.98	0.99
01179.03.1	Compensation and Benefits Managers	0.99	0.99
00004.03.1	Training and Development Managers	0.99	0.99
01183.03.1	Education Administrators, Preschool and Childcare Center/Program	0.99	0.99
00035.03.1	Food Service Managers	0.97	0.97
00034.03.1	Lodging Managers	0.98	0.98
01190.03.1	Emergency Management Directors	0.99	0.99
01549.02.1	Supply Chain Managers	0.99	0.99
00065.03.1	Compensation, Benefits, and Job Analysis Specialists	0.98	0.99
01562.02.1	Customs Brokers	0.99	0.99
01565.01.1	Financial Quantitative Analysts	0.96	0.96
01568.02.1	Fraud Examiners, Investigators and Analysts	0.99	0.99
00192.03.1	Computer Systems Analysts	0.95	0.96
01520.02.1	Web Developers	0.96	0.97
01203.03.1	Network and Computer Systems Administrators	0.93	0.93
00195.03.1	Computer User Support Specialists	0.95	0.95
00201.03.1	Actuaries	0.99	0.99
00199.03.1	Operations Research Analysts	0.99	0.99
00126.03.1	Cartographers and Photogrammetrists	0.96	0.97
00127.03.1	Surveyors	0.96	0.97
00111.03.1	Agricultural Engineers	0.98	0.98
01206.03.1	Biomedical Engineers	0.95	0.96
00108.03.1	Chemical Engineers	0.97	0.98
01583.02.1	Transportation Engineers	0.98	0.99
00109.03.1	Nuclear Engineers	0.97	0.98
01592.02.1	Manufacturing Engineers	0.93	0.91
00137.03.1	Mechanical Drafters	0.97	0.98
00128.03.1	Civil Engineering Technicians	0.96	0.97
01605.02.1	Electronics Engineering Technologists	0.91	0.93
01607.02.1	Manufacturing Engineering Technologists	0.90	0.87
01610.02.1	Manufacturing Production Technicians	0.94	0.95
01612.01.1	Nanotechnology Engineering Technologists	0.90	0.91
00139.03.1	Surveying Technicians	0.95	0.98

IDI Code	Occupation Title	Importance	Level
00167.03.1	Biologists	0.98	0.99
00170.03.1	Microbiologists	0.98	0.99
00173.03.1	Zoologists and Wildlife Biologists	0.98	0.99
00153.03.1	Hydrologists	0.97	0.96
01622.02.1	Neuropsychologists and Clinical Neuropsychologists	0.99	0.99
00217.02.1	Political Scientists	0.98	0.99
01623.02.1	Transportation Planners	0.98	0.99
01235.03.1	Biological Technicians	0.96	0.97
00185.03.1	Nuclear Equipment Operation Technicians	0.97	0.98
01254.02.1	Title Examiners, Abstractors, and Searchers	0.98	0.99
00258.03.1	Kindergarten Teachers, Except Special Education	0.99	0.99
00271.03.1	Librarians	0.98	0.99
00273.03.1	Library Technicians	0.97	0.98
01297.02.1	Fine Artists, Including Painters, Sculptors, and Illustrators	0.95	0.96
00377.03.1	Interior Designers	0.98	0.99
00387.02.1	Actors	0.99	0.99
00379.02.1	Music Directors	0.98	0.99
00357.02.1	Broadcast News Analysts	0.99	0.99
00346.03.1	Editors	0.99	0.99
01523.02.1	Poets, Lyricists and Creative Writers	0.98	0.99
01700.02.1	Magnetic Resonance Imaging Technologists	0.96	0.97
00529.03.1	Municipal Fire Fighting and Prevention Supervisors	0.96	0.97
00544.03.1	Municipal Firefighters	0.96	0.97
00541.03.1	Fire Inspectors	0.97	0.99
00547.03.1	Police Identification and Records Officers	0.97	0.98
00558.02.1	Transit and Railroad Police	0.98	0.98
00534.03.1	First-Line Supervisors of Food Preparation and Serving Workers	0.98	0.99
00579.03.1	Food Preparation Workers	0.97	0.98
00567.03.1	Bartenders	0.98	0.99
00581.03.1	Combined Food Preparation and Serving Workers, Including Fast Food	0.97	0.98
01353.02.1	Slot Supervisors	0.96	0.96
00406.03.1	Morticians, Undertakers, and Funeral Directors	0.98	0.99
00617.03.1	Childcare Workers	0.98	0.99
00231.03.1	Recreation Workers	0.98	0.99
00493.03.1	Bookkeeping, Accounting, and Auditing Clerks	0.97	0.98

IDI Code	Occupation Title	Importance	Level
00471.03.1	Hotel, Motel, and Resort Desk Clerks	0.98	0.99
00455.02.1	Loan Interviewers and Clerks	0.98	0.99
00484.03.1	Human Resources Assistants, Except Payroll and Timekeeping	0.98	0.99
00095.03.1	Executive Secretaries and Executive Administrative Assistants	0.98	0.99
00483.02.1	Word Processors and Typists	0.95	0.96
01388.02.1	Office Machine Operators, Except Computer	0.94	0.96
01526.02.1	First-Line Supervisors of Animal Husbandry and Animal Care Workers	0.97	0.97
00642.02.1	Graders and Sorters, Agricultural Products	0.94	0.95
01394.02.1	Logging Equipment Operators	0.96	0.98
00641.02.1	Log Graders and Scalers	0.94	0.96
00811.03.1	Highway Maintenance Workers	0.96	0.96
00804.02.1	Septic Tank Servicers and Sewer Pipe Cleaners	0.95	0.96
01410.02.1	Earth Drillers, Except Oil and Gas	0.96	0.97
00840.02.1	Roof Bolters, Mining	0.96	0.97
01414.02.1	Telecommunications Equipment Installers and Repairers, Except Line Installers	0.95	0.96
01415.02.1	Electric Motor, Power Tool, and Related Repairers	0.96	0.95
00739.02.1	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	0.93	0.96
00712.03.1	Mobile Heavy Equipment Mechanics, Except Engines	0.94	0.95
01422.02.1	Control and Valve Installers and Repairers, Except Mechanical Door	0.93	0.95
00766.02.1	Coin, Vending, and Amusement Machine Servicers and Repairers	0.96	0.97
01055.02.1	Coil Winders, Tapers, and Finishers	0.95	0.97
01044.02.1	Electromechanical Equipment Assemblers	0.93	0.94
01069.02.1	Meat, Poultry, and Fish Cutters and Trimmers	0.96	0.96
00904.02.1	Slaughterers and Meat Packers	0.90	0.92
01016.02.1	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	0.96	0.97
00853.02.1	Patternmakers, Metal and Plastic	0.92	0.95
01449.02.1	Pressers, Textile, Garment, and Related Materials	0.89	0.93
01450.02.1	Sewing Machine Operators	0.95	0.94
00870.02.1	Furniture Finishers	0.95	0.97
01036.03.1	Packaging and Filling Machine Operators and Tenders	0.96	0.98
01475.02.1	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	0.95	0.97

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01712.01.2	Photographic Process Workers and Processing Machine Operators	0.87	0.85
01031.02.1	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	0.95	0.97
01019.02.1	Cooling and Freezing Equipment Operators and Tenders	0.95	0.96
01477.02.1	Etchers and Engravers	0.94	0.95
00591.02.1	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	0.96	0.97
01103.03.1	Taxi Drivers and Chauffeurs	0.96	0.98
01150.02.1	Conveyor Operators and Tenders	0.96	0.97
01495.02.1	Gas Compressor and Gas Pumping Station Operators	0.97	0.98