



# O\*NET<sup>®</sup> Analyst Ratings of Occupational Skills: Analysis Cycle 17 Results

## Final Report

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# O\*NET ANALYST RATINGS OF OCCUPATIONAL SKILLS: ANALYSIS CYCLE 17 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 skills 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).

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 seventeenth analysis cycle of 116 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>. It should be noted that the O\*NET Center now uses a unique eight-digit ID Profile Identifier (IDI) code to identify each occupation. Appendix A includes a listing of the IDI codes and Occupational Titles addressed in Cycle 17.

## Evaluation of Cycle 17 Analyst Ratings

As mentioned above, occupational analysts provided ratings on the importance and level of the 35 skills for each of the 116 occupations in Cycle 17. 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 or reliability estimates may be an indication that there is confusion about the constructs, potentially due to either the nature of the definition or rater training. Specifically, the second analysis involved computing the 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 17 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](http://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 17 data, the level ratings for Equipment Selection were considered not relevant for Management Analysts (00072.02.1) and Geographers (00154.03.1) because Equipment Selection was not considered important for performance in these two occupations. In this cycle, there were 406 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 4,060 sets of ratings (116 occupations x 35 skills) in the current cycle. Given this, 10.00% (406/4,060) of the skill ratings were flagged as not relevant. The average percentage of skill ratings flagged as not relevant

across the previous 16 cycles is 13.79% ( $SD = 3.91\%$ ); 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 17 include Installation ( $n = 90$ ), Repairing ( $n = 59$ ), and Equipment Maintenance ( $n = 56$ ). 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 17 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 8-17) are presented in Table 2. There were 13 insufficient agreement flags for level ratings in Cycle 17 (0.32% of the total). The skills that were flagged the most for the level criteria were: Operations Analysis ( $n = 6$ ), Installation ( $n = 3$ ), and Technology Design ( $n = 2$ ); no other constructs were flagged more than once. When looking at the number of occupations flagged to the total number of occupations in the cycle, the percent of occupations flagged in Cycle 17 decreased slightly from Cycle 16 (0.67%) 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 17 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.

The importance ratings across all occupations had a median  $SD$  of .46 and a median  $SE_M$  of .16. Interestingly, the level ratings across occupations also had a median  $SD$  of .46 and a

median  $SE_M$  of .16. Overall, the results indicate that the ratings made by the occupational analysts were quite consistent for both the importance and level scales.



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

Element Name	Cycle 8 (N = 100)	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)
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	8	0	1	0	2	0	1	1	0	0
Science	41	12	27	43	27	23	26	26	33	33
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	6	1	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	3	0	0	0	0	0	0	0	0	2
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	14	6	7	62	13	10	5	19	8	10
Technology Design	21	6	14	16	29	8	8	14	10	14
Equipment Selection	28	8	113	67	73	58	45	58	32	50
Installation	77	25	167	100	96	96	80	105	70	90
Programming	52	17	14	25	38	22	27	30	34	30
Quality Control Analysis	10	0	30	15	21	6	6	8	3	5
Operations Monitoring	4	0	0	1	12	2	2	0	1	2
Operation and Control	11	3	59	38	53	31	20	28	15	19
Equipment Maintenance	34	14	132	78	81	73	56	71	36	56
Troubleshooting	13	1	58	31	50	28	17	30	16	23
Repairing	36	13	138	83	82	75	59	73	40	59
Systems Analysis	3	1	1	1	1	0	0	0	0	0
Systems Evaluation	4	1	0	0	0	0	1	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	13	5	22	22	17	9	13	9	9	7
M. of Material Resources	12	2	19	12	8	6	9	7	2	5
M. of Personnel Resources	2	0	0	0	0	0	1	0	0	1
Total Flags out of all possible ratings	11.20% (392/3500)	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)

**Table 2. Level Flags Due to Large  $SE_M$** 

Element Name	Cycle 8 (N = 100)	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)
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	2	0	1	5	0	0	0	1	0	0
Science	4	5	7	16	8	17	3	2	2	0
Critical Thinking	0	0	1	0	0	0	0	0	0	0
Active Learning	1	0	0	0	0	0	0	0	0	0
Learning Strategies	0	0	0	0	0	0	0	0	0	0
Monitoring	0	0	0	0	0	1	0	0	0	0
Social Perceptiveness	0	0	0	0	0	0	0	0	0	0
Coordination	1	0	1	0	0	0	0	0	0	0
Persuasion	3	1	0	6	0	1	0	0	0	0
Negotiation	6	0	2	0	0	1	0	0	0	0
Instructing	3	0	0	0	0	0	0	0	0	0
Service Orientation	0	0	0	3	0	0	0	0	0	0
Complex Problem Solving	1	0	0	0	0	1	0	1	0	0
Operations Analysis	14	3	33	35	13	35	12	11	6	6
Technology Design	4	6	27	22	7	14	5	5	3	2
Equipment Selection	2	5	19	15	4	8	6	2	2	0
Installation	8	4	18	16	3	4	5	2	2	3
Programming	1	3	30	20	9	15	10	4	2	0
Quality Control Analysis	2	3	21	14	12	12	4	5	3	0
Operations Monitoring	0	0	4	3	1	0	0	0	0	0
Operation and Control	0	1	7	5	4	0	1	1	1	0
Equipment Maintenance	1	1	6	2	2	1	0	0	0	1
Troubleshooting	0	4	8	3	1	4	1	1	1	1
Repairing	1	0	4	1	1	0	1	1	0	0
Systems Analysis	1	0	1	2	2	1	0	0	0	0
Systems Evaluation	2	0	0	3	1	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	3	2	7	7	1	7	1	4	1	0
M. of Material Resources	2	2	7	3	2	7	1	3	0	0
M. of Personnel Resources	0	1	0	1	0	0	0	0	1	0
Total Flags out of all possible ratings	1.80% (62/3500)	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)

### **Cycle 17 Interrater Reliability: Across Constructs within Occupations**

To examine the interrater reliability of the Cycle 17 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 .80 or greater. The value of .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 116 Cycle 17 occupations. Specifically, the median  $ICC$  for importance ratings for the skills across the occupations was .96 ( $M = .96, SD = .03$ ). The median  $ICC$  for the level ratings was .97 ( $M = .97, SD = .03$ ). The reliability for both the importance and level ratings exceeded the median target coefficient value of .80. In fact, only six of the 116 importance rating  $ICC$  values fell below .90 (01539.01.1 Hydroelectric Production Managers, 01594.01.1 Microsystems Engineers, 01601.01.1 Automotive Engineering Technicians, 01613.01.1 Nanotechnology Engineering Technicians, 00908.02.1 Foundry Mold and Coremakers, and 01682.01.1 Hydroelectric Plant Technicians). Similarly, none of the level rating  $ICCs$  fell below .80 and only three fell below .90 (01594.01.1 Microsystems Engineers, 01601.01.1 Automotive Engineering Technicians, and 01682.01.1 Hydroelectric Plant Technicians). Overall, the results indicate a strong level of agreement in the occupational analysts' ratings.

### **Cycle 17 Interrater Reliability: Across Occupations within Constructs**

Another effective way to evaluate the reliability of the occupational analysts' ratings is to look at the consistency 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). For example, 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 .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 .80). Again, the value of .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 17 and results are presented in Table 3. The reliability analyses are based on 1,616 rating targets. 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 .87 ( $M = .88, SD = .05$ ) and for level was .91 ( $M = .90, SD = .04$ ). 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 10 skills with reliabilities equal to or greater than .90 for both importance and level (e.g., Science). However, there are some relatively low reliability coefficients to note.

**Table 3. Interrater Reliabilities and Standard Errors of Measurement for Skills Across Occupations in Cycles 1 through 17**

		Cycles 1 through 17 (N = 1,616)					
		Importance			Level		
Skill		ICC(C,1)	ICC(C,8)	SE	ICC(C,1)	ICC(C,8)	SE
1	Reading Comprehension	0.52	0.90	0.17	0.66	0.94	0.21
2	Active Listening	0.42	0.86	0.17	0.56	0.91	0.19
3	Writing	0.56	0.91	0.18	0.68	0.94	0.20
4	Speaking	0.51	0.89	0.16	0.61	0.93	0.19
5	Mathematics	0.49	0.88	0.20	0.59	0.92	0.27
6	Science	0.71	0.95	0.20	0.72	0.95	0.31
7	Critical Thinking	0.45	0.87	0.16	0.52	0.90	0.20
8	Active Learning	0.42	0.85	0.19	0.55	0.91	0.24
9	Learning Strategies	0.49	0.89	0.19	0.59	0.92	0.23
10	Monitoring	0.32	0.79	0.17	0.45	0.87	0.22
11	Social Perceptiveness	0.41	0.85	0.18	0.49	0.88	0.23
12	Coordination	0.36	0.82	0.16	0.36	0.82	0.22
13	Persuasion	0.39	0.84	0.19	0.40	0.84	0.27
14	Negotiation	0.42	0.85	0.18	0.43	0.86	0.25
15	Instructing	0.56	0.91	0.18	0.54	0.91	0.24
16	Service Orientation	0.46	0.87	0.19	0.41	0.85	0.24
17	Complex Problem Solving	0.38	0.83	0.19	0.52	0.90	0.21
18	Operations Analysis	0.46	0.87	0.24	0.51	0.89	0.37
19	Technology Design	0.31	0.78	0.20	0.39	0.84	0.31
20	Equipment Selection	0.60	0.92	0.19	0.60	0.92	0.29
21	Installation	0.56	0.91	0.15	0.54	0.90	0.23
22	Programming	0.42	0.85	0.19	0.49	0.89	0.28
23	Quality Control Analysis	0.52	0.90	0.23	0.55	0.91	0.31
24	Operations Monitoring	0.63	0.93	0.20	0.62	0.93	0.27
25	Operation and Control	0.72	0.95	0.19	0.73	0.96	0.26
26	Equipment Maintenance	0.79	0.97	0.15	0.82	0.97	0.20
27	Troubleshooting	0.68	0.94	0.18	0.71	0.95	0.26
28	Repairing	0.81	0.97	0.14	0.83	0.98	0.20
29	Systems Analysis	0.48	0.88	0.21	0.57	0.91	0.26
30	Systems Evaluation	0.43	0.86	0.21	0.54	0.90	0.28
31	Judg. and Dec. Making	0.39	0.84	0.17	0.55	0.91	0.20
32	Time Management	0.32	0.79	0.16	0.43	0.86	0.19
33	M. of Financial Resources	0.46	0.87	0.19	0.54	0.90	0.31
34	M. of Material Resources	0.38	0.83	0.20	0.45	0.87	0.31
35	M. of Personnel Resources	0.46	0.87	0.18	0.49	0.88	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 .80. These were the same skills with reliabilities below .80 from Cycle 16. The construct with the lowest level reliability was Coordination. The reliability for the level of this skill was .82, which still exceeds the .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 .78 (Technology Design). 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 across constructs of .80 or greater, which was achieved for both importance and level (.87 and .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 17 analyst ratings were as follows:

- About 90% of the skill ratings were considered important for performance of 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 17 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 .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 .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 as though 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 17 Occupations

IDI Code	Occupation Title
00009.03.1	Sales Managers
00016.03.1	Computer and Information Systems Managers
01536.01.1	Biofuels Production Managers
01539.01.1	Hydroelectric Production Managers
00669.02.1	Aquacultural Managers
00021.03.1	Medical and Health Services Managers
00017.02.1	Postmasters and Mail Superintendents
01554.01.1	Wind Energy Operations Managers
01555.01.1	Wind Energy Project Managers
00460.02.1	Insurance Appraisers, Auto Damage
00081.02.1	Government Property Inspectors and Investigators
00071.03.1	Cost Estimators
01193.02.1	Logisticians
00072.02.1	Management Analysts
00097.03.1	Meeting, Convention, and Event Planners
01560.02.1	Energy Auditors
00052.03.1	Auditors
00054.03.1	Budget Analysts
00202.02.1	Financial Analysts
01197.02.1	Loan Counselors
01201.03.1	Software Developers, Applications
00193.03.1	Database Administrators
01517.02.1	Software Quality Assurance Engineers and Testers
01571.02.1	Geospatial Information Scientists and Technologists
01581.02.1	Clinical Data Managers
01582.02.1	Geodetic Surveyors
00118.02.1	Product Safety Engineers
00120.02.1	Marine Engineers
01589.02.1	Biochemical Engineers

<b>IDI Code</b>	<b>Occupation Title</b>
01591.02.1	Energy Engineers
01594.01.1	Microsystems Engineers
01601.01.1	Automotive Engineering Technicians
01602.02.1	Non-Destructive Testing Specialists
01613.01.1	Nanotechnology Engineering Technicians
00162.03.1	Animal Scientists
01615.02.1	Molecular and Cellular Biologists
01616.02.1	Geneticists
00161.02.1	Park Naturalists
01223.03.1	Epidemiologists
01620.02.1	Remote Sensing Scientists and Technologists
00218.02.1	Sociologists
00154.03.1	Geographers
00184.03.1	Environmental Science and Protection Technicians, Including Health
01625.02.1	Precision Agriculture Technicians
00237.03.1	Lawyers
00244.02.1	Graduate Teaching Assistants
01296.02.1	Craft Artists
00368.03.1	Graphic Designers
00398.02.1	Athletes and Sports Competitors
00384.02.1	Musicians, Instrumental
00358.02.1	Radio and Television Announcers
00359.02.1	Public Address System and Other Announcers
01638.02.1	Preventive Medicine Physicians
00310.03.1	Recreational Therapists
01651.02.1	Orthoptists
01705.01.1	Orderlies
01661.02.1	Endoscopy Technicians
00531.03.1	First-Line Supervisors of Police and Detectives
00550.03.1	Correctional Officers and Jailers
00546.03.1	Police Detectives
00551.02.1	Parking Enforcement Workers
00548.03.1	Police Patrol Officers



<b>IDI Code</b>	<b>Occupation Title</b>
00561.03.1	Security Guards
00560.02.1	Crossing Guards
01345.02.1	Cooks, Private Household
00615.02.1	Costume Attendants
00602.02.1	Hairdressers, Hairstylists, and Cosmetologists
00422.02.1	Travel Agents
00442.02.1	Demonstrators and Product Promoters
00495.03.1	Payroll and Timekeeping Clerks
00485.02.1	Correspondence Clerks
01381.02.1	Eligibility Interviewers, Government Programs
00487.02.1	Order Clerks
00514.02.1	Couriers and Messengers
00515.03.1	Police, Fire, and Ambulance Dispatchers
00519.02.1	Meter Readers, Utilities
00513.02.1	Postal Service Clerks
00512.02.1	Postal Service Mail Carriers
01384.02.1	Postal Service Mail Sorters, Processors, and Processing Machine Operators
01387.02.1	Mail Clerks and Mail Machine Operators, Except Postal Service
00475.02.1	Proofreaders and Copy Markers
00640.02.1	Nursery Workers
00663.02.1	Hunters and Trappers
01401.02.1	Drywall and Ceiling Tile Installers
00841.02.1	Continuous Mining Machine Operators
01417.02.1	Electronic Equipment Installers and Repairers, Motor Vehicles
00714.02.1	Farm Equipment Mechanics and Service Technicians
00767.02.1	Bicycle Repairers
01425.02.1	Musical Instrument Repairers and Tuners
00574.02.1	Butchers and Meat Cutters
00197.02.1	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic
00948.02.1	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
01437.02.1	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
00937.02.1	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic

<b>IDI Code</b>	<b>Occupation Title</b>
00939.02.1	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic
00852.02.1	Model Makers, Metal and Plastic
00908.02.1	Foundry Mold and Coremakers
01438.02.1	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
01442.02.1	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
01443.02.1	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic
00851.02.1	Tool Grinders, Filers, and Sharpeners
01446.02.1	Prepress Technicians and Workers
00874.02.1	Fabric and Apparel Patternmakers
00879.02.1	Upholsterers
01679.01.1	Biofuels Processing Technicians
01682.01.1	Hydroelectric Plant Technicians
01468.02.1	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders
01079.02.1	Grinding and Polishing Workers, Hand
01470.02.1	Cutting and Slicing Machine Setters, Operators, and Tenders
01471.02.1	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
01481.02.1	Aircraft Cargo Handling Supervisors
01489.02.1	Sailors and Marine Oilers
01121.02.1	Ship Engineers
01129.02.1	Automotive and Watercraft Service Attendants
00404.02.1	Traffic Technicians
01163.02.1	Machine Feeders and Offbearers

## Appendix B

### Descriptive Statistics for O\*NET Analysis Cycle 17 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<sub>M</sub> Imp:</i>	Standard Error of the Mean Importance Rating – The <i>SE<sub>M</sub></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<sub>M</sub> Level:</i>	Standard Error of the Mean Level Rating – The <i>SE<sub>M</sub></i> of the ratings across eight raters. Shaded level <i>SE<sub>M</sub>s</i> are flagged for insufficient agreement across raters if the <i>SE<sub>M</sub></i> is greater than .51.

## Sales Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00009.03.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
00009.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00009.03.1	Writing	3.63	.52	.18	4.00	.00	.00
00009.03.1	Speaking	4.00	.00	.00	4.13	.35	.13
00009.03.1	Mathematics	3.00	.00	.00	3.25	.46	.16
00009.03.1	Science	1.63	.52	.18	.63	.52	.18
00009.03.1	Critical Thinking	3.88	.35	.13	4.00	.00	.00
00009.03.1	Active Learning	3.75	.46	.16	3.88	.35	.13
00009.03.1	Learning Strategies	3.25	.46	.16	3.75	.46	.16
00009.03.1	Monitoring	3.75	.46	.16	4.75	.46	.16
00009.03.1	Social Perceptiveness	3.88	.35	.13	4.13	.35	.13
00009.03.1	Coordination	3.88	.35	.13	4.13	.35	.13
00009.03.1	Persuasion	4.13	.35	.13	4.38	.52	.18
00009.03.1	Negotiation	3.88	.35	.13	3.88	.35	.13
00009.03.1	Instructing	3.63	.52	.18	3.63	.52	.18
00009.03.1	Service Orientation	3.88	.35	.13	3.88	.35	.13
00009.03.1	Complex Problem Solving	3.75	.46	.16	3.88	.64	.23
00009.03.1	Operations Analysis	2.63	.52	.18	2.88	.35	.13
00009.03.1	Technology Design	1.75	.46	.16	.88	.64	.23
00009.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00009.03.1	Installation	1.00	.00	.00	.00	.00	.00
00009.03.1	Programming	1.63	.52	.18	.88	.83	.30
00009.03.1	Quality Control Analysis	1.75	.46	.16	1.38	.92	.32
00009.03.1	Operations Monitoring	1.75	.46	.16	1.75	1.16	.41
00009.03.1	Operation and Control	1.75	.46	.16	1.25	.89	.31
00009.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00009.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00009.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00009.03.1	Systems Analysis	3.63	.52	.18	3.75	.46	.16
00009.03.1	Systems Evaluation	3.63	.52	.18	3.88	.35	.13
00009.03.1	Judg. and Dec. Making	3.75	.46	.16	4.00	.00	.00
00009.03.1	Time Management	3.50	.53	.19	3.88	.35	.13
00009.03.1	M. of Financial Resources	3.00	.00	.00	3.63	.52	.18
00009.03.1	M. of Material Resources	2.88	.35	.13	3.00	.00	.00
00009.03.1	M. of Personnel Resources	3.75	.46	.16	4.00	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SEM > .51$

## Computer and Information Systems Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00016.03.1	Reading Comprehension	4.00	.00	.00	4.00	.00	.00
00016.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00016.03.1	Writing	3.75	.46	.16	4.00	.00	.00
00016.03.1	Speaking	3.88	.35	.13	3.88	.35	.13
00016.03.1	Mathematics	3.13	.35	.13	3.13	.35	.13
00016.03.1	Science	1.75	.46	.16	1.38	.92	.32
00016.03.1	Critical Thinking	4.13	.35	.13	4.00	.00	.00
00016.03.1	Active Learning	3.38	.52	.18	3.88	.64	.23
00016.03.1	Learning Strategies	3.25	.46	.16	3.50	.53	.19
00016.03.1	Monitoring	3.88	.35	.13	4.38	.52	.18
00016.03.1	Social Perceptiveness	3.63	.52	.18	3.75	.46	.16
00016.03.1	Coordination	3.75	.46	.16	3.88	.64	.23
00016.03.1	Persuasion	3.13	.35	.13	3.50	.53	.19
00016.03.1	Negotiation	3.00	.53	.19	3.25	.71	.25
00016.03.1	Instructing	3.13	.35	.13	3.88	.35	.13
00016.03.1	Service Orientation	2.88	.35	.13	3.13	.64	.23
00016.03.1	Complex Problem Solving	3.75	.71	.25	3.88	.64	.23
00016.03.1	Operations Analysis	3.13	.35	.13	3.38	.52	.18
00016.03.1	Technology Design	2.50	.76	.27	2.00	.93	.33
00016.03.1	Equipment Selection	1.88	.64	.23	2.00	1.41	.50
00016.03.1	Installation	1.00	.00	.00	.00	.00	.00
00016.03.1	Programming	2.75	.71	.25	2.63	.52	.18
00016.03.1	Quality Control Analysis	2.75	.46	.16	3.00	.53	.19
00016.03.1	Operations Monitoring	2.88	.35	.13	2.88	.35	.13
00016.03.1	Operation and Control	2.00	.76	.27	1.63	1.19	.42
00016.03.1	Equipment Maintenance	1.38	.52	.18	.63	.92	.32
00016.03.1	Troubleshooting	2.50	.76	.27	2.50	1.31	.46
00016.03.1	Repairing	1.50	.76	.27	.75	1.16	.41
00016.03.1	Systems Analysis	3.63	.52	.18	3.50	.53	.19
00016.03.1	Systems Evaluation	3.63	.52	.18	3.88	.35	.13
00016.03.1	Judg. and Dec. Making	3.88	.35	.13	3.75	.46	.16
00016.03.1	Time Management	3.38	.52	.18	3.75	.46	.16
00016.03.1	M. of Financial Resources	3.00	.00	.00	3.38	.52	.18
00016.03.1	M. of Material Resources	2.75	.46	.16	3.13	.35	.13
00016.03.1	M. of Personnel Resources	3.63	.52	.18	3.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SEM > .51$

## Biofuels Production Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01536.01.1	Reading Comprehension	3.88	.64	.23	4.00	.76	.27
01536.01.1	Active Listening	3.75	.71	.25	3.88	.64	.23
01536.01.1	Writing	3.50	.53	.19	3.50	.53	.19
01536.01.1	Speaking	3.63	.74	.26	4.00	.76	.27
01536.01.1	Mathematics	3.00	.76	.27	3.25	.71	.25
01536.01.1	Science	3.00	.93	.33	3.50	1.07	.38
01536.01.1	Critical Thinking	3.88	.35	.13	3.88	.83	.30
01536.01.1	Active Learning	3.25	.46	.16	3.63	.74	.26
01536.01.1	Learning Strategies	3.38	.52	.18	3.50	.53	.19
01536.01.1	Monitoring	3.75	.71	.25	3.88	.64	.23
01536.01.1	Social Perceptiveness	3.38	.52	.18	3.75	.71	.25
01536.01.1	Coordination	3.63	.52	.18	4.00	.53	.19
01536.01.1	Persuasion	3.13	.35	.13	3.38	.52	.18
01536.01.1	Negotiation	3.00	.00	.00	3.25	.46	.16
01536.01.1	Instructing	3.25	.46	.16	3.63	.52	.18
01536.01.1	Service Orientation	3.25	.46	.16	3.25	.71	.25
01536.01.1	Complex Problem Solving	3.38	.52	.18	3.75	.71	.25
01536.01.1	Operations Analysis	2.13	.99	.35	2.00	1.77	.63
01536.01.1	Technology Design	1.88	.83	.30	1.50	1.51	.53
01536.01.1	Equipment Selection	1.25	.46	.16	.38	.74	.26
01536.01.1	Installation	1.00	.00	.00	.00	.00	.00
01536.01.1	Programming	2.13	.83	.30	1.63	1.41	.50
01536.01.1	Quality Control Analysis	2.63	.74	.26	3.13	.99	.35
01536.01.1	Operations Monitoring	3.00	.53	.19	3.50	.93	.33
01536.01.1	Operation and Control	3.13	.83	.30	3.38	.92	.32
01536.01.1	Equipment Maintenance	1.50	1.07	.38	.75	1.49	.53
01536.01.1	Troubleshooting	2.25	.89	.31	2.00	1.20	.42
01536.01.1	Repairing	1.13	.35	.13	.13	.35	.13
01536.01.1	Systems Analysis	3.25	.71	.25	3.50	.93	.33
01536.01.1	Systems Evaluation	3.00	.76	.27	3.38	.74	.26
01536.01.1	Judg. and Dec. Making	3.50	.53	.19	3.88	.99	.35
01536.01.1	Time Management	3.50	.53	.19	3.75	.89	.31
01536.01.1	M. of Financial Resources	3.00	.76	.27	3.13	.83	.30
01536.01.1	M. of Material Resources	2.75	.71	.25	3.00	.76	.27
01536.01.1	M. of Personnel Resources	3.88	.64	.23	3.63	.92	.32

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SEM > .51$

## Hydroelectric Production Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01539.01.1	Reading Comprehension	3.88	.64	.23	4.13	.35	.13
01539.01.1	Active Listening	4.13	.35	.13	4.00	.00	.00
01539.01.1	Writing	3.50	.53	.19	3.88	.35	.13
01539.01.1	Speaking	4.13	.35	.13	4.13	.35	.13
01539.01.1	Mathematics	3.25	.71	.25	3.50	.53	.19
01539.01.1	Science	3.25	.89	.31	3.25	.89	.31
01539.01.1	Critical Thinking	3.75	.46	.16	4.00	.00	.00
01539.01.1	Active Learning	3.63	.52	.18	3.63	.52	.18
01539.01.1	Learning Strategies	3.63	.52	.18	3.75	.46	.16
01539.01.1	Monitoring	3.88	.64	.23	3.75	.46	.16
01539.01.1	Social Perceptiveness	3.25	.46	.16	3.63	.74	.26
01539.01.1	Coordination	3.50	.53	.19	3.75	.71	.25
01539.01.1	Persuasion	3.38	.52	.18	3.50	.53	.19
01539.01.1	Negotiation	3.25	.46	.16	3.63	.52	.18
01539.01.1	Instructing	3.38	.52	.18	3.88	.35	.13
01539.01.1	Service Orientation	3.38	.52	.18	3.38	.74	.26
01539.01.1	Complex Problem Solving	3.63	.52	.18	3.75	.46	.16
01539.01.1	Operations Analysis	2.13	1.13	.40	2.00	1.85	.65
01539.01.1	Technology Design	1.88	.64	.23	1.38	1.06	.38
01539.01.1	Equipment Selection	2.13	.83	.30	1.88	1.25	.44
01539.01.1	Installation	1.25	.71	.25	.38	1.06	.38
01539.01.1	Programming	2.13	.99	.35	1.38	1.19	.42
01539.01.1	Quality Control Analysis	3.25	.89	.31	3.38	.74	.26
01539.01.1	Operations Monitoring	3.38	.74	.26	3.63	.92	.32
01539.01.1	Operation and Control	3.25	1.04	.37	3.25	.71	.25
01539.01.1	Equipment Maintenance	2.75	.71	.25	2.63	.92	.32
01539.01.1	Troubleshooting	2.75	.71	.25	3.00	.76	.27
01539.01.1	Repairing	2.38	.74	.26	2.75	.71	.25
01539.01.1	Systems Analysis	3.38	.74	.26	3.38	1.06	.38
01539.01.1	Systems Evaluation	3.38	.74	.26	3.50	.76	.27
01539.01.1	Judg. and Dec. Making	3.88	.35	.13	3.88	.35	.13
01539.01.1	Time Management	3.75	.46	.16	3.75	.46	.16
01539.01.1	M. of Financial Resources	3.00	.53	.19	3.38	.74	.26
01539.01.1	M. of Material Resources	3.00	.53	.19	3.38	.74	.26
01539.01.1	M. of Personnel Resources	3.75	.46	.16	3.75	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a SEM > .51

## Aquacultural Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00669.02.1	Reading Comprehension	3.75	.46	.16	3.88	.35	.13
00669.02.1	Active Listening	3.63	.52	.18	4.00	.00	.00
00669.02.1	Writing	3.50	.53	.19	3.88	.35	.13
00669.02.1	Speaking	4.00	.00	.00	3.88	.35	.13
00669.02.1	Mathematics	2.63	.52	.18	2.50	.53	.19
00669.02.1	Science	3.25	.46	.16	3.38	.52	.18
00669.02.1	Critical Thinking	3.88	.35	.13	3.63	.52	.18
00669.02.1	Active Learning	3.38	.52	.18	3.50	.53	.19
00669.02.1	Learning Strategies	3.13	.35	.13	3.00	.00	.00
00669.02.1	Monitoring	4.00	.00	.00	4.00	.00	.00
00669.02.1	Social Perceptiveness	3.50	.53	.19	3.50	.53	.19
00669.02.1	Coordination	3.13	.35	.13	3.75	.46	.16
00669.02.1	Persuasion	3.13	.35	.13	3.25	.46	.16
00669.02.1	Negotiation	3.13	.35	.13	3.25	.46	.16
00669.02.1	Instructing	3.00	.00	.00	3.00	.00	.00
00669.02.1	Service Orientation	3.00	.00	.00	3.13	.35	.13
00669.02.1	Complex Problem Solving	3.50	.53	.19	3.25	.46	.16
00669.02.1	Operations Analysis	2.75	.46	.16	2.75	.46	.16
00669.02.1	Technology Design	1.88	.35	.13	1.25	.71	.25
00669.02.1	Equipment Selection	2.13	.35	.13	2.00	.00	.00
00669.02.1	Installation	1.00	.00	.00	.00	.00	.00
00669.02.1	Programming	1.88	.64	.23	1.00	.76	.27
00669.02.1	Quality Control Analysis	3.00	.53	.19	3.13	.35	.13
00669.02.1	Operations Monitoring	3.25	.46	.16	3.13	.35	.13
00669.02.1	Operation and Control	3.13	.35	.13	3.00	.00	.00
00669.02.1	Equipment Maintenance	2.25	.46	.16	2.63	.52	.18
00669.02.1	Troubleshooting	2.38	.74	.26	2.50	.53	.19
00669.02.1	Repairing	2.13	.35	.13	2.00	.00	.00
00669.02.1	Systems Analysis	3.25	.46	.16	3.63	.52	.18
00669.02.1	Systems Evaluation	3.25	.46	.16	3.50	.53	.19
00669.02.1	Judg. and Dec. Making	3.75	.46	.16	3.50	.53	.19
00669.02.1	Time Management	3.88	.35	.13	3.50	.53	.19
00669.02.1	M. of Financial Resources	2.88	.35	.13	3.25	.46	.16
00669.02.1	M. of Material Resources	2.50	.53	.19	3.13	.35	.13
00669.02.1	M. of Personnel Resources	3.50	.53	.19	3.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SEM > .51$



## Medical and Health Services Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00021.03.1	Reading Comprehension	4.00	.00	.00	4.13	.35	.13
00021.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00021.03.1	Writing	4.00	.00	.00	4.00	.00	.00
00021.03.1	Speaking	4.25	.46	.16	4.00	.00	.00
00021.03.1	Mathematics	2.75	.46	.16	2.88	.35	.13
00021.03.1	Science	2.75	.46	.16	3.13	.83	.30
00021.03.1	Critical Thinking	4.13	.35	.13	4.00	.00	.00
00021.03.1	Active Learning	3.88	.35	.13	4.00	.00	.00
00021.03.1	Learning Strategies	3.13	.35	.13	3.75	.46	.16
00021.03.1	Monitoring	3.63	.52	.18	4.00	.00	.00
00021.03.1	Social Perceptiveness	3.88	.35	.13	4.00	.00	.00
00021.03.1	Coordination	4.00	.00	.00	4.25	.46	.16
00021.03.1	Persuasion	3.63	.52	.18	3.50	.53	.19
00021.03.1	Negotiation	3.50	.53	.19	3.38	.52	.18
00021.03.1	Instructing	3.63	.52	.18	3.50	.53	.19
00021.03.1	Service Orientation	3.75	.46	.16	3.50	.53	.19
00021.03.1	Complex Problem Solving	3.75	.46	.16	3.38	.52	.18
00021.03.1	Operations Analysis	3.50	.53	.19	3.88	.35	.13
00021.03.1	Technology Design	2.00	.93	.33	1.13	.99	.35
00021.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00021.03.1	Installation	1.00	.00	.00	.00	.00	.00
00021.03.1	Programming	1.75	.46	.16	1.00	.76	.27
00021.03.1	Quality Control Analysis	1.75	.46	.16	1.38	.92	.32
00021.03.1	Operations Monitoring	1.88	.35	.13	1.63	.74	.26
00021.03.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00021.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00021.03.1	Troubleshooting	1.25	.46	.16	.25	.46	.16
00021.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00021.03.1	Systems Analysis	3.50	.76	.27	3.25	.46	.16
00021.03.1	Systems Evaluation	3.75	.46	.16	3.50	.53	.19
00021.03.1	Judg. and Dec. Making	4.00	.00	.00	4.00	.00	.00
00021.03.1	Time Management	4.00	.00	.00	4.00	.00	.00
00021.03.1	M. of Financial Resources	3.25	.46	.16	4.00	.53	.19
00021.03.1	M. of Material Resources	3.13	.35	.13	3.63	.52	.18
00021.03.1	M. of Personnel Resources	3.75	.46	.16	3.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Postmasters and Mail Superintendents

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00017.02.1	Reading Comprehension	4.00	.00	.00	3.88	.35	.13
00017.02.1	Active Listening	4.00	.00	.00	3.38	.74	.26
00017.02.1	Writing	3.25	.46	.16	3.75	.46	.16
00017.02.1	Speaking	4.00	.00	.00	4.00	.00	.00
00017.02.1	Mathematics	2.75	.46	.16	2.50	.53	.19
00017.02.1	Science	1.50	.53	.19	.50	.53	.19
00017.02.1	Critical Thinking	3.75	.46	.16	3.88	.35	.13
00017.02.1	Active Learning	3.25	.46	.16	3.13	.35	.13
00017.02.1	Learning Strategies	3.38	.52	.18	3.25	.46	.16
00017.02.1	Monitoring	3.75	.46	.16	3.63	.52	.18
00017.02.1	Social Perceptiveness	4.00	.00	.00	3.50	.53	.19
00017.02.1	Coordination	4.00	.00	.00	3.50	.53	.19
00017.02.1	Persuasion	3.25	.46	.16	3.50	.53	.19
00017.02.1	Negotiation	3.63	.52	.18	3.25	.46	.16
00017.02.1	Instructing	3.25	.46	.16	3.25	.46	.16
00017.02.1	Service Orientation	3.38	.52	.18	3.13	.35	.13
00017.02.1	Complex Problem Solving	3.13	.35	.13	3.13	.35	.13
00017.02.1	Operations Analysis	2.50	.53	.19	2.13	.35	.13
00017.02.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00017.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00017.02.1	Installation	1.00	.00	.00	.00	.00	.00
00017.02.1	Programming	1.75	.46	.16	.88	.64	.23
00017.02.1	Quality Control Analysis	2.25	.46	.16	1.88	.35	.13
00017.02.1	Operations Monitoring	2.50	.53	.19	2.25	.46	.16
00017.02.1	Operation and Control	1.63	.52	.18	1.25	1.04	.37
00017.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00017.02.1	Troubleshooting	2.00	.00	.00	1.50	.53	.19
00017.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00017.02.1	Systems Analysis	3.00	.00	.00	3.00	.00	.00
00017.02.1	Systems Evaluation	2.88	.35	.13	3.00	.00	.00
00017.02.1	Judg. and Dec. Making	3.25	.46	.16	3.13	.35	.13
00017.02.1	Time Management	4.00	.00	.00	3.88	.35	.13
00017.02.1	M. of Financial Resources	2.75	.46	.16	2.75	.46	.16
00017.02.1	M. of Material Resources	2.75	.46	.16	2.75	.46	.16
00017.02.1	M. of Personnel Resources	3.88	.35	.13	3.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SEM > .51$

## Wind Energy Operations Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01554.01.1	Reading Comprehension	3.75	.46	.16	4.38	.52	.18
01554.01.1	Active Listening	3.88	.35	.13	3.88	.83	.30
01554.01.1	Writing	3.50	.53	.19	3.88	.35	.13
01554.01.1	Speaking	4.00	.00	.00	4.00	.53	.19
01554.01.1	Mathematics	3.13	.35	.13	3.25	.89	.31
01554.01.1	Science	1.63	.74	.26	1.00	1.07	.38
01554.01.1	Critical Thinking	4.00	.53	.19	3.88	.64	.23
01554.01.1	Active Learning	3.38	.52	.18	3.50	.53	.19
01554.01.1	Learning Strategies	3.00	.53	.19	3.38	.52	.18
01554.01.1	Monitoring	4.00	.00	.00	4.38	.52	.18
01554.01.1	Social Perceptiveness	3.75	.46	.16	3.88	.35	.13
01554.01.1	Coordination	3.50	.53	.19	4.13	.64	.23
01554.01.1	Persuasion	3.63	.52	.18	3.63	.52	.18
01554.01.1	Negotiation	3.38	.52	.18	3.63	.52	.18
01554.01.1	Instructing	3.00	.53	.19	3.50	.53	.19
01554.01.1	Service Orientation	2.88	.64	.23	3.00	.53	.19
01554.01.1	Complex Problem Solving	3.38	.74	.26	3.50	.76	.27
01554.01.1	Operations Analysis	2.00	1.07	.38	1.75	1.67	.59
01554.01.1	Technology Design	1.88	.64	.23	1.38	1.06	.38
01554.01.1	Equipment Selection	2.13	.64	.23	1.88	.83	.30
01554.01.1	Installation	1.00	.00	.00	.00	.00	.00
01554.01.1	Programming	1.75	.46	.16	1.38	.92	.32
01554.01.1	Quality Control Analysis	2.63	.52	.18	2.75	.46	.16
01554.01.1	Operations Monitoring	2.63	.52	.18	2.88	.35	.13
01554.01.1	Operation and Control	2.25	.71	.25	2.38	1.06	.38
01554.01.1	Equipment Maintenance	2.00	.53	.19	2.00	.93	.33
01554.01.1	Troubleshooting	2.50	.53	.19	2.25	.71	.25
01554.01.1	Repairing	2.00	.53	.19	2.00	.93	.33
01554.01.1	Systems Analysis	3.00	.53	.19	3.38	.74	.26
01554.01.1	Systems Evaluation	2.88	.35	.13	3.25	.89	.31
01554.01.1	Judg. and Dec. Making	3.25	.46	.16	3.75	.46	.16
01554.01.1	Time Management	3.13	.64	.23	3.38	.74	.26
01554.01.1	M. of Financial Resources	2.88	.64	.23	3.50	1.07	.38
01554.01.1	M. of Material Resources	2.88	.64	.23	3.38	1.06	.38
01554.01.1	M. of Personnel Resources	3.63	.52	.18	4.00	.76	.27

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Wind Energy Project Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01555.01.1	Reading Comprehension	3.88	.35	.13	4.25	.46	.16
01555.01.1	Active Listening	3.75	.46	.16	3.75	.71	.25
01555.01.1	Writing	3.88	.35	.13	3.88	.35	.13
01555.01.1	Speaking	3.88	.35	.13	3.75	.46	.16
01555.01.1	Mathematics	3.00	.00	.00	3.50	.53	.19
01555.01.1	Science	1.75	.71	.25	1.13	.99	.35
01555.01.1	Critical Thinking	4.00	.00	.00	4.25	.46	.16
01555.01.1	Active Learning	3.38	.52	.18	4.00	.53	.19
01555.01.1	Learning Strategies	2.75	.71	.25	2.88	.64	.23
01555.01.1	Monitoring	3.50	.53	.19	3.88	.64	.23
01555.01.1	Social Perceptiveness	3.50	.53	.19	3.63	.52	.18
01555.01.1	Coordination	3.63	.52	.18	3.88	.64	.23
01555.01.1	Persuasion	3.25	.46	.16	3.75	.46	.16
01555.01.1	Negotiation	3.38	.52	.18	3.75	.46	.16
01555.01.1	Instructing	2.88	.64	.23	3.25	.46	.16
01555.01.1	Service Orientation	2.88	.35	.13	3.13	.35	.13
01555.01.1	Complex Problem Solving	3.38	.74	.26	3.25	.71	.25
01555.01.1	Operations Analysis	2.00	.93	.33	1.63	1.77	.63
01555.01.1	Technology Design	1.75	.46	.16	1.00	.76	.27
01555.01.1	Equipment Selection	1.25	.71	.25	.38	1.06	.38
01555.01.1	Installation	1.00	.00	.00	.00	.00	.00
01555.01.1	Programming	1.75	.46	.16	1.25	.89	.31
01555.01.1	Quality Control Analysis	2.38	.52	.18	2.50	.93	.33
01555.01.1	Operations Monitoring	2.13	.64	.23	1.88	.83	.30
01555.01.1	Operation and Control	1.88	.64	.23	1.38	1.19	.42
01555.01.1	Equipment Maintenance	1.13	.35	.13	.38	1.06	.38
01555.01.1	Troubleshooting	2.00	.53	.19	1.38	.92	.32
01555.01.1	Repairing	1.13	.35	.13	.38	1.06	.38
01555.01.1	Systems Analysis	3.00	.76	.27	3.13	.83	.30
01555.01.1	Systems Evaluation	3.00	.93	.33	3.38	1.06	.38
01555.01.1	Judg. and Dec. Making	3.63	.52	.18	3.50	.53	.19
01555.01.1	Time Management	3.38	.52	.18	3.63	.52	.18
01555.01.1	M. of Financial Resources	3.13	.64	.23	3.50	.53	.19
01555.01.1	M. of Material Resources	3.00	.53	.19	3.50	.53	.19
01555.01.1	M. of Personnel Resources	3.38	.52	.18	3.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Insurance Appraisers, Auto Damage

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00460.02.1	Reading Comprehension	3.50	.76	.27	3.63	.52	.18
00460.02.1	Active Listening	3.50	.76	.27	3.88	.35	.13
00460.02.1	Writing	3.75	.71	.25	3.25	.46	.16
00460.02.1	Speaking	3.75	.46	.16	3.75	.46	.16
00460.02.1	Mathematics	2.63	.52	.18	2.75	.46	.16
00460.02.1	Science	1.13	.35	.13	.25	.71	.25
00460.02.1	Critical Thinking	3.38	.52	.18	3.75	.46	.16
00460.02.1	Active Learning	2.88	.35	.13	3.00	.00	.00
00460.02.1	Learning Strategies	2.13	.35	.13	1.50	.53	.19
00460.02.1	Monitoring	2.50	.53	.19	2.88	.35	.13
00460.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
00460.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
00460.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
00460.02.1	Negotiation	2.88	.35	.13	2.88	.35	.13
00460.02.1	Instructing	2.25	.46	.16	2.00	.00	.00
00460.02.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
00460.02.1	Complex Problem Solving	2.88	.35	.13	2.88	.35	.13
00460.02.1	Operations Analysis	1.88	.64	.23	1.38	1.06	.38
00460.02.1	Technology Design	1.38	.52	.18	.50	.76	.27
00460.02.1	Equipment Selection	1.50	.53	.19	.63	.74	.26
00460.02.1	Installation	1.00	.00	.00	.00	.00	.00
00460.02.1	Programming	1.25	.46	.16	.50	.93	.33
00460.02.1	Quality Control Analysis	2.38	.74	.26	2.25	.46	.16
00460.02.1	Operations Monitoring	2.38	.52	.18	2.25	.46	.16
00460.02.1	Operation and Control	2.00	.00	.00	2.00	.00	.00
00460.02.1	Equipment Maintenance	1.50	.53	.19	.75	.89	.31
00460.02.1	Troubleshooting	2.13	.35	.13	1.50	.53	.19
00460.02.1	Repairing	1.63	.52	.18	.88	.83	.30
00460.02.1	Systems Analysis	2.38	.52	.18	2.13	.35	.13
00460.02.1	Systems Evaluation	2.38	.74	.26	2.38	.74	.26
00460.02.1	Judg. and Dec. Making	3.13	.64	.23	3.13	.64	.23
00460.02.1	Time Management	3.25	.46	.16	3.00	.53	.19
00460.02.1	M. of Financial Resources	2.00	.00	.00	1.63	.52	.18
00460.02.1	M. of Material Resources	1.50	.53	.19	.88	.99	.35
00460.02.1	M. of Personnel Resources	2.38	.52	.18	2.13	.83	.30

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Government Property Inspectors and Investigators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00081.02.1	Reading Comprehension	4.00	.00	.00	4.25	.46	.16
00081.02.1	Active Listening	4.13	.35	.13	4.13	.35	.13
00081.02.1	Writing	4.00	.00	.00	4.00	.00	.00
00081.02.1	Speaking	4.00	.00	.00	4.13	.35	.13
00081.02.1	Mathematics	2.88	.35	.13	3.13	.35	.13
00081.02.1	Science	1.88	.35	.13	1.25	.71	.25
00081.02.1	Critical Thinking	4.00	.00	.00	4.13	.35	.13
00081.02.1	Active Learning	3.50	.53	.19	3.38	.52	.18
00081.02.1	Learning Strategies	3.00	.53	.19	3.13	.35	.13
00081.02.1	Monitoring	3.38	.52	.18	4.13	.35	.13
00081.02.1	Social Perceptiveness	3.38	.52	.18	3.25	.71	.25
00081.02.1	Coordination	3.38	.52	.18	3.38	.52	.18
00081.02.1	Persuasion	3.00	.53	.19	3.50	.53	.19
00081.02.1	Negotiation	3.00	.53	.19	3.25	.46	.16
00081.02.1	Instructing	3.13	.64	.23	3.25	.71	.25
00081.02.1	Service Orientation	3.13	.83	.30	3.13	.35	.13
00081.02.1	Complex Problem Solving	3.50	.53	.19	3.38	.52	.18
00081.02.1	Operations Analysis	1.75	.46	.16	1.25	.89	.31
00081.02.1	Technology Design	1.63	.52	.18	.75	.71	.25
00081.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00081.02.1	Installation	1.00	.00	.00	.00	.00	.00
00081.02.1	Programming	1.75	.46	.16	1.25	.89	.31
00081.02.1	Quality Control Analysis	3.13	.35	.13	3.25	.46	.16
00081.02.1	Operations Monitoring	3.00	.53	.19	3.00	.53	.19
00081.02.1	Operation and Control	2.38	.52	.18	2.50	.53	.19
00081.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00081.02.1	Troubleshooting	1.75	.46	.16	1.13	.83	.30
00081.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00081.02.1	Systems Analysis	3.25	.46	.16	3.38	.52	.18
00081.02.1	Systems Evaluation	3.38	.52	.18	3.38	.52	.18
00081.02.1	Judg. and Dec. Making	4.00	.00	.00	4.00	.00	.00
00081.02.1	Time Management	3.13	.35	.13	3.13	.64	.23
00081.02.1	M. of Financial Resources	2.00	.76	.27	1.50	.93	.33
00081.02.1	M. of Material Resources	2.13	.64	.23	1.88	.83	.30
00081.02.1	M. of Personnel Resources	2.75	.46	.16	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Cost Estimators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00071.03.1	Reading Comprehension	3.88	.35	.13	4.13	.35	.13
00071.03.1	Active Listening	3.75	.46	.16	4.13	.35	.13
00071.03.1	Writing	3.50	.53	.19	3.75	.46	.16
00071.03.1	Speaking	3.75	.46	.16	3.75	.46	.16
00071.03.1	Mathematics	4.00	.00	.00	4.25	.46	.16
00071.03.1	Science	1.50	.53	.19	.63	.74	.26
00071.03.1	Critical Thinking	3.88	.35	.13	4.25	.46	.16
00071.03.1	Active Learning	3.25	.46	.16	3.88	.35	.13
00071.03.1	Learning Strategies	2.88	.64	.23	3.00	.00	.00
00071.03.1	Monitoring	3.00	.00	.00	3.63	.52	.18
00071.03.1	Social Perceptiveness	3.13	.35	.13	3.00	.00	.00
00071.03.1	Coordination	3.13	.35	.13	3.25	.46	.16
00071.03.1	Persuasion	3.00	.00	.00	3.75	.46	.16
00071.03.1	Negotiation	3.13	.35	.13	3.38	.52	.18
00071.03.1	Instructing	2.75	.46	.16	2.88	.35	.13
00071.03.1	Service Orientation	2.50	.53	.19	2.75	.46	.16
00071.03.1	Complex Problem Solving	3.25	.46	.16	3.63	.52	.18
00071.03.1	Operations Analysis	2.50	.76	.27	2.38	1.06	.38
00071.03.1	Technology Design	1.75	.46	.16	.88	.64	.23
00071.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00071.03.1	Installation	1.00	.00	.00	.00	.00	.00
00071.03.1	Programming	1.88	.35	.13	1.63	.74	.26
00071.03.1	Quality Control Analysis	1.50	.53	.19	.63	.74	.26
00071.03.1	Operations Monitoring	1.75	.46	.16	1.38	.92	.32
00071.03.1	Operation and Control	1.13	.35	.13	.13	.35	.13
00071.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00071.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00071.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00071.03.1	Systems Analysis	3.25	.46	.16	3.63	.52	.18
00071.03.1	Systems Evaluation	3.13	.35	.13	3.25	.46	.16
00071.03.1	Judg. and Dec. Making	3.75	.46	.16	3.75	.71	.25
00071.03.1	Time Management	3.00	.00	.00	3.00	.53	.19
00071.03.1	M. of Financial Resources	3.25	.46	.16	3.88	.35	.13
00071.03.1	M. of Material Resources	2.88	.64	.23	3.25	.46	.16
00071.03.1	M. of Personnel Resources	2.63	.74	.26	2.50	1.07	.38

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Logisticians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01193.02.1	Reading Comprehension	3.88	.35	.13	4.13	.35	.13
01193.02.1	Active Listening	3.88	.35	.13	4.13	.35	.13
01193.02.1	Writing	3.38	.52	.18	3.75	.46	.16
01193.02.1	Speaking	3.88	.35	.13	4.00	.53	.19
01193.02.1	Mathematics	3.00	.00	.00	3.38	.52	.18
01193.02.1	Science	1.75	.46	.16	.88	.64	.23
01193.02.1	Critical Thinking	4.00	.00	.00	4.13	.35	.13
01193.02.1	Active Learning	3.50	.53	.19	3.50	.53	.19
01193.02.1	Learning Strategies	3.00	.53	.19	3.50	.53	.19
01193.02.1	Monitoring	3.88	.35	.13	4.63	.52	.18
01193.02.1	Social Perceptiveness	3.63	.52	.18	3.63	.52	.18
01193.02.1	Coordination	3.88	.35	.13	4.25	.46	.16
01193.02.1	Persuasion	3.25	.46	.16	3.63	.52	.18
01193.02.1	Negotiation	3.25	.46	.16	3.50	.53	.19
01193.02.1	Instructing	3.13	.35	.13	3.00	.00	.00
01193.02.1	Service Orientation	3.25	.46	.16	3.38	.52	.18
01193.02.1	Complex Problem Solving	3.75	.46	.16	3.88	.35	.13
01193.02.1	Operations Analysis	3.13	.35	.13	4.00	.00	.00
01193.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01193.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
01193.02.1	Installation	1.00	.00	.00	.00	.00	.00
01193.02.1	Programming	1.88	.35	.13	1.75	.71	.25
01193.02.1	Quality Control Analysis	2.25	.46	.16	2.25	.46	.16
01193.02.1	Operations Monitoring	2.00	.53	.19	1.63	.74	.26
01193.02.1	Operation and Control	1.13	.35	.13	.13	.35	.13
01193.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01193.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01193.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01193.02.1	Systems Analysis	3.50	.53	.19	3.88	.64	.23
01193.02.1	Systems Evaluation	3.25	.46	.16	3.88	.64	.23
01193.02.1	Judg. and Dec. Making	3.63	.52	.18	4.00	.53	.19
01193.02.1	Time Management	3.38	.52	.18	3.75	.46	.16
01193.02.1	M. of Financial Resources	2.63	.52	.18	2.25	.46	.16
01193.02.1	M. of Material Resources	2.88	.64	.23	2.63	.74	.26
01193.02.1	M. of Personnel Resources	3.25	.46	.16	3.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Management Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00072.02.1	Reading Comprehension	4.13	.35	.13	4.13	.35	.13
00072.02.1	Active Listening	4.13	.35	.13	4.13	.35	.13
00072.02.1	Writing	4.00	.53	.19	4.00	.00	.00
00072.02.1	Speaking	4.00	.00	.00	4.00	.00	.00
00072.02.1	Mathematics	3.00	.00	.00	3.25	.46	.16
00072.02.1	Science	2.00	.53	.19	1.88	.83	.30
00072.02.1	Critical Thinking	4.13	.35	.13	4.13	.35	.13
00072.02.1	Active Learning	3.38	.52	.18	3.75	.46	.16
00072.02.1	Learning Strategies	3.00	.53	.19	3.50	.53	.19
00072.02.1	Monitoring	3.88	.35	.13	4.00	.00	.00
00072.02.1	Social Perceptiveness	3.88	.35	.13	3.75	.46	.16
00072.02.1	Coordination	3.75	.46	.16	3.63	.52	.18
00072.02.1	Persuasion	3.13	.35	.13	3.50	.53	.19
00072.02.1	Negotiation	3.00	.00	.00	3.00	.00	.00
00072.02.1	Instructing	3.13	.64	.23	3.38	.52	.18
00072.02.1	Service Orientation	3.13	.64	.23	3.00	.00	.00
00072.02.1	Complex Problem Solving	3.88	.64	.23	4.00	.53	.19
00072.02.1	Operations Analysis	3.13	.35	.13	4.13	.35	.13
00072.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
00072.02.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
00072.02.1	Installation	1.00	.00	.00	.00	.00	.00
00072.02.1	Programming	1.75	.46	.16	.88	.64	.23
00072.02.1	Quality Control Analysis	1.50	.53	.19	.63	.74	.26
00072.02.1	Operations Monitoring	1.63	.52	.18	.63	.52	.18
00072.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00072.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00072.02.1	Troubleshooting	1.25	.46	.16	.25	.46	.16
00072.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00072.02.1	Systems Analysis	3.88	.64	.23	4.00	.53	.19
00072.02.1	Systems Evaluation	4.00	.53	.19	4.00	.53	.19
00072.02.1	Judg. and Dec. Making	4.00	.00	.00	4.13	.35	.13
00072.02.1	Time Management	3.13	.35	.13	3.13	.35	.13
00072.02.1	M. of Financial Resources	1.88	.35	.13	1.00	.53	.19
00072.02.1	M. of Material Resources	2.00	.00	.00	1.88	.35	.13
00072.02.1	M. of Personnel Resources	3.00	.00	.00	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Meeting, Convention, and Event Planners

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00097.03.1	Reading Comprehension	4.00	.00	.00	4.00	.00	.00
00097.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00097.03.1	Writing	3.50	.53	.19	3.63	.52	.18
00097.03.1	Speaking	4.00	.00	.00	4.00	.00	.00
00097.03.1	Mathematics	2.50	.53	.19	2.50	.53	.19
00097.03.1	Science	1.25	.46	.16	.25	.46	.16
00097.03.1	Critical Thinking	3.88	.35	.13	3.88	.35	.13
00097.03.1	Active Learning	3.38	.52	.18	3.13	.35	.13
00097.03.1	Learning Strategies	2.38	.52	.18	2.88	.35	.13
00097.03.1	Monitoring	3.50	.53	.19	3.75	.46	.16
00097.03.1	Social Perceptiveness	3.88	.35	.13	3.75	.46	.16
00097.03.1	Coordination	3.88	.35	.13	4.00	.53	.19
00097.03.1	Persuasion	3.50	.53	.19	3.50	.53	.19
00097.03.1	Negotiation	3.38	.52	.18	3.63	.52	.18
00097.03.1	Instructing	3.00	.00	.00	3.13	.35	.13
00097.03.1	Service Orientation	3.88	.35	.13	3.88	.64	.23
00097.03.1	Complex Problem Solving	3.63	.74	.26	3.50	.76	.27
00097.03.1	Operations Analysis	2.75	.71	.25	2.63	1.06	.38
00097.03.1	Technology Design	1.75	.46	.16	.75	.46	.16
00097.03.1	Equipment Selection	1.75	.46	.16	.88	.64	.23
00097.03.1	Installation	1.00	.00	.00	.00	.00	.00
00097.03.1	Programming	1.38	.52	.18	.38	.52	.18
00097.03.1	Quality Control Analysis	2.25	.89	.31	1.63	1.06	.38
00097.03.1	Operations Monitoring	2.00	.53	.19	1.63	.74	.26
00097.03.1	Operation and Control	2.00	.53	.19	1.75	.89	.31
00097.03.1	Equipment Maintenance	1.63	.52	.18	.63	.52	.18
00097.03.1	Troubleshooting	1.75	.46	.16	.75	.46	.16
00097.03.1	Repairing	1.75	.46	.16	.75	.46	.16
00097.03.1	Systems Analysis	3.25	.46	.16	3.13	.35	.13
00097.03.1	Systems Evaluation	3.13	.35	.13	3.38	.52	.18
00097.03.1	Judg. and Dec. Making	3.63	.52	.18	3.38	.52	.18
00097.03.1	Time Management	3.75	.46	.16	3.75	.46	.16
00097.03.1	M. of Financial Resources	3.00	.53	.19	3.13	.64	.23
00097.03.1	M. of Material Resources	2.88	.64	.23	2.88	.64	.23
00097.03.1	M. of Personnel Resources	3.25	.46	.16	3.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Energy Auditors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01560.02.1	Reading Comprehension	3.88	.35	.13	3.88	.35	.13
01560.02.1	Active Listening	3.88	.35	.13	3.75	.46	.16
01560.02.1	Writing	3.75	.46	.16	3.75	.46	.16
01560.02.1	Speaking	3.75	.46	.16	3.38	.52	.18
01560.02.1	Mathematics	3.38	.52	.18	3.13	.35	.13
01560.02.1	Science	3.00	.53	.19	3.00	.53	.19
01560.02.1	Critical Thinking	3.75	.46	.16	3.75	.46	.16
01560.02.1	Active Learning	3.13	.64	.23	3.25	.46	.16
01560.02.1	Learning Strategies	3.00	.53	.19	3.00	.00	.00
01560.02.1	Monitoring	3.25	.46	.16	3.38	.52	.18
01560.02.1	Social Perceptiveness	2.88	.35	.13	3.00	.00	.00
01560.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01560.02.1	Persuasion	3.00	.53	.19	3.00	.53	.19
01560.02.1	Negotiation	3.00	.53	.19	2.88	.35	.13
01560.02.1	Instructing	2.88	.35	.13	3.00	.00	.00
01560.02.1	Service Orientation	3.00	.53	.19	2.88	.64	.23
01560.02.1	Complex Problem Solving	3.25	.46	.16	3.25	.71	.25
01560.02.1	Operations Analysis	3.00	.53	.19	3.00	.53	.19
01560.02.1	Technology Design	2.13	.83	.30	1.50	1.31	.46
01560.02.1	Equipment Selection	2.00	.93	.33	1.25	1.28	.45
01560.02.1	Installation	1.50	.53	.19	.88	1.13	.40
01560.02.1	Programming	1.50	.53	.19	.75	.89	.31
01560.02.1	Quality Control Analysis	2.63	.74	.26	2.63	.92	.32
01560.02.1	Operations Monitoring	3.00	.00	.00	2.63	.52	.18
01560.02.1	Operation and Control	2.50	.53	.19	2.25	.46	.16
01560.02.1	Equipment Maintenance	1.13	.35	.13	.25	.71	.25
01560.02.1	Troubleshooting	2.13	.35	.13	2.00	.76	.27
01560.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01560.02.1	Systems Analysis	3.13	.35	.13	3.38	.74	.26
01560.02.1	Systems Evaluation	3.13	.35	.13	3.63	.52	.18
01560.02.1	Judg. and Dec. Making	3.75	.46	.16	3.50	.53	.19
01560.02.1	Time Management	3.25	.46	.16	3.25	.46	.16
01560.02.1	M. of Financial Resources	2.00	.00	.00	2.13	.35	.13
01560.02.1	M. of Material Resources	2.00	.00	.00	2.25	.46	.16
01560.02.1	M. of Personnel Resources	2.75	.46	.16	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Auditors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00052.03.1	Reading Comprehension	4.00	.00	.00	4.25	.46	.16
00052.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00052.03.1	Writing	3.88	.35	.13	4.00	.00	.00
00052.03.1	Speaking	3.88	.35	.13	4.00	.00	.00
00052.03.1	Mathematics	3.50	.53	.19	4.00	.00	.00
00052.03.1	Science	1.88	.35	.13	1.63	.74	.26
00052.03.1	Critical Thinking	3.88	.35	.13	4.00	.00	.00
00052.03.1	Active Learning	3.50	.53	.19	3.75	.46	.16
00052.03.1	Learning Strategies	2.88	.35	.13	3.00	.00	.00
00052.03.1	Monitoring	3.25	.46	.16	3.75	.46	.16
00052.03.1	Social Perceptiveness	3.13	.35	.13	3.25	.46	.16
00052.03.1	Coordination	3.13	.35	.13	3.38	.52	.18
00052.03.1	Persuasion	3.25	.46	.16	3.63	.52	.18
00052.03.1	Negotiation	3.13	.35	.13	3.25	.46	.16
00052.03.1	Instructing	3.00	.00	.00	3.50	.53	.19
00052.03.1	Service Orientation	3.00	.00	.00	3.25	.46	.16
00052.03.1	Complex Problem Solving	3.63	.52	.18	4.00	.00	.00
00052.03.1	Operations Analysis	2.63	.52	.18	2.63	.52	.18
00052.03.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00052.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00052.03.1	Installation	1.00	.00	.00	.00	.00	.00
00052.03.1	Programming	1.88	.35	.13	1.50	.76	.27
00052.03.1	Quality Control Analysis	2.00	.53	.19	1.75	.89	.31
00052.03.1	Operations Monitoring	2.00	.00	.00	1.88	.35	.13
00052.03.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00052.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00052.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00052.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00052.03.1	Systems Analysis	3.13	.35	.13	3.63	.52	.18
00052.03.1	Systems Evaluation	3.00	.00	.00	3.88	.35	.13
00052.03.1	Judg. and Dec. Making	3.50	.53	.19	4.00	.00	.00
00052.03.1	Time Management	3.38	.52	.18	3.75	.46	.16
00052.03.1	M. of Financial Resources	2.63	.52	.18	2.75	.46	.16
00052.03.1	M. of Material Resources	2.00	.00	.00	2.00	.00	.00
00052.03.1	M. of Personnel Resources	3.13	.35	.13	3.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Budget Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00054.03.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
00054.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00054.03.1	Writing	3.25	.46	.16	3.75	.46	.16
00054.03.1	Speaking	3.75	.46	.16	3.38	.52	.18
00054.03.1	Mathematics	3.75	.46	.16	3.50	.53	.19
00054.03.1	Science	1.25	.46	.16	.25	.46	.16
00054.03.1	Critical Thinking	3.75	.46	.16	3.88	.35	.13
00054.03.1	Active Learning	3.25	.46	.16	3.38	.74	.26
00054.03.1	Learning Strategies	2.88	.64	.23	2.75	.71	.25
00054.03.1	Monitoring	3.13	.35	.13	3.38	.52	.18
00054.03.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
00054.03.1	Coordination	3.00	.00	.00	3.00	.00	.00
00054.03.1	Persuasion	2.50	.53	.19	2.88	.35	.13
00054.03.1	Negotiation	2.50	.53	.19	2.75	.46	.16
00054.03.1	Instructing	2.88	.35	.13	2.88	.35	.13
00054.03.1	Service Orientation	2.88	.35	.13	2.75	.46	.16
00054.03.1	Complex Problem Solving	3.63	.52	.18	3.50	.53	.19
00054.03.1	Operations Analysis	2.63	.52	.18	3.00	.53	.19
00054.03.1	Technology Design	1.75	.46	.16	.88	.64	.23
00054.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00054.03.1	Installation	1.00	.00	.00	.00	.00	.00
00054.03.1	Programming	1.88	.64	.23	1.13	.99	.35
00054.03.1	Quality Control Analysis	1.25	.46	.16	.50	.93	.33
00054.03.1	Operations Monitoring	1.88	.35	.13	1.00	.53	.19
00054.03.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00054.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00054.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00054.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00054.03.1	Systems Analysis	3.13	.64	.23	3.50	.53	.19
00054.03.1	Systems Evaluation	2.88	.35	.13	3.00	.00	.00
00054.03.1	Judg. and Dec. Making	3.50	.53	.19	3.63	.52	.18
00054.03.1	Time Management	3.00	.00	.00	3.00	.00	.00
00054.03.1	M. of Financial Resources	3.13	.64	.23	3.75	.89	.31
00054.03.1	M. of Material Resources	2.25	.46	.16	2.00	.53	.19
00054.03.1	M. of Personnel Resources	2.75	.46	.16	2.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Financial Analysts

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00202.02.1	Reading Comprehension	4.00	.00	.00	4.13	.35	.13
00202.02.1	Active Listening	3.88	.35	.13	3.88	.35	.13
00202.02.1	Writing	3.75	.46	.16	4.13	.35	.13
00202.02.1	Speaking	3.75	.46	.16	3.75	.46	.16
00202.02.1	Mathematics	3.88	.35	.13	4.13	.64	.23
00202.02.1	Science	1.63	.52	.18	.75	.71	.25
00202.02.1	Critical Thinking	4.13	.35	.13	4.13	.35	.13
00202.02.1	Active Learning	3.50	.53	.19	3.88	.64	.23
00202.02.1	Learning Strategies	2.50	.53	.19	2.75	.46	.16
00202.02.1	Monitoring	3.25	.46	.16	3.63	.74	.26
00202.02.1	Social Perceptiveness	2.75	.46	.16	2.88	.35	.13
00202.02.1	Coordination	2.38	.74	.26	2.50	1.20	.42
00202.02.1	Persuasion	2.88	.35	.13	3.25	.71	.25
00202.02.1	Negotiation	2.38	.74	.26	2.38	1.06	.38
00202.02.1	Instructing	2.25	.71	.25	2.38	1.06	.38
00202.02.1	Service Orientation	2.50	.53	.19	2.38	.74	.26
00202.02.1	Complex Problem Solving	3.50	.53	.19	3.63	.52	.18
00202.02.1	Operations Analysis	2.25	.71	.25	2.13	1.13	.40
00202.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
00202.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00202.02.1	Installation	1.00	.00	.00	.00	.00	.00
00202.02.1	Programming	1.88	.64	.23	1.13	.99	.35
00202.02.1	Quality Control Analysis	1.75	.71	.25	1.00	.93	.33
00202.02.1	Operations Monitoring	1.63	.52	.18	.75	.71	.25
00202.02.1	Operation and Control	1.13	.35	.13	.25	.71	.25
00202.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00202.02.1	Troubleshooting	1.38	.52	.18	.38	.52	.18
00202.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00202.02.1	Systems Analysis	3.13	.35	.13	3.63	.52	.18
00202.02.1	Systems Evaluation	3.13	.35	.13	3.75	.71	.25
00202.02.1	Judg. and Dec. Making	3.63	.52	.18	3.75	.46	.16
00202.02.1	Time Management	2.88	.35	.13	2.75	.46	.16
00202.02.1	M. of Financial Resources	2.25	.89	.31	2.13	.99	.35
00202.02.1	M. of Material Resources	1.75	.46	.16	.75	.46	.16
00202.02.1	M. of Personnel Resources	1.88	.35	.13	1.88	.83	.30

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Loan Counselors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01197.02.1	Reading Comprehension	4.00	.00	.00	4.00	.00	.00
01197.02.1	Active Listening	4.00	.00	.00	4.00	.00	.00
01197.02.1	Writing	3.63	.52	.18	3.75	.46	.16
01197.02.1	Speaking	4.00	.00	.00	3.88	.35	.13
01197.02.1	Mathematics	3.25	.46	.16	3.25	.46	.16
01197.02.1	Science	1.50	.53	.19	.50	.53	.19
01197.02.1	Critical Thinking	4.00	.00	.00	4.00	.00	.00
01197.02.1	Active Learning	3.63	.52	.18	3.63	.52	.18
01197.02.1	Learning Strategies	3.38	.52	.18	3.50	.53	.19
01197.02.1	Monitoring	2.88	.35	.13	3.38	.52	.18
01197.02.1	Social Perceptiveness	3.63	.52	.18	3.50	.76	.27
01197.02.1	Coordination	3.38	.74	.26	3.13	.64	.23
01197.02.1	Persuasion	3.00	.00	.00	3.13	.35	.13
01197.02.1	Negotiation	3.00	.00	.00	3.13	.35	.13
01197.02.1	Instructing	3.38	.52	.18	3.50	.53	.19
01197.02.1	Service Orientation	3.50	.53	.19	3.50	.53	.19
01197.02.1	Complex Problem Solving	3.00	.53	.19	3.00	.53	.19
01197.02.1	Operations Analysis	2.13	.64	.23	2.00	.93	.33
01197.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
01197.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
01197.02.1	Installation	1.00	.00	.00	.00	.00	.00
01197.02.1	Programming	1.75	.46	.16	.88	.64	.23
01197.02.1	Quality Control Analysis	1.50	.53	.19	.63	.74	.26
01197.02.1	Operations Monitoring	1.25	.46	.16	.50	.93	.33
01197.02.1	Operation and Control	1.50	.53	.19	.88	.99	.35
01197.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01197.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01197.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01197.02.1	Systems Analysis	3.00	.00	.00	3.00	.00	.00
01197.02.1	Systems Evaluation	2.75	.46	.16	2.88	.35	.13
01197.02.1	Judg. and Dec. Making	3.50	.53	.19	3.75	.46	.16
01197.02.1	Time Management	3.13	.35	.13	3.38	.74	.26
01197.02.1	M. of Financial Resources	2.13	.64	.23	1.50	.76	.27
01197.02.1	M. of Material Resources	1.63	.52	.18	.75	.71	.25
01197.02.1	M. of Personnel Resources	2.63	.52	.18	2.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Software Developers, Applications

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01201.03.1	Reading Comprehension	3.13	.35	.13	3.88	.35	.13
01201.03.1	Active Listening	3.13	.35	.13	3.75	.46	.16
01201.03.1	Writing	3.00	.00	.00	3.50	.53	.19
01201.03.1	Speaking	3.25	.46	.16	3.75	.46	.16
01201.03.1	Mathematics	2.88	.35	.13	3.75	.71	.25
01201.03.1	Science	2.88	.35	.13	3.00	.53	.19
01201.03.1	Critical Thinking	3.63	.52	.18	4.00	.00	.00
01201.03.1	Active Learning	3.00	.00	.00	3.63	.52	.18
01201.03.1	Learning Strategies	3.00	.00	.00	3.13	.35	.13
01201.03.1	Monitoring	3.00	.00	.00	3.75	.46	.16
01201.03.1	Social Perceptiveness	2.88	.35	.13	3.00	.00	.00
01201.03.1	Coordination	3.00	.00	.00	3.38	.52	.18
01201.03.1	Persuasion	2.88	.35	.13	3.00	.53	.19
01201.03.1	Negotiation	2.75	.46	.16	2.75	.46	.16
01201.03.1	Instructing	2.88	.35	.13	3.38	.74	.26
01201.03.1	Service Orientation	2.88	.35	.13	3.00	.00	.00
01201.03.1	Complex Problem Solving	3.63	.52	.18	4.13	.64	.23
01201.03.1	Operations Analysis	3.50	.53	.19	3.75	.46	.16
01201.03.1	Technology Design	3.00	.53	.19	3.63	.52	.18
01201.03.1	Equipment Selection	1.88	.35	.13	1.75	.71	.25
01201.03.1	Installation	1.75	.46	.16	1.50	.93	.33
01201.03.1	Programming	4.00	.53	.19	4.75	.46	.16
01201.03.1	Quality Control Analysis	2.88	.83	.30	3.13	1.36	.48
01201.03.1	Operations Monitoring	2.75	.46	.16	3.13	.35	.13
01201.03.1	Operation and Control	2.00	.53	.19	2.25	1.04	.37
01201.03.1	Equipment Maintenance	1.25	.46	.16	.25	.46	.16
01201.03.1	Troubleshooting	2.88	.83	.30	4.25	1.75	.62
01201.03.1	Repairing	1.13	.35	.13	.13	.35	.13
01201.03.1	Systems Analysis	3.88	.35	.13	4.25	.46	.16
01201.03.1	Systems Evaluation	3.88	.35	.13	4.50	.53	.19
01201.03.1	Judg. and Dec. Making	3.75	.46	.16	4.13	.35	.13
01201.03.1	Time Management	2.88	.35	.13	3.50	.53	.19
01201.03.1	M. of Financial Resources	2.00	.00	.00	1.88	.64	.23
01201.03.1	M. of Material Resources	2.00	.00	.00	1.88	.64	.23
01201.03.1	M. of Personnel Resources	2.88	.35	.13	3.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Database Administrators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00193.03.1	Reading Comprehension	3.50	.53	.19	4.38	.52	.18
00193.03.1	Active Listening	3.50	.53	.19	3.88	.35	.13
00193.03.1	Writing	3.38	.52	.18	3.88	.35	.13
00193.03.1	Speaking	3.38	.52	.18	3.88	.35	.13
00193.03.1	Mathematics	3.13	.35	.13	3.50	.53	.19
00193.03.1	Science	2.00	.76	.27	1.50	1.07	.38
00193.03.1	Critical Thinking	3.88	.35	.13	4.13	.35	.13
00193.03.1	Active Learning	3.50	.53	.19	3.88	.64	.23
00193.03.1	Learning Strategies	3.00	.00	.00	3.38	.52	.18
00193.03.1	Monitoring	3.38	.52	.18	4.13	.35	.13
00193.03.1	Social Perceptiveness	2.75	.46	.16	3.00	.76	.27
00193.03.1	Coordination	3.13	.35	.13	3.50	.53	.19
00193.03.1	Persuasion	2.63	.52	.18	2.75	.46	.16
00193.03.1	Negotiation	2.13	.35	.13	2.38	.52	.18
00193.03.1	Instructing	3.00	.00	.00	3.75	.46	.16
00193.03.1	Service Orientation	2.75	.46	.16	3.00	.76	.27
00193.03.1	Complex Problem Solving	3.63	.52	.18	4.00	.53	.19
00193.03.1	Operations Analysis	3.13	.35	.13	3.38	.52	.18
00193.03.1	Technology Design	2.38	1.06	.38	2.25	1.49	.53
00193.03.1	Equipment Selection	1.88	.35	.13	1.88	.99	.35
00193.03.1	Installation	1.63	.52	.18	1.00	.93	.33
00193.03.1	Programming	3.38	.52	.18	3.88	.64	.23
00193.03.1	Quality Control Analysis	3.00	.53	.19	2.88	.64	.23
00193.03.1	Operations Monitoring	3.13	.35	.13	3.13	.35	.13
00193.03.1	Operation and Control	1.88	.35	.13	1.50	.76	.27
00193.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00193.03.1	Troubleshooting	2.88	.35	.13	3.13	.35	.13
00193.03.1	Repairing	1.25	.46	.16	.25	.46	.16
00193.03.1	Systems Analysis	3.38	.52	.18	3.88	.35	.13
00193.03.1	Systems Evaluation	3.38	.52	.18	4.00	.53	.19
00193.03.1	Judg. and Dec. Making	3.50	.53	.19	4.00	.00	.00
00193.03.1	Time Management	3.00	.53	.19	3.25	.71	.25
00193.03.1	M. of Financial Resources	2.00	.76	.27	2.00	1.31	.46
00193.03.1	M. of Material Resources	2.00	.76	.27	1.75	1.16	.41
00193.03.1	M. of Personnel Resources	2.75	.46	.16	3.25	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Software Quality Assurance Engineers and Testers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01517.02.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
01517.02.1	Active Listening	3.63	.52	.18	3.88	.35	.13
01517.02.1	Writing	3.63	.52	.18	3.88	.35	.13
01517.02.1	Speaking	3.75	.46	.16	3.50	.53	.19
01517.02.1	Mathematics	2.25	.46	.16	2.25	.46	.16
01517.02.1	Science	3.00	.53	.19	3.25	.71	.25
01517.02.1	Critical Thinking	4.00	.00	.00	3.88	.35	.13
01517.02.1	Active Learning	3.25	.46	.16	3.00	.00	.00
01517.02.1	Learning Strategies	2.75	.46	.16	2.88	.35	.13
01517.02.1	Monitoring	3.50	.53	.19	3.75	.46	.16
01517.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
01517.02.1	Coordination	2.88	.35	.13	3.00	.00	.00
01517.02.1	Persuasion	2.50	.53	.19	2.75	.46	.16
01517.02.1	Negotiation	2.38	.52	.18	2.13	.35	.13
01517.02.1	Instructing	2.75	.46	.16	2.88	.35	.13
01517.02.1	Service Orientation	2.38	.52	.18	2.75	.46	.16
01517.02.1	Complex Problem Solving	3.25	.46	.16	3.25	.46	.16
01517.02.1	Operations Analysis	3.13	.35	.13	3.38	.52	.18
01517.02.1	Technology Design	2.63	.52	.18	2.75	.71	.25
01517.02.1	Equipment Selection	1.88	.35	.13	1.75	.71	.25
01517.02.1	Installation	2.13	.64	.23	2.00	1.07	.38
01517.02.1	Programming	3.75	.71	.25	3.50	.53	.19
01517.02.1	Quality Control Analysis	3.25	.71	.25	3.63	.74	.26
01517.02.1	Operations Monitoring	2.75	.46	.16	2.13	.35	.13
01517.02.1	Operation and Control	1.88	.35	.13	1.63	.74	.26
01517.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01517.02.1	Troubleshooting	2.63	.52	.18	3.00	.93	.33
01517.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01517.02.1	Systems Analysis	3.13	.35	.13	3.13	.35	.13
01517.02.1	Systems Evaluation	3.00	.53	.19	3.88	.64	.23
01517.02.1	Judg. and Dec. Making	3.13	.35	.13	3.63	.52	.18
01517.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
01517.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
01517.02.1	M. of Material Resources	1.50	.53	.19	.63	.74	.26
01517.02.1	M. of Personnel Resources	2.25	.46	.16	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Geospatial Information Scientists and Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01571.02.1	Reading Comprehension	4.00	.00	.00	4.38	.52	.18
01571.02.1	Active Listening	3.88	.35	.13	4.00	.00	.00
01571.02.1	Writing	3.88	.35	.13	3.88	.35	.13
01571.02.1	Speaking	3.75	.46	.16	3.88	.35	.13
01571.02.1	Mathematics	3.38	.52	.18	3.38	.52	.18
01571.02.1	Science	3.88	.35	.13	3.88	.35	.13
01571.02.1	Critical Thinking	3.75	.46	.16	4.00	.00	.00
01571.02.1	Active Learning	3.63	.52	.18	3.75	.46	.16
01571.02.1	Learning Strategies	3.00	.53	.19	3.13	.35	.13
01571.02.1	Monitoring	3.00	.00	.00	3.25	.46	.16
01571.02.1	Social Perceptiveness	3.00	.53	.19	3.00	.53	.19
01571.02.1	Coordination	3.13	.35	.13	3.38	.52	.18
01571.02.1	Persuasion	2.63	.52	.18	2.63	.52	.18
01571.02.1	Negotiation	2.63	.52	.18	2.63	.52	.18
01571.02.1	Instructing	3.00	.53	.19	3.25	.46	.16
01571.02.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
01571.02.1	Complex Problem Solving	3.75	.46	.16	3.88	.35	.13
01571.02.1	Operations Analysis	3.25	.46	.16	3.50	.53	.19
01571.02.1	Technology Design	2.13	.64	.23	1.75	.89	.31
01571.02.1	Equipment Selection	1.38	.52	.18	.38	.52	.18
01571.02.1	Installation	1.00	.00	.00	.00	.00	.00
01571.02.1	Programming	2.88	.35	.13	3.00	.53	.19
01571.02.1	Quality Control Analysis	1.38	.52	.18	.63	.92	.32
01571.02.1	Operations Monitoring	2.00	.00	.00	1.88	.35	.13
01571.02.1	Operation and Control	1.38	.52	.18	.38	.52	.18
01571.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01571.02.1	Troubleshooting	1.13	.35	.13	.25	.71	.25
01571.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01571.02.1	Systems Analysis	3.13	.64	.23	3.75	.46	.16
01571.02.1	Systems Evaluation	3.00	.53	.19	3.63	.52	.18
01571.02.1	Judg. and Dec. Making	3.63	.52	.18	3.38	.52	.18
01571.02.1	Time Management	3.00	.00	.00	3.25	.46	.16
01571.02.1	M. of Financial Resources	2.00	.00	.00	1.88	.35	.13
01571.02.1	M. of Material Resources	2.00	.00	.00	1.88	.35	.13
01571.02.1	M. of Personnel Resources	3.00	.53	.19	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Clinical Data Managers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01581.02.1	Reading Comprehension	3.88	.35	.13	4.25	.46	.16
01581.02.1	Active Listening	3.88	.35	.13	3.88	.35	.13
01581.02.1	Writing	3.75	.46	.16	4.00	.00	.00
01581.02.1	Speaking	3.88	.35	.13	4.00	.00	.00
01581.02.1	Mathematics	3.50	.53	.19	3.88	.64	.23
01581.02.1	Science	2.38	.52	.18	2.25	.71	.25
01581.02.1	Critical Thinking	4.00	.00	.00	4.25	.46	.16
01581.02.1	Active Learning	3.63	.52	.18	4.00	.53	.19
01581.02.1	Learning Strategies	2.88	.35	.13	3.25	.46	.16
01581.02.1	Monitoring	3.63	.52	.18	4.13	.35	.13
01581.02.1	Social Perceptiveness	3.13	.35	.13	3.50	.53	.19
01581.02.1	Coordination	3.38	.52	.18	3.38	.52	.18
01581.02.1	Persuasion	2.75	.46	.16	2.63	.74	.26
01581.02.1	Negotiation	2.50	.53	.19	2.38	.52	.18
01581.02.1	Instructing	3.00	.00	.00	3.75	.46	.16
01581.02.1	Service Orientation	2.75	.46	.16	2.63	.74	.26
01581.02.1	Complex Problem Solving	3.50	.53	.19	3.63	.52	.18
01581.02.1	Operations Analysis	2.75	.46	.16	3.38	.52	.18
01581.02.1	Technology Design	1.75	.46	.16	1.38	.92	.32
01581.02.1	Equipment Selection	1.88	.64	.23	1.50	1.07	.38
01581.02.1	Installation	1.00	.00	.00	.00	.00	.00
01581.02.1	Programming	3.25	.46	.16	3.63	.74	.26
01581.02.1	Quality Control Analysis	2.50	.53	.19	2.50	.53	.19
01581.02.1	Operations Monitoring	2.13	.35	.13	2.00	.00	.00
01581.02.1	Operation and Control	1.75	.46	.16	1.25	.89	.31
01581.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01581.02.1	Troubleshooting	1.63	.52	.18	.63	.52	.18
01581.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01581.02.1	Systems Analysis	3.25	.46	.16	3.38	.52	.18
01581.02.1	Systems Evaluation	3.13	.35	.13	3.38	.52	.18
01581.02.1	Judg. and Dec. Making	3.25	.46	.16	3.63	.52	.18
01581.02.1	Time Management	3.38	.52	.18	3.50	.53	.19
01581.02.1	M. of Financial Resources	1.88	.35	.13	1.25	.71	.25
01581.02.1	M. of Material Resources	1.88	.35	.13	1.50	.76	.27
01581.02.1	M. of Personnel Resources	3.00	.00	.00	3.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Geodetic Surveyors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01582.02.1	Reading Comprehension	4.00	.00	.00	4.38	.52	.18
01582.02.1	Active Listening	3.88	.35	.13	4.00	.00	.00
01582.02.1	Writing	3.25	.46	.16	4.13	.35	.13
01582.02.1	Speaking	3.25	.46	.16	3.88	.35	.13
01582.02.1	Mathematics	4.13	.35	.13	4.75	.46	.16
01582.02.1	Science	3.13	.35	.13	3.63	.74	.26
01582.02.1	Critical Thinking	4.00	.00	.00	4.00	.00	.00
01582.02.1	Active Learning	3.25	.46	.16	3.88	.35	.13
01582.02.1	Learning Strategies	3.00	.00	.00	3.50	.53	.19
01582.02.1	Monitoring	3.38	.52	.18	3.88	.35	.13
01582.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
01582.02.1	Coordination	3.13	.35	.13	3.13	.35	.13
01582.02.1	Persuasion	2.50	.53	.19	2.38	.52	.18
01582.02.1	Negotiation	2.50	.53	.19	2.25	.46	.16
01582.02.1	Instructing	2.88	.35	.13	3.13	.35	.13
01582.02.1	Service Orientation	2.50	.53	.19	2.50	.76	.27
01582.02.1	Complex Problem Solving	3.50	.53	.19	3.88	.35	.13
01582.02.1	Operations Analysis	1.88	.35	.13	1.75	.71	.25
01582.02.1	Technology Design	2.13	.35	.13	1.50	.76	.27
01582.02.1	Equipment Selection	2.00	.00	.00	2.38	.74	.26
01582.02.1	Installation	1.00	.00	.00	.00	.00	.00
01582.02.1	Programming	2.38	.74	.26	3.00	.53	.19
01582.02.1	Quality Control Analysis	2.88	.35	.13	3.00	.53	.19
01582.02.1	Operations Monitoring	3.00	.00	.00	2.50	.53	.19
01582.02.1	Operation and Control	2.88	.35	.13	2.75	.46	.16
01582.02.1	Equipment Maintenance	2.13	.35	.13	1.63	.52	.18
01582.02.1	Troubleshooting	2.13	.35	.13	1.88	.35	.13
01582.02.1	Repairing	2.13	.35	.13	1.63	.52	.18
01582.02.1	Systems Analysis	3.25	.46	.16	3.25	.46	.16
01582.02.1	Systems Evaluation	3.13	.64	.23	3.25	.46	.16
01582.02.1	Judg. and Dec. Making	3.50	.53	.19	3.75	.46	.16
01582.02.1	Time Management	3.13	.35	.13	3.50	.53	.19
01582.02.1	M. of Financial Resources	2.00	.00	.00	1.88	.35	.13
01582.02.1	M. of Material Resources	2.00	.00	.00	1.88	.35	.13
01582.02.1	M. of Personnel Resources	3.00	.00	.00	3.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Product Safety Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00118.02.1	Reading Comprehension	4.00	.00	.00	4.25	.46	.16
00118.02.1	Active Listening	3.88	.35	.13	4.00	.53	.19
00118.02.1	Writing	3.88	.35	.13	4.00	.53	.19
00118.02.1	Speaking	3.88	.35	.13	4.13	.35	.13
00118.02.1	Mathematics	2.75	.71	.25	2.63	1.06	.38
00118.02.1	Science	3.50	.53	.19	4.00	.53	.19
00118.02.1	Critical Thinking	4.00	.00	.00	4.13	.35	.13
00118.02.1	Active Learning	3.50	.53	.19	3.38	.74	.26
00118.02.1	Learning Strategies	3.13	.35	.13	3.13	.35	.13
00118.02.1	Monitoring	3.13	.35	.13	3.38	.52	.18
00118.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
00118.02.1	Coordination	3.00	.00	.00	2.88	.35	.13
00118.02.1	Persuasion	2.75	.46	.16	2.50	.53	.19
00118.02.1	Negotiation	2.75	.46	.16	2.50	.53	.19
00118.02.1	Instructing	2.88	.64	.23	3.00	.53	.19
00118.02.1	Service Orientation	2.75	.46	.16	2.63	.52	.18
00118.02.1	Complex Problem Solving	3.38	.52	.18	3.50	.53	.19
00118.02.1	Operations Analysis	3.50	.53	.19	4.00	.53	.19
00118.02.1	Technology Design	2.00	.53	.19	1.38	.74	.26
00118.02.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
00118.02.1	Installation	1.00	.00	.00	.00	.00	.00
00118.02.1	Programming	1.88	.35	.13	1.13	.64	.23
00118.02.1	Quality Control Analysis	3.38	.52	.18	3.75	.46	.16
00118.02.1	Operations Monitoring	2.75	.46	.16	2.88	.35	.13
00118.02.1	Operation and Control	1.88	.35	.13	1.50	.93	.33
00118.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00118.02.1	Troubleshooting	2.75	.46	.16	2.63	.74	.26
00118.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00118.02.1	Systems Analysis	3.13	.35	.13	3.13	.35	.13
00118.02.1	Systems Evaluation	3.25	.46	.16	3.25	.46	.16
00118.02.1	Judg. and Dec. Making	3.75	.46	.16	3.75	.71	.25
00118.02.1	Time Management	3.00	.00	.00	2.75	.46	.16
00118.02.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
00118.02.1	M. of Material Resources	1.75	.46	.16	1.00	.76	.27
00118.02.1	M. of Personnel Resources	2.25	.46	.16	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Marine Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00120.02.1	Reading Comprehension	3.88	.35	.13	4.50	.53	.19
00120.02.1	Active Listening	3.88	.35	.13	3.88	.64	.23
00120.02.1	Writing	3.50	.53	.19	4.13	.35	.13
00120.02.1	Speaking	3.88	.35	.13	4.00	.53	.19
00120.02.1	Mathematics	3.38	.52	.18	4.63	.74	.26
00120.02.1	Science	3.63	.52	.18	4.63	.52	.18
00120.02.1	Critical Thinking	4.00	.00	.00	4.38	.52	.18
00120.02.1	Active Learning	3.25	.46	.16	4.38	.52	.18
00120.02.1	Learning Strategies	3.00	.00	.00	3.25	.46	.16
00120.02.1	Monitoring	3.63	.52	.18	4.13	.64	.23
00120.02.1	Social Perceptiveness	3.00	.00	.00	3.13	.35	.13
00120.02.1	Coordination	3.13	.35	.13	3.63	.52	.18
00120.02.1	Persuasion	2.88	.35	.13	3.25	.71	.25
00120.02.1	Negotiation	2.88	.35	.13	3.25	.46	.16
00120.02.1	Instructing	3.00	.00	.00	3.50	.53	.19
00120.02.1	Service Orientation	2.75	.46	.16	2.88	.35	.13
00120.02.1	Complex Problem Solving	3.75	.46	.16	4.13	.35	.13
00120.02.1	Operations Analysis	3.50	.53	.19	4.25	.71	.25
00120.02.1	Technology Design	2.75	.46	.16	3.25	.71	.25
00120.02.1	Equipment Selection	2.38	.52	.18	2.13	.99	.35
00120.02.1	Installation	1.50	.53	.19	.88	.99	.35
00120.02.1	Programming	2.13	.64	.23	2.00	.93	.33
00120.02.1	Quality Control Analysis	3.25	.46	.16	3.88	.64	.23
00120.02.1	Operations Monitoring	3.50	.53	.19	3.75	.46	.16
00120.02.1	Operation and Control	2.63	.52	.18	3.13	.35	.13
00120.02.1	Equipment Maintenance	2.25	.71	.25	2.13	1.25	.44
00120.02.1	Troubleshooting	3.13	.35	.13	3.88	.64	.23
00120.02.1	Repairing	2.25	.46	.16	2.25	.89	.31
00120.02.1	Systems Analysis	3.38	.52	.18	3.88	.35	.13
00120.02.1	Systems Evaluation	3.13	.35	.13	3.75	.71	.25
00120.02.1	Judg. and Dec. Making	3.75	.46	.16	4.25	.46	.16
00120.02.1	Time Management	3.38	.52	.18	3.75	.46	.16
00120.02.1	M. of Financial Resources	2.88	.35	.13	3.38	.52	.18
00120.02.1	M. of Material Resources	3.00	.00	.00	3.00	.00	.00
00120.02.1	M. of Personnel Resources	3.25	.46	.16	3.63	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Biochemical Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01589.02.1	Reading Comprehension	3.88	.35	.13	4.88	.35	.13
01589.02.1	Active Listening	4.00	.00	.00	4.00	.00	.00
01589.02.1	Writing	3.88	.35	.13	4.25	.46	.16
01589.02.1	Speaking	3.88	.35	.13	3.88	.35	.13
01589.02.1	Mathematics	3.75	.46	.16	3.88	.35	.13
01589.02.1	Science	3.88	.35	.13	4.38	.74	.26
01589.02.1	Critical Thinking	3.88	.35	.13	4.13	.35	.13
01589.02.1	Active Learning	3.75	.46	.16	4.13	.35	.13
01589.02.1	Learning Strategies	3.13	.35	.13	3.25	.46	.16
01589.02.1	Monitoring	3.25	.46	.16	3.75	.46	.16
01589.02.1	Social Perceptiveness	3.00	.53	.19	3.00	.53	.19
01589.02.1	Coordination	3.13	.35	.13	3.13	.35	.13
01589.02.1	Persuasion	2.88	.35	.13	3.00	.53	.19
01589.02.1	Negotiation	2.88	.35	.13	2.88	.35	.13
01589.02.1	Instructing	3.13	.35	.13	3.38	.52	.18
01589.02.1	Service Orientation	2.63	.52	.18	2.88	.35	.13
01589.02.1	Complex Problem Solving	3.88	.35	.13	4.00	.00	.00
01589.02.1	Operations Analysis	3.25	.71	.25	3.63	.52	.18
01589.02.1	Technology Design	2.25	.46	.16	2.25	.46	.16
01589.02.1	Equipment Selection	2.00	.00	.00	1.50	.53	.19
01589.02.1	Installation	1.00	.00	.00	.00	.00	.00
01589.02.1	Programming	1.88	.35	.13	1.75	.71	.25
01589.02.1	Quality Control Analysis	3.00	.00	.00	3.50	.53	.19
01589.02.1	Operations Monitoring	3.00	.00	.00	3.00	.00	.00
01589.02.1	Operation and Control	2.50	.53	.19	2.38	.74	.26
01589.02.1	Equipment Maintenance	1.75	.46	.16	1.13	.83	.30
01589.02.1	Troubleshooting	2.13	.35	.13	2.00	.00	.00
01589.02.1	Repairing	1.63	.52	.18	1.00	.93	.33
01589.02.1	Systems Analysis	3.63	.52	.18	3.75	.46	.16
01589.02.1	Systems Evaluation	3.38	.52	.18	3.38	.52	.18
01589.02.1	Judg. and Dec. Making	3.75	.46	.16	4.00	.53	.19
01589.02.1	Time Management	3.25	.46	.16	3.38	.52	.18
01589.02.1	M. of Financial Resources	2.00	.00	.00	2.13	.35	.13
01589.02.1	M. of Material Resources	2.50	.53	.19	2.38	.52	.18
01589.02.1	M. of Personnel Resources	2.88	.35	.13	3.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Energy Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01591.02.1	Reading Comprehension	4.13	.35	.13	4.75	.46	.16
01591.02.1	Active Listening	3.88	.35	.13	4.00	.00	.00
01591.02.1	Writing	3.88	.35	.13	4.13	.35	.13
01591.02.1	Speaking	3.75	.46	.16	4.00	.00	.00
01591.02.1	Mathematics	3.75	.46	.16	4.13	.35	.13
01591.02.1	Science	3.63	.52	.18	4.38	.74	.26
01591.02.1	Critical Thinking	4.00	.53	.19	4.13	.35	.13
01591.02.1	Active Learning	3.75	.46	.16	3.88	.35	.13
01591.02.1	Learning Strategies	2.88	.35	.13	3.00	.00	.00
01591.02.1	Monitoring	3.88	.35	.13	3.88	.35	.13
01591.02.1	Social Perceptiveness	3.25	.46	.16	3.50	.53	.19
01591.02.1	Coordination	3.00	.00	.00	3.38	.52	.18
01591.02.1	Persuasion	3.00	.00	.00	3.00	.00	.00
01591.02.1	Negotiation	2.88	.35	.13	3.00	.00	.00
01591.02.1	Instructing	3.00	.00	.00	3.00	.00	.00
01591.02.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
01591.02.1	Complex Problem Solving	3.88	.35	.13	4.00	.53	.19
01591.02.1	Operations Analysis	3.38	.74	.26	3.88	.64	.23
01591.02.1	Technology Design	2.13	.35	.13	2.13	.83	.30
01591.02.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
01591.02.1	Installation	1.00	.00	.00	.00	.00	.00
01591.02.1	Programming	2.00	.53	.19	1.25	.89	.31
01591.02.1	Quality Control Analysis	2.50	.76	.27	2.50	.53	.19
01591.02.1	Operations Monitoring	2.63	.52	.18	2.75	.46	.16
01591.02.1	Operation and Control	2.13	.35	.13	1.88	.64	.23
01591.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01591.02.1	Troubleshooting	2.00	.00	.00	1.63	.52	.18
01591.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01591.02.1	Systems Analysis	3.88	.64	.23	4.00	.53	.19
01591.02.1	Systems Evaluation	3.50	.76	.27	3.75	.71	.25
01591.02.1	Judg. and Dec. Making	3.50	.53	.19	4.00	.00	.00
01591.02.1	Time Management	3.13	.35	.13	3.38	.52	.18
01591.02.1	M. of Financial Resources	2.25	.46	.16	2.25	.46	.16
01591.02.1	M. of Material Resources	2.25	.46	.16	2.38	.52	.18
01591.02.1	M. of Personnel Resources	2.75	.46	.16	3.00	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Microsystems Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01594.01.1	Reading Comprehension	4.00	.53	.19	4.75	.89	.31
01594.01.1	Active Listening	4.00	.53	.19	4.25	.46	.16
01594.01.1	Writing	3.75	.71	.25	4.00	.76	.27
01594.01.1	Speaking	3.63	.92	.32	4.00	.76	.27
01594.01.1	Mathematics	3.38	.92	.32	3.88	1.25	.44
01594.01.1	Science	3.63	.92	.32	3.88	.99	.35
01594.01.1	Critical Thinking	4.00	.76	.27	4.13	.64	.23
01594.01.1	Active Learning	3.50	.53	.19	3.88	.83	.30
01594.01.1	Learning Strategies	3.25	.71	.25	3.38	.74	.26
01594.01.1	Monitoring	3.63	.74	.26	3.75	.71	.25
01594.01.1	Social Perceptiveness	3.00	.53	.19	3.38	.74	.26
01594.01.1	Coordination	3.00	.00	.00	3.13	.64	.23
01594.01.1	Persuasion	2.88	.35	.13	3.00	.53	.19
01594.01.1	Negotiation	3.00	.53	.19	3.25	.71	.25
01594.01.1	Instructing	3.13	.35	.13	3.50	.76	.27
01594.01.1	Service Orientation	3.00	.53	.19	3.00	.76	.27
01594.01.1	Complex Problem Solving	3.88	.64	.23	4.25	1.16	.41
01594.01.1	Operations Analysis	3.00	1.41	.50	3.00	2.00	.71
01594.01.1	Technology Design	2.38	.92	.32	2.63	1.41	.50
01594.01.1	Equipment Selection	2.25	.71	.25	2.38	1.19	.42
01594.01.1	Installation	1.38	.74	.26	.63	1.19	.42
01594.01.1	Programming	2.63	.74	.26	2.50	1.20	.42
01594.01.1	Quality Control Analysis	3.13	.64	.23	3.50	.93	.33
01594.01.1	Operations Monitoring	3.25	.71	.25	3.38	.52	.18
01594.01.1	Operation and Control	2.63	.52	.18	2.75	.89	.31
01594.01.1	Equipment Maintenance	1.88	.64	.23	1.63	1.19	.42
01594.01.1	Troubleshooting	2.50	.76	.27	2.38	1.30	.46
01594.01.1	Repairing	2.00	.76	.27	1.75	1.28	.45
01594.01.1	Systems Analysis	3.75	.46	.16	4.00	.76	.27
01594.01.1	Systems Evaluation	3.50	.76	.27	3.88	.83	.30
01594.01.1	Judg. and Dec. Making	3.63	.52	.18	3.75	.71	.25
01594.01.1	Time Management	3.50	.53	.19	3.63	.52	.18
01594.01.1	M. of Financial Resources	2.25	.46	.16	2.25	1.04	.37
01594.01.1	M. of Material Resources	2.38	.52	.18	2.38	1.06	.38
01594.01.1	M. of Personnel Resources	2.88	.64	.23	2.88	.64	.23

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Automotive Engineering Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01601.01.1	Reading Comprehension	3.63	.52	.18	4.00	.53	.19
01601.01.1	Active Listening	3.25	.46	.16	3.38	.52	.18
01601.01.1	Writing	3.25	.46	.16	3.25	.46	.16
01601.01.1	Speaking	3.50	.53	.19	3.38	.52	.18
01601.01.1	Mathematics	3.13	.35	.13	3.38	.74	.26
01601.01.1	Science	2.63	.52	.18	3.00	1.07	.38
01601.01.1	Critical Thinking	3.50	.53	.19	3.38	.52	.18
01601.01.1	Active Learning	3.00	.53	.19	3.13	.83	.30
01601.01.1	Learning Strategies	2.38	.52	.18	2.63	.52	.18
01601.01.1	Monitoring	3.13	.64	.23	3.38	.92	.32
01601.01.1	Social Perceptiveness	3.00	.53	.19	2.50	.76	.27
01601.01.1	Coordination	3.00	.53	.19	3.00	.76	.27
01601.01.1	Persuasion	2.38	.52	.18	2.63	.74	.26
01601.01.1	Negotiation	2.38	.52	.18	2.25	.46	.16
01601.01.1	Instructing	2.38	.52	.18	2.63	.52	.18
01601.01.1	Service Orientation	2.50	.53	.19	2.13	.64	.23
01601.01.1	Complex Problem Solving	3.25	.71	.25	3.25	.46	.16
01601.01.1	Operations Analysis	2.25	.71	.25	2.25	1.49	.53
01601.01.1	Technology Design	2.00	.76	.27	1.75	1.28	.45
01601.01.1	Equipment Selection	2.88	.83	.30	2.88	.64	.23
01601.01.1	Installation	2.38	.92	.32	2.38	1.60	.56
01601.01.1	Programming	2.13	.35	.13	1.88	.64	.23
01601.01.1	Quality Control Analysis	3.25	.71	.25	3.25	.89	.31
01601.01.1	Operations Monitoring	3.25	.46	.16	3.00	.53	.19
01601.01.1	Operation and Control	2.88	.35	.13	2.88	.64	.23
01601.01.1	Equipment Maintenance	3.00	.53	.19	3.00	.53	.19
01601.01.1	Troubleshooting	3.00	.76	.27	3.13	.83	.30
01601.01.1	Repairing	3.13	.64	.23	3.13	.64	.23
01601.01.1	Systems Analysis	2.63	.74	.26	2.88	.64	.23
01601.01.1	Systems Evaluation	2.88	.83	.30	2.88	.83	.30
01601.01.1	Judg. and Dec. Making	3.13	.35	.13	3.25	.71	.25
01601.01.1	Time Management	2.88	.35	.13	2.63	.52	.18
01601.01.1	M. of Financial Resources	1.75	.46	.16	1.50	.93	.33
01601.01.1	M. of Material Resources	2.13	.64	.23	2.00	.93	.33
01601.01.1	M. of Personnel Resources	2.38	.52	.18	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Non-Destructive Testing Specialists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01602.02.1	Reading Comprehension	3.63	.52	.18	3.75	.46	.16
01602.02.1	Active Listening	3.50	.76	.27	3.38	.52	.18
01602.02.1	Writing	3.25	.46	.16	3.13	.35	.13
01602.02.1	Speaking	3.25	.46	.16	3.13	.35	.13
01602.02.1	Mathematics	3.00	.00	.00	3.13	.35	.13
01602.02.1	Science	2.75	.46	.16	2.75	.89	.31
01602.02.1	Critical Thinking	3.63	.52	.18	3.50	.53	.19
01602.02.1	Active Learning	3.63	.52	.18	3.50	.76	.27
01602.02.1	Learning Strategies	3.13	.35	.13	3.38	.52	.18
01602.02.1	Monitoring	3.50	.53	.19	3.50	.53	.19
01602.02.1	Social Perceptiveness	2.88	.35	.13	3.00	.53	.19
01602.02.1	Coordination	2.88	.35	.13	3.13	.35	.13
01602.02.1	Persuasion	2.63	.52	.18	2.50	.76	.27
01602.02.1	Negotiation	2.50	.53	.19	2.38	.52	.18
01602.02.1	Instructing	3.13	.35	.13	3.13	.35	.13
01602.02.1	Service Orientation	2.63	.92	.32	2.38	1.06	.38
01602.02.1	Complex Problem Solving	3.25	.46	.16	3.13	.35	.13
01602.02.1	Operations Analysis	1.75	.46	.16	.88	.64	.23
01602.02.1	Technology Design	1.88	.35	.13	1.50	.76	.27
01602.02.1	Equipment Selection	2.63	.52	.18	2.63	.52	.18
01602.02.1	Installation	1.13	.35	.13	.13	.35	.13
01602.02.1	Programming	1.75	.46	.16	1.13	.83	.30
01602.02.1	Quality Control Analysis	3.75	.71	.25	3.75	.46	.16
01602.02.1	Operations Monitoring	3.13	.35	.13	3.13	.64	.23
01602.02.1	Operation and Control	3.00	.00	.00	3.00	.00	.00
01602.02.1	Equipment Maintenance	2.88	.35	.13	2.75	.46	.16
01602.02.1	Troubleshooting	3.00	.00	.00	2.88	.35	.13
01602.02.1	Repairing	2.13	.35	.13	2.13	.35	.13
01602.02.1	Systems Analysis	3.00	.00	.00	3.00	.00	.00
01602.02.1	Systems Evaluation	3.00	.53	.19	3.13	.35	.13
01602.02.1	Judg. and Dec. Making	3.25	.46	.16	3.38	.52	.18
01602.02.1	Time Management	3.00	.00	.00	3.00	.53	.19
01602.02.1	M. of Financial Resources	1.75	.46	.16	1.13	.83	.30
01602.02.1	M. of Material Resources	1.88	.35	.13	1.38	.74	.26
01602.02.1	M. of Personnel Resources	2.88	.35	.13	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Nanotechnology Engineering Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01613.01.1	Reading Comprehension	3.63	.74	.26	3.63	.74	.26
01613.01.1	Active Listening	3.50	.53	.19	3.50	.53	.19
01613.01.1	Writing	3.38	.92	.32	3.63	.52	.18
01613.01.1	Speaking	3.38	.52	.18	3.50	.53	.19
01613.01.1	Mathematics	2.75	.71	.25	3.25	.46	.16
01613.01.1	Science	3.00	.93	.33	3.38	.74	.26
01613.01.1	Critical Thinking	3.50	.53	.19	3.38	.52	.18
01613.01.1	Active Learning	3.13	.83	.30	3.25	.46	.16
01613.01.1	Learning Strategies	2.63	.74	.26	3.13	.35	.13
01613.01.1	Monitoring	3.63	.74	.26	3.63	.52	.18
01613.01.1	Social Perceptiveness	2.75	.71	.25	2.63	.92	.32
01613.01.1	Coordination	2.75	.46	.16	3.00	.76	.27
01613.01.1	Persuasion	2.38	.52	.18	2.50	.53	.19
01613.01.1	Negotiation	2.25	.46	.16	2.50	.53	.19
01613.01.1	Instructing	2.38	.52	.18	3.00	.53	.19
01613.01.1	Service Orientation	2.38	.52	.18	2.50	.53	.19
01613.01.1	Complex Problem Solving	3.25	.46	.16	3.38	.52	.18
01613.01.1	Operations Analysis	1.50	.76	.27	1.00	1.41	.50
01613.01.1	Technology Design	2.00	.53	.19	2.00	1.07	.38
01613.01.1	Equipment Selection	3.00	.76	.27	3.00	.00	.00
01613.01.1	Installation	1.38	.74	.26	.75	1.39	.49
01613.01.1	Programming	2.38	.92	.32	1.88	1.13	.40
01613.01.1	Quality Control Analysis	3.63	1.06	.38	3.50	.53	.19
01613.01.1	Operations Monitoring	3.63	.74	.26	3.63	.52	.18
01613.01.1	Operation and Control	3.38	.74	.26	3.38	.74	.26
01613.01.1	Equipment Maintenance	3.38	.74	.26	3.50	.53	.19
01613.01.1	Troubleshooting	3.38	.52	.18	3.38	.52	.18
01613.01.1	Repairing	3.38	.74	.26	3.25	.46	.16
01613.01.1	Systems Analysis	2.75	.46	.16	2.88	.35	.13
01613.01.1	Systems Evaluation	2.75	.46	.16	2.88	.35	.13
01613.01.1	Judg. and Dec. Making	3.13	.35	.13	3.25	.46	.16
01613.01.1	Time Management	3.13	.35	.13	3.00	.53	.19
01613.01.1	M. of Financial Resources	2.00	.53	.19	1.38	.74	.26
01613.01.1	M. of Material Resources	2.00	.53	.19	1.63	.92	.32
01613.01.1	M. of Personnel Resources	2.25	.71	.25	2.13	.99	.35

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Animal Scientists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00162.03.1	Reading Comprehension	4.00	.00	.00	4.63	.74	.26
00162.03.1	Active Listening	3.88	.35	.13	4.00	.53	.19
00162.03.1	Writing	4.00	.00	.00	4.25	.46	.16
00162.03.1	Speaking	4.00	.00	.00	4.13	.35	.13
00162.03.1	Mathematics	3.38	.52	.18	3.50	.76	.27
00162.03.1	Science	4.38	.52	.18	4.38	.52	.18
00162.03.1	Critical Thinking	4.00	.00	.00	4.25	.46	.16
00162.03.1	Active Learning	3.88	.64	.23	4.38	.74	.26
00162.03.1	Learning Strategies	3.25	.71	.25	3.25	.71	.25
00162.03.1	Monitoring	3.50	.53	.19	4.00	.53	.19
00162.03.1	Social Perceptiveness	3.00	.53	.19	3.38	.52	.18
00162.03.1	Coordination	3.25	.46	.16	3.25	.46	.16
00162.03.1	Persuasion	2.88	.35	.13	3.00	.00	.00
00162.03.1	Negotiation	2.75	.46	.16	2.88	.35	.13
00162.03.1	Instructing	3.13	.35	.13	3.38	.52	.18
00162.03.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
00162.03.1	Complex Problem Solving	3.88	.35	.13	4.13	.35	.13
00162.03.1	Operations Analysis	2.88	.64	.23	3.00	.93	.33
00162.03.1	Technology Design	1.88	.35	.13	1.00	.53	.19
00162.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00162.03.1	Installation	1.00	.00	.00	.00	.00	.00
00162.03.1	Programming	1.88	.64	.23	1.00	.93	.33
00162.03.1	Quality Control Analysis	2.88	.35	.13	3.00	.00	.00
00162.03.1	Operations Monitoring	2.50	.53	.19	2.88	.35	.13
00162.03.1	Operation and Control	2.13	.35	.13	2.25	.46	.16
00162.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00162.03.1	Troubleshooting	1.88	.35	.13	1.00	.53	.19
00162.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00162.03.1	Systems Analysis	3.63	.52	.18	3.63	.74	.26
00162.03.1	Systems Evaluation	3.25	.46	.16	3.88	.64	.23
00162.03.1	Judg. and Dec. Making	3.88	.35	.13	4.50	.53	.19
00162.03.1	Time Management	3.13	.35	.13	3.25	.46	.16
00162.03.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
00162.03.1	M. of Material Resources	1.88	.35	.13	1.50	.76	.27
00162.03.1	M. of Personnel Resources	2.88	.35	.13	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Molecular and Cellular Biologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01615.02.1	Reading Comprehension	4.38	.52	.18	5.75	.46	.16
01615.02.1	Active Listening	4.00	.53	.19	4.88	.35	.13
01615.02.1	Writing	4.13	.35	.13	5.13	.35	.13
01615.02.1	Speaking	4.00	.00	.00	4.88	.35	.13
01615.02.1	Mathematics	3.75	.46	.16	4.75	.46	.16
01615.02.1	Science	4.88	.35	.13	5.38	.52	.18
01615.02.1	Critical Thinking	4.25	.46	.16	5.00	.53	.19
01615.02.1	Active Learning	4.00	.00	.00	5.25	.71	.25
01615.02.1	Learning Strategies	3.88	.35	.13	4.50	.53	.19
01615.02.1	Monitoring	3.88	.35	.13	4.75	.46	.16
01615.02.1	Social Perceptiveness	3.13	.35	.13	3.25	.46	.16
01615.02.1	Coordination	3.13	.35	.13	3.63	.74	.26
01615.02.1	Persuasion	2.75	.46	.16	2.75	.46	.16
01615.02.1	Negotiation	2.50	.53	.19	2.63	.52	.18
01615.02.1	Instructing	3.50	.53	.19	4.25	.46	.16
01615.02.1	Service Orientation	2.50	.53	.19	2.13	.35	.13
01615.02.1	Complex Problem Solving	4.00	.00	.00	4.13	.35	.13
01615.02.1	Operations Analysis	2.88	.35	.13	3.25	.71	.25
01615.02.1	Technology Design	2.00	.53	.19	1.75	.71	.25
01615.02.1	Equipment Selection	1.88	.35	.13	1.88	.99	.35
01615.02.1	Installation	1.00	.00	.00	.00	.00	.00
01615.02.1	Programming	2.50	.53	.19	3.13	.83	.30
01615.02.1	Quality Control Analysis	3.00	.00	.00	3.00	.00	.00
01615.02.1	Operations Monitoring	2.88	.35	.13	2.75	.46	.16
01615.02.1	Operation and Control	2.50	.53	.19	2.75	.46	.16
01615.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01615.02.1	Troubleshooting	2.00	.00	.00	1.63	.52	.18
01615.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01615.02.1	Systems Analysis	3.38	.74	.26	4.00	.53	.19
01615.02.1	Systems Evaluation	3.38	.52	.18	4.00	.53	.19
01615.02.1	Judg. and Dec. Making	4.00	.00	.00	4.50	.53	.19
01615.02.1	Time Management	3.13	.64	.23	3.75	.71	.25
01615.02.1	M. of Financial Resources	2.50	.76	.27	2.88	1.25	.44
01615.02.1	M. of Material Resources	2.75	.46	.16	3.13	.35	.13
01615.02.1	M. of Personnel Resources	3.00	.00	.00	3.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Geneticists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01616.02.1	Reading Comprehension	4.25	.46	.16	5.00	.53	.19
01616.02.1	Active Listening	3.88	.35	.13	4.25	.46	.16
01616.02.1	Writing	3.88	.35	.13	4.88	.35	.13
01616.02.1	Speaking	4.00	.53	.19	4.00	.00	.00
01616.02.1	Mathematics	3.63	.52	.18	4.00	.53	.19
01616.02.1	Science	4.00	.53	.19	4.38	.52	.18
01616.02.1	Critical Thinking	4.00	.00	.00	4.25	.46	.16
01616.02.1	Active Learning	4.00	.53	.19	3.88	.35	.13
01616.02.1	Learning Strategies	3.50	.53	.19	4.00	.00	.00
01616.02.1	Monitoring	3.75	.71	.25	3.88	.35	.13
01616.02.1	Social Perceptiveness	3.50	.53	.19	4.00	.00	.00
01616.02.1	Coordination	3.25	.46	.16	3.25	.46	.16
01616.02.1	Persuasion	3.13	.35	.13	3.25	.46	.16
01616.02.1	Negotiation	2.88	.35	.13	3.00	.53	.19
01616.02.1	Instructing	3.63	.52	.18	3.75	.46	.16
01616.02.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
01616.02.1	Complex Problem Solving	3.88	.35	.13	3.88	.35	.13
01616.02.1	Operations Analysis	1.63	.52	.18	1.13	1.13	.40
01616.02.1	Technology Design	1.88	.35	.13	1.13	.64	.23
01616.02.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
01616.02.1	Installation	1.00	.00	.00	.00	.00	.00
01616.02.1	Programming	1.88	.35	.13	1.25	.89	.31
01616.02.1	Quality Control Analysis	2.75	.46	.16	2.63	.52	.18
01616.02.1	Operations Monitoring	2.63	.52	.18	2.75	.46	.16
01616.02.1	Operation and Control	1.50	.53	.19	1.00	1.20	.42
01616.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01616.02.1	Troubleshooting	2.00	.00	.00	1.00	.00	.00
01616.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01616.02.1	Systems Analysis	3.50	.53	.19	3.63	.52	.18
01616.02.1	Systems Evaluation	3.13	.64	.23	3.38	.52	.18
01616.02.1	Judg. and Dec. Making	3.75	.46	.16	3.88	.64	.23
01616.02.1	Time Management	3.38	.52	.18	3.75	.46	.16
01616.02.1	M. of Financial Resources	2.13	.35	.13	2.00	.00	.00
01616.02.1	M. of Material Resources	2.13	.35	.13	2.13	.35	.13
01616.02.1	M. of Personnel Resources	3.00	.00	.00	3.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Park Naturalists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00161.02.1	Reading Comprehension	3.88	.35	.13	3.88	.35	.13
00161.02.1	Active Listening	3.75	.46	.16	3.88	.35	.13
00161.02.1	Writing	3.63	.52	.18	3.88	.35	.13
00161.02.1	Speaking	4.00	.53	.19	3.88	.35	.13
00161.02.1	Mathematics	2.00	.00	.00	2.00	.00	.00
00161.02.1	Science	2.63	.52	.18	2.38	.52	.18
00161.02.1	Critical Thinking	3.75	.46	.16	3.88	.35	.13
00161.02.1	Active Learning	3.38	.52	.18	3.13	.35	.13
00161.02.1	Learning Strategies	3.25	.46	.16	3.25	.46	.16
00161.02.1	Monitoring	3.13	.35	.13	3.13	.35	.13
00161.02.1	Social Perceptiveness	3.75	.46	.16	3.38	.52	.18
00161.02.1	Coordination	3.13	.35	.13	3.13	.35	.13
00161.02.1	Persuasion	3.00	.00	.00	2.88	.35	.13
00161.02.1	Negotiation	2.88	.35	.13	2.50	.53	.19
00161.02.1	Instructing	3.38	.52	.18	3.25	.46	.16
00161.02.1	Service Orientation	3.25	.46	.16	3.38	.52	.18
00161.02.1	Complex Problem Solving	3.00	.00	.00	3.00	.00	.00
00161.02.1	Operations Analysis	2.88	.35	.13	2.75	.46	.16
00161.02.1	Technology Design	2.00	.00	.00	1.13	.35	.13
00161.02.1	Equipment Selection	1.38	.52	.18	.75	1.04	.37
00161.02.1	Installation	1.00	.00	.00	.00	.00	.00
00161.02.1	Programming	1.75	.46	.16	1.00	.76	.27
00161.02.1	Quality Control Analysis	2.38	.52	.18	1.88	.35	.13
00161.02.1	Operations Monitoring	2.50	.53	.19	2.13	.35	.13
00161.02.1	Operation and Control	2.00	.00	.00	2.00	.00	.00
00161.02.1	Equipment Maintenance	1.50	.53	.19	.88	.99	.35
00161.02.1	Troubleshooting	2.00	.00	.00	1.63	.52	.18
00161.02.1	Repairing	1.38	.52	.18	.75	1.04	.37
00161.02.1	Systems Analysis	2.75	.46	.16	2.25	.46	.16
00161.02.1	Systems Evaluation	2.88	.35	.13	2.38	.74	.26
00161.02.1	Judg. and Dec. Making	3.38	.52	.18	3.13	.35	.13
00161.02.1	Time Management	3.13	.35	.13	3.13	.35	.13
00161.02.1	M. of Financial Resources	2.13	.35	.13	1.38	.74	.26
00161.02.1	M. of Material Resources	2.13	.35	.13	1.75	.71	.25
00161.02.1	M. of Personnel Resources	3.00	.00	.00	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Epidemiologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01223.03.1	Reading Comprehension	4.25	.46	.16	5.00	.53	.19
01223.03.1	Active Listening	4.00	.53	.19	4.50	.53	.19
01223.03.1	Writing	4.00	.00	.00	4.38	.52	.18
01223.03.1	Speaking	4.13	.35	.13	4.25	.46	.16
01223.03.1	Mathematics	3.50	.53	.19	4.00	.76	.27
01223.03.1	Science	4.38	.74	.26	5.25	.46	.16
01223.03.1	Critical Thinking	4.25	.46	.16	4.75	.71	.25
01223.03.1	Active Learning	4.13	.64	.23	4.63	.74	.26
01223.03.1	Learning Strategies	3.50	.53	.19	3.63	.52	.18
01223.03.1	Monitoring	3.75	.46	.16	4.13	.64	.23
01223.03.1	Social Perceptiveness	3.75	.46	.16	3.88	.64	.23
01223.03.1	Coordination	3.63	.52	.18	3.75	.46	.16
01223.03.1	Persuasion	3.13	.35	.13	3.50	.53	.19
01223.03.1	Negotiation	2.88	.35	.13	3.25	.46	.16
01223.03.1	Instructing	3.38	.52	.18	3.75	.71	.25
01223.03.1	Service Orientation	3.25	.46	.16	3.38	.74	.26
01223.03.1	Complex Problem Solving	4.00	.53	.19	4.38	.74	.26
01223.03.1	Operations Analysis	3.13	.35	.13	3.63	.52	.18
01223.03.1	Technology Design	1.63	.52	.18	.63	.52	.18
01223.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
01223.03.1	Installation	1.00	.00	.00	.00	.00	.00
01223.03.1	Programming	1.63	.52	.18	.75	.71	.25
01223.03.1	Quality Control Analysis	1.63	.52	.18	.88	.83	.30
01223.03.1	Operations Monitoring	1.88	.35	.13	1.38	.74	.26
01223.03.1	Operation and Control	1.13	.35	.13	.13	.35	.13
01223.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01223.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01223.03.1	Repairing	1.00	.00	.00	.00	.00	.00
01223.03.1	Systems Analysis	3.88	.64	.23	4.00	.53	.19
01223.03.1	Systems Evaluation	3.88	.64	.23	3.88	.64	.23
01223.03.1	Judg. and Dec. Making	4.13	.35	.13	4.25	.46	.16
01223.03.1	Time Management	3.38	.52	.18	3.63	.52	.18
01223.03.1	M. of Financial Resources	2.00	.76	.27	1.50	.93	.33
01223.03.1	M. of Material Resources	1.88	.35	.13	1.88	.83	.30
01223.03.1	M. of Personnel Resources	3.13	.35	.13	3.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Remote Sensing Scientists and Technologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01620.02.1	Reading Comprehension	4.00	.00	.00	4.88	.35	.13
01620.02.1	Active Listening	3.75	.46	.16	4.13	.35	.13
01620.02.1	Writing	3.88	.35	.13	4.75	.46	.16
01620.02.1	Speaking	3.88	.35	.13	3.88	.35	.13
01620.02.1	Mathematics	3.88	.64	.23	4.25	.46	.16
01620.02.1	Science	4.00	.00	.00	4.13	.35	.13
01620.02.1	Critical Thinking	4.00	.00	.00	4.25	.46	.16
01620.02.1	Active Learning	3.13	.35	.13	3.88	.35	.13
01620.02.1	Learning Strategies	2.88	.35	.13	3.13	.35	.13
01620.02.1	Monitoring	3.50	.53	.19	3.88	.35	.13
01620.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
01620.02.1	Coordination	3.00	.00	.00	3.13	.35	.13
01620.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
01620.02.1	Negotiation	2.63	.52	.18	2.75	.46	.16
01620.02.1	Instructing	2.75	.46	.16	3.25	.46	.16
01620.02.1	Service Orientation	2.88	.35	.13	3.00	.53	.19
01620.02.1	Complex Problem Solving	3.88	.35	.13	4.00	.53	.19
01620.02.1	Operations Analysis	3.38	.74	.26	3.88	.83	.30
01620.02.1	Technology Design	2.25	.71	.25	2.25	.71	.25
01620.02.1	Equipment Selection	1.25	.46	.16	.38	.74	.26
01620.02.1	Installation	1.13	.35	.13	.25	.71	.25
01620.02.1	Programming	2.50	.76	.27	2.38	.92	.32
01620.02.1	Quality Control Analysis	1.88	.64	.23	1.13	.99	.35
01620.02.1	Operations Monitoring	2.50	.53	.19	2.50	.76	.27
01620.02.1	Operation and Control	1.88	.64	.23	1.13	.99	.35
01620.02.1	Equipment Maintenance	1.13	.35	.13	.13	.35	.13
01620.02.1	Troubleshooting	1.13	.35	.13	.25	.71	.25
01620.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01620.02.1	Systems Analysis	3.75	.46	.16	3.88	.35	.13
01620.02.1	Systems Evaluation	3.50	.53	.19	3.88	.35	.13
01620.02.1	Judg. and Dec. Making	3.50	.53	.19	4.00	.53	.19
01620.02.1	Time Management	3.00	.00	.00	3.38	.52	.18
01620.02.1	M. of Financial Resources	2.00	.00	.00	1.88	.35	.13
01620.02.1	M. of Material Resources	2.13	.35	.13	2.25	.46	.16
01620.02.1	M. of Personnel Resources	2.88	.35	.13	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Sociologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00218.02.1	Reading Comprehension	4.13	.35	.13	4.88	.35	.13
00218.02.1	Active Listening	4.00	.00	.00	4.63	.52	.18
00218.02.1	Writing	4.00	.53	.19	4.75	.46	.16
00218.02.1	Speaking	3.88	.35	.13	4.50	.53	.19
00218.02.1	Mathematics	2.50	.53	.19	3.38	.52	.18
00218.02.1	Science	3.38	.74	.26	3.63	.52	.18
00218.02.1	Critical Thinking	3.88	.35	.13	4.25	.46	.16
00218.02.1	Active Learning	3.88	.35	.13	4.13	.35	.13
00218.02.1	Learning Strategies	3.75	.46	.16	4.00	.00	.00
00218.02.1	Monitoring	3.63	.52	.18	3.88	.35	.13
00218.02.1	Social Perceptiveness	4.00	.00	.00	4.25	.46	.16
00218.02.1	Coordination	3.13	.35	.13	3.13	.35	.13
00218.02.1	Persuasion	3.13	.35	.13	3.13	.35	.13
00218.02.1	Negotiation	2.88	.35	.13	3.00	.00	.00
00218.02.1	Instructing	3.63	.52	.18	3.88	.35	.13
00218.02.1	Service Orientation	3.00	.00	.00	3.13	.35	.13
00218.02.1	Complex Problem Solving	3.63	.52	.18	3.75	.46	.16
00218.02.1	Operations Analysis	2.75	.71	.25	2.50	.93	.33
00218.02.1	Technology Design	1.38	.52	.18	.63	.92	.32
00218.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00218.02.1	Installation	1.00	.00	.00	.00	.00	.00
00218.02.1	Programming	1.50	.53	.19	.75	.89	.31
00218.02.1	Quality Control Analysis	1.38	.52	.18	.50	.76	.27
00218.02.1	Operations Monitoring	1.38	.52	.18	.38	.52	.18
00218.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00218.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00218.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00218.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00218.02.1	Systems Analysis	3.13	.35	.13	3.63	.52	.18
00218.02.1	Systems Evaluation	2.88	.35	.13	3.00	.00	.00
00218.02.1	Judg. and Dec. Making	3.75	.46	.16	3.75	.46	.16
00218.02.1	Time Management	3.13	.35	.13	3.00	.00	.00
00218.02.1	M. of Financial Resources	1.88	.35	.13	.88	.35	.13
00218.02.1	M. of Material Resources	2.00	.00	.00	1.50	.53	.19
00218.02.1	M. of Personnel Resources	2.75	.46	.16	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Geographers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00154.03.1	Reading Comprehension	4.00	.00	.00	4.75	.46	.16
00154.03.1	Active Listening	3.88	.35	.13	4.00	.00	.00
00154.03.1	Writing	4.00	.00	.00	4.75	.46	.16
00154.03.1	Speaking	4.00	.00	.00	4.25	.46	.16
00154.03.1	Mathematics	2.88	.35	.13	3.00	.00	.00
00154.03.1	Science	3.63	.52	.18	3.88	.35	.13
00154.03.1	Critical Thinking	3.88	.35	.13	4.00	.00	.00
00154.03.1	Active Learning	3.75	.46	.16	3.88	.35	.13
00154.03.1	Learning Strategies	3.25	.46	.16	3.63	.52	.18
00154.03.1	Monitoring	3.00	.00	.00	3.50	.53	.19
00154.03.1	Social Perceptiveness	3.00	.00	.00	3.13	.35	.13
00154.03.1	Coordination	3.00	.00	.00	3.25	.46	.16
00154.03.1	Persuasion	2.63	.52	.18	2.75	.46	.16
00154.03.1	Negotiation	2.75	.46	.16	2.75	.46	.16
00154.03.1	Instructing	3.25	.46	.16	3.63	.52	.18
00154.03.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
00154.03.1	Complex Problem Solving	3.63	.52	.18	3.88	.35	.13
00154.03.1	Operations Analysis	2.63	.52	.18	2.75	.46	.16
00154.03.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00154.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00154.03.1	Installation	1.00	.00	.00	.00	.00	.00
00154.03.1	Programming	1.63	.52	.18	.88	.83	.30
00154.03.1	Quality Control Analysis	1.38	.52	.18	.50	.76	.27
00154.03.1	Operations Monitoring	1.88	.35	.13	1.25	.71	.25
00154.03.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00154.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00154.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00154.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00154.03.1	Systems Analysis	3.50	.53	.19	3.75	.46	.16
00154.03.1	Systems Evaluation	3.00	.53	.19	3.50	.53	.19
00154.03.1	Judg. and Dec. Making	3.75	.46	.16	3.63	.52	.18
00154.03.1	Time Management	3.00	.00	.00	3.38	.52	.18
00154.03.1	M. of Financial Resources	2.00	.00	.00	1.50	.53	.19
00154.03.1	M. of Material Resources	2.00	.00	.00	1.75	.46	.16
00154.03.1	M. of Personnel Resources	2.75	.46	.16	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Environmental Science and Protection Technicians, Including Health

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00184.03.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
00184.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00184.03.1	Writing	3.63	.52	.18	3.88	.35	.13
00184.03.1	Speaking	3.75	.46	.16	3.75	.46	.16
00184.03.1	Mathematics	3.13	.35	.13	3.13	.64	.23
00184.03.1	Science	3.63	.52	.18	3.38	.52	.18
00184.03.1	Critical Thinking	3.88	.35	.13	3.75	.46	.16
00184.03.1	Active Learning	3.13	.35	.13	3.13	.35	.13
00184.03.1	Learning Strategies	3.00	.53	.19	3.13	.35	.13
00184.03.1	Monitoring	3.25	.46	.16	3.88	.35	.13
00184.03.1	Social Perceptiveness	3.25	.46	.16	3.13	.35	.13
00184.03.1	Coordination	3.00	.00	.00	3.00	.00	.00
00184.03.1	Persuasion	3.00	.53	.19	3.13	.35	.13
00184.03.1	Negotiation	2.75	.46	.16	3.00	.00	.00
00184.03.1	Instructing	3.00	.53	.19	3.13	.35	.13
00184.03.1	Service Orientation	3.13	.35	.13	2.88	.35	.13
00184.03.1	Complex Problem Solving	3.38	.52	.18	3.38	.52	.18
00184.03.1	Operations Analysis	2.88	.35	.13	3.00	.53	.19
00184.03.1	Technology Design	1.63	.52	.18	.75	.71	.25
00184.03.1	Equipment Selection	2.13	.35	.13	1.88	.35	.13
00184.03.1	Installation	1.00	.00	.00	.00	.00	.00
00184.03.1	Programming	1.75	.71	.25	1.13	1.36	.48
00184.03.1	Quality Control Analysis	2.88	.64	.23	2.88	.35	.13
00184.03.1	Operations Monitoring	3.13	.35	.13	3.13	.35	.13
00184.03.1	Operation and Control	2.75	.46	.16	2.75	.46	.16
00184.03.1	Equipment Maintenance	2.38	.52	.18	2.13	.64	.23
00184.03.1	Troubleshooting	2.25	.46	.16	2.63	.52	.18
00184.03.1	Repairing	2.13	.35	.13	2.00	.53	.19
00184.03.1	Systems Analysis	3.00	.53	.19	3.25	.46	.16
00184.03.1	Systems Evaluation	2.88	.35	.13	3.00	.00	.00
00184.03.1	Judg. and Dec. Making	3.25	.46	.16	3.38	.52	.18
00184.03.1	Time Management	3.25	.46	.16	3.25	.46	.16
00184.03.1	M. of Financial Resources	2.00	.00	.00	1.50	.53	.19
00184.03.1	M. of Material Resources	2.00	.00	.00	1.88	.35	.13
00184.03.1	M. of Personnel Resources	2.38	.52	.18	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Precision Agriculture Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01625.02.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
01625.02.1	Active Listening	3.88	.35	.13	3.88	.35	.13
01625.02.1	Writing	3.38	.52	.18	3.38	.52	.18
01625.02.1	Speaking	3.75	.46	.16	3.38	.52	.18
01625.02.1	Mathematics	3.25	.46	.16	3.38	.52	.18
01625.02.1	Science	3.00	.00	.00	3.13	.35	.13
01625.02.1	Critical Thinking	3.88	.35	.13	3.63	.52	.18
01625.02.1	Active Learning	3.50	.53	.19	3.75	.71	.25
01625.02.1	Learning Strategies	2.75	.46	.16	2.75	.46	.16
01625.02.1	Monitoring	3.25	.46	.16	3.50	.53	.19
01625.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
01625.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01625.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
01625.02.1	Negotiation	2.50	.53	.19	2.75	.46	.16
01625.02.1	Instructing	2.63	.52	.18	3.00	.53	.19
01625.02.1	Service Orientation	3.00	.53	.19	3.00	.53	.19
01625.02.1	Complex Problem Solving	3.25	.46	.16	3.25	.46	.16
01625.02.1	Operations Analysis	2.75	.46	.16	3.25	.71	.25
01625.02.1	Technology Design	1.75	.46	.16	1.00	.76	.27
01625.02.1	Equipment Selection	2.25	.71	.25	2.13	1.13	.40
01625.02.1	Installation	1.75	.71	.25	1.38	1.30	.46
01625.02.1	Programming	2.25	.46	.16	1.63	.92	.32
01625.02.1	Quality Control Analysis	2.63	.52	.18	3.00	.00	.00
01625.02.1	Operations Monitoring	3.00	.00	.00	2.88	.35	.13
01625.02.1	Operation and Control	2.75	.46	.16	2.75	.46	.16
01625.02.1	Equipment Maintenance	2.63	.52	.18	2.38	.74	.26
01625.02.1	Troubleshooting	2.75	.46	.16	2.38	.74	.26
01625.02.1	Repairing	2.50	.53	.19	2.38	.74	.26
01625.02.1	Systems Analysis	3.38	.52	.18	3.25	.46	.16
01625.02.1	Systems Evaluation	3.00	.53	.19	3.25	.46	.16
01625.02.1	Judg. and Dec. Making	3.38	.52	.18	3.50	.53	.19
01625.02.1	Time Management	3.13	.35	.13	2.88	.35	.13
01625.02.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
01625.02.1	M. of Material Resources	1.88	.35	.13	1.13	.64	.23
01625.02.1	M. of Personnel Resources	2.50	.53	.19	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Lawyers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00237.03.1	Reading Comprehension	4.38	.52	.18	4.88	.35	.13
00237.03.1	Active Listening	4.63	.52	.18	4.75	.46	.16
00237.03.1	Writing	4.00	.00	.00	4.88	.35	.13
00237.03.1	Speaking	4.63	.52	.18	4.88	.35	.13
00237.03.1	Mathematics	2.13	.35	.13	2.13	.35	.13
00237.03.1	Science	1.63	.52	.18	.88	.83	.30
00237.03.1	Critical Thinking	4.25	.46	.16	4.88	.35	.13
00237.03.1	Active Learning	3.88	.35	.13	4.25	.46	.16
00237.03.1	Learning Strategies	3.00	.00	.00	3.13	.35	.13
00237.03.1	Monitoring	3.63	.52	.18	3.75	.46	.16
00237.03.1	Social Perceptiveness	3.75	.46	.16	4.00	.00	.00
00237.03.1	Coordination	3.38	.52	.18	3.38	.52	.18
00237.03.1	Persuasion	4.00	.00	.00	4.50	.53	.19
00237.03.1	Negotiation	4.00	.00	.00	4.25	.46	.16
00237.03.1	Instructing	3.13	.35	.13	3.13	.35	.13
00237.03.1	Service Orientation	3.13	.35	.13	3.75	.46	.16
00237.03.1	Complex Problem Solving	4.13	.35	.13	4.00	.00	.00
00237.03.1	Operations Analysis	2.63	.74	.26	2.38	1.06	.38
00237.03.1	Technology Design	1.88	.35	.13	1.00	.53	.19
00237.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00237.03.1	Installation	1.00	.00	.00	.00	.00	.00
00237.03.1	Programming	1.50	.53	.19	.75	.89	.31
00237.03.1	Quality Control Analysis	1.13	.35	.13	.25	.71	.25
00237.03.1	Operations Monitoring	1.63	.52	.18	.63	.52	.18
00237.03.1	Operation and Control	1.38	.52	.18	.38	.52	.18
00237.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00237.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00237.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00237.03.1	Systems Analysis	3.50	.53	.19	3.50	.53	.19
00237.03.1	Systems Evaluation	3.00	.53	.19	3.25	.46	.16
00237.03.1	Judg. and Dec. Making	4.13	.35	.13	4.25	.46	.16
00237.03.1	Time Management	3.88	.35	.13	4.00	.00	.00
00237.03.1	M. of Financial Resources	2.25	.46	.16	2.00	.53	.19
00237.03.1	M. of Material Resources	2.00	.00	.00	1.75	.46	.16
00237.03.1	M. of Personnel Resources	2.88	.35	.13	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Graduate Teaching Assistants

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00244.02.1	Reading Comprehension	3.88	.35	.13	4.25	.46	.16
00244.02.1	Active Listening	3.63	.52	.18	4.00	.00	.00
00244.02.1	Writing	3.25	.46	.16	3.38	.52	.18
00244.02.1	Speaking	3.50	.53	.19	3.50	.53	.19
00244.02.1	Mathematics	2.25	.46	.16	2.00	.53	.19
00244.02.1	Science	2.00	.00	.00	1.63	.52	.18
00244.02.1	Critical Thinking	3.13	.35	.13	3.38	.52	.18
00244.02.1	Active Learning	3.00	.00	.00	3.13	.35	.13
00244.02.1	Learning Strategies	3.38	.52	.18	3.50	.53	.19
00244.02.1	Monitoring	3.13	.35	.13	3.25	.46	.16
00244.02.1	Social Perceptiveness	3.13	.35	.13	3.13	.35	.13
00244.02.1	Coordination	3.13	.35	.13	3.00	.00	.00
00244.02.1	Persuasion	2.38	.52	.18	2.63	.52	.18
00244.02.1	Negotiation	2.38	.52	.18	2.25	.46	.16
00244.02.1	Instructing	3.50	.53	.19	3.50	.53	.19
00244.02.1	Service Orientation	3.13	.35	.13	3.13	.35	.13
00244.02.1	Complex Problem Solving	3.13	.35	.13	3.13	.35	.13
00244.02.1	Operations Analysis	2.00	.00	.00	2.00	.00	.00
00244.02.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00244.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00244.02.1	Installation	1.00	.00	.00	.00	.00	.00
00244.02.1	Programming	1.75	.71	.25	1.00	1.07	.38
00244.02.1	Quality Control Analysis	2.13	.35	.13	1.50	.76	.27
00244.02.1	Operations Monitoring	2.00	.00	.00	1.25	.46	.16
00244.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00244.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00244.02.1	Troubleshooting	1.75	.46	.16	.88	.64	.23
00244.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00244.02.1	Systems Analysis	2.25	.46	.16	2.38	.52	.18
00244.02.1	Systems Evaluation	2.25	.46	.16	2.13	.35	.13
00244.02.1	Judg. and Dec. Making	3.00	.00	.00	3.00	.00	.00
00244.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
00244.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00244.02.1	M. of Material Resources	1.75	.71	.25	.88	.83	.30
00244.02.1	M. of Personnel Resources	2.25	.46	.16	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Craft Artists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01296.02.1	Reading Comprehension	3.13	.35	.13	2.75	.46	.16
01296.02.1	Active Listening	3.13	.35	.13	2.75	.46	.16
01296.02.1	Writing	2.88	.35	.13	2.63	.52	.18
01296.02.1	Speaking	3.13	.35	.13	2.88	.35	.13
01296.02.1	Mathematics	2.13	.35	.13	2.00	.00	.00
01296.02.1	Science	1.38	.52	.18	.38	.52	.18
01296.02.1	Critical Thinking	3.00	.00	.00	3.13	.35	.13
01296.02.1	Active Learning	2.88	.35	.13	2.63	.52	.18
01296.02.1	Learning Strategies	2.25	.46	.16	2.25	.46	.16
01296.02.1	Monitoring	3.00	.00	.00	2.75	.46	.16
01296.02.1	Social Perceptiveness	3.13	.35	.13	2.88	.35	.13
01296.02.1	Coordination	2.50	.53	.19	2.13	.35	.13
01296.02.1	Persuasion	3.00	.53	.19	2.88	.64	.23
01296.02.1	Negotiation	2.13	.35	.13	2.13	.35	.13
01296.02.1	Instructing	1.25	.46	.16	.38	.74	.26
01296.02.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
01296.02.1	Complex Problem Solving	2.88	.35	.13	2.88	.35	.13
01296.02.1	Operations Analysis	2.63	.52	.18	2.38	.74	.26
01296.02.1	Technology Design	1.88	.35	.13	1.25	.71	.25
01296.02.1	Equipment Selection	2.38	.52	.18	2.13	.35	.13
01296.02.1	Installation	1.00	.00	.00	.00	.00	.00
01296.02.1	Programming	1.50	.53	.19	.50	.53	.19
01296.02.1	Quality Control Analysis	2.50	.53	.19	2.50	.53	.19
01296.02.1	Operations Monitoring	2.25	.46	.16	1.88	.35	.13
01296.02.1	Operation and Control	2.25	.46	.16	2.00	.53	.19
01296.02.1	Equipment Maintenance	1.88	.35	.13	1.63	.74	.26
01296.02.1	Troubleshooting	1.88	.35	.13	1.63	.74	.26
01296.02.1	Repairing	1.88	.35	.13	1.63	.74	.26
01296.02.1	Systems Analysis	2.00	.00	.00	1.75	.46	.16
01296.02.1	Systems Evaluation	2.13	.35	.13	1.75	.46	.16
01296.02.1	Judg. and Dec. Making	2.75	.46	.16	2.63	.52	.18
01296.02.1	Time Management	2.63	.52	.18	2.13	.35	.13
01296.02.1	M. of Financial Resources	2.25	.46	.16	2.00	.53	.19
01296.02.1	M. of Material Resources	2.50	.53	.19	2.13	.64	.23
01296.02.1	M. of Personnel Resources	2.13	.35	.13	1.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Graphic Designers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00368.03.1	Reading Comprehension	3.25	.46	.16	3.75	.46	.16
00368.03.1	Active Listening	3.63	.52	.18	3.38	.52	.18
00368.03.1	Writing	3.00	.00	.00	3.13	.35	.13
00368.03.1	Speaking	3.38	.52	.18	3.50	.53	.19
00368.03.1	Mathematics	2.00	.00	.00	2.13	.35	.13
00368.03.1	Science	1.25	.46	.16	.25	.46	.16
00368.03.1	Critical Thinking	3.38	.52	.18	3.63	.52	.18
00368.03.1	Active Learning	3.13	.35	.13	3.13	.35	.13
00368.03.1	Learning Strategies	2.63	.52	.18	2.75	.46	.16
00368.03.1	Monitoring	3.00	.00	.00	3.13	.35	.13
00368.03.1	Social Perceptiveness	3.13	.64	.23	2.88	.35	.13
00368.03.1	Coordination	3.00	.00	.00	3.00	.00	.00
00368.03.1	Persuasion	2.88	.35	.13	3.00	.53	.19
00368.03.1	Negotiation	2.88	.35	.13	2.88	.35	.13
00368.03.1	Instructing	2.63	.52	.18	2.88	.35	.13
00368.03.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
00368.03.1	Complex Problem Solving	3.00	.53	.19	3.00	.53	.19
00368.03.1	Operations Analysis	3.13	.35	.13	3.13	.35	.13
00368.03.1	Technology Design	2.00	.76	.27	1.50	.93	.33
00368.03.1	Equipment Selection	1.25	.46	.16	.38	.74	.26
00368.03.1	Installation	1.00	.00	.00	.00	.00	.00
00368.03.1	Programming	1.63	.74	.26	.75	1.04	.37
00368.03.1	Quality Control Analysis	2.00	.53	.19	1.25	.89	.31
00368.03.1	Operations Monitoring	1.88	.35	.13	1.63	.74	.26
00368.03.1	Operation and Control	1.25	.46	.16	.25	.46	.16
00368.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00368.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00368.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00368.03.1	Systems Analysis	2.75	.46	.16	2.63	.52	.18
00368.03.1	Systems Evaluation	2.50	.53	.19	2.75	.71	.25
00368.03.1	Judg. and Dec. Making	3.13	.35	.13	3.00	.00	.00
00368.03.1	Time Management	3.13	.35	.13	3.00	.00	.00
00368.03.1	M. of Financial Resources	1.88	.35	.13	1.38	.74	.26
00368.03.1	M. of Material Resources	1.88	.35	.13	1.00	.53	.19
00368.03.1	M. of Personnel Resources	2.38	.52	.18	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Athletes and Sports Competitors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00398.02.1	Reading Comprehension	3.13	.35	.13	3.00	.00	.00
00398.02.1	Active Listening	3.75	.46	.16	3.25	.46	.16
00398.02.1	Writing	2.75	.46	.16	2.88	.35	.13
00398.02.1	Speaking	3.88	.35	.13	3.00	.00	.00
00398.02.1	Mathematics	2.13	.35	.13	1.50	.76	.27
00398.02.1	Science	1.75	.46	.16	1.00	.76	.27
00398.02.1	Critical Thinking	3.75	.46	.16	3.13	.35	.13
00398.02.1	Active Learning	3.00	.00	.00	3.00	.00	.00
00398.02.1	Learning Strategies	2.88	.35	.13	3.00	.00	.00
00398.02.1	Monitoring	3.25	.46	.16	3.00	.00	.00
00398.02.1	Social Perceptiveness	3.13	.35	.13	3.00	.00	.00
00398.02.1	Coordination	3.63	.52	.18	3.75	.46	.16
00398.02.1	Persuasion	3.00	.53	.19	2.50	.53	.19
00398.02.1	Negotiation	2.88	.35	.13	2.38	.52	.18
00398.02.1	Instructing	3.00	.00	.00	3.00	.00	.00
00398.02.1	Service Orientation	2.88	.35	.13	2.75	.46	.16
00398.02.1	Complex Problem Solving	3.00	.00	.00	2.88	.35	.13
00398.02.1	Operations Analysis	2.00	.00	.00	2.00	.00	.00
00398.02.1	Technology Design	1.88	.35	.13	.88	.35	.13
00398.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00398.02.1	Installation	1.00	.00	.00	.00	.00	.00
00398.02.1	Programming	1.00	.00	.00	.00	.00	.00
00398.02.1	Quality Control Analysis	2.00	.00	.00	1.38	.74	.26
00398.02.1	Operations Monitoring	2.38	.52	.18	1.88	.64	.23
00398.02.1	Operation and Control	1.75	.71	.25	1.38	1.19	.42
00398.02.1	Equipment Maintenance	1.88	1.25	.44	.88	1.25	.44
00398.02.1	Troubleshooting	1.88	.35	.13	1.00	.53	.19
00398.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00398.02.1	Systems Analysis	2.13	.35	.13	2.13	.35	.13
00398.02.1	Systems Evaluation	2.38	.52	.18	2.38	.52	.18
00398.02.1	Judg. and Dec. Making	3.25	.46	.16	2.88	.35	.13
00398.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
00398.02.1	M. of Financial Resources	1.63	.52	.18	1.00	.93	.33
00398.02.1	M. of Material Resources	1.75	.71	.25	1.13	1.13	.40
00398.02.1	M. of Personnel Resources	2.88	.35	.13	2.50	.76	.27

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Musicians, Instrumental

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00384.02.1	Reading Comprehension	3.00	.00	.00	3.13	.35	.13
00384.02.1	Active Listening	3.63	.52	.18	3.13	.35	.13
00384.02.1	Writing	2.88	.35	.13	3.00	.00	.00
00384.02.1	Speaking	3.13	.35	.13	3.13	.35	.13
00384.02.1	Mathematics	1.88	.35	.13	1.13	.64	.23
00384.02.1	Science	1.00	.00	.00	.00	.00	.00
00384.02.1	Critical Thinking	3.13	.35	.13	3.13	.35	.13
00384.02.1	Active Learning	3.00	.00	.00	3.00	.00	.00
00384.02.1	Learning Strategies	2.50	.53	.19	2.88	.64	.23
00384.02.1	Monitoring	3.13	.35	.13	3.38	.52	.18
00384.02.1	Social Perceptiveness	3.13	.35	.13	3.25	.46	.16
00384.02.1	Coordination	3.13	.35	.13	3.63	.52	.18
00384.02.1	Persuasion	2.88	.35	.13	3.00	.53	.19
00384.02.1	Negotiation	2.63	.52	.18	2.88	.35	.13
00384.02.1	Instructing	2.50	.53	.19	3.00	.00	.00
00384.02.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
00384.02.1	Complex Problem Solving	2.75	.46	.16	2.88	.35	.13
00384.02.1	Operations Analysis	2.00	.53	.19	1.63	.92	.32
00384.02.1	Technology Design	1.38	.52	.18	.50	.76	.27
00384.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00384.02.1	Installation	1.00	.00	.00	.00	.00	.00
00384.02.1	Programming	1.00	.00	.00	.00	.00	.00
00384.02.1	Quality Control Analysis	2.13	.35	.13	1.38	.74	.26
00384.02.1	Operations Monitoring	2.00	.00	.00	1.38	.74	.26
00384.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00384.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00384.02.1	Troubleshooting	1.63	.52	.18	.88	.83	.30
00384.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00384.02.1	Systems Analysis	2.38	.52	.18	2.25	.46	.16
00384.02.1	Systems Evaluation	2.38	.52	.18	2.25	.46	.16
00384.02.1	Judg. and Dec. Making	3.13	.35	.13	3.00	.00	.00
00384.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
00384.02.1	M. of Financial Resources	1.50	.53	.19	.50	.53	.19
00384.02.1	M. of Material Resources	1.50	.53	.19	.50	.53	.19
00384.02.1	M. of Personnel Resources	2.25	.46	.16	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Radio and Television Announcers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00358.02.1	Reading Comprehension	4.00	.00	.00	3.88	.35	.13
00358.02.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00358.02.1	Writing	3.25	.46	.16	4.00	.00	.00
00358.02.1	Speaking	4.63	.52	.18	4.38	.52	.18
00358.02.1	Mathematics	1.88	.35	.13	1.25	.89	.31
00358.02.1	Science	1.00	.00	.00	.00	.00	.00
00358.02.1	Critical Thinking	3.75	.46	.16	3.88	.35	.13
00358.02.1	Active Learning	3.25	.46	.16	3.25	.46	.16
00358.02.1	Learning Strategies	2.13	.35	.13	2.38	.52	.18
00358.02.1	Monitoring	3.25	.46	.16	3.38	.52	.18
00358.02.1	Social Perceptiveness	3.50	.53	.19	3.75	.46	.16
00358.02.1	Coordination	3.00	.00	.00	3.50	.53	.19
00358.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
00358.02.1	Negotiation	2.88	.35	.13	2.88	.35	.13
00358.02.1	Instructing	2.38	.52	.18	2.13	.35	.13
00358.02.1	Service Orientation	3.00	.00	.00	3.00	.00	.00
00358.02.1	Complex Problem Solving	3.00	.00	.00	3.00	.00	.00
00358.02.1	Operations Analysis	2.00	.53	.19	1.25	.89	.31
00358.02.1	Technology Design	1.38	.52	.18	.63	.92	.32
00358.02.1	Equipment Selection	1.63	.52	.18	.75	.71	.25
00358.02.1	Installation	1.00	.00	.00	.00	.00	.00
00358.02.1	Programming	1.25	.46	.16	.38	.74	.26
00358.02.1	Quality Control Analysis	2.13	.35	.13	1.63	.52	.18
00358.02.1	Operations Monitoring	2.25	.46	.16	2.00	.76	.27
00358.02.1	Operation and Control	2.25	.46	.16	1.75	.46	.16
00358.02.1	Equipment Maintenance	1.63	.52	.18	.63	.52	.18
00358.02.1	Troubleshooting	1.63	.52	.18	.75	.71	.25
00358.02.1	Repairing	1.63	.52	.18	.63	.52	.18
00358.02.1	Systems Analysis	2.13	.35	.13	2.00	.53	.19
00358.02.1	Systems Evaluation	2.13	.35	.13	2.00	.00	.00
00358.02.1	Judg. and Dec. Making	3.25	.46	.16	3.13	.35	.13
00358.02.1	Time Management	3.38	.52	.18	3.13	.35	.13
00358.02.1	M. of Financial Resources	1.50	.53	.19	.63	.74	.26
00358.02.1	M. of Material Resources	1.50	.53	.19	.63	.74	.26
00358.02.1	M. of Personnel Resources	2.13	.35	.13	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Public Address System and Other Announcers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00359.02.1	Reading Comprehension	3.25	.46	.16	3.50	.53	.19
00359.02.1	Active Listening	3.38	.52	.18	3.25	.46	.16
00359.02.1	Writing	2.63	.52	.18	2.88	.35	.13
00359.02.1	Speaking	4.63	.52	.18	4.00	.00	.00
00359.02.1	Mathematics	1.75	.46	.16	1.38	.92	.32
00359.02.1	Science	1.00	.00	.00	.00	.00	.00
00359.02.1	Critical Thinking	2.88	.35	.13	2.88	.35	.13
00359.02.1	Active Learning	2.88	.35	.13	2.88	.35	.13
00359.02.1	Learning Strategies	1.88	.35	.13	1.50	.76	.27
00359.02.1	Monitoring	3.00	.00	.00	3.00	.00	.00
00359.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
00359.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
00359.02.1	Persuasion	2.63	.52	.18	2.63	.52	.18
00359.02.1	Negotiation	2.13	.64	.23	2.00	.93	.33
00359.02.1	Instructing	2.00	.53	.19	1.75	.71	.25
00359.02.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
00359.02.1	Complex Problem Solving	2.75	.46	.16	2.75	.46	.16
00359.02.1	Operations Analysis	1.50	.53	.19	.50	.53	.19
00359.02.1	Technology Design	1.50	.53	.19	.50	.53	.19
00359.02.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
00359.02.1	Installation	1.00	.00	.00	.00	.00	.00
00359.02.1	Programming	1.25	.46	.16	.25	.46	.16
00359.02.1	Quality Control Analysis	2.13	.35	.13	1.25	.46	.16
00359.02.1	Operations Monitoring	2.13	.35	.13	1.75	.46	.16
00359.02.1	Operation and Control	1.63	.52	.18	.88	.83	.30
00359.02.1	Equipment Maintenance	1.25	.46	.16	.25	.46	.16
00359.02.1	Troubleshooting	1.88	.35	.13	.88	.35	.13
00359.02.1	Repairing	1.25	.46	.16	.25	.46	.16
00359.02.1	Systems Analysis	2.00	.00	.00	1.75	.46	.16
00359.02.1	Systems Evaluation	2.00	.00	.00	1.50	.53	.19
00359.02.1	Judg. and Dec. Making	2.75	.46	.16	2.38	.74	.26
00359.02.1	Time Management	2.75	.46	.16	2.50	.53	.19
00359.02.1	M. of Financial Resources	1.25	.46	.16	.25	.46	.16
00359.02.1	M. of Material Resources	1.50	.53	.19	.50	.53	.19
00359.02.1	M. of Personnel Resources	1.88	.35	.13	1.50	.76	.27

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Preventive Medicine Physicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01638.02.1	Reading Comprehension	4.38	.52	.18	5.50	.53	.19
01638.02.1	Active Listening	4.13	.35	.13	4.50	.53	.19
01638.02.1	Writing	4.00	.00	.00	4.75	.46	.16
01638.02.1	Speaking	4.00	.00	.00	4.63	.52	.18
01638.02.1	Mathematics	3.13	.35	.13	3.38	.52	.18
01638.02.1	Science	3.88	.64	.23	4.63	.74	.26
01638.02.1	Critical Thinking	4.25	.46	.16	5.00	.53	.19
01638.02.1	Active Learning	4.13	.35	.13	4.88	.64	.23
01638.02.1	Learning Strategies	3.75	.46	.16	4.50	.53	.19
01638.02.1	Monitoring	3.88	.35	.13	4.50	.93	.33
01638.02.1	Social Perceptiveness	4.00	.00	.00	4.63	.52	.18
01638.02.1	Coordination	3.88	.35	.13	4.25	.71	.25
01638.02.1	Persuasion	3.38	.52	.18	3.88	.64	.23
01638.02.1	Negotiation	3.13	.35	.13	3.25	.46	.16
01638.02.1	Instructing	3.50	.53	.19	4.50	.53	.19
01638.02.1	Service Orientation	3.75	.46	.16	4.88	.64	.23
01638.02.1	Complex Problem Solving	4.00	.53	.19	4.88	.64	.23
01638.02.1	Operations Analysis	2.63	.52	.18	2.88	.64	.23
01638.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
01638.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
01638.02.1	Installation	1.00	.00	.00	.00	.00	.00
01638.02.1	Programming	1.88	.35	.13	.88	.35	.13
01638.02.1	Quality Control Analysis	2.38	.52	.18	2.25	.71	.25
01638.02.1	Operations Monitoring	1.63	.52	.18	.75	.71	.25
01638.02.1	Operation and Control	1.63	.52	.18	.63	.52	.18
01638.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01638.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01638.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01638.02.1	Systems Analysis	3.63	.74	.26	4.00	.93	.33
01638.02.1	Systems Evaluation	3.75	.71	.25	4.25	.89	.31
01638.02.1	Judg. and Dec. Making	4.00	.53	.19	4.75	.71	.25
01638.02.1	Time Management	3.63	.52	.18	4.13	.83	.30
01638.02.1	M. of Financial Resources	1.88	.64	.23	1.63	1.06	.38
01638.02.1	M. of Material Resources	1.75	.46	.16	1.63	1.06	.38
01638.02.1	M. of Personnel Resources	3.50	.53	.19	4.13	.64	.23

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Recreational Therapists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00310.03.1	Reading Comprehension	3.75	.46	.16	3.88	.35	.13
00310.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00310.03.1	Writing	3.63	.52	.18	3.88	.35	.13
00310.03.1	Speaking	4.00	.00	.00	3.88	.35	.13
00310.03.1	Mathematics	2.00	.00	.00	2.00	.00	.00
00310.03.1	Science	2.38	.74	.26	2.00	.93	.33
00310.03.1	Critical Thinking	3.75	.46	.16	4.00	.00	.00
00310.03.1	Active Learning	3.38	.52	.18	3.38	.52	.18
00310.03.1	Learning Strategies	3.38	.52	.18	3.38	.52	.18
00310.03.1	Monitoring	3.38	.52	.18	3.63	.74	.26
00310.03.1	Social Perceptiveness	4.13	.35	.13	4.00	.53	.19
00310.03.1	Coordination	4.00	.00	.00	3.75	.46	.16
00310.03.1	Persuasion	3.25	.46	.16	3.75	.46	.16
00310.03.1	Negotiation	3.38	.52	.18	3.25	.46	.16
00310.03.1	Instructing	3.75	.46	.16	3.75	.46	.16
00310.03.1	Service Orientation	4.13	.35	.13	3.88	.35	.13
00310.03.1	Complex Problem Solving	3.50	.53	.19	3.50	.53	.19
00310.03.1	Operations Analysis	2.75	.71	.25	2.88	.64	.23
00310.03.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00310.03.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
00310.03.1	Installation	1.00	.00	.00	.00	.00	.00
00310.03.1	Programming	1.50	.53	.19	.75	.89	.31
00310.03.1	Quality Control Analysis	2.00	.00	.00	1.25	.46	.16
00310.03.1	Operations Monitoring	2.00	.00	.00	2.00	.53	.19
00310.03.1	Operation and Control	1.88	.35	.13	1.50	.76	.27
00310.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00310.03.1	Troubleshooting	1.75	.46	.16	.88	.64	.23
00310.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00310.03.1	Systems Analysis	2.88	.64	.23	2.75	.71	.25
00310.03.1	Systems Evaluation	2.75	.71	.25	2.50	.76	.27
00310.03.1	Judg. and Dec. Making	3.38	.52	.18	3.38	.52	.18
00310.03.1	Time Management	3.38	.52	.18	3.38	.52	.18
00310.03.1	M. of Financial Resources	2.00	.00	.00	1.50	.53	.19
00310.03.1	M. of Material Resources	2.00	.00	.00	1.63	.52	.18
00310.03.1	M. of Personnel Resources	3.00	.00	.00	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Orthoptists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01651.02.1	Reading Comprehension	3.38	.52	.18	4.63	.52	.18
01651.02.1	Active Listening	3.75	.46	.16	4.00	.00	.00
01651.02.1	Writing	3.13	.35	.13	4.00	.00	.00
01651.02.1	Speaking	3.75	.46	.16	3.88	.35	.13
01651.02.1	Mathematics	2.50	.53	.19	2.75	.46	.16
01651.02.1	Science	3.88	.64	.23	3.88	.35	.13
01651.02.1	Critical Thinking	3.88	.35	.13	4.00	.00	.00
01651.02.1	Active Learning	3.13	.35	.13	3.88	.35	.13
01651.02.1	Learning Strategies	3.13	.35	.13	3.63	.52	.18
01651.02.1	Monitoring	3.13	.35	.13	3.63	.52	.18
01651.02.1	Social Perceptiveness	3.75	.46	.16	3.88	.35	.13
01651.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01651.02.1	Persuasion	3.00	.00	.00	3.00	.00	.00
01651.02.1	Negotiation	2.38	.52	.18	2.63	.52	.18
01651.02.1	Instructing	3.13	.35	.13	3.88	.35	.13
01651.02.1	Service Orientation	3.25	.46	.16	4.00	.00	.00
01651.02.1	Complex Problem Solving	3.25	.46	.16	3.88	.35	.13
01651.02.1	Operations Analysis	2.88	.35	.13	2.88	.35	.13
01651.02.1	Technology Design	2.00	.00	.00	1.38	.52	.18
01651.02.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
01651.02.1	Installation	1.00	.00	.00	.00	.00	.00
01651.02.1	Programming	2.00	.00	.00	1.25	.46	.16
01651.02.1	Quality Control Analysis	1.75	.46	.16	1.25	.89	.31
01651.02.1	Operations Monitoring	2.13	.35	.13	1.75	.46	.16
01651.02.1	Operation and Control	1.25	.46	.16	.38	.74	.26
01651.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01651.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01651.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01651.02.1	Systems Analysis	2.88	.35	.13	3.00	.00	.00
01651.02.1	Systems Evaluation	2.88	.35	.13	3.00	.00	.00
01651.02.1	Judg. and Dec. Making	3.38	.52	.18	3.75	.46	.16
01651.02.1	Time Management	3.00	.00	.00	3.13	.35	.13
01651.02.1	M. of Financial Resources	1.50	.53	.19	.75	.89	.31
01651.02.1	M. of Material Resources	1.63	.52	.18	.88	.83	.30
01651.02.1	M. of Personnel Resources	2.38	.52	.18	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Orderlies

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01705.01.1	Reading Comprehension	2.50	.76	.27	2.00	.93	.33
01705.01.1	Active Listening	3.13	.64	.23	2.50	.53	.19
01705.01.1	Writing	2.63	.52	.18	2.25	.46	.16
01705.01.1	Speaking	3.00	.53	.19	2.13	.35	.13
01705.01.1	Mathematics	1.75	.46	.16	.88	.64	.23
01705.01.1	Science	1.25	.46	.16	.25	.46	.16
01705.01.1	Critical Thinking	2.75	.46	.16	2.13	.64	.23
01705.01.1	Active Learning	2.13	.35	.13	1.88	.64	.23
01705.01.1	Learning Strategies	2.13	.35	.13	2.00	.53	.19
01705.01.1	Monitoring	2.63	.52	.18	2.00	.93	.33
01705.01.1	Social Perceptiveness	3.38	.74	.26	2.50	.53	.19
01705.01.1	Coordination	2.88	.35	.13	2.63	.52	.18
01705.01.1	Persuasion	2.25	.89	.31	1.50	1.07	.38
01705.01.1	Negotiation	2.38	.74	.26	1.63	.92	.32
01705.01.1	Instructing	2.13	.35	.13	2.25	.46	.16
01705.01.1	Service Orientation	3.38	.74	.26	2.63	.52	.18
01705.01.1	Complex Problem Solving	2.25	.71	.25	1.63	.74	.26
01705.01.1	Operations Analysis	1.13	.35	.13	.13	.35	.13
01705.01.1	Technology Design	1.13	.35	.13	.25	.71	.25
01705.01.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
01705.01.1	Installation	1.00	.00	.00	.00	.00	.00
01705.01.1	Programming	1.00	.00	.00	.00	.00	.00
01705.01.1	Quality Control Analysis	1.88	.64	.23	1.25	.89	.31
01705.01.1	Operations Monitoring	2.00	.53	.19	1.38	.74	.26
01705.01.1	Operation and Control	1.88	.64	.23	1.25	.89	.31
01705.01.1	Equipment Maintenance	1.13	.35	.13	.13	.35	.13
01705.01.1	Troubleshooting	2.00	.53	.19	1.63	.92	.32
01705.01.1	Repairing	1.00	.00	.00	.00	.00	.00
01705.01.1	Systems Analysis	1.88	.35	.13	1.25	.71	.25
01705.01.1	Systems Evaluation	1.75	.46	.16	1.00	.76	.27
01705.01.1	Judg. and Dec. Making	2.63	.52	.18	1.63	.74	.26
01705.01.1	Time Management	2.50	.53	.19	2.13	.64	.23
01705.01.1	M. of Financial Resources	1.00	.00	.00	.00	.00	.00
01705.01.1	M. of Material Resources	1.25	.46	.16	.25	.46	.16
01705.01.1	M. of Personnel Resources	1.88	.35	.13	1.63	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Endoscopy Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01661.02.1	Reading Comprehension	3.63	.52	.18	4.00	.53	.19
01661.02.1	Active Listening	3.38	.52	.18	3.38	.52	.18
01661.02.1	Writing	3.25	.46	.16	3.00	.00	.00
01661.02.1	Speaking	3.38	.52	.18	3.13	.35	.13
01661.02.1	Mathematics	2.00	.00	.00	2.13	.35	.13
01661.02.1	Science	1.75	.46	.16	.88	.64	.23
01661.02.1	Critical Thinking	3.50	.53	.19	3.25	.46	.16
01661.02.1	Active Learning	3.13	.35	.13	3.00	.53	.19
01661.02.1	Learning Strategies	2.50	.76	.27	2.38	.74	.26
01661.02.1	Monitoring	3.13	.35	.13	3.13	.35	.13
01661.02.1	Social Perceptiveness	3.13	.35	.13	3.13	.35	.13
01661.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01661.02.1	Persuasion	2.50	.76	.27	2.50	1.07	.38
01661.02.1	Negotiation	2.38	.74	.26	2.13	.99	.35
01661.02.1	Instructing	2.88	.64	.23	2.88	.64	.23
01661.02.1	Service Orientation	3.13	.35	.13	3.00	.00	.00
01661.02.1	Complex Problem Solving	3.00	.53	.19	2.63	.52	.18
01661.02.1	Operations Analysis	1.25	.46	.16	.25	.46	.16
01661.02.1	Technology Design	1.50	.53	.19	.50	.53	.19
01661.02.1	Equipment Selection	2.38	.52	.18	2.13	.35	.13
01661.02.1	Installation	1.00	.00	.00	.00	.00	.00
01661.02.1	Programming	1.38	.52	.18	.38	.52	.18
01661.02.1	Quality Control Analysis	2.75	.71	.25	2.88	.64	.23
01661.02.1	Operations Monitoring	3.13	.35	.13	3.00	.00	.00
01661.02.1	Operation and Control	3.13	.35	.13	3.00	.00	.00
01661.02.1	Equipment Maintenance	2.88	.64	.23	2.88	.35	.13
01661.02.1	Troubleshooting	2.88	.64	.23	2.75	.46	.16
01661.02.1	Repairing	2.88	.64	.23	2.38	.52	.18
01661.02.1	Systems Analysis	2.50	.76	.27	2.25	.46	.16
01661.02.1	Systems Evaluation	2.25	.71	.25	2.13	.35	.13
01661.02.1	Judg. and Dec. Making	3.13	.35	.13	3.00	.00	.00
01661.02.1	Time Management	3.00	.00	.00	2.50	.53	.19
01661.02.1	M. of Financial Resources	1.50	.53	.19	.50	.53	.19
01661.02.1	M. of Material Resources	1.88	.35	.13	1.13	.64	.23
01661.02.1	M. of Personnel Resources	2.38	.52	.18	2.00	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## First-Line Supervisors of Police and Detectives

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00531.03.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
00531.03.1	Active Listening	4.13	.35	.13	4.13	.35	.13
00531.03.1	Writing	3.63	.52	.18	3.88	.35	.13
00531.03.1	Speaking	4.00	.53	.19	4.00	.00	.00
00531.03.1	Mathematics	2.50	.53	.19	2.63	.52	.18
00531.03.1	Science	1.75	.71	.25	1.13	.99	.35
00531.03.1	Critical Thinking	4.00	.00	.00	4.13	.35	.13
00531.03.1	Active Learning	3.88	.35	.13	3.88	.35	.13
00531.03.1	Learning Strategies	3.75	.46	.16	3.88	.35	.13
00531.03.1	Monitoring	4.00	.00	.00	4.38	.52	.18
00531.03.1	Social Perceptiveness	4.00	.00	.00	4.00	.00	.00
00531.03.1	Coordination	4.00	.00	.00	4.00	.00	.00
00531.03.1	Persuasion	3.75	.46	.16	4.00	.00	.00
00531.03.1	Negotiation	3.25	.46	.16	3.50	.53	.19
00531.03.1	Instructing	3.88	.35	.13	4.00	.00	.00
00531.03.1	Service Orientation	3.38	.52	.18	3.38	.52	.18
00531.03.1	Complex Problem Solving	3.75	.46	.16	4.00	.00	.00
00531.03.1	Operations Analysis	2.38	.52	.18	2.63	.52	.18
00531.03.1	Technology Design	1.75	.46	.16	.88	.64	.23
00531.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00531.03.1	Installation	1.00	.00	.00	.00	.00	.00
00531.03.1	Programming	1.75	.46	.16	1.00	.76	.27
00531.03.1	Quality Control Analysis	2.25	.46	.16	2.00	.53	.19
00531.03.1	Operations Monitoring	2.50	.53	.19	2.38	.52	.18
00531.03.1	Operation and Control	2.50	.53	.19	2.13	.35	.13
00531.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00531.03.1	Troubleshooting	1.88	.35	.13	1.13	.64	.23
00531.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00531.03.1	Systems Analysis	3.25	.46	.16	3.25	.46	.16
00531.03.1	Systems Evaluation	3.25	.46	.16	3.38	.52	.18
00531.03.1	Judg. and Dec. Making	3.63	.52	.18	3.63	.52	.18
00531.03.1	Time Management	3.88	.35	.13	4.13	.35	.13
00531.03.1	M. of Financial Resources	2.50	.53	.19	3.00	.00	.00
00531.03.1	M. of Material Resources	2.75	.46	.16	2.88	.35	.13
00531.03.1	M. of Personnel Resources	4.00	.00	.00	4.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Correctional Officers and Jailers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00550.03.1	Reading Comprehension	3.50	.53	.19	3.75	.46	.16
00550.03.1	Active Listening	3.88	.35	.13	3.38	.52	.18
00550.03.1	Writing	3.13	.35	.13	3.13	.35	.13
00550.03.1	Speaking	4.00	.00	.00	3.63	.52	.18
00550.03.1	Mathematics	2.00	.00	.00	2.00	.00	.00
00550.03.1	Science	1.63	.52	.18	.63	.52	.18
00550.03.1	Critical Thinking	3.63	.52	.18	3.63	.52	.18
00550.03.1	Active Learning	3.00	.53	.19	3.00	.53	.19
00550.03.1	Learning Strategies	3.00	.53	.19	3.00	.53	.19
00550.03.1	Monitoring	3.88	.35	.13	3.88	.35	.13
00550.03.1	Social Perceptiveness	4.00	.00	.00	3.75	.46	.16
00550.03.1	Coordination	3.50	.53	.19	3.63	.52	.18
00550.03.1	Persuasion	3.25	.46	.16	3.13	.35	.13
00550.03.1	Negotiation	3.13	.35	.13	3.00	.00	.00
00550.03.1	Instructing	3.00	.00	.00	3.00	.00	.00
00550.03.1	Service Orientation	3.00	.53	.19	2.75	.71	.25
00550.03.1	Complex Problem Solving	3.25	.46	.16	2.75	.46	.16
00550.03.1	Operations Analysis	1.50	.53	.19	.50	.53	.19
00550.03.1	Technology Design	1.63	.52	.18	.63	.52	.18
00550.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00550.03.1	Installation	1.00	.00	.00	.00	.00	.00
00550.03.1	Programming	1.50	.53	.19	.50	.53	.19
00550.03.1	Quality Control Analysis	2.25	.71	.25	1.88	.83	.30
00550.03.1	Operations Monitoring	2.50	.53	.19	2.25	.71	.25
00550.03.1	Operation and Control	2.00	.00	.00	2.00	.00	.00
00550.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00550.03.1	Troubleshooting	1.88	.35	.13	1.63	.74	.26
00550.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00550.03.1	Systems Analysis	2.75	.46	.16	2.50	.53	.19
00550.03.1	Systems Evaluation	2.50	.53	.19	2.38	.52	.18
00550.03.1	Judg. and Dec. Making	3.13	.35	.13	3.00	.00	.00
00550.03.1	Time Management	3.00	.00	.00	3.00	.00	.00
00550.03.1	M. of Financial Resources	1.13	.35	.13	.13	.35	.13
00550.03.1	M. of Material Resources	1.38	.52	.18	.38	.52	.18
00550.03.1	M. of Personnel Resources	2.50	.53	.19	2.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Police Detectives

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00546.03.1	Reading Comprehension	4.00	.00	.00	3.88	.35	.13
00546.03.1	Active Listening	4.25	.46	.16	4.13	.35	.13
00546.03.1	Writing	3.63	.52	.18	3.75	.46	.16
00546.03.1	Speaking	4.13	.35	.13	4.00	.00	.00
00546.03.1	Mathematics	2.25	.46	.16	2.13	.64	.23
00546.03.1	Science	2.38	.74	.26	2.13	.99	.35
00546.03.1	Critical Thinking	4.13	.35	.13	4.13	.35	.13
00546.03.1	Active Learning	3.38	.52	.18	3.75	.71	.25
00546.03.1	Learning Strategies	3.00	.00	.00	3.00	.00	.00
00546.03.1	Monitoring	3.25	.46	.16	3.25	.46	.16
00546.03.1	Social Perceptiveness	4.00	.00	.00	3.88	.35	.13
00546.03.1	Coordination	3.13	.35	.13	3.13	.35	.13
00546.03.1	Persuasion	3.13	.35	.13	3.25	.46	.16
00546.03.1	Negotiation	3.00	.00	.00	3.38	.74	.26
00546.03.1	Instructing	3.00	.00	.00	3.00	.53	.19
00546.03.1	Service Orientation	3.13	.64	.23	3.13	.64	.23
00546.03.1	Complex Problem Solving	4.00	.53	.19	3.88	.35	.13
00546.03.1	Operations Analysis	1.75	.46	.16	1.25	.89	.31
00546.03.1	Technology Design	1.75	.46	.16	.75	.46	.16
00546.03.1	Equipment Selection	1.25	.46	.16	.25	.46	.16
00546.03.1	Installation	1.00	.00	.00	.00	.00	.00
00546.03.1	Programming	1.63	.52	.18	.63	.52	.18
00546.03.1	Quality Control Analysis	1.88	.35	.13	1.25	.71	.25
00546.03.1	Operations Monitoring	2.63	.52	.18	2.63	.52	.18
00546.03.1	Operation and Control	2.50	.76	.27	2.38	1.06	.38
00546.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00546.03.1	Troubleshooting	2.00	.00	.00	1.25	.46	.16
00546.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00546.03.1	Systems Analysis	3.00	.00	.00	3.00	.00	.00
00546.03.1	Systems Evaluation	3.00	.00	.00	3.13	.35	.13
00546.03.1	Judg. and Dec. Making	3.88	.64	.23	3.75	.46	.16
00546.03.1	Time Management	3.25	.46	.16	3.13	.35	.13
00546.03.1	M. of Financial Resources	1.75	.46	.16	.75	.46	.16
00546.03.1	M. of Material Resources	1.88	.35	.13	.88	.35	.13
00546.03.1	M. of Personnel Resources	2.63	.52	.18	2.63	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Parking Enforcement Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00551.02.1	Reading Comprehension	3.00	.00	.00	2.88	.35	.13
00551.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
00551.02.1	Writing	2.88	.35	.13	2.38	.52	.18
00551.02.1	Speaking	3.25	.46	.16	3.00	.00	.00
00551.02.1	Mathematics	2.13	.35	.13	1.75	.46	.16
00551.02.1	Science	1.00	.00	.00	.00	.00	.00
00551.02.1	Critical Thinking	3.13	.35	.13	3.00	.00	.00
00551.02.1	Active Learning	2.88	.35	.13	2.38	.52	.18
00551.02.1	Learning Strategies	2.25	.46	.16	2.38	.52	.18
00551.02.1	Monitoring	3.25	.46	.16	3.00	.00	.00
00551.02.1	Social Perceptiveness	3.13	.35	.13	2.88	.35	.13
00551.02.1	Coordination	3.00	.00	.00	2.75	.46	.16
00551.02.1	Persuasion	2.75	.46	.16	2.13	.35	.13
00551.02.1	Negotiation	2.75	.46	.16	2.13	.35	.13
00551.02.1	Instructing	2.88	.35	.13	2.75	.46	.16
00551.02.1	Service Orientation	3.00	.00	.00	2.88	.35	.13
00551.02.1	Complex Problem Solving	2.75	.46	.16	2.38	.52	.18
00551.02.1	Operations Analysis	1.25	.46	.16	.38	.74	.26
00551.02.1	Technology Design	1.38	.52	.18	.38	.52	.18
00551.02.1	Equipment Selection	1.75	.71	.25	1.13	.99	.35
00551.02.1	Installation	1.00	.00	.00	.00	.00	.00
00551.02.1	Programming	1.50	.53	.19	.75	.89	.31
00551.02.1	Quality Control Analysis	2.13	.35	.13	2.00	.53	.19
00551.02.1	Operations Monitoring	2.38	.52	.18	2.13	.35	.13
00551.02.1	Operation and Control	2.63	.52	.18	2.25	.46	.16
00551.02.1	Equipment Maintenance	2.25	.46	.16	1.63	.74	.26
00551.02.1	Troubleshooting	2.25	.46	.16	2.00	.53	.19
00551.02.1	Repairing	1.75	.71	.25	1.00	.93	.33
00551.02.1	Systems Analysis	2.13	.35	.13	2.13	.35	.13
00551.02.1	Systems Evaluation	2.13	.35	.13	1.75	.71	.25
00551.02.1	Judg. and Dec. Making	2.88	.35	.13	2.25	.46	.16
00551.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00551.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00551.02.1	M. of Material Resources	1.38	.52	.18	.38	.52	.18
00551.02.1	M. of Personnel Resources	2.38	.52	.18	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Police Patrol Officers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00548.03.1	Reading Comprehension	3.38	.52	.18	3.88	.35	.13
00548.03.1	Active Listening	4.00	.00	.00	4.00	.00	.00
00548.03.1	Writing	3.25	.46	.16	3.38	.52	.18
00548.03.1	Speaking	3.88	.35	.13	4.00	.00	.00
00548.03.1	Mathematics	2.00	.00	.00	2.13	.35	.13
00548.03.1	Science	1.63	.52	.18	.88	.83	.30
00548.03.1	Critical Thinking	4.00	.00	.00	4.00	.00	.00
00548.03.1	Active Learning	3.13	.35	.13	3.13	.35	.13
00548.03.1	Learning Strategies	3.00	.00	.00	3.00	.00	.00
00548.03.1	Monitoring	3.75	.46	.16	3.63	.52	.18
00548.03.1	Social Perceptiveness	3.75	.46	.16	4.00	.00	.00
00548.03.1	Coordination	3.25	.46	.16	3.88	.35	.13
00548.03.1	Persuasion	3.38	.52	.18	3.88	.35	.13
00548.03.1	Negotiation	3.38	.52	.18	4.00	.00	.00
00548.03.1	Instructing	3.00	.00	.00	3.00	.00	.00
00548.03.1	Service Orientation	3.38	.52	.18	3.88	.35	.13
00548.03.1	Complex Problem Solving	3.25	.46	.16	3.25	.46	.16
00548.03.1	Operations Analysis	1.88	.35	.13	1.50	.76	.27
00548.03.1	Technology Design	1.88	.35	.13	.88	.35	.13
00548.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00548.03.1	Installation	1.00	.00	.00	.00	.00	.00
00548.03.1	Programming	1.38	.52	.18	.50	.76	.27
00548.03.1	Quality Control Analysis	2.00	.00	.00	2.00	.00	.00
00548.03.1	Operations Monitoring	2.75	.46	.16	2.38	.52	.18
00548.03.1	Operation and Control	2.75	.46	.16	2.88	.35	.13
00548.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00548.03.1	Troubleshooting	1.88	.35	.13	1.25	.71	.25
00548.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00548.03.1	Systems Analysis	2.75	.46	.16	2.75	.46	.16
00548.03.1	Systems Evaluation	2.38	.52	.18	2.75	.46	.16
00548.03.1	Judg. and Dec. Making	3.25	.46	.16	3.25	.46	.16
00548.03.1	Time Management	3.25	.46	.16	3.13	.35	.13
00548.03.1	M. of Financial Resources	1.63	.52	.18	.88	.83	.30
00548.03.1	M. of Material Resources	1.63	.52	.18	1.00	.93	.33
00548.03.1	M. of Personnel Resources	2.75	.46	.16	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Security Guards

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00561.03.1	Reading Comprehension	3.13	.35	.13	3.00	.00	.00
00561.03.1	Active Listening	3.50	.53	.19	2.88	.35	.13
00561.03.1	Writing	3.00	.53	.19	2.88	.35	.13
00561.03.1	Speaking	3.25	.46	.16	2.75	.46	.16
00561.03.1	Mathematics	1.75	.46	.16	.75	.46	.16
00561.03.1	Science	1.50	.53	.19	.50	.53	.19
00561.03.1	Critical Thinking	3.13	.64	.23	2.88	.35	.13
00561.03.1	Active Learning	3.00	.53	.19	2.50	.53	.19
00561.03.1	Learning Strategies	2.50	.76	.27	2.25	.46	.16
00561.03.1	Monitoring	3.25	.46	.16	3.13	.35	.13
00561.03.1	Social Perceptiveness	3.00	.00	.00	2.63	.52	.18
00561.03.1	Coordination	3.13	.35	.13	2.88	.35	.13
00561.03.1	Persuasion	2.75	.46	.16	2.50	.76	.27
00561.03.1	Negotiation	2.50	.53	.19	2.00	.00	.00
00561.03.1	Instructing	2.38	.52	.18	2.13	.35	.13
00561.03.1	Service Orientation	2.75	.46	.16	2.63	.52	.18
00561.03.1	Complex Problem Solving	2.50	.53	.19	2.25	.46	.16
00561.03.1	Operations Analysis	1.50	.53	.19	.50	.53	.19
00561.03.1	Technology Design	1.13	.35	.13	.13	.35	.13
00561.03.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
00561.03.1	Installation	1.00	.00	.00	.00	.00	.00
00561.03.1	Programming	1.00	.00	.00	.00	.00	.00
00561.03.1	Quality Control Analysis	1.75	.46	.16	1.38	.92	.32
00561.03.1	Operations Monitoring	2.38	.52	.18	2.13	.35	.13
00561.03.1	Operation and Control	2.13	.64	.23	1.88	.99	.35
00561.03.1	Equipment Maintenance	1.13	.35	.13	.13	.35	.13
00561.03.1	Troubleshooting	1.88	.35	.13	1.13	.64	.23
00561.03.1	Repairing	1.13	.35	.13	.13	.35	.13
00561.03.1	Systems Analysis	1.75	.46	.16	1.00	.76	.27
00561.03.1	Systems Evaluation	2.00	.00	.00	1.38	.52	.18
00561.03.1	Judg. and Dec. Making	2.75	.71	.25	2.25	.46	.16
00561.03.1	Time Management	2.38	.52	.18	2.00	.53	.19
00561.03.1	M. of Financial Resources	1.25	.46	.16	.25	.46	.16
00561.03.1	M. of Material Resources	1.38	.52	.18	.38	.52	.18
00561.03.1	M. of Personnel Resources	2.00	.53	.19	1.75	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Crossing Guards

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00560.02.1	Reading Comprehension	2.25	.46	.16	2.00	.00	.00
00560.02.1	Active Listening	2.88	.35	.13	2.75	.46	.16
00560.02.1	Writing	2.00	.53	.19	1.75	.71	.25
00560.02.1	Speaking	3.13	.35	.13	2.50	.53	.19
00560.02.1	Mathematics	1.63	.52	.18	.63	.52	.18
00560.02.1	Science	1.00	.00	.00	.00	.00	.00
00560.02.1	Critical Thinking	2.75	.46	.16	2.50	.53	.19
00560.02.1	Active Learning	2.25	.71	.25	1.63	.74	.26
00560.02.1	Learning Strategies	1.88	.64	.23	.88	.64	.23
00560.02.1	Monitoring	2.88	.35	.13	2.63	.74	.26
00560.02.1	Social Perceptiveness	3.00	.53	.19	2.50	.53	.19
00560.02.1	Coordination	2.75	.46	.16	2.50	.76	.27
00560.02.1	Persuasion	2.13	.64	.23	1.75	.71	.25
00560.02.1	Negotiation	2.13	.64	.23	1.38	.74	.26
00560.02.1	Instructing	1.88	.35	.13	1.50	.76	.27
00560.02.1	Service Orientation	2.75	.46	.16	2.63	.74	.26
00560.02.1	Complex Problem Solving	2.38	.74	.26	1.88	.99	.35
00560.02.1	Operations Analysis	1.25	.46	.16	.25	.46	.16
00560.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
00560.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00560.02.1	Installation	1.00	.00	.00	.00	.00	.00
00560.02.1	Programming	1.00	.00	.00	.00	.00	.00
00560.02.1	Quality Control Analysis	1.25	.46	.16	.25	.46	.16
00560.02.1	Operations Monitoring	1.63	.52	.18	.63	.52	.18
00560.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00560.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00560.02.1	Troubleshooting	1.38	.52	.18	.38	.52	.18
00560.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00560.02.1	Systems Analysis	1.88	.35	.13	.88	.35	.13
00560.02.1	Systems Evaluation	1.75	.46	.16	.75	.46	.16
00560.02.1	Judg. and Dec. Making	2.75	.46	.16	2.50	.53	.19
00560.02.1	Time Management	2.00	.53	.19	1.63	.74	.26
00560.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00560.02.1	M. of Material Resources	1.50	.53	.19	.50	.53	.19
00560.02.1	M. of Personnel Resources	1.63	.52	.18	1.00	.93	.33

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Cooks, Private Household

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01345.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
01345.02.1	Active Listening	3.00	.00	.00	2.88	.35	.13
01345.02.1	Writing	2.75	.46	.16	2.50	.53	.19
01345.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
01345.02.1	Mathematics	2.25	.46	.16	2.00	.53	.19
01345.02.1	Science	1.50	.53	.19	.50	.53	.19
01345.02.1	Critical Thinking	3.25	.46	.16	3.00	.00	.00
01345.02.1	Active Learning	3.00	.00	.00	3.13	.35	.13
01345.02.1	Learning Strategies	2.50	.53	.19	2.25	.46	.16
01345.02.1	Monitoring	3.00	.00	.00	3.00	.53	.19
01345.02.1	Social Perceptiveness	3.00	.00	.00	2.88	.64	.23
01345.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
01345.02.1	Persuasion	2.75	.46	.16	2.63	.52	.18
01345.02.1	Negotiation	1.88	.35	.13	1.75	.71	.25
01345.02.1	Instructing	1.50	.53	.19	.63	.74	.26
01345.02.1	Service Orientation	3.25	.46	.16	3.63	.52	.18
01345.02.1	Complex Problem Solving	2.75	.46	.16	2.88	.35	.13
01345.02.1	Operations Analysis	2.25	.71	.25	2.00	.53	.19
01345.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01345.02.1	Equipment Selection	1.63	.74	.26	.63	.74	.26
01345.02.1	Installation	1.00	.00	.00	.00	.00	.00
01345.02.1	Programming	1.25	.46	.16	.25	.46	.16
01345.02.1	Quality Control Analysis	2.38	.74	.26	2.13	.35	.13
01345.02.1	Operations Monitoring	2.38	.52	.18	2.00	.53	.19
01345.02.1	Operation and Control	2.38	.52	.18	1.88	.64	.23
01345.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01345.02.1	Troubleshooting	2.00	.00	.00	1.25	.46	.16
01345.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01345.02.1	Systems Analysis	2.13	.35	.13	2.00	.53	.19
01345.02.1	Systems Evaluation	2.13	.35	.13	1.88	.35	.13
01345.02.1	Judg. and Dec. Making	3.00	.00	.00	2.75	.46	.16
01345.02.1	Time Management	3.00	.00	.00	2.88	.35	.13
01345.02.1	M. of Financial Resources	2.63	.52	.18	2.63	.52	.18
01345.02.1	M. of Material Resources	3.13	.35	.13	3.00	.00	.00
01345.02.1	M. of Personnel Resources	2.50	.53	.19	2.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Costume Attendants

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00615.02.1	Reading Comprehension	2.88	.64	.23	3.13	.35	.13
00615.02.1	Active Listening	3.13	.35	.13	3.13	.35	.13
00615.02.1	Writing	2.50	.53	.19	2.38	.52	.18
00615.02.1	Speaking	3.13	.35	.13	3.00	.00	.00
00615.02.1	Mathematics	1.50	.53	.19	1.00	1.07	.38
00615.02.1	Science	1.00	.00	.00	.00	.00	.00
00615.02.1	Critical Thinking	2.88	.35	.13	2.88	.35	.13
00615.02.1	Active Learning	2.50	.53	.19	2.25	.46	.16
00615.02.1	Learning Strategies	1.88	.64	.23	1.63	1.19	.42
00615.02.1	Monitoring	3.13	.35	.13	3.00	.53	.19
00615.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
00615.02.1	Coordination	3.13	.35	.13	3.13	.35	.13
00615.02.1	Persuasion	2.75	.46	.16	2.38	.52	.18
00615.02.1	Negotiation	2.75	.46	.16	2.38	.52	.18
00615.02.1	Instructing	2.50	.53	.19	2.00	.76	.27
00615.02.1	Service Orientation	2.88	.35	.13	2.75	.46	.16
00615.02.1	Complex Problem Solving	2.25	.46	.16	2.38	.52	.18
00615.02.1	Operations Analysis	2.13	.35	.13	2.13	.35	.13
00615.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
00615.02.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
00615.02.1	Installation	1.00	.00	.00	.00	.00	.00
00615.02.1	Programming	1.00	.00	.00	.00	.00	.00
00615.02.1	Quality Control Analysis	2.00	.00	.00	1.50	.53	.19
00615.02.1	Operations Monitoring	1.88	.35	.13	1.25	.71	.25
00615.02.1	Operation and Control	2.00	.00	.00	1.25	.46	.16
00615.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00615.02.1	Troubleshooting	1.63	.52	.18	.75	.71	.25
00615.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00615.02.1	Systems Analysis	2.13	.35	.13	1.63	.52	.18
00615.02.1	Systems Evaluation	2.38	.52	.18	1.75	.71	.25
00615.02.1	Judg. and Dec. Making	2.38	.74	.26	2.38	.52	.18
00615.02.1	Time Management	2.75	.46	.16	2.25	.46	.16
00615.02.1	M. of Financial Resources	1.88	.64	.23	1.38	.92	.32
00615.02.1	M. of Material Resources	2.00	.76	.27	1.38	.92	.32
00615.02.1	M. of Personnel Resources	2.25	.46	.16	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Hairdressers, Hairstylists, and Cosmetologists

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00602.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
00602.02.1	Active Listening	3.88	.35	.13	3.00	.00	.00
00602.02.1	Writing	2.88	.35	.13	2.88	.35	.13
00602.02.1	Speaking	3.75	.46	.16	3.00	.00	.00
00602.02.1	Mathematics	2.38	.52	.18	2.00	.00	.00
00602.02.1	Science	1.63	.52	.18	1.00	.93	.33
00602.02.1	Critical Thinking	3.38	.52	.18	3.50	.53	.19
00602.02.1	Active Learning	3.25	.46	.16	3.00	.00	.00
00602.02.1	Learning Strategies	2.88	.35	.13	3.00	.00	.00
00602.02.1	Monitoring	3.00	.00	.00	3.00	.00	.00
00602.02.1	Social Perceptiveness	3.13	.35	.13	3.13	.35	.13
00602.02.1	Coordination	2.88	.35	.13	2.50	.53	.19
00602.02.1	Persuasion	2.88	.35	.13	2.75	.46	.16
00602.02.1	Negotiation	2.75	.46	.16	2.38	.52	.18
00602.02.1	Instructing	2.88	.35	.13	3.00	.00	.00
00602.02.1	Service Orientation	3.63	.52	.18	3.25	.46	.16
00602.02.1	Complex Problem Solving	3.00	.00	.00	2.88	.35	.13
00602.02.1	Operations Analysis	2.50	.76	.27	1.88	.83	.30
00602.02.1	Technology Design	1.75	.46	.16	1.00	.76	.27
00602.02.1	Equipment Selection	1.75	.46	.16	1.13	.83	.30
00602.02.1	Installation	1.00	.00	.00	.00	.00	.00
00602.02.1	Programming	1.38	.52	.18	.38	.52	.18
00602.02.1	Quality Control Analysis	1.63	.52	.18	1.00	.93	.33
00602.02.1	Operations Monitoring	2.00	.53	.19	1.63	.74	.26
00602.02.1	Operation and Control	1.38	.52	.18	.50	.76	.27
00602.02.1	Equipment Maintenance	1.38	.52	.18	.38	.52	.18
00602.02.1	Troubleshooting	1.50	.53	.19	.63	.74	.26
00602.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00602.02.1	Systems Analysis	2.25	.46	.16	2.13	.35	.13
00602.02.1	Systems Evaluation	2.25	.46	.16	2.25	.46	.16
00602.02.1	Judg. and Dec. Making	3.25	.46	.16	2.50	.53	.19
00602.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00602.02.1	M. of Financial Resources	1.50	.53	.19	.75	.89	.31
00602.02.1	M. of Material Resources	1.88	.64	.23	1.13	.99	.35
00602.02.1	M. of Personnel Resources	2.50	.53	.19	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Travel Agents

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00422.02.1	Reading Comprehension	4.00	.00	.00	3.75	.46	.16
00422.02.1	Active Listening	4.13	.35	.13	4.00	.00	.00
00422.02.1	Writing	3.13	.35	.13	3.00	.00	.00
00422.02.1	Speaking	4.00	.00	.00	3.13	.35	.13
00422.02.1	Mathematics	2.88	.35	.13	2.50	.53	.19
00422.02.1	Science	1.25	.46	.16	.25	.46	.16
00422.02.1	Critical Thinking	3.13	.35	.13	3.75	.46	.16
00422.02.1	Active Learning	3.13	.35	.13	3.13	.35	.13
00422.02.1	Learning Strategies	2.50	.53	.19	2.25	.46	.16
00422.02.1	Monitoring	3.00	.00	.00	2.88	.35	.13
00422.02.1	Social Perceptiveness	3.75	.46	.16	3.13	.35	.13
00422.02.1	Coordination	3.13	.35	.13	2.88	.35	.13
00422.02.1	Persuasion	3.63	.52	.18	3.50	.53	.19
00422.02.1	Negotiation	3.13	.35	.13	3.25	.46	.16
00422.02.1	Instructing	2.63	.52	.18	2.63	.52	.18
00422.02.1	Service Orientation	4.13	.35	.13	4.00	.00	.00
00422.02.1	Complex Problem Solving	3.00	.00	.00	2.88	.35	.13
00422.02.1	Operations Analysis	1.75	.46	.16	1.25	.89	.31
00422.02.1	Technology Design	1.75	.46	.16	.88	.64	.23
00422.02.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
00422.02.1	Installation	1.00	.00	.00	.00	.00	.00
00422.02.1	Programming	1.75	.46	.16	.75	.46	.16
00422.02.1	Quality Control Analysis	1.25	.46	.16	.25	.46	.16
00422.02.1	Operations Monitoring	1.75	.46	.16	.75	.46	.16
00422.02.1	Operation and Control	1.63	.74	.26	.63	.74	.26
00422.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00422.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00422.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00422.02.1	Systems Analysis	2.38	.52	.18	2.00	.00	.00
00422.02.1	Systems Evaluation	2.25	.46	.16	2.00	.53	.19
00422.02.1	Judg. and Dec. Making	3.38	.52	.18	3.00	.00	.00
00422.02.1	Time Management	3.00	.00	.00	2.88	.35	.13
00422.02.1	M. of Financial Resources	2.13	.35	.13	2.00	.53	.19
00422.02.1	M. of Material Resources	1.75	.46	.16	.75	.46	.16
00422.02.1	M. of Personnel Resources	1.88	.35	.13	1.63	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Demonstrators and Product Promoters

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00442.02.1	Reading Comprehension	3.25	.46	.16	3.25	.46	.16
00442.02.1	Active Listening	3.88	.35	.13	3.63	.52	.18
00442.02.1	Writing	3.00	.00	.00	3.00	.00	.00
00442.02.1	Speaking	3.88	.35	.13	3.88	.35	.13
00442.02.1	Mathematics	2.13	.35	.13	1.88	.64	.23
00442.02.1	Science	1.00	.00	.00	.00	.00	.00
00442.02.1	Critical Thinking	3.00	.00	.00	3.00	.00	.00
00442.02.1	Active Learning	2.88	.35	.13	3.00	.00	.00
00442.02.1	Learning Strategies	2.75	.46	.16	2.75	.46	.16
00442.02.1	Monitoring	3.00	.00	.00	3.13	.35	.13
00442.02.1	Social Perceptiveness	3.00	.00	.00	3.25	.46	.16
00442.02.1	Coordination	3.00	.00	.00	3.25	.46	.16
00442.02.1	Persuasion	3.50	.53	.19	3.88	.35	.13
00442.02.1	Negotiation	2.38	.52	.18	2.88	.35	.13
00442.02.1	Instructing	2.38	.52	.18	3.00	.00	.00
00442.02.1	Service Orientation	3.25	.46	.16	3.13	.35	.13
00442.02.1	Complex Problem Solving	3.00	.00	.00	2.38	.52	.18
00442.02.1	Operations Analysis	2.00	.53	.19	2.00	.93	.33
00442.02.1	Technology Design	1.88	.35	.13	.88	.35	.13
00442.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00442.02.1	Installation	1.00	.00	.00	.00	.00	.00
00442.02.1	Programming	1.13	.35	.13	.13	.35	.13
00442.02.1	Quality Control Analysis	2.13	.35	.13	1.88	.35	.13
00442.02.1	Operations Monitoring	2.13	.35	.13	2.00	.00	.00
00442.02.1	Operation and Control	1.75	.71	.25	.88	.83	.30
00442.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00442.02.1	Troubleshooting	2.00	.00	.00	1.63	.52	.18
00442.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00442.02.1	Systems Analysis	2.13	.35	.13	2.00	.00	.00
00442.02.1	Systems Evaluation	2.25	.46	.16	2.13	.35	.13
00442.02.1	Judg. and Dec. Making	3.00	.00	.00	2.63	.52	.18
00442.02.1	Time Management	3.00	.00	.00	2.88	.35	.13
00442.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
00442.02.1	M. of Material Resources	1.63	.52	.18	.88	.83	.30
00442.02.1	M. of Personnel Resources	2.38	.52	.18	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Payroll and Timekeeping Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00495.03.1	Reading Comprehension	3.75	.46	.16	3.75	.46	.16
00495.03.1	Active Listening	3.75	.46	.16	3.38	.52	.18
00495.03.1	Writing	3.13	.35	.13	3.13	.35	.13
00495.03.1	Speaking	3.25	.46	.16	3.13	.35	.13
00495.03.1	Mathematics	3.00	.53	.19	3.00	.00	.00
00495.03.1	Science	1.25	.46	.16	.25	.46	.16
00495.03.1	Critical Thinking	3.13	.35	.13	3.13	.35	.13
00495.03.1	Active Learning	2.75	.46	.16	2.88	.35	.13
00495.03.1	Learning Strategies	2.38	.52	.18	2.50	.53	.19
00495.03.1	Monitoring	3.00	.00	.00	2.88	.35	.13
00495.03.1	Social Perceptiveness	2.75	.46	.16	2.75	.46	.16
00495.03.1	Coordination	2.63	.74	.26	2.38	1.06	.38
00495.03.1	Persuasion	2.13	.64	.23	2.00	.93	.33
00495.03.1	Negotiation	2.00	.53	.19	1.88	.83	.30
00495.03.1	Instructing	2.25	.46	.16	2.50	.53	.19
00495.03.1	Service Orientation	2.63	.52	.18	2.75	.46	.16
00495.03.1	Complex Problem Solving	2.75	.46	.16	2.88	.35	.13
00495.03.1	Operations Analysis	1.38	.52	.18	.38	.52	.18
00495.03.1	Technology Design	1.13	.35	.13	.13	.35	.13
00495.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00495.03.1	Installation	1.00	.00	.00	.00	.00	.00
00495.03.1	Programming	1.63	.52	.18	.63	.52	.18
00495.03.1	Quality Control Analysis	1.50	.76	.27	.75	1.16	.41
00495.03.1	Operations Monitoring	1.63	.52	.18	.63	.52	.18
00495.03.1	Operation and Control	1.25	.46	.16	.25	.46	.16
00495.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00495.03.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00495.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00495.03.1	Systems Analysis	2.25	.46	.16	2.13	.35	.13
00495.03.1	Systems Evaluation	2.13	.35	.13	1.88	.64	.23
00495.03.1	Judg. and Dec. Making	2.88	.35	.13	3.00	.00	.00
00495.03.1	Time Management	3.00	.00	.00	3.00	.00	.00
00495.03.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00495.03.1	M. of Material Resources	1.00	.00	.00	.00	.00	.00
00495.03.1	M. of Personnel Resources	2.00	.00	.00	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Correspondence Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00485.02.1	Reading Comprehension	3.88	.35	.13	3.88	.35	.13
00485.02.1	Active Listening	3.75	.46	.16	3.88	.35	.13
00485.02.1	Writing	4.00	.00	.00	4.00	.00	.00
00485.02.1	Speaking	3.38	.52	.18	3.38	.52	.18
00485.02.1	Mathematics	2.75	.46	.16	2.38	.52	.18
00485.02.1	Science	1.38	.52	.18	.38	.52	.18
00485.02.1	Critical Thinking	3.75	.46	.16	3.75	.46	.16
00485.02.1	Active Learning	2.63	.52	.18	2.75	.46	.16
00485.02.1	Learning Strategies	2.50	.53	.19	2.25	.46	.16
00485.02.1	Monitoring	2.75	.46	.16	2.63	.52	.18
00485.02.1	Social Perceptiveness	3.25	.46	.16	3.13	.35	.13
00485.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
00485.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
00485.02.1	Negotiation	2.88	.35	.13	2.88	.35	.13
00485.02.1	Instructing	2.38	.52	.18	1.88	.35	.13
00485.02.1	Service Orientation	3.00	.00	.00	3.00	.53	.19
00485.02.1	Complex Problem Solving	3.00	.53	.19	2.88	.35	.13
00485.02.1	Operations Analysis	1.63	.52	.18	.88	.99	.35
00485.02.1	Technology Design	1.25	.46	.16	.25	.46	.16
00485.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00485.02.1	Installation	1.00	.00	.00	.00	.00	.00
00485.02.1	Programming	1.50	.53	.19	.50	.53	.19
00485.02.1	Quality Control Analysis	1.63	.52	.18	.88	.83	.30
00485.02.1	Operations Monitoring	1.50	.53	.19	.50	.53	.19
00485.02.1	Operation and Control	1.25	.46	.16	.25	.46	.16
00485.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00485.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00485.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00485.02.1	Systems Analysis	2.25	.46	.16	2.13	.35	.13
00485.02.1	Systems Evaluation	2.25	.46	.16	2.25	.46	.16
00485.02.1	Judg. and Dec. Making	3.50	.53	.19	3.00	.00	.00
00485.02.1	Time Management	3.00	.00	.00	3.13	.35	.13
00485.02.1	M. of Financial Resources	1.75	.46	.16	.75	.46	.16
00485.02.1	M. of Material Resources	1.38	.52	.18	.38	.52	.18
00485.02.1	M. of Personnel Resources	2.50	.53	.19	2.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Eligibility Interviewers, Government Programs

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01381.02.1	Reading Comprehension	3.88	.35	.13	4.00	.00	.00
01381.02.1	Active Listening	4.13	.35	.13	4.00	.00	.00
01381.02.1	Writing	3.75	.46	.16	3.63	.52	.18
01381.02.1	Speaking	4.50	.53	.19	4.00	.00	.00
01381.02.1	Mathematics	2.00	.00	.00	1.75	.46	.16
01381.02.1	Science	1.38	.52	.18	.38	.52	.18
01381.02.1	Critical Thinking	3.75	.46	.16	3.75	.46	.16
01381.02.1	Active Learning	3.00	.00	.00	3.00	.00	.00
01381.02.1	Learning Strategies	2.75	.46	.16	2.38	.52	.18
01381.02.1	Monitoring	3.00	.00	.00	3.13	.35	.13
01381.02.1	Social Perceptiveness	3.75	.46	.16	3.50	.53	.19
01381.02.1	Coordination	3.00	.00	.00	3.00	.53	.19
01381.02.1	Persuasion	3.00	.00	.00	3.00	.00	.00
01381.02.1	Negotiation	3.00	.00	.00	3.00	.00	.00
01381.02.1	Instructing	2.38	.52	.18	2.63	.52	.18
01381.02.1	Service Orientation	3.75	.46	.16	3.75	.46	.16
01381.02.1	Complex Problem Solving	3.25	.46	.16	3.00	.00	.00
01381.02.1	Operations Analysis	1.13	.35	.13	.13	.35	.13
01381.02.1	Technology Design	1.13	.35	.13	.13	.35	.13
01381.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
01381.02.1	Installation	1.00	.00	.00	.00	.00	.00
01381.02.1	Programming	1.38	.52	.18	.50	.76	.27
01381.02.1	Quality Control Analysis	1.00	.00	.00	.00	.00	.00
01381.02.1	Operations Monitoring	1.38	.52	.18	.38	.52	.18
01381.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
01381.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
01381.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
01381.02.1	Repairing	1.00	.00	.00	.00	.00	.00
01381.02.1	Systems Analysis	2.25	.46	.16	2.63	.52	.18
01381.02.1	Systems Evaluation	2.13	.35	.13	2.13	.35	.13
01381.02.1	Judg. and Dec. Making	3.25	.46	.16	3.00	.00	.00
01381.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
01381.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
01381.02.1	M. of Material Resources	1.00	.00	.00	.00	.00	.00
01381.02.1	M. of Personnel Resources	2.63	.52	.18	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Order Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00487.02.1	Reading Comprehension	3.88	.35	.13	3.38	.52	.18
00487.02.1	Active Listening	4.00	.00	.00	3.25	.71	.25
00487.02.1	Writing	3.13	.35	.13	2.88	.35	.13
00487.02.1	Speaking	3.88	.35	.13	3.25	.71	.25
00487.02.1	Mathematics	3.00	.00	.00	2.88	.35	.13
00487.02.1	Science	1.13	.35	.13	.13	.35	.13
00487.02.1	Critical Thinking	3.25	.46	.16	3.63	.52	.18
00487.02.1	Active Learning	3.13	.35	.13	3.00	.00	.00
00487.02.1	Learning Strategies	2.38	.52	.18	2.13	.35	.13
00487.02.1	Monitoring	3.25	.46	.16	2.75	.46	.16
00487.02.1	Social Perceptiveness	3.38	.52	.18	2.75	.46	.16
00487.02.1	Coordination	3.25	.46	.16	3.00	.00	.00
00487.02.1	Persuasion	3.25	.46	.16	3.00	.53	.19
00487.02.1	Negotiation	3.00	.00	.00	3.00	.53	.19
00487.02.1	Instructing	2.25	.46	.16	2.00	.00	.00
00487.02.1	Service Orientation	3.63	.52	.18	3.38	.52	.18
00487.02.1	Complex Problem Solving	2.88	.64	.23	2.63	.52	.18
00487.02.1	Operations Analysis	1.88	.35	.13	1.25	.71	.25
00487.02.1	Technology Design	1.25	.46	.16	.25	.46	.16
00487.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00487.02.1	Installation	1.00	.00	.00	.00	.00	.00
00487.02.1	Programming	1.50	.53	.19	.50	.53	.19
00487.02.1	Quality Control Analysis	2.25	.46	.16	1.88	.35	.13
00487.02.1	Operations Monitoring	1.75	.46	.16	1.13	.83	.30
00487.02.1	Operation and Control	1.63	.52	.18	.63	.52	.18
00487.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00487.02.1	Troubleshooting	1.38	.52	.18	.38	.52	.18
00487.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00487.02.1	Systems Analysis	2.38	.52	.18	2.13	.35	.13
00487.02.1	Systems Evaluation	2.38	.74	.26	2.13	.35	.13
00487.02.1	Judg. and Dec. Making	3.00	.00	.00	2.75	.46	.16
00487.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00487.02.1	M. of Financial Resources	2.00	.53	.19	1.25	.89	.31
00487.02.1	M. of Material Resources	2.13	.64	.23	1.63	.74	.26
00487.02.1	M. of Personnel Resources	1.88	.64	.23	1.13	.83	.30

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Couriers and Messengers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00514.02.1	Reading Comprehension	3.00	.00	.00	2.88	.35	.13
00514.02.1	Active Listening	3.25	.46	.16	2.88	.35	.13
00514.02.1	Writing	3.00	.53	.19	2.75	.46	.16
00514.02.1	Speaking	3.25	.46	.16	2.63	.52	.18
00514.02.1	Mathematics	2.50	.53	.19	2.13	.35	.13
00514.02.1	Science	1.13	.35	.13	.13	.35	.13
00514.02.1	Critical Thinking	3.00	.00	.00	2.63	.52	.18
00514.02.1	Active Learning	2.63	.52	.18	2.25	.46	.16
00514.02.1	Learning Strategies	2.13	.35	.13	1.88	.35	.13
00514.02.1	Monitoring	2.75	.46	.16	2.13	.35	.13
00514.02.1	Social Perceptiveness	2.75	.46	.16	2.38	.52	.18
00514.02.1	Coordination	2.75	.71	.25	2.38	1.06	.38
00514.02.1	Persuasion	2.38	.74	.26	1.75	.71	.25
00514.02.1	Negotiation	2.13	.64	.23	1.75	.71	.25
00514.02.1	Instructing	1.88	.35	.13	1.63	.74	.26
00514.02.1	Service Orientation	3.00	.53	.19	2.63	.52	.18
00514.02.1	Complex Problem Solving	2.63	.52	.18	2.38	.52	.18
00514.02.1	Operations Analysis	1.38	.52	.18	.38	.52	.18
00514.02.1	Technology Design	1.38	.52	.18	.38	.52	.18
00514.02.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
00514.02.1	Installation	1.00	.00	.00	.00	.00	.00
00514.02.1	Programming	1.00	.00	.00	.00	.00	.00
00514.02.1	Quality Control Analysis	1.88	.35	.13	1.38	.74	.26
00514.02.1	Operations Monitoring	2.50	.53	.19	2.13	.35	.13
00514.02.1	Operation and Control	2.63	.52	.18	2.25	.46	.16
00514.02.1	Equipment Maintenance	1.75	.71	.25	1.00	.93	.33
00514.02.1	Troubleshooting	1.88	.35	.13	1.50	.76	.27
00514.02.1	Repairing	1.13	.35	.13	.13	.35	.13
00514.02.1	Systems Analysis	2.00	.00	.00	1.88	.35	.13
00514.02.1	Systems Evaluation	2.00	.00	.00	1.63	.52	.18
00514.02.1	Judg. and Dec. Making	2.88	.35	.13	2.00	.00	.00
00514.02.1	Time Management	3.25	.46	.16	2.75	.71	.25
00514.02.1	M. of Financial Resources	1.63	.52	.18	.75	.71	.25
00514.02.1	M. of Material Resources	1.63	.52	.18	.63	.52	.18
00514.02.1	M. of Personnel Resources	1.88	.35	.13	1.38	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Police, Fire, and Ambulance Dispatchers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00515.03.1	Reading Comprehension	3.63	.52	.18	3.63	.52	.18
00515.03.1	Active Listening	4.25	.46	.16	4.13	.35	.13
00515.03.1	Writing	3.13	.35	.13	3.25	.46	.16
00515.03.1	Speaking	4.25	.46	.16	4.13	.35	.13
00515.03.1	Mathematics	2.25	.46	.16	1.88	.35	.13
00515.03.1	Science	1.50	.53	.19	.63	.74	.26
00515.03.1	Critical Thinking	3.75	.46	.16	3.88	.35	.13
00515.03.1	Active Learning	3.25	.46	.16	3.00	.00	.00
00515.03.1	Learning Strategies	2.75	.46	.16	3.00	.00	.00
00515.03.1	Monitoring	3.38	.52	.18	3.13	.35	.13
00515.03.1	Social Perceptiveness	3.88	.35	.13	3.88	.35	.13
00515.03.1	Coordination	3.63	.52	.18	3.50	.53	.19
00515.03.1	Persuasion	3.13	.35	.13	3.25	.46	.16
00515.03.1	Negotiation	3.00	.00	.00	3.13	.35	.13
00515.03.1	Instructing	3.00	.00	.00	3.00	.00	.00
00515.03.1	Service Orientation	3.50	.53	.19	3.38	.52	.18
00515.03.1	Complex Problem Solving	3.13	.64	.23	3.13	.35	.13
00515.03.1	Operations Analysis	2.25	.71	.25	1.88	.83	.30
00515.03.1	Technology Design	1.88	.64	.23	.75	.46	.16
00515.03.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00515.03.1	Installation	1.00	.00	.00	.00	.00	.00
00515.03.1	Programming	1.75	.46	.16	.88	.64	.23
00515.03.1	Quality Control Analysis	2.00	.00	.00	1.63	.52	.18
00515.03.1	Operations Monitoring	2.63	.52	.18	2.00	.00	.00
00515.03.1	Operation and Control	1.63	.92	.32	.75	1.04	.37
00515.03.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00515.03.1	Troubleshooting	1.88	.35	.13	1.50	.76	.27
00515.03.1	Repairing	1.00	.00	.00	.00	.00	.00
00515.03.1	Systems Analysis	2.75	.46	.16	2.75	.46	.16
00515.03.1	Systems Evaluation	2.13	.35	.13	2.13	.35	.13
00515.03.1	Judg. and Dec. Making	3.25	.46	.16	3.13	.35	.13
00515.03.1	Time Management	3.00	.00	.00	3.13	.35	.13
00515.03.1	M. of Financial Resources	2.00	.00	.00	1.25	.46	.16
00515.03.1	M. of Material Resources	2.00	.00	.00	1.25	.46	.16
00515.03.1	M. of Personnel Resources	2.63	.52	.18	2.63	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Meter Readers, Utilities

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00519.02.1	Reading Comprehension	3.00	.00	.00	2.88	.35	.13
00519.02.1	Active Listening	3.00	.00	.00	3.00	.00	.00
00519.02.1	Writing	2.63	.52	.18	2.75	.46	.16
00519.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
00519.02.1	Mathematics	2.38	.52	.18	2.13	.35	.13
00519.02.1	Science	1.13	.35	.13	.13	.35	.13
00519.02.1	Critical Thinking	3.00	.00	.00	2.75	.46	.16
00519.02.1	Active Learning	2.75	.46	.16	2.13	.35	.13
00519.02.1	Learning Strategies	2.38	.52	.18	2.50	.53	.19
00519.02.1	Monitoring	2.88	.35	.13	2.88	.35	.13
00519.02.1	Social Perceptiveness	2.75	.46	.16	2.13	.35	.13
00519.02.1	Coordination	2.63	.52	.18	2.13	.35	.13
00519.02.1	Persuasion	2.50	.53	.19	2.13	.35	.13
00519.02.1	Negotiation	2.38	.52	.18	2.13	.35	.13
00519.02.1	Instructing	2.50	.53	.19	2.38	.52	.18
00519.02.1	Service Orientation	3.00	.00	.00	2.75	.46	.16
00519.02.1	Complex Problem Solving	2.88	.35	.13	2.63	.52	.18
00519.02.1	Operations Analysis	1.50	.53	.19	.63	.74	.26
00519.02.1	Technology Design	1.50	.53	.19	.63	.74	.26
00519.02.1	Equipment Selection	1.63	.52	.18	1.13	.99	.35
00519.02.1	Installation	1.13	.35	.13	.25	.71	.25
00519.02.1	Programming	1.88	.64	.23	.88	.64	.23
00519.02.1	Quality Control Analysis	2.38	.52	.18	2.13	.64	.23
00519.02.1	Operations Monitoring	2.88	.35	.13	2.38	.52	.18
00519.02.1	Operation and Control	2.88	.35	.13	2.38	.52	.18
00519.02.1	Equipment Maintenance	2.00	1.07	.38	1.13	1.25	.44
00519.02.1	Troubleshooting	2.50	.53	.19	1.88	.64	.23
00519.02.1	Repairing	2.00	1.07	.38	1.00	1.07	.38
00519.02.1	Systems Analysis	2.00	.00	.00	1.88	.35	.13
00519.02.1	Systems Evaluation	2.00	.00	.00	1.75	.46	.16
00519.02.1	Judg. and Dec. Making	2.63	.52	.18	2.50	.53	.19
00519.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00519.02.1	M. of Financial Resources	1.88	.35	.13	1.00	.53	.19
00519.02.1	M. of Material Resources	1.88	.35	.13	1.00	.53	.19
00519.02.1	M. of Personnel Resources	2.13	.35	.13	1.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Postal Service Clerks

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00513.02.1	Reading Comprehension	3.13	.35	.13	3.13	.35	.13
00513.02.1	Active Listening	3.38	.52	.18	3.13	.35	.13
00513.02.1	Writing	2.88	.35	.13	3.00	.00	.00
00513.02.1	Speaking	3.25	.46	.16	3.00	.00	.00
00513.02.1	Mathematics	2.75	.46	.16	2.50	.53	.19
00513.02.1	Science	1.00	.00	.00	.00	.00	.00
00513.02.1	Critical Thinking	3.00	.00	.00	3.25	.71	.25
00513.02.1	Active Learning	2.63	.52	.18	2.00	.00	.00
00513.02.1	Learning Strategies	2.13	.35	.13	2.00	.00	.00
00513.02.1	Monitoring	3.00	.00	.00	2.50	.53	.19
00513.02.1	Social Perceptiveness	3.00	.00	.00	2.38	.52	.18
00513.02.1	Coordination	2.75	.46	.16	2.25	.46	.16
00513.02.1	Persuasion	2.63	.52	.18	2.50	.53	.19
00513.02.1	Negotiation	2.25	.46	.16	2.00	.00	.00
00513.02.1	Instructing	2.00	.00	.00	2.00	.00	.00
00513.02.1	Service Orientation	3.13	.35	.13	3.00	.00	.00
00513.02.1	Complex Problem Solving	2.75	.46	.16	2.50	.53	.19
00513.02.1	Operations Analysis	1.50	.53	.19	.50	.53	.19
00513.02.1	Technology Design	1.50	.53	.19	.50	.53	.19
00513.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00513.02.1	Installation	1.00	.00	.00	.00	.00	.00
00513.02.1	Programming	1.63	.52	.18	.63	.52	.18
00513.02.1	Quality Control Analysis	2.00	.00	.00	2.00	.00	.00
00513.02.1	Operations Monitoring	2.00	.53	.19	1.63	.74	.26
00513.02.1	Operation and Control	1.75	.46	.16	1.00	.76	.27
00513.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00513.02.1	Troubleshooting	1.88	.35	.13	1.50	.76	.27
00513.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00513.02.1	Systems Analysis	2.00	.00	.00	1.88	.35	.13
00513.02.1	Systems Evaluation	2.00	.00	.00	1.25	.46	.16
00513.02.1	Judg. and Dec. Making	2.88	.35	.13	2.13	.64	.23
00513.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00513.02.1	M. of Financial Resources	1.88	.35	.13	1.63	.74	.26
00513.02.1	M. of Material Resources	1.88	.35	.13	1.25	.71	.25
00513.02.1	M. of Personnel Resources	2.13	.35	.13	2.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Postal Service Mail Carriers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00512.02.1	Reading Comprehension	2.63	.52	.18	2.88	.35	.13
00512.02.1	Active Listening	3.00	.00	.00	3.00	.00	.00
00512.02.1	Writing	2.13	.35	.13	2.13	.35	.13
00512.02.1	Speaking	3.00	.00	.00	2.75	.46	.16
00512.02.1	Mathematics	1.63	.52	.18	1.13	.99	.35
00512.02.1	Science	1.00	.00	.00	.00	.00	.00
00512.02.1	Critical Thinking	3.00	.00	.00	2.75	.46	.16
00512.02.1	Active Learning	2.00	.00	.00	2.00	.00	.00
00512.02.1	Learning Strategies	1.75	.46	.16	1.13	.83	.30
00512.02.1	Monitoring	2.63	.52	.18	2.25	.46	.16
00512.02.1	Social Perceptiveness	3.00	.00	.00	2.75	.46	.16
00512.02.1	Coordination	2.75	.46	.16	2.63	.52	.18
00512.02.1	Persuasion	2.00	.00	.00	2.13	.35	.13
00512.02.1	Negotiation	2.00	.00	.00	2.00	.00	.00
00512.02.1	Instructing	1.13	.35	.13	.13	.35	.13
00512.02.1	Service Orientation	2.63	.52	.18	2.13	.35	.13
00512.02.1	Complex Problem Solving	2.25	.46	.16	2.13	.35	.13
00512.02.1	Operations Analysis	1.75	.46	.16	1.00	.76	.27
00512.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
00512.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00512.02.1	Installation	1.00	.00	.00	.00	.00	.00
00512.02.1	Programming	1.00	.00	.00	.00	.00	.00
00512.02.1	Quality Control Analysis	1.75	.46	.16	.88	.64	.23
00512.02.1	Operations Monitoring	2.25	.46	.16	2.13	.35	.13
00512.02.1	Operation and Control	2.25	.46	.16	2.13	.35	.13
00512.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00512.02.1	Troubleshooting	1.13	.35	.13	.13	.35	.13
00512.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00512.02.1	Systems Analysis	2.00	.00	.00	1.25	.46	.16
00512.02.1	Systems Evaluation	2.00	.00	.00	1.13	.35	.13
00512.02.1	Judg. and Dec. Making	2.63	.52	.18	2.13	.35	.13
00512.02.1	Time Management	2.88	.35	.13	2.38	.52	.18
00512.02.1	M. of Financial Resources	1.13	.35	.13	.13	.35	.13
00512.02.1	M. of Material Resources	1.38	.52	.18	.50	.76	.27
00512.02.1	M. of Personnel Resources	1.00	.00	.00	.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Postal Service Mail Sorters, Processors, and Processing Machine Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01384.02.1	Reading Comprehension	3.00	.00	.00	2.75	.46	.16
01384.02.1	Active Listening	2.88	.35	.13	2.75	.46	.16
01384.02.1	Writing	2.25	.46	.16	1.88	.35	.13
01384.02.1	Speaking	3.00	.00	.00	2.63	.52	.18
01384.02.1	Mathematics	2.00	.00	.00	1.38	.52	.18
01384.02.1	Science	1.00	.00	.00	.00	.00	.00
01384.02.1	Critical Thinking	3.00	.00	.00	2.63	.52	.18
01384.02.1	Active Learning	2.13	.35	.13	2.00	.00	.00
01384.02.1	Learning Strategies	2.13	.35	.13	2.13	.35	.13
01384.02.1	Monitoring	3.13	.35	.13	2.75	.46	.16
01384.02.1	Social Perceptiveness	2.75	.46	.16	2.38	.74	.26
01384.02.1	Coordination	3.00	.00	.00	2.88	.35	.13
01384.02.1	Persuasion	2.00	.53	.19	1.50	.76	.27
01384.02.1	Negotiation	1.75	.46	.16	1.38	.92	.32
01384.02.1	Instructing	2.25	.46	.16	2.38	.52	.18
01384.02.1	Service Orientation	2.50	.76	.27	1.88	.83	.30
01384.02.1	Complex Problem Solving	2.50	.76	.27	2.00	.93	.33
01384.02.1	Operations Analysis	1.50	.53	.19	.63	.74	.26
01384.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
01384.02.1	Equipment Selection	1.13	.35	.13	.13	.35	.13
01384.02.1	Installation	1.00	.00	.00	.00	.00	.00
01384.02.1	Programming	1.63	.52	.18	.63	.52	.18
01384.02.1	Quality Control Analysis	2.25	.46	.16	1.88	.35	.13
01384.02.1	Operations Monitoring	2.88	.64	.23	2.63	.52	.18
01384.02.1	Operation and Control	2.75	.71	.25	2.38	.52	.18
01384.02.1	Equipment Maintenance	1.63	.52	.18	.63	.52	.18
01384.02.1	Troubleshooting	2.13	.35	.13	1.63	.52	.18
01384.02.1	Repairing	1.38	.52	.18	.38	.52	.18
01384.02.1	Systems Analysis	2.13	.35	.13	1.63	.52	.18
01384.02.1	Systems Evaluation	1.88	.35	.13	1.25	.71	.25
01384.02.1	Judg. and Dec. Making	2.88	.35	.13	2.13	.35	.13
01384.02.1	Time Management	2.88	.64	.23	2.50	.53	.19
01384.02.1	M. of Financial Resources	1.00	.00	.00	.00	.00	.00
01384.02.1	M. of Material Resources	1.00	.00	.00	.00	.00	.00
01384.02.1	M. of Personnel Resources	2.13	.35	.13	1.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

### Mail Clerks and Mail Machine Operators, Except Postal Service

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01387.02.1	Reading Comprehension	3.00	.00	.00	2.63	.52	.18
01387.02.1	Active Listening	2.88	.35	.13	2.75	.46	.16
01387.02.1	Writing	2.88	.35	.13	2.75	.46	.16
01387.02.1	Speaking	3.00	.00	.00	2.75	.46	.16
01387.02.1	Mathematics	2.25	.46	.16	2.00	.53	.19
01387.02.1	Science	1.13	.35	.13	.13	.35	.13
01387.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
01387.02.1	Active Learning	2.25	.46	.16	2.13	.35	.13
01387.02.1	Learning Strategies	2.13	.35	.13	2.00	.00	.00
01387.02.1	Monitoring	3.00	.00	.00	2.88	.35	.13
01387.02.1	Social Perceptiveness	2.75	.46	.16	2.63	.52	.18
01387.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
01387.02.1	Persuasion	1.88	.64	.23	1.50	.93	.33
01387.02.1	Negotiation	1.75	.46	.16	1.13	.83	.30
01387.02.1	Instructing	2.00	.00	.00	1.88	.35	.13
01387.02.1	Service Orientation	2.63	.52	.18	1.88	.35	.13
01387.02.1	Complex Problem Solving	2.25	.46	.16	1.88	.35	.13
01387.02.1	Operations Analysis	1.13	.35	.13	.13	.35	.13
01387.02.1	Technology Design	1.25	.46	.16	.25	.46	.16
01387.02.1	Equipment Selection	1.63	.52	.18	.88	.83	.30
01387.02.1	Installation	1.00	.00	.00	.00	.00	.00
01387.02.1	Programming	1.50	.53	.19	.50	.53	.19
01387.02.1	Quality Control Analysis	2.38	.52	.18	2.13	.35	.13
01387.02.1	Operations Monitoring	2.88	.35	.13	2.50	.53	.19
01387.02.1	Operation and Control	2.88	.64	.23	2.88	.35	.13
01387.02.1	Equipment Maintenance	1.88	.64	.23	1.00	.76	.27
01387.02.1	Troubleshooting	2.13	.35	.13	1.38	.52	.18
01387.02.1	Repairing	1.75	.71	.25	.88	.83	.30
01387.02.1	Systems Analysis	2.13	.35	.13	1.88	.35	.13
01387.02.1	Systems Evaluation	2.00	.53	.19	1.38	.74	.26
01387.02.1	Judg. and Dec. Making	2.88	.35	.13	2.63	.52	.18
01387.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
01387.02.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
01387.02.1	M. of Material Resources	1.75	.46	.16	.75	.46	.16
01387.02.1	M. of Personnel Resources	1.88	.35	.13	1.63	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Proofreaders and Copy Markers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00475.02.1	Reading Comprehension	4.25	.46	.16	4.25	.46	.16
00475.02.1	Active Listening	3.13	.35	.13	3.13	.35	.13
00475.02.1	Writing	3.63	.52	.18	4.00	.53	.19
00475.02.1	Speaking	3.25	.46	.16	3.13	.35	.13
00475.02.1	Mathematics	1.88	.35	.13	1.00	.53	.19
00475.02.1	Science	1.13	.35	.13	.13	.35	.13
00475.02.1	Critical Thinking	3.00	.00	.00	3.00	.00	.00
00475.02.1	Active Learning	2.50	.53	.19	2.38	.52	.18
00475.02.1	Learning Strategies	2.00	.00	.00	1.38	.52	.18
00475.02.1	Monitoring	2.88	.64	.23	2.75	.46	.16
00475.02.1	Social Perceptiveness	2.25	.71	.25	1.88	.83	.30
00475.02.1	Coordination	2.25	.46	.16	2.13	.35	.13
00475.02.1	Persuasion	1.88	.35	.13	1.50	.76	.27
00475.02.1	Negotiation	1.75	.46	.16	1.00	.76	.27
00475.02.1	Instructing	1.75	.46	.16	1.25	.89	.31
00475.02.1	Service Orientation	1.75	.46	.16	.88	.64	.23
00475.02.1	Complex Problem Solving	2.38	.52	.18	2.38	.52	.18
00475.02.1	Operations Analysis	1.38	.52	.18	.38	.52	.18
00475.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
00475.02.1	Equipment Selection	1.00	.00	.00	.00	.00	.00
00475.02.1	Installation	1.00	.00	.00	.00	.00	.00
00475.02.1	Programming	1.25	.46	.16	.25	.46	.16
00475.02.1	Quality Control Analysis	2.38	.52	.18	1.88	.64	.23
00475.02.1	Operations Monitoring	1.00	.00	.00	.00	.00	.00
00475.02.1	Operation and Control	1.00	.00	.00	.00	.00	.00
00475.02.1	Equipment Maintenance	1.00	.00	.00	.00	.00	.00
00475.02.1	Troubleshooting	1.00	.00	.00	.00	.00	.00
00475.02.1	Repairing	1.00	.00	.00	.00	.00	.00
00475.02.1	Systems Analysis	2.00	.53	.19	1.00	.53	.19
00475.02.1	Systems Evaluation	2.00	.53	.19	1.13	.83	.30
00475.02.1	Judg. and Dec. Making	2.50	.53	.19	2.25	.46	.16
00475.02.1	Time Management	2.75	.46	.16	2.50	.53	.19
00475.02.1	M. of Financial Resources	1.00	.00	.00	.00	.00	.00
00475.02.1	M. of Material Resources	1.00	.00	.00	.00	.00	.00
00475.02.1	M. of Personnel Resources	1.63	.52	.18	.88	.83	.30

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Nursery Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00640.02.1	Reading Comprehension	2.50	.53	.19	2.25	.71	.25
00640.02.1	Active Listening	2.63	.52	.18	2.50	.53	.19
00640.02.1	Writing	2.38	.52	.18	2.13	.35	.13
00640.02.1	Speaking	2.63	.52	.18	2.25	.46	.16
00640.02.1	Mathematics	2.00	.53	.19	1.75	.71	.25
00640.02.1	Science	1.75	.46	.16	.88	.64	.23
00640.02.1	Critical Thinking	2.75	.46	.16	2.50	.76	.27
00640.02.1	Active Learning	2.25	.46	.16	2.25	.46	.16
00640.02.1	Learning Strategies	2.00	.00	.00	2.00	.00	.00
00640.02.1	Monitoring	2.75	.46	.16	2.50	.76	.27
00640.02.1	Social Perceptiveness	2.75	.46	.16	2.25	.46	.16
00640.02.1	Coordination	2.88	.35	.13	2.63	.52	.18
00640.02.1	Persuasion	2.38	.52	.18	2.00	.53	.19
00640.02.1	Negotiation	2.13	.35	.13	1.88	.35	.13
00640.02.1	Instructing	1.88	.35	.13	1.75	.71	.25
00640.02.1	Service Orientation	2.50	.53	.19	2.25	.46	.16
00640.02.1	Complex Problem Solving	2.00	.53	.19	2.00	.93	.33
00640.02.1	Operations Analysis	1.38	.52	.18	.38	.52	.18
00640.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
00640.02.1	Equipment Selection	1.88	.35	.13	1.13	.64	.23
00640.02.1	Installation	1.00	.00	.00	.00	.00	.00
00640.02.1	Programming	1.00	.00	.00	.00	.00	.00
00640.02.1	Quality Control Analysis	2.25	.46	.16	1.88	.35	.13
00640.02.1	Operations Monitoring	2.00	.76	.27	1.38	1.06	.38
00640.02.1	Operation and Control	2.00	.76	.27	1.63	1.30	.46
00640.02.1	Equipment Maintenance	1.63	.52	.18	.75	.71	.25
00640.02.1	Troubleshooting	1.88	.35	.13	1.38	.74	.26
00640.02.1	Repairing	1.50	.53	.19	.75	.89	.31
00640.02.1	Systems Analysis	2.00	.00	.00	1.50	.53	.19
00640.02.1	Systems Evaluation	1.63	.52	.18	.75	.71	.25
00640.02.1	Judg. and Dec. Making	2.25	.46	.16	2.13	.64	.23
00640.02.1	Time Management	2.50	.53	.19	2.00	.53	.19
00640.02.1	M. of Financial Resources	1.88	.35	.13	1.00	.53	.19
00640.02.1	M. of Material Resources	1.75	.46	.16	1.25	.89	.31
00640.02.1	M. of Personnel Resources	1.88	.35	.13	1.75	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Hunters and Trappers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00663.02.1	Reading Comprehension	2.75	.46	.16	2.50	.53	.19
00663.02.1	Active Listening	2.88	.35	.13	2.75	.46	.16
00663.02.1	Writing	2.00	.00	.00	2.00	.00	.00
00663.02.1	Speaking	2.75	.46	.16	2.38	.74	.26
00663.02.1	Mathematics	1.88	.35	.13	.88	.35	.13
00663.02.1	Science	1.88	.35	.13	1.25	.71	.25
00663.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
00663.02.1	Active Learning	2.50	.53	.19	1.88	.35	.13
00663.02.1	Learning Strategies	2.00	.00	.00	1.75	.46	.16
00663.02.1	Monitoring	2.63	.52	.18	2.88	.35	.13
00663.02.1	Social Perceptiveness	2.50	.53	.19	1.88	.35	.13
00663.02.1	Coordination	2.25	.71	.25	2.13	.99	.35
00663.02.1	Persuasion	1.88	.35	.13	1.63	.74	.26
00663.02.1	Negotiation	1.88	.35	.13	1.63	.74	.26
00663.02.1	Instructing	1.88	.35	.13	1.50	.76	.27
00663.02.1	Service Orientation	1.88	.35	.13	1.63	.74	.26
00663.02.1	Complex Problem Solving	2.88	.64	.23	2.75	.46	.16
00663.02.1	Operations Analysis	1.75	.46	.16	1.25	.89	.31
00663.02.1	Technology Design	1.75	.46	.16	.88	.64	.23
00663.02.1	Equipment Selection	2.75	.46	.16	2.25	.46	.16
00663.02.1	Installation	1.38	.52	.18	.38	.52	.18
00663.02.1	Programming	1.00	.00	.00	.00	.00	.00
00663.02.1	Quality Control Analysis	2.25	.71	.25	2.00	.93	.33
00663.02.1	Operations Monitoring	2.88	.35	.13	2.38	.74	.26
00663.02.1	Operation and Control	2.88	.35	.13	2.63	.74	.26
00663.02.1	Equipment Maintenance	2.75	.46	.16	2.50	.76	.27
00663.02.1	Troubleshooting	2.63	.52	.18	2.38	.74	.26
00663.02.1	Repairing	2.75	.46	.16	2.63	.52	.18
00663.02.1	Systems Analysis	2.00	.53	.19	1.75	.71	.25
00663.02.1	Systems Evaluation	2.00	.53	.19	1.63	.74	.26
00663.02.1	Judg. and Dec. Making	2.88	.35	.13	2.63	.52	.18
00663.02.1	Time Management	2.63	.52	.18	2.50	.53	.19
00663.02.1	M. of Financial Resources	1.75	.46	.16	.75	.46	.16
00663.02.1	M. of Material Resources	1.88	.35	.13	.88	.35	.13
00663.02.1	M. of Personnel Resources	1.88	.35	.13	1.38	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Drywall and Ceiling Tile Installers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01401.02.1	Reading Comprehension	2.75	.46	.16	2.75	.46	.16
01401.02.1	Active Listening	2.75	.46	.16	2.38	.74	.26
01401.02.1	Writing	2.13	.35	.13	1.88	.35	.13
01401.02.1	Speaking	2.88	.35	.13	2.25	.71	.25
01401.02.1	Mathematics	2.25	.46	.16	2.13	.35	.13
01401.02.1	Science	1.13	.35	.13	.13	.35	.13
01401.02.1	Critical Thinking	3.00	.00	.00	2.63	.74	.26
01401.02.1	Active Learning	2.13	.64	.23	2.00	.93	.33
01401.02.1	Learning Strategies	2.00	.00	.00	1.88	.35	.13
01401.02.1	Monitoring	2.88	.35	.13	2.63	.74	.26
01401.02.1	Social Perceptiveness	2.50	.53	.19	2.25	.71	.25
01401.02.1	Coordination	2.88	.35	.13	3.13	.64	.23
01401.02.1	Persuasion	2.00	.53	.19	1.63	.74	.26
01401.02.1	Negotiation	1.75	.46	.16	1.50	.93	.33
01401.02.1	Instructing	2.13	.35	.13	2.13	.35	.13
01401.02.1	Service Orientation	2.00	.53	.19	1.63	.74	.26
01401.02.1	Complex Problem Solving	2.63	.52	.18	2.50	.53	.19
01401.02.1	Operations Analysis	1.88	.35	.13	1.50	.76	.27
01401.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01401.02.1	Equipment Selection	2.38	.52	.18	1.88	.35	.13
01401.02.1	Installation	1.75	.46	.16	1.13	.83	.30
01401.02.1	Programming	1.00	.00	.00	.00	.00	.00
01401.02.1	Quality Control Analysis	2.50	.53	.19	2.25	.71	.25
01401.02.1	Operations Monitoring	2.50	.53	.19	2.25	.71	.25
01401.02.1	Operation and Control	2.50	.53	.19	2.38	.74	.26
01401.02.1	Equipment Maintenance	1.88	.64	.23	1.38	.92	.32
01401.02.1	Troubleshooting	2.00	.00	.00	1.88	.35	.13
01401.02.1	Repairing	1.63	.52	.18	1.13	.99	.35
01401.02.1	Systems Analysis	2.00	.00	.00	1.88	.35	.13
01401.02.1	Systems Evaluation	2.00	.00	.00	1.50	.53	.19
01401.02.1	Judg. and Dec. Making	2.88	.35	.13	2.50	.76	.27
01401.02.1	Time Management	2.88	.35	.13	2.63	.52	.18
01401.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
01401.02.1	M. of Material Resources	1.75	.46	.16	.75	.46	.16
01401.02.1	M. of Personnel Resources	2.00	.00	.00	2.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Continuous Mining Machine Operators

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00841.02.1	Reading Comprehension	2.75	.46	.16	2.25	.46	.16
00841.02.1	Active Listening	3.00	.00	.00	2.88	.35	.13
00841.02.1	Writing	2.13	.35	.13	2.00	.53	.19
00841.02.1	Speaking	3.00	.00	.00	2.25	.46	.16
00841.02.1	Mathematics	2.00	.00	.00	1.38	.52	.18
00841.02.1	Science	1.38	.74	.26	.63	1.41	.50
00841.02.1	Critical Thinking	3.25	.46	.16	3.13	.35	.13
00841.02.1	Active Learning	2.75	.46	.16	2.50	.53	.19
00841.02.1	Learning Strategies	2.38	.52	.18	2.50	.53	.19
00841.02.1	Monitoring	3.00	.53	.19	3.00	.53	.19
00841.02.1	Social Perceptiveness	2.75	.46	.16	2.25	.46	.16
00841.02.1	Coordination	2.75	.46	.16	3.00	.53	.19
00841.02.1	Persuasion	2.13	.35	.13	2.25	.46	.16
00841.02.1	Negotiation	2.00	.00	.00	2.13	.35	.13
00841.02.1	Instructing	2.38	.52	.18	2.38	.52	.18
00841.02.1	Service Orientation	2.38	.52	.18	2.13	.35	.13
00841.02.1	Complex Problem Solving	3.00	.53	.19	3.00	.53	.19
00841.02.1	Operations Analysis	1.88	.64	.23	1.25	.89	.31
00841.02.1	Technology Design	1.63	.52	.18	.75	.71	.25
00841.02.1	Equipment Selection	2.38	.52	.18	2.25	.46	.16
00841.02.1	Installation	1.88	.99	.35	1.13	1.13	.40
00841.02.1	Programming	1.00	.00	.00	.00	.00	.00
00841.02.1	Quality Control Analysis	2.88	.35	.13	2.50	.53	.19
00841.02.1	Operations Monitoring	3.88	.35	.13	3.88	.35	.13
00841.02.1	Operation and Control	3.88	.35	.13	3.63	.52	.18
00841.02.1	Equipment Maintenance	3.38	.52	.18	3.38	.52	.18
00841.02.1	Troubleshooting	3.25	.46	.16	3.00	.00	.00
00841.02.1	Repairing	3.13	.64	.23	3.00	.53	.19
00841.02.1	Systems Analysis	2.13	.35	.13	2.25	.46	.16
00841.02.1	Systems Evaluation	2.13	.35	.13	2.13	.35	.13
00841.02.1	Judg. and Dec. Making	3.13	.35	.13	3.00	.00	.00
00841.02.1	Time Management	3.00	.00	.00	2.75	.46	.16
00841.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00841.02.1	M. of Material Resources	1.38	.52	.18	.38	.52	.18
00841.02.1	M. of Personnel Resources	2.63	.52	.18	2.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Electronic Equipment Installers and Repairers, Motor Vehicles

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01417.02.1	Reading Comprehension	3.13	.35	.13	3.13	.35	.13
01417.02.1	Active Listening	3.38	.52	.18	3.00	.00	.00
01417.02.1	Writing	2.88	.35	.13	2.88	.35	.13
01417.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
01417.02.1	Mathematics	2.25	.46	.16	2.25	.46	.16
01417.02.1	Science	1.88	.64	.23	1.50	.93	.33
01417.02.1	Critical Thinking	3.50	.53	.19	3.13	.35	.13
01417.02.1	Active Learning	2.75	.46	.16	2.38	.52	.18
01417.02.1	Learning Strategies	2.50	.53	.19	2.25	.46	.16
01417.02.1	Monitoring	2.88	.35	.13	2.88	.35	.13
01417.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
01417.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01417.02.1	Persuasion	2.75	.46	.16	2.38	.52	.18
01417.02.1	Negotiation	2.75	.46	.16	2.50	.53	.19
01417.02.1	Instructing	2.63	.52	.18	2.38	.52	.18
01417.02.1	Service Orientation	3.00	.00	.00	2.88	.35	.13
01417.02.1	Complex Problem Solving	3.13	.35	.13	3.00	.00	.00
01417.02.1	Operations Analysis	1.88	.35	.13	1.75	.71	.25
01417.02.1	Technology Design	2.13	.64	.23	1.38	.74	.26
01417.02.1	Equipment Selection	3.00	.53	.19	2.75	.46	.16
01417.02.1	Installation	3.25	1.04	.37	3.00	1.31	.46
01417.02.1	Programming	1.88	.35	.13	1.13	.64	.23
01417.02.1	Quality Control Analysis	3.00	.53	.19	3.00	.00	.00
01417.02.1	Operations Monitoring	3.50	.53	.19	3.00	.00	.00
01417.02.1	Operation and Control	2.88	.35	.13	3.00	.00	.00
01417.02.1	Equipment Maintenance	3.25	.71	.25	2.88	.35	.13
01417.02.1	Troubleshooting	3.63	.52	.18	3.63	.52	.18
01417.02.1	Repairing	3.63	.74	.26	3.63	.74	.26
01417.02.1	Systems Analysis	2.38	.52	.18	2.25	.46	.16
01417.02.1	Systems Evaluation	2.25	.46	.16	2.38	.52	.18
01417.02.1	Judg. and Dec. Making	2.88	.64	.23	2.88	.35	.13
01417.02.1	Time Management	3.13	.35	.13	3.00	.00	.00
01417.02.1	M. of Financial Resources	2.13	.35	.13	1.25	.71	.25
01417.02.1	M. of Material Resources	2.00	.00	.00	1.13	.35	.13
01417.02.1	M. of Personnel Resources	2.13	.35	.13	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Farm Equipment Mechanics and Service Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00714.02.1	Reading Comprehension	3.13	.35	.13	2.88	.35	.13
00714.02.1	Active Listening	3.13	.35	.13	2.88	.35	.13
00714.02.1	Writing	2.75	.46	.16	2.50	.53	.19
00714.02.1	Speaking	3.13	.35	.13	3.00	.00	.00
00714.02.1	Mathematics	2.75	.46	.16	2.50	.53	.19
00714.02.1	Science	1.88	.35	.13	1.63	.74	.26
00714.02.1	Critical Thinking	3.50	.53	.19	3.63	.52	.18
00714.02.1	Active Learning	3.00	.00	.00	3.00	.00	.00
00714.02.1	Learning Strategies	2.63	.52	.18	2.63	.52	.18
00714.02.1	Monitoring	3.00	.00	.00	2.88	.35	.13
00714.02.1	Social Perceptiveness	2.75	.46	.16	2.50	.53	.19
00714.02.1	Coordination	2.75	.71	.25	2.38	1.06	.38
00714.02.1	Persuasion	2.38	.52	.18	2.13	.64	.23
00714.02.1	Negotiation	1.88	.35	.13	1.63	.74	.26
00714.02.1	Instructing	2.13	.35	.13	2.38	.52	.18
00714.02.1	Service Orientation	2.50	.53	.19	2.00	.76	.27
00714.02.1	Complex Problem Solving	3.25	.46	.16	3.00	.00	.00
00714.02.1	Operations Analysis	1.75	.46	.16	.88	.64	.23
00714.02.1	Technology Design	1.88	.35	.13	1.00	.53	.19
00714.02.1	Equipment Selection	3.25	.46	.16	3.00	.53	.19
00714.02.1	Installation	2.25	.46	.16	2.13	.35	.13
00714.02.1	Programming	1.75	.46	.16	.75	.46	.16
00714.02.1	Quality Control Analysis	3.38	.52	.18	3.13	.35	.13
00714.02.1	Operations Monitoring	3.50	.53	.19	3.13	.64	.23
00714.02.1	Operation and Control	3.63	.52	.18	3.25	.46	.16
00714.02.1	Equipment Maintenance	4.00	.00	.00	3.88	.35	.13
00714.02.1	Troubleshooting	3.88	.35	.13	3.88	.35	.13
00714.02.1	Repairing	4.00	.00	.00	4.13	.35	.13
00714.02.1	Systems Analysis	2.88	.64	.23	2.75	.46	.16
00714.02.1	Systems Evaluation	2.63	.74	.26	2.50	.53	.19
00714.02.1	Judg. and Dec. Making	3.25	.46	.16	3.00	.00	.00
00714.02.1	Time Management	2.88	.35	.13	2.75	.46	.16
00714.02.1	M. of Financial Resources	1.88	.64	.23	1.50	1.07	.38
00714.02.1	M. of Material Resources	1.75	.46	.16	1.13	.83	.30
00714.02.1	M. of Personnel Resources	2.25	.46	.16	2.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Bicycle Repairers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00767.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
00767.02.1	Active Listening	3.63	.52	.18	3.00	.00	.00
00767.02.1	Writing	2.88	.64	.23	2.50	.53	.19
00767.02.1	Speaking	3.38	.52	.18	3.00	.00	.00
00767.02.1	Mathematics	2.13	.35	.13	2.00	.00	.00
00767.02.1	Science	1.25	.46	.16	.38	.74	.26
00767.02.1	Critical Thinking	3.63	.52	.18	3.13	.35	.13
00767.02.1	Active Learning	2.88	.35	.13	2.50	.53	.19
00767.02.1	Learning Strategies	2.75	.46	.16	2.38	.52	.18
00767.02.1	Monitoring	2.88	.35	.13	2.88	.35	.13
00767.02.1	Social Perceptiveness	3.25	.46	.16	3.13	.64	.23
00767.02.1	Coordination	2.88	.35	.13	2.50	.53	.19
00767.02.1	Persuasion	2.88	.35	.13	2.63	.52	.18
00767.02.1	Negotiation	2.88	.35	.13	2.63	.52	.18
00767.02.1	Instructing	2.75	.46	.16	2.75	.46	.16
00767.02.1	Service Orientation	3.38	.52	.18	3.00	.00	.00
00767.02.1	Complex Problem Solving	3.00	.00	.00	3.00	.00	.00
00767.02.1	Operations Analysis	1.63	.52	.18	.75	.71	.25
00767.02.1	Technology Design	1.88	.35	.13	1.50	.76	.27
00767.02.1	Equipment Selection	3.38	.92	.32	2.63	.52	.18
00767.02.1	Installation	2.50	.93	.33	1.75	1.16	.41
00767.02.1	Programming	1.13	.35	.13	.13	.35	.13
00767.02.1	Quality Control Analysis	3.25	.46	.16	3.13	.35	.13
00767.02.1	Operations Monitoring	2.75	.46	.16	2.25	.46	.16
00767.02.1	Operation and Control	2.63	.52	.18	2.00	.53	.19
00767.02.1	Equipment Maintenance	3.38	.74	.26	2.88	.35	.13
00767.02.1	Troubleshooting	3.63	.52	.18	3.00	.00	.00
00767.02.1	Repairing	3.88	.35	.13	3.13	.35	.13
00767.02.1	Systems Analysis	2.50	.53	.19	2.13	.35	.13
00767.02.1	Systems Evaluation	2.38	.52	.18	2.13	.35	.13
00767.02.1	Judg. and Dec. Making	2.88	.35	.13	2.75	.46	.16
00767.02.1	Time Management	2.75	.46	.16	2.88	.35	.13
00767.02.1	M. of Financial Resources	1.88	.35	.13	1.13	.83	.30
00767.02.1	M. of Material Resources	2.00	.53	.19	1.25	.89	.31
00767.02.1	M. of Personnel Resources	2.50	.53	.19	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Musical Instrument Repairers and Tuners

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01425.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
01425.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
01425.02.1	Writing	2.50	.53	.19	2.75	.46	.16
01425.02.1	Speaking	3.13	.35	.13	3.00	.00	.00
01425.02.1	Mathematics	2.00	.00	.00	2.00	.00	.00
01425.02.1	Science	1.88	.64	.23	1.25	1.04	.37
01425.02.1	Critical Thinking	3.50	.53	.19	3.25	.46	.16
01425.02.1	Active Learning	3.00	.00	.00	3.00	.00	.00
01425.02.1	Learning Strategies	2.88	.35	.13	2.50	.53	.19
01425.02.1	Monitoring	3.00	.00	.00	3.00	.00	.00
01425.02.1	Social Perceptiveness	3.00	.53	.19	2.88	.35	.13
01425.02.1	Coordination	2.88	.35	.13	2.38	.52	.18
01425.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
01425.02.1	Negotiation	2.75	.46	.16	2.75	.46	.16
01425.02.1	Instructing	2.38	.52	.18	2.88	.35	.13
01425.02.1	Service Orientation	3.13	.35	.13	2.88	.35	.13
01425.02.1	Complex Problem Solving	3.13	.35	.13	2.88	.35	.13
01425.02.1	Operations Analysis	2.13	.83	.30	1.75	1.04	.37
01425.02.1	Technology Design	1.75	.46	.16	1.38	.92	.32
01425.02.1	Equipment Selection	3.00	.53	.19	2.63	.52	.18
01425.02.1	Installation	1.38	.52	.18	.50	.76	.27
01425.02.1	Programming	1.25	.46	.16	.25	.46	.16
01425.02.1	Quality Control Analysis	3.63	.52	.18	3.50	.53	.19
01425.02.1	Operations Monitoring	3.13	.35	.13	3.00	.00	.00
01425.02.1	Operation and Control	2.75	.46	.16	2.50	.53	.19
01425.02.1	Equipment Maintenance	3.00	.53	.19	2.88	.35	.13
01425.02.1	Troubleshooting	3.75	.46	.16	3.13	.35	.13
01425.02.1	Repairing	3.88	.35	.13	3.13	.35	.13
01425.02.1	Systems Analysis	2.75	.46	.16	2.75	.46	.16
01425.02.1	Systems Evaluation	2.75	.46	.16	2.75	.46	.16
01425.02.1	Judg. and Dec. Making	3.38	.52	.18	3.00	.00	.00
01425.02.1	Time Management	3.25	.46	.16	3.13	.35	.13
01425.02.1	M. of Financial Resources	2.00	.00	.00	1.88	.35	.13
01425.02.1	M. of Material Resources	2.38	.52	.18	2.13	.35	.13
01425.02.1	M. of Personnel Resources	2.38	.52	.18	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Butchers and Meat Cutters

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00574.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
00574.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
00574.02.1	Writing	2.25	.46	.16	2.75	.46	.16
00574.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
00574.02.1	Mathematics	2.38	.52	.18	2.00	.00	.00
00574.02.1	Science	1.25	.46	.16	.25	.46	.16
00574.02.1	Critical Thinking	3.00	.53	.19	3.00	.53	.19
00574.02.1	Active Learning	2.50	.53	.19	2.13	.35	.13
00574.02.1	Learning Strategies	2.25	.46	.16	2.00	.00	.00
00574.02.1	Monitoring	3.00	.00	.00	2.88	.35	.13
00574.02.1	Social Perceptiveness	3.00	.00	.00	2.88	.35	.13
00574.02.1	Coordination	2.88	.35	.13	2.75	.46	.16
00574.02.1	Persuasion	2.75	.46	.16	2.88	.35	.13
00574.02.1	Negotiation	2.75	.46	.16	2.75	.46	.16
00574.02.1	Instructing	2.63	.52	.18	2.25	.46	.16
00574.02.1	Service Orientation	3.00	.00	.00	2.88	.35	.13
00574.02.1	Complex Problem Solving	2.88	.35	.13	2.50	.53	.19
00574.02.1	Operations Analysis	1.75	.46	.16	1.00	.76	.27
00574.02.1	Technology Design	1.38	.52	.18	.50	.76	.27
00574.02.1	Equipment Selection	1.50	.53	.19	.88	.99	.35
00574.02.1	Installation	1.00	.00	.00	.00	.00	.00
00574.02.1	Programming	1.13	.35	.13	.13	.35	.13
00574.02.1	Quality Control Analysis	2.63	.52	.18	2.00	.00	.00
00574.02.1	Operations Monitoring	2.50	.53	.19	2.13	.35	.13
00574.02.1	Operation and Control	2.38	.52	.18	2.00	.00	.00
00574.02.1	Equipment Maintenance	1.63	.52	.18	1.13	.99	.35
00574.02.1	Troubleshooting	2.00	.00	.00	1.88	.35	.13
00574.02.1	Repairing	1.63	.52	.18	1.00	.93	.33
00574.02.1	Systems Analysis	2.38	.52	.18	2.00	.00	.00
00574.02.1	Systems Evaluation	2.38	.52	.18	2.00	.00	.00
00574.02.1	Judg. and Dec. Making	2.88	.64	.23	2.38	.52	.18
00574.02.1	Time Management	3.00	.53	.19	3.00	.53	.19
00574.02.1	M. of Financial Resources	2.13	.35	.13	2.00	.00	.00
00574.02.1	M. of Material Resources	2.25	.46	.16	1.75	.46	.16
00574.02.1	M. of Personnel Resources	2.63	.52	.18	3.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00197.02.1	Reading Comprehension	3.25	.46	.16	3.50	.76	.27
00197.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
00197.02.1	Writing	3.25	.46	.16	3.00	.53	.19
00197.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
00197.02.1	Mathematics	3.25	.46	.16	3.50	.53	.19
00197.02.1	Science	1.88	.35	.13	1.75	.71	.25
00197.02.1	Critical Thinking	3.25	.46	.16	3.50	.53	.19
00197.02.1	Active Learning	3.25	.46	.16	3.63	.52	.18
00197.02.1	Learning Strategies	2.88	.35	.13	2.75	.46	.16
00197.02.1	Monitoring	3.50	.53	.19	3.63	.52	.18
00197.02.1	Social Perceptiveness	2.75	.46	.16	2.75	.46	.16
00197.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
00197.02.1	Persuasion	2.38	.52	.18	2.50	.76	.27
00197.02.1	Negotiation	2.38	.74	.26	1.88	.83	.30
00197.02.1	Instructing	2.75	.46	.16	3.00	.00	.00
00197.02.1	Service Orientation	2.25	.46	.16	1.88	.35	.13
00197.02.1	Complex Problem Solving	3.25	.46	.16	3.38	.52	.18
00197.02.1	Operations Analysis	3.00	.00	.00	2.88	.35	.13
00197.02.1	Technology Design	2.38	.74	.26	2.00	.93	.33
00197.02.1	Equipment Selection	2.63	.52	.18	3.00	.00	.00
00197.02.1	Installation	1.13	.35	.13	.13	.35	.13
00197.02.1	Programming	4.13	.35	.13	4.13	.35	.13
00197.02.1	Quality Control Analysis	3.00	.00	.00	3.13	.35	.13
00197.02.1	Operations Monitoring	3.38	.52	.18	3.75	.46	.16
00197.02.1	Operation and Control	3.00	.00	.00	3.13	.35	.13
00197.02.1	Equipment Maintenance	2.75	.46	.16	2.38	.52	.18
00197.02.1	Troubleshooting	3.00	.00	.00	2.75	.46	.16
00197.02.1	Repairing	2.38	.52	.18	2.13	.35	.13
00197.02.1	Systems Analysis	3.25	.46	.16	3.00	.00	.00
00197.02.1	Systems Evaluation	3.13	.35	.13	3.13	.35	.13
00197.02.1	Judg. and Dec. Making	3.25	.46	.16	3.13	.35	.13
00197.02.1	Time Management	3.00	.00	.00	2.88	.35	.13
00197.02.1	M. of Financial Resources	1.75	.46	.16	1.25	.89	.31
00197.02.1	M. of Material Resources	2.13	.35	.13	2.00	.00	.00
00197.02.1	M. of Personnel Resources	2.50	.53	.19	2.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

### Forging Machine Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00948.02.1	Reading Comprehension	3.13	.64	.23	2.88	.35	.13
00948.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
00948.02.1	Writing	2.75	.46	.16	2.75	.46	.16
00948.02.1	Speaking	2.88	.35	.13	2.88	.35	.13
00948.02.1	Mathematics	2.13	.35	.13	2.13	.35	.13
00948.02.1	Science	1.38	.52	.18	.63	.92	.32
00948.02.1	Critical Thinking	2.88	.35	.13	2.88	.35	.13
00948.02.1	Active Learning	2.38	.52	.18	2.13	.35	.13
00948.02.1	Learning Strategies	2.38	.52	.18	2.25	.46	.16
00948.02.1	Monitoring	3.13	.35	.13	3.13	.35	.13
00948.02.1	Social Perceptiveness	2.88	.35	.13	2.38	.52	.18
00948.02.1	Coordination	2.75	.46	.16	2.63	.52	.18
00948.02.1	Persuasion	2.38	.52	.18	2.13	.35	.13
00948.02.1	Negotiation	2.25	.46	.16	2.13	.35	.13
00948.02.1	Instructing	2.25	.46	.16	2.25	.46	.16
00948.02.1	Service Orientation	2.13	.35	.13	2.13	.35	.13
00948.02.1	Complex Problem Solving	2.63	.52	.18	2.75	.46	.16
00948.02.1	Operations Analysis	1.88	.64	.23	1.13	.83	.30
00948.02.1	Technology Design	1.88	.35	.13	.88	.35	.13
00948.02.1	Equipment Selection	2.00	.00	.00	1.75	.46	.16
00948.02.1	Installation	1.63	.74	.26	1.00	1.20	.42
00948.02.1	Programming	1.25	.46	.16	.25	.46	.16
00948.02.1	Quality Control Analysis	2.88	.35	.13	2.88	.35	.13
00948.02.1	Operations Monitoring	3.25	.46	.16	3.00	.00	.00
00948.02.1	Operation and Control	3.13	.35	.13	3.00	.00	.00
00948.02.1	Equipment Maintenance	2.75	.46	.16	2.25	.46	.16
00948.02.1	Troubleshooting	2.88	.35	.13	2.75	.46	.16
00948.02.1	Repairing	2.50	.53	.19	2.13	.64	.23
00948.02.1	Systems Analysis	2.00	.00	.00	1.75	.46	.16
00948.02.1	Systems Evaluation	2.00	.00	.00	1.75	.46	.16
00948.02.1	Judg. and Dec. Making	2.75	.46	.16	2.63	.52	.18
00948.02.1	Time Management	3.00	.00	.00	2.63	.52	.18
00948.02.1	M. of Financial Resources	1.38	.52	.18	.38	.52	.18
00948.02.1	M. of Material Resources	1.50	.53	.19	.50	.53	.19
00948.02.1	M. of Personnel Resources	2.38	.52	.18	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01437.02.1	Reading Comprehension	3.13	.35	.13	2.88	.35	.13
01437.02.1	Active Listening	2.88	.35	.13	2.63	.52	.18
01437.02.1	Writing	2.38	.52	.18	2.00	.00	.00
01437.02.1	Speaking	3.00	.00	.00	2.50	.53	.19
01437.02.1	Mathematics	2.75	.46	.16	3.00	.00	.00
01437.02.1	Science	1.50	.53	.19	.50	.53	.19
01437.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
01437.02.1	Active Learning	2.63	.52	.18	2.25	.46	.16
01437.02.1	Learning Strategies	2.25	.46	.16	2.00	.00	.00
01437.02.1	Monitoring	3.13	.35	.13	3.00	.00	.00
01437.02.1	Social Perceptiveness	2.63	.52	.18	2.25	.71	.25
01437.02.1	Coordination	2.88	.35	.13	2.50	.53	.19
01437.02.1	Persuasion	2.00	.53	.19	1.63	.92	.32
01437.02.1	Negotiation	2.00	.53	.19	1.38	.74	.26
01437.02.1	Instructing	2.25	.46	.16	2.13	.35	.13
01437.02.1	Service Orientation	2.13	.35	.13	1.75	.46	.16
01437.02.1	Complex Problem Solving	2.88	.35	.13	2.75	.46	.16
01437.02.1	Operations Analysis	1.63	.52	.18	1.00	.93	.33
01437.02.1	Technology Design	1.63	.52	.18	.75	.71	.25
01437.02.1	Equipment Selection	2.75	.46	.16	2.13	.35	.13
01437.02.1	Installation	1.50	.53	.19	.63	.74	.26
01437.02.1	Programming	1.75	.46	.16	.75	.46	.16
01437.02.1	Quality Control Analysis	3.50	.53	.19	3.50	.53	.19
01437.02.1	Operations Monitoring	4.00	.00	.00	3.63	.74	.26
01437.02.1	Operation and Control	4.00	.00	.00	3.63	.52	.18
01437.02.1	Equipment Maintenance	2.75	.46	.16	2.50	.53	.19
01437.02.1	Troubleshooting	3.00	.00	.00	2.63	.52	.18
01437.02.1	Repairing	2.63	.52	.18	2.50	.53	.19
01437.02.1	Systems Analysis	2.38	.52	.18	2.25	.46	.16
01437.02.1	Systems Evaluation	2.25	.46	.16	2.13	.35	.13
01437.02.1	Judg. and Dec. Making	3.00	.00	.00	2.88	.35	.13
01437.02.1	Time Management	2.75	.46	.16	2.25	.46	.16
01437.02.1	M. of Financial Resources	1.63	.52	.18	.75	.71	.25
01437.02.1	M. of Material Resources	2.13	.64	.23	1.13	.64	.23
01437.02.1	M. of Personnel Resources	2.13	.35	.13	1.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00937.02.1	Reading Comprehension	3.00	.53	.19	3.00	.00	.00
00937.02.1	Active Listening	3.00	.00	.00	2.88	.35	.13
00937.02.1	Writing	2.25	.46	.16	2.13	.35	.13
00937.02.1	Speaking	2.88	.35	.13	2.63	.52	.18
00937.02.1	Mathematics	2.13	.35	.13	2.25	.71	.25
00937.02.1	Science	1.75	.46	.16	.75	.46	.16
00937.02.1	Critical Thinking	2.88	.35	.13	3.00	.00	.00
00937.02.1	Active Learning	2.25	.46	.16	2.00	.00	.00
00937.02.1	Learning Strategies	2.25	.46	.16	1.75	.46	.16
00937.02.1	Monitoring	3.13	.35	.13	3.00	.00	.00
00937.02.1	Social Perceptiveness	2.63	.52	.18	2.13	.83	.30
00937.02.1	Coordination	2.88	.35	.13	2.63	.52	.18
00937.02.1	Persuasion	1.88	.35	.13	1.38	.74	.26
00937.02.1	Negotiation	1.75	.46	.16	1.00	.76	.27
00937.02.1	Instructing	2.25	.46	.16	2.13	.35	.13
00937.02.1	Service Orientation	1.88	.35	.13	1.50	.76	.27
00937.02.1	Complex Problem Solving	2.75	.46	.16	2.50	.76	.27
00937.02.1	Operations Analysis	1.63	.52	.18	.88	.83	.30
00937.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
00937.02.1	Equipment Selection	2.63	.52	.18	2.25	.46	.16
00937.02.1	Installation	1.63	.52	.18	.88	.83	.30
00937.02.1	Programming	1.63	.52	.18	.63	.52	.18
00937.02.1	Quality Control Analysis	3.13	.35	.13	3.13	.35	.13
00937.02.1	Operations Monitoring	3.50	.53	.19	2.88	.35	.13
00937.02.1	Operation and Control	3.38	.52	.18	3.13	.35	.13
00937.02.1	Equipment Maintenance	2.63	.52	.18	2.50	.53	.19
00937.02.1	Troubleshooting	2.88	.35	.13	2.63	.52	.18
00937.02.1	Repairing	2.38	.52	.18	2.13	.35	.13
00937.02.1	Systems Analysis	2.13	.35	.13	2.00	.00	.00
00937.02.1	Systems Evaluation	2.13	.35	.13	1.75	.46	.16
00937.02.1	Judg. and Dec. Making	2.75	.46	.16	2.38	.52	.18
00937.02.1	Time Management	2.88	.35	.13	2.25	.71	.25
00937.02.1	M. of Financial Resources	1.75	.46	.16	.75	.46	.16
00937.02.1	M. of Material Resources	1.63	.52	.18	.63	.52	.18
00937.02.1	M. of Personnel Resources	2.00	.00	.00	1.63	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00939.02.1	Reading Comprehension	3.00	.53	.19	2.75	.46	.16
00939.02.1	Active Listening	3.13	.35	.13	3.00	.53	.19
00939.02.1	Writing	2.50	.53	.19	2.25	.46	.16
00939.02.1	Speaking	3.00	.00	.00	2.63	.52	.18
00939.02.1	Mathematics	2.88	.35	.13	2.75	.71	.25
00939.02.1	Science	1.63	.52	.18	.63	.52	.18
00939.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
00939.02.1	Active Learning	2.63	.52	.18	2.50	.53	.19
00939.02.1	Learning Strategies	2.25	.46	.16	1.88	.35	.13
00939.02.1	Monitoring	3.25	.46	.16	3.00	.00	.00
00939.02.1	Social Perceptiveness	2.63	.52	.18	2.25	.46	.16
00939.02.1	Coordination	2.75	.46	.16	2.63	.52	.18
00939.02.1	Persuasion	2.00	.53	.19	1.63	.74	.26
00939.02.1	Negotiation	2.00	.53	.19	1.50	.76	.27
00939.02.1	Instructing	2.13	.35	.13	2.13	.35	.13
00939.02.1	Service Orientation	2.25	.46	.16	1.75	.46	.16
00939.02.1	Complex Problem Solving	2.63	.74	.26	2.50	1.07	.38
00939.02.1	Operations Analysis	1.88	.35	.13	1.63	.74	.26
00939.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
00939.02.1	Equipment Selection	2.25	.46	.16	1.88	.35	.13
00939.02.1	Installation	2.00	.53	.19	1.25	.71	.25
00939.02.1	Programming	1.75	.46	.16	.75	.46	.16
00939.02.1	Quality Control Analysis	2.75	.46	.16	3.00	.00	.00
00939.02.1	Operations Monitoring	3.75	.46	.16	3.50	.53	.19
00939.02.1	Operation and Control	3.25	.71	.25	3.25	.71	.25
00939.02.1	Equipment Maintenance	2.38	.52	.18	2.25	.46	.16
00939.02.1	Troubleshooting	2.75	.46	.16	2.75	.46	.16
00939.02.1	Repairing	2.25	.46	.16	2.13	.35	.13
00939.02.1	Systems Analysis	2.38	.52	.18	1.88	.35	.13
00939.02.1	Systems Evaluation	2.13	.35	.13	1.75	.46	.16
00939.02.1	Judg. and Dec. Making	2.75	.46	.16	2.38	.52	.18
00939.02.1	Time Management	2.75	.46	.16	2.63	.52	.18
00939.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
00939.02.1	M. of Material Resources	1.75	.46	.16	.75	.46	.16
00939.02.1	M. of Personnel Resources	2.13	.35	.13	1.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

### Model Makers, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00852.02.1	Reading Comprehension	2.88	.35	.13	3.00	.00	.00
00852.02.1	Active Listening	3.00	.00	.00	2.88	.35	.13
00852.02.1	Writing	2.75	.46	.16	2.63	.52	.18
00852.02.1	Speaking	3.00	.53	.19	2.63	.52	.18
00852.02.1	Mathematics	2.63	.52	.18	2.88	.64	.23
00852.02.1	Science	1.75	.46	.16	1.25	.89	.31
00852.02.1	Critical Thinking	3.13	.35	.13	3.00	.00	.00
00852.02.1	Active Learning	2.88	.35	.13	2.88	.35	.13
00852.02.1	Learning Strategies	2.38	.52	.18	2.00	.53	.19
00852.02.1	Monitoring	3.25	.46	.16	3.00	.00	.00
00852.02.1	Social Perceptiveness	2.63	.52	.18	2.63	.52	.18
00852.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
00852.02.1	Persuasion	2.00	.53	.19	1.88	.99	.35
00852.02.1	Negotiation	1.88	.64	.23	1.38	.92	.32
00852.02.1	Instructing	2.25	.46	.16	2.13	.35	.13
00852.02.1	Service Orientation	1.88	.35	.13	1.50	.76	.27
00852.02.1	Complex Problem Solving	2.88	.35	.13	2.75	.71	.25
00852.02.1	Operations Analysis	2.63	.52	.18	2.50	.53	.19
00852.02.1	Technology Design	2.13	.35	.13	1.88	.35	.13
00852.02.1	Equipment Selection	2.88	.35	.13	3.00	.53	.19
00852.02.1	Installation	1.38	.52	.18	.38	.52	.18
00852.02.1	Programming	1.75	.71	.25	.88	.83	.30
00852.02.1	Quality Control Analysis	3.25	.46	.16	3.13	.35	.13
00852.02.1	Operations Monitoring	3.38	.52	.18	3.13	.35	.13
00852.02.1	Operation and Control	3.63	.52	.18	3.25	.46	.16
00852.02.1	Equipment Maintenance	2.63	.52	.18	2.63	.52	.18
00852.02.1	Troubleshooting	3.13	.35	.13	3.13	.35	.13
00852.02.1	Repairing	2.75	.46	.16	2.63	.52	.18
00852.02.1	Systems Analysis	2.00	.76	.27	1.13	.99	.35
00852.02.1	Systems Evaluation	2.00	.53	.19	1.88	.83	.30
00852.02.1	Judg. and Dec. Making	3.00	.00	.00	2.88	.35	.13
00852.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
00852.02.1	M. of Financial Resources	1.63	.52	.18	.88	.83	.30
00852.02.1	M. of Material Resources	1.88	.35	.13	1.38	.74	.26
00852.02.1	M. of Personnel Resources	2.13	.35	.13	1.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Foundry Mold and Coremakers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00908.02.1	Reading Comprehension	2.13	.64	.23	1.88	.83	.30
00908.02.1	Active Listening	2.75	.46	.16	2.25	.46	.16
00908.02.1	Writing	1.88	.35	.13	1.63	.74	.26
00908.02.1	Speaking	2.63	.52	.18	1.88	.35	.13
00908.02.1	Mathematics	1.88	.35	.13	1.63	.74	.26
00908.02.1	Science	1.25	.46	.16	.25	.46	.16
00908.02.1	Critical Thinking	2.88	.35	.13	2.50	.76	.27
00908.02.1	Active Learning	2.25	.46	.16	1.75	.46	.16
00908.02.1	Learning Strategies	2.00	.76	.27	1.38	1.06	.38
00908.02.1	Monitoring	3.13	.35	.13	2.63	.74	.26
00908.02.1	Social Perceptiveness	2.25	.46	.16	2.13	.64	.23
00908.02.1	Coordination	2.50	.53	.19	2.50	.53	.19
00908.02.1	Persuasion	1.88	.64	.23	1.25	.89	.31
00908.02.1	Negotiation	1.88	.64	.23	1.13	.83	.30
00908.02.1	Instructing	2.25	.46	.16	2.13	.35	.13
00908.02.1	Service Orientation	2.00	.53	.19	1.25	.71	.25
00908.02.1	Complex Problem Solving	2.63	.74	.26	2.00	.93	.33
00908.02.1	Operations Analysis	1.75	.46	.16	.88	.64	.23
00908.02.1	Technology Design	1.50	.53	.19	.50	.53	.19
00908.02.1	Equipment Selection	2.13	.35	.13	1.50	.53	.19
00908.02.1	Installation	1.00	.00	.00	.00	.00	.00
00908.02.1	Programming	1.00	.00	.00	.00	.00	.00
00908.02.1	Quality Control Analysis	2.50	.76	.27	2.38	.74	.26
00908.02.1	Operations Monitoring	2.75	.71	.25	2.38	.52	.18
00908.02.1	Operation and Control	2.50	.76	.27	2.25	.71	.25
00908.02.1	Equipment Maintenance	2.00	.76	.27	1.13	.83	.30
00908.02.1	Troubleshooting	2.38	.74	.26	2.13	.35	.13
00908.02.1	Repairing	2.00	.76	.27	1.25	1.16	.41
00908.02.1	Systems Analysis	1.75	.46	.16	1.00	.76	.27
00908.02.1	Systems Evaluation	1.88	.35	.13	1.00	.53	.19
00908.02.1	Judg. and Dec. Making	2.88	.35	.13	2.25	.46	.16
00908.02.1	Time Management	2.75	.46	.16	2.50	.76	.27
00908.02.1	M. of Financial Resources	1.50	.53	.19	.50	.53	.19
00908.02.1	M. of Material Resources	1.63	.52	.18	.63	.52	.18
00908.02.1	M. of Personnel Resources	2.00	.53	.19	1.63	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01438.02.1	Reading Comprehension	3.13	.35	.13	3.00	.53	.19
01438.02.1	Active Listening	3.25	.46	.16	3.00	.00	.00
01438.02.1	Writing	2.63	.52	.18	2.50	.53	.19
01438.02.1	Speaking	3.00	.00	.00	2.38	.52	.18
01438.02.1	Mathematics	2.25	.46	.16	2.13	.35	.13
01438.02.1	Science	1.13	.35	.13	.25	.71	.25
01438.02.1	Critical Thinking	3.00	.00	.00	2.63	.52	.18
01438.02.1	Active Learning	2.88	.35	.13	2.25	.46	.16
01438.02.1	Learning Strategies	2.25	.46	.16	2.25	.46	.16
01438.02.1	Monitoring	3.13	.35	.13	3.00	.00	.00
01438.02.1	Social Perceptiveness	2.88	.35	.13	2.13	.35	.13
01438.02.1	Coordination	2.38	.52	.18	2.00	.00	.00
01438.02.1	Persuasion	2.13	.35	.13	2.00	.00	.00
01438.02.1	Negotiation	2.13	.35	.13	2.00	.00	.00
01438.02.1	Instructing	2.25	.46	.16	2.13	.35	.13
01438.02.1	Service Orientation	2.13	.35	.13	1.63	.52	.18
01438.02.1	Complex Problem Solving	2.75	.46	.16	2.25	.46	.16
01438.02.1	Operations Analysis	1.88	.35	.13	1.63	.74	.26
01438.02.1	Technology Design	1.38	.52	.18	.50	.76	.27
01438.02.1	Equipment Selection	2.25	.46	.16	2.00	.53	.19
01438.02.1	Installation	2.00	.53	.19	1.13	.64	.23
01438.02.1	Programming	1.38	.52	.18	.50	.76	.27
01438.02.1	Quality Control Analysis	3.00	.53	.19	3.13	.64	.23
01438.02.1	Operations Monitoring	3.38	.74	.26	3.88	.35	.13
01438.02.1	Operation and Control	3.13	.83	.30	3.75	.46	.16
01438.02.1	Equipment Maintenance	2.75	.46	.16	2.75	.46	.16
01438.02.1	Troubleshooting	2.88	.35	.13	2.75	.46	.16
01438.02.1	Repairing	2.88	.35	.13	2.63	.74	.26
01438.02.1	Systems Analysis	1.63	.52	.18	1.13	.99	.35
01438.02.1	Systems Evaluation	2.13	.35	.13	1.75	.46	.16
01438.02.1	Judg. and Dec. Making	2.75	.71	.25	2.25	.46	.16
01438.02.1	Time Management	3.00	.00	.00	2.38	.52	.18
01438.02.1	M. of Financial Resources	1.50	.53	.19	.63	.74	.26
01438.02.1	M. of Material Resources	1.50	.53	.19	.50	.53	.19
01438.02.1	M. of Personnel Resources	2.25	.46	.16	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01442.02.1	Reading Comprehension	2.88	.35	.13	3.00	.53	.19
01442.02.1	Active Listening	3.13	.35	.13	2.88	.35	.13
01442.02.1	Writing	2.88	.35	.13	2.63	.52	.18
01442.02.1	Speaking	3.13	.35	.13	2.63	.52	.18
01442.02.1	Mathematics	2.88	.35	.13	2.88	.35	.13
01442.02.1	Science	2.00	.53	.19	1.13	.64	.23
01442.02.1	Critical Thinking	3.00	.00	.00	3.00	.00	.00
01442.02.1	Active Learning	2.75	.46	.16	2.63	.52	.18
01442.02.1	Learning Strategies	2.63	.52	.18	2.75	.46	.16
01442.02.1	Monitoring	3.13	.35	.13	3.38	.52	.18
01442.02.1	Social Perceptiveness	2.63	.52	.18	2.50	.53	.19
01442.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
01442.02.1	Persuasion	1.88	.35	.13	1.88	.83	.30
01442.02.1	Negotiation	1.88	.35	.13	1.63	.74	.26
01442.02.1	Instructing	2.88	.35	.13	3.00	.00	.00
01442.02.1	Service Orientation	2.13	.35	.13	1.88	.35	.13
01442.02.1	Complex Problem Solving	2.75	.46	.16	2.63	.52	.18
01442.02.1	Operations Analysis	1.88	.35	.13	1.63	.74	.26
01442.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
01442.02.1	Equipment Selection	2.50	.53	.19	2.63	.52	.18
01442.02.1	Installation	1.25	.46	.16	.25	.46	.16
01442.02.1	Programming	1.75	.46	.16	.88	.64	.23
01442.02.1	Quality Control Analysis	3.13	.35	.13	3.25	.46	.16
01442.02.1	Operations Monitoring	3.75	.46	.16	3.75	.46	.16
01442.02.1	Operation and Control	3.75	.46	.16	3.88	.35	.13
01442.02.1	Equipment Maintenance	3.00	.00	.00	3.13	.35	.13
01442.02.1	Troubleshooting	2.75	.46	.16	2.75	.46	.16
01442.02.1	Repairing	2.75	.46	.16	2.88	.35	.13
01442.02.1	Systems Analysis	2.13	.35	.13	2.13	.35	.13
01442.02.1	Systems Evaluation	2.13	.35	.13	1.88	.35	.13
01442.02.1	Judg. and Dec. Making	3.00	.00	.00	2.63	.52	.18
01442.02.1	Time Management	2.75	.46	.16	2.63	.52	.18
01442.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
01442.02.1	M. of Material Resources	1.75	.46	.16	1.38	.92	.32
01442.02.1	M. of Personnel Resources	2.38	.52	.18	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

### Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01443.02.1	Reading Comprehension	3.13	.35	.13	2.88	.64	.23
01443.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
01443.02.1	Writing	2.75	.46	.16	2.63	.52	.18
01443.02.1	Speaking	3.00	.00	.00	2.75	.46	.16
01443.02.1	Mathematics	2.00	.00	.00	1.38	.52	.18
01443.02.1	Science	2.00	.00	.00	1.88	.35	.13
01443.02.1	Critical Thinking	3.00	.53	.19	2.75	.71	.25
01443.02.1	Active Learning	2.13	.35	.13	2.13	.35	.13
01443.02.1	Learning Strategies	2.25	.46	.16	2.13	.35	.13
01443.02.1	Monitoring	3.13	.35	.13	3.00	.00	.00
01443.02.1	Social Perceptiveness	2.63	.52	.18	2.25	.46	.16
01443.02.1	Coordination	3.00	.00	.00	2.63	.52	.18
01443.02.1	Persuasion	2.38	.52	.18	2.13	.35	.13
01443.02.1	Negotiation	2.38	.52	.18	2.13	.35	.13
01443.02.1	Instructing	2.25	.46	.16	2.38	.52	.18
01443.02.1	Service Orientation	2.25	.46	.16	2.13	.35	.13
01443.02.1	Complex Problem Solving	2.63	.52	.18	2.25	.46	.16
01443.02.1	Operations Analysis	1.88	.35	.13	1.63	.74	.26
01443.02.1	Technology Design	1.38	.52	.18	.50	.76	.27
01443.02.1	Equipment Selection	2.13	.35	.13	2.00	.00	.00
01443.02.1	Installation	1.13	.35	.13	.25	.71	.25
01443.02.1	Programming	1.00	.00	.00	.00	.00	.00
01443.02.1	Quality Control Analysis	3.00	.53	.19	2.75	.46	.16
01443.02.1	Operations Monitoring	3.25	.46	.16	3.13	.35	.13
01443.02.1	Operation and Control	3.13	.35	.13	3.00	.00	.00
01443.02.1	Equipment Maintenance	2.38	.52	.18	2.38	.52	.18
01443.02.1	Troubleshooting	2.38	.52	.18	2.25	.46	.16
01443.02.1	Repairing	2.25	.46	.16	2.13	.35	.13
01443.02.1	Systems Analysis	2.00	.00	.00	1.63	.52	.18
01443.02.1	Systems Evaluation	2.00	.00	.00	1.63	.52	.18
01443.02.1	Judg. and Dec. Making	2.88	.35	.13	2.13	.35	.13
01443.02.1	Time Management	3.00	.00	.00	2.75	.46	.16
01443.02.1	M. of Financial Resources	1.50	.53	.19	.50	.53	.19
01443.02.1	M. of Material Resources	1.88	.35	.13	.88	.35	.13
01443.02.1	M. of Personnel Resources	2.13	.35	.13	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Tool Grinders, Filers, and Sharpeners

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00851.02.1	Reading Comprehension	2.88	.35	.13	3.00	.00	.00
00851.02.1	Active Listening	2.75	.46	.16	2.88	.35	.13
00851.02.1	Writing	2.50	.53	.19	2.25	.46	.16
00851.02.1	Speaking	2.50	.53	.19	2.38	.52	.18
00851.02.1	Mathematics	2.75	.46	.16	2.88	.64	.23
00851.02.1	Science	1.13	.35	.13	.13	.35	.13
00851.02.1	Critical Thinking	3.25	.46	.16	2.88	.35	.13
00851.02.1	Active Learning	2.75	.46	.16	2.63	.52	.18
00851.02.1	Learning Strategies	2.50	.53	.19	2.38	.52	.18
00851.02.1	Monitoring	3.00	.53	.19	2.75	.46	.16
00851.02.1	Social Perceptiveness	2.50	.53	.19	2.13	.35	.13
00851.02.1	Coordination	2.38	.52	.18	2.13	.35	.13
00851.02.1	Persuasion	2.25	.46	.16	2.13	.35	.13
00851.02.1	Negotiation	2.25	.46	.16	2.00	.00	.00
00851.02.1	Instructing	2.50	.53	.19	2.38	.52	.18
00851.02.1	Service Orientation	2.13	.35	.13	2.00	.53	.19
00851.02.1	Complex Problem Solving	2.88	.35	.13	2.75	.46	.16
00851.02.1	Operations Analysis	1.88	.64	.23	1.38	.92	.32
00851.02.1	Technology Design	1.88	.35	.13	1.13	.64	.23
00851.02.1	Equipment Selection	3.00	.53	.19	2.38	.74	.26
00851.02.1	Installation	1.13	.35	.13	.25	.71	.25
00851.02.1	Programming	1.50	.53	.19	.50	.53	.19
00851.02.1	Quality Control Analysis	3.50	.53	.19	3.25	.46	.16
00851.02.1	Operations Monitoring	3.88	.35	.13	3.63	.52	.18
00851.02.1	Operation and Control	3.75	.46	.16	3.63	.52	.18
00851.02.1	Equipment Maintenance	3.38	.74	.26	3.38	.52	.18
00851.02.1	Troubleshooting	3.00	.53	.19	2.88	.35	.13
00851.02.1	Repairing	3.38	.74	.26	3.00	.53	.19
00851.02.1	Systems Analysis	2.50	.76	.27	2.25	.46	.16
00851.02.1	Systems Evaluation	2.25	.46	.16	2.25	.46	.16
00851.02.1	Judg. and Dec. Making	2.88	.35	.13	2.75	.46	.16
00851.02.1	Time Management	2.75	.46	.16	2.63	.52	.18
00851.02.1	M. of Financial Resources	2.00	.00	.00	1.38	.52	.18
00851.02.1	M. of Material Resources	2.13	.35	.13	1.75	.46	.16
00851.02.1	M. of Personnel Resources	2.38	.52	.18	1.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Prepress Technicians and Workers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01446.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
01446.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
01446.02.1	Writing	2.88	.35	.13	2.88	.35	.13
01446.02.1	Speaking	3.13	.35	.13	3.13	.35	.13
01446.02.1	Mathematics	2.00	.00	.00	2.00	.00	.00
01446.02.1	Science	1.63	.52	.18	.88	.83	.30
01446.02.1	Critical Thinking	3.13	.35	.13	3.00	.53	.19
01446.02.1	Active Learning	2.88	.35	.13	3.00	.00	.00
01446.02.1	Learning Strategies	2.38	.52	.18	2.25	.46	.16
01446.02.1	Monitoring	3.13	.35	.13	3.00	.00	.00
01446.02.1	Social Perceptiveness	2.88	.35	.13	2.75	.46	.16
01446.02.1	Coordination	3.00	.00	.00	2.88	.35	.13
01446.02.1	Persuasion	2.88	.35	.13	2.38	.52	.18
01446.02.1	Negotiation	2.63	.52	.18	2.13	.35	.13
01446.02.1	Instructing	2.75	.46	.16	2.50	.53	.19
01446.02.1	Service Orientation	2.63	.52	.18	2.63	.52	.18
01446.02.1	Complex Problem Solving	3.00	.53	.19	2.88	.35	.13
01446.02.1	Operations Analysis	2.00	.53	.19	1.50	.76	.27
01446.02.1	Technology Design	1.75	.46	.16	1.00	.76	.27
01446.02.1	Equipment Selection	2.13	.35	.13	1.75	.46	.16
01446.02.1	Installation	1.00	.00	.00	.00	.00	.00
01446.02.1	Programming	1.75	.89	.31	.88	1.13	.40
01446.02.1	Quality Control Analysis	2.75	.71	.25	2.38	.52	.18
01446.02.1	Operations Monitoring	3.00	.00	.00	3.00	.00	.00
01446.02.1	Operation and Control	2.63	.52	.18	2.13	.35	.13
01446.02.1	Equipment Maintenance	2.38	.52	.18	1.88	.35	.13
01446.02.1	Troubleshooting	2.13	.35	.13	2.13	.35	.13
01446.02.1	Repairing	2.13	.35	.13	1.75	.46	.16
01446.02.1	Systems Analysis	2.38	.52	.18	2.25	.46	.16
01446.02.1	Systems Evaluation	2.38	.52	.18	2.25	.46	.16
01446.02.1	Judg. and Dec. Making	3.00	.53	.19	2.88	.35	.13
01446.02.1	Time Management	3.13	.35	.13	2.75	.46	.16
01446.02.1	M. of Financial Resources	1.50	.53	.19	.50	.53	.19
01446.02.1	M. of Material Resources	1.75	.46	.16	.88	.64	.23
01446.02.1	M. of Personnel Resources	2.25	.46	.16	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Fabric and Apparel Patternmakers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00874.02.1	Reading Comprehension	3.13	.35	.13	3.25	.46	.16
00874.02.1	Active Listening	3.38	.52	.18	3.38	.52	.18
00874.02.1	Writing	3.00	.53	.19	2.88	.35	.13
00874.02.1	Speaking	3.13	.35	.13	3.00	.00	.00
00874.02.1	Mathematics	3.13	.35	.13	3.00	.00	.00
00874.02.1	Science	1.13	.35	.13	.13	.35	.13
00874.02.1	Critical Thinking	3.75	.46	.16	3.38	.52	.18
00874.02.1	Active Learning	3.13	.35	.13	3.00	.00	.00
00874.02.1	Learning Strategies	3.00	.00	.00	3.00	.00	.00
00874.02.1	Monitoring	3.13	.35	.13	3.25	.46	.16
00874.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
00874.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
00874.02.1	Persuasion	2.63	.52	.18	2.63	.52	.18
00874.02.1	Negotiation	2.50	.53	.19	2.63	.52	.18
00874.02.1	Instructing	2.88	.35	.13	3.00	.53	.19
00874.02.1	Service Orientation	2.88	.35	.13	2.75	.46	.16
00874.02.1	Complex Problem Solving	3.00	.00	.00	3.00	.00	.00
00874.02.1	Operations Analysis	2.88	.83	.30	2.75	.71	.25
00874.02.1	Technology Design	2.13	.64	.23	1.50	1.07	.38
00874.02.1	Equipment Selection	1.50	.53	.19	.63	.74	.26
00874.02.1	Installation	1.00	.00	.00	.00	.00	.00
00874.02.1	Programming	2.00	.76	.27	1.25	1.04	.37
00874.02.1	Quality Control Analysis	3.13	.35	.13	3.13	.35	.13
00874.02.1	Operations Monitoring	3.00	.00	.00	2.88	.35	.13
00874.02.1	Operation and Control	2.50	.53	.19	2.50	.53	.19
00874.02.1	Equipment Maintenance	1.13	.35	.13	.13	.35	.13
00874.02.1	Troubleshooting	2.13	.35	.13	2.13	.35	.13
00874.02.1	Repairing	1.25	.46	.16	.38	.74	.26
00874.02.1	Systems Analysis	2.75	.46	.16	2.75	.46	.16
00874.02.1	Systems Evaluation	2.75	.46	.16	2.38	.52	.18
00874.02.1	Judg. and Dec. Making	3.25	.46	.16	3.00	.00	.00
00874.02.1	Time Management	3.25	.46	.16	3.00	.00	.00
00874.02.1	M. of Financial Resources	2.00	.00	.00	1.63	.52	.18
00874.02.1	M. of Material Resources	2.00	.00	.00	1.88	.35	.13
00874.02.1	M. of Personnel Resources	2.13	.35	.13	2.13	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Upholsterers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00879.02.1	Reading Comprehension	3.13	.35	.13	3.00	.00	.00
00879.02.1	Active Listening	3.00	.00	.00	3.00	.00	.00
00879.02.1	Writing	2.63	.52	.18	2.38	.52	.18
00879.02.1	Speaking	3.00	.00	.00	2.88	.35	.13
00879.02.1	Mathematics	2.50	.53	.19	2.50	.53	.19
00879.02.1	Science	1.25	.46	.16	.50	.93	.33
00879.02.1	Critical Thinking	3.50	.53	.19	3.13	.35	.13
00879.02.1	Active Learning	3.00	.00	.00	2.88	.35	.13
00879.02.1	Learning Strategies	2.75	.46	.16	2.75	.46	.16
00879.02.1	Monitoring	3.00	.00	.00	3.00	.00	.00
00879.02.1	Social Perceptiveness	2.88	.35	.13	2.50	.53	.19
00879.02.1	Coordination	2.75	.46	.16	2.75	.46	.16
00879.02.1	Persuasion	2.50	.53	.19	2.50	.53	.19
00879.02.1	Negotiation	2.38	.52	.18	2.25	.46	.16
00879.02.1	Instructing	2.50	.53	.19	2.63	.52	.18
00879.02.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
00879.02.1	Complex Problem Solving	3.00	.00	.00	3.00	.00	.00
00879.02.1	Operations Analysis	2.13	.64	.23	1.75	.71	.25
00879.02.1	Technology Design	1.88	.35	.13	1.38	.74	.26
00879.02.1	Equipment Selection	2.63	.52	.18	2.13	.64	.23
00879.02.1	Installation	1.25	.46	.16	.38	.74	.26
00879.02.1	Programming	1.00	.00	.00	.00	.00	.00
00879.02.1	Quality Control Analysis	2.75	.46	.16	2.75	.46	.16
00879.02.1	Operations Monitoring	2.88	.35	.13	2.88	.35	.13
00879.02.1	Operation and Control	2.75	.46	.16	2.63	.52	.18
00879.02.1	Equipment Maintenance	2.25	.46	.16	1.88	.35	.13
00879.02.1	Troubleshooting	2.38	.52	.18	2.00	.00	.00
00879.02.1	Repairing	2.50	.53	.19	1.88	.35	.13
00879.02.1	Systems Analysis	2.13	.35	.13	2.00	.00	.00
00879.02.1	Systems Evaluation	2.25	.46	.16	2.00	.00	.00
00879.02.1	Judg. and Dec. Making	3.00	.00	.00	2.88	.35	.13
00879.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
00879.02.1	M. of Financial Resources	2.13	.35	.13	1.50	.53	.19
00879.02.1	M. of Material Resources	2.00	.00	.00	1.75	.46	.16
00879.02.1	M. of Personnel Resources	2.38	.52	.18	2.25	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Biofuels Processing Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01679.01.1	Reading Comprehension	3.50	.53	.19	3.75	.71	.25
01679.01.1	Active Listening	3.25	.71	.25	3.38	.74	.26
01679.01.1	Writing	3.13	.64	.23	3.00	.00	.00
01679.01.1	Speaking	3.25	.46	.16	3.50	.76	.27
01679.01.1	Mathematics	2.88	.64	.23	2.88	.35	.13
01679.01.1	Science	2.88	.83	.30	2.50	.53	.19
01679.01.1	Critical Thinking	3.13	.64	.23	3.13	.64	.23
01679.01.1	Active Learning	2.88	.64	.23	2.75	.46	.16
01679.01.1	Learning Strategies	2.50	.53	.19	2.75	.46	.16
01679.01.1	Monitoring	3.38	.92	.32	3.25	.71	.25
01679.01.1	Social Perceptiveness	3.13	.64	.23	3.13	.64	.23
01679.01.1	Coordination	3.13	.35	.13	3.13	.35	.13
01679.01.1	Persuasion	2.88	.35	.13	2.50	.76	.27
01679.01.1	Negotiation	2.88	.35	.13	2.63	.52	.18
01679.01.1	Instructing	3.00	.53	.19	3.00	.53	.19
01679.01.1	Service Orientation	3.00	.53	.19	2.75	.71	.25
01679.01.1	Complex Problem Solving	2.88	.35	.13	3.00	.53	.19
01679.01.1	Operations Analysis	1.13	.35	.13	.25	.71	.25
01679.01.1	Technology Design	1.50	.53	.19	.75	.89	.31
01679.01.1	Equipment Selection	2.50	.53	.19	2.25	.71	.25
01679.01.1	Installation	1.50	.76	.27	.88	1.25	.44
01679.01.1	Programming	1.63	.52	.18	1.00	.93	.33
01679.01.1	Quality Control Analysis	3.38	.74	.26	3.38	.74	.26
01679.01.1	Operations Monitoring	3.88	.83	.30	3.75	.89	.31
01679.01.1	Operation and Control	3.75	.71	.25	3.50	.53	.19
01679.01.1	Equipment Maintenance	3.25	.46	.16	3.38	.52	.18
01679.01.1	Troubleshooting	3.00	.53	.19	3.25	.46	.16
01679.01.1	Repairing	3.00	.53	.19	3.13	.64	.23
01679.01.1	Systems Analysis	2.88	.35	.13	2.88	.35	.13
01679.01.1	Systems Evaluation	2.88	.35	.13	2.75	.46	.16
01679.01.1	Judg. and Dec. Making	2.88	.35	.13	3.25	.46	.16
01679.01.1	Time Management	2.88	.35	.13	3.00	.53	.19
01679.01.1	M. of Financial Resources	1.75	.46	.16	1.38	1.06	.38
01679.01.1	M. of Material Resources	2.25	.46	.16	2.00	.93	.33
01679.01.1	M. of Personnel Resources	2.50	.53	.19	2.38	.52	.18

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Hydroelectric Plant Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01682.01.1	Reading Comprehension	3.25	.46	.16	3.63	.74	.26
01682.01.1	Active Listening	3.25	.71	.25	3.13	.64	.23
01682.01.1	Writing	3.00	.53	.19	2.88	.64	.23
01682.01.1	Speaking	3.38	.52	.18	3.00	.53	.19
01682.01.1	Mathematics	3.00	.53	.19	3.38	.92	.32
01682.01.1	Science	2.38	.74	.26	2.25	1.16	.41
01682.01.1	Critical Thinking	3.63	.52	.18	3.25	.46	.16
01682.01.1	Active Learning	3.13	.64	.23	3.13	.83	.30
01682.01.1	Learning Strategies	2.88	.83	.30	2.63	.74	.26
01682.01.1	Monitoring	3.50	.53	.19	3.75	.71	.25
01682.01.1	Social Perceptiveness	3.13	.64	.23	2.75	.46	.16
01682.01.1	Coordination	3.25	.46	.16	3.00	.00	.00
01682.01.1	Persuasion	2.50	.53	.19	2.63	.52	.18
01682.01.1	Negotiation	2.38	.52	.18	2.38	.52	.18
01682.01.1	Instructing	2.63	.52	.18	2.88	.64	.23
01682.01.1	Service Orientation	2.75	.46	.16	2.25	.46	.16
01682.01.1	Complex Problem Solving	3.00	.93	.33	3.13	.83	.30
01682.01.1	Operations Analysis	1.50	.53	.19	1.13	1.36	.48
01682.01.1	Technology Design	2.00	.76	.27	1.50	1.07	.38
01682.01.1	Equipment Selection	2.75	.71	.25	3.00	.53	.19
01682.01.1	Installation	2.38	.92	.32	2.63	1.77	.63
01682.01.1	Programming	1.88	.64	.23	1.50	1.31	.46
01682.01.1	Quality Control Analysis	3.00	.53	.19	3.13	.64	.23
01682.01.1	Operations Monitoring	3.75	.46	.16	4.00	.93	.33
01682.01.1	Operation and Control	3.63	.52	.18	3.63	.52	.18
01682.01.1	Equipment Maintenance	3.50	.53	.19	3.75	.46	.16
01682.01.1	Troubleshooting	3.38	.52	.18	3.63	.52	.18
01682.01.1	Repairing	3.38	.52	.18	3.75	.46	.16
01682.01.1	Systems Analysis	2.88	.64	.23	2.63	.74	.26
01682.01.1	Systems Evaluation	2.75	.71	.25	2.88	1.13	.40
01682.01.1	Judg. and Dec. Making	3.13	.35	.13	3.38	.74	.26
01682.01.1	Time Management	2.88	.64	.23	2.63	.52	.18
01682.01.1	M. of Financial Resources	1.88	.64	.23	1.13	.99	.35
01682.01.1	M. of Material Resources	2.13	.64	.23	1.38	.92	.32
01682.01.1	M. of Personnel Resources	2.25	.46	.16	2.50	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01468.02.1	Reading Comprehension	3.00	.00	.00	3.00	.00	.00
01468.02.1	Active Listening	3.00	.00	.00	3.00	.00	.00
01468.02.1	Writing	2.88	.35	.13	2.88	.35	.13
01468.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
01468.02.1	Mathematics	2.63	.52	.18	2.25	.46	.16
01468.02.1	Science	2.13	.83	.30	1.50	.93	.33
01468.02.1	Critical Thinking	2.88	.35	.13	3.00	.00	.00
01468.02.1	Active Learning	2.88	.35	.13	2.88	.35	.13
01468.02.1	Learning Strategies	2.75	.46	.16	2.75	.46	.16
01468.02.1	Monitoring	3.38	.52	.18	3.00	.00	.00
01468.02.1	Social Perceptiveness	2.75	.46	.16	2.63	.52	.18
01468.02.1	Coordination	2.88	.35	.13	2.88	.35	.13
01468.02.1	Persuasion	2.63	.52	.18	2.88	.35	.13
01468.02.1	Negotiation	2.38	.52	.18	2.13	.35	.13
01468.02.1	Instructing	3.00	.00	.00	3.00	.00	.00
01468.02.1	Service Orientation	2.63	.52	.18	2.13	.35	.13
01468.02.1	Complex Problem Solving	2.88	.35	.13	2.88	.35	.13
01468.02.1	Operations Analysis	1.38	.52	.18	.63	.92	.32
01468.02.1	Technology Design	1.50	.53	.19	.75	.89	.31
01468.02.1	Equipment Selection	2.75	.46	.16	2.50	.53	.19
01468.02.1	Installation	1.25	.46	.16	.25	.46	.16
01468.02.1	Programming	1.38	.52	.18	.38	.52	.18
01468.02.1	Quality Control Analysis	3.00	.53	.19	3.38	.52	.18
01468.02.1	Operations Monitoring	4.00	.00	.00	4.00	.00	.00
01468.02.1	Operation and Control	3.88	.35	.13	3.75	.46	.16
01468.02.1	Equipment Maintenance	3.00	.53	.19	3.00	.53	.19
01468.02.1	Troubleshooting	3.00	.00	.00	3.00	.00	.00
01468.02.1	Repairing	2.88	.35	.13	2.88	.35	.13
01468.02.1	Systems Analysis	2.88	.35	.13	2.38	.52	.18
01468.02.1	Systems Evaluation	2.63	.52	.18	2.63	.52	.18
01468.02.1	Judg. and Dec. Making	3.00	.00	.00	2.88	.35	.13
01468.02.1	Time Management	3.00	.00	.00	3.00	.00	.00
01468.02.1	M. of Financial Resources	1.75	.46	.16	1.00	.76	.27
01468.02.1	M. of Material Resources	2.00	.00	.00	1.63	.52	.18
01468.02.1	M. of Personnel Resources	2.63	.52	.18	2.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Grinding and Polishing Workers, Hand

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01079.02.1	Reading Comprehension	2.88	.35	.13	2.88	.35	.13
01079.02.1	Active Listening	2.88	.35	.13	2.88	.35	.13
01079.02.1	Writing	2.38	.52	.18	2.63	.52	.18
01079.02.1	Speaking	2.88	.35	.13	2.38	.52	.18
01079.02.1	Mathematics	2.00	.00	.00	1.75	.46	.16
01079.02.1	Science	1.25	.46	.16	.38	.74	.26
01079.02.1	Critical Thinking	2.88	.35	.13	2.88	.35	.13
01079.02.1	Active Learning	2.38	.52	.18	2.25	.46	.16
01079.02.1	Learning Strategies	2.13	.35	.13	2.00	.00	.00
01079.02.1	Monitoring	2.75	.71	.25	2.88	.35	.13
01079.02.1	Social Perceptiveness	2.63	.52	.18	2.25	.46	.16
01079.02.1	Coordination	2.50	.53	.19	2.50	.53	.19
01079.02.1	Persuasion	2.13	.35	.13	2.00	.00	.00
01079.02.1	Negotiation	2.00	.00	.00	2.00	.00	.00
01079.02.1	Instructing	2.38	.52	.18	2.00	.00	.00
01079.02.1	Service Orientation	2.00	.00	.00	2.13	.35	.13
01079.02.1	Complex Problem Solving	2.63	.52	.18	2.50	.53	.19
01079.02.1	Operations Analysis	1.63	.52	.18	.75	.71	.25
01079.02.1	Technology Design	1.88	.35	.13	1.25	.71	.25
01079.02.1	Equipment Selection	2.75	.46	.16	2.25	.71	.25
01079.02.1	Installation	1.13	.35	.13	.13	.35	.13
01079.02.1	Programming	1.25	.46	.16	.25	.46	.16
01079.02.1	Quality Control Analysis	3.25	.46	.16	2.88	.64	.23
01079.02.1	Operations Monitoring	3.25	.46	.16	3.13	.64	.23
01079.02.1	Operation and Control	3.13	.35	.13	3.00	.00	.00
01079.02.1	Equipment Maintenance	3.13	.35	.13	2.75	.46	.16
01079.02.1	Troubleshooting	3.00	.00	.00	2.75	.46	.16
01079.02.1	Repairing	3.00	.00	.00	2.63	.52	.18
01079.02.1	Systems Analysis	2.25	.46	.16	1.88	.35	.13
01079.02.1	Systems Evaluation	2.13	.35	.13	1.88	.35	.13
01079.02.1	Judg. and Dec. Making	2.63	.52	.18	2.50	.53	.19
01079.02.1	Time Management	2.75	.46	.16	2.63	.52	.18
01079.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
01079.02.1	M. of Material Resources	1.88	.35	.13	.88	.35	.13
01079.02.1	M. of Personnel Resources	2.13	.35	.13	2.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Cutting and Slicing Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01470.02.1	Reading Comprehension	3.13	.35	.13	2.88	.35	.13
01470.02.1	Active Listening	2.88	.35	.13	2.75	.46	.16
01470.02.1	Writing	2.38	.52	.18	2.00	.00	.00
01470.02.1	Speaking	2.63	.52	.18	2.50	.53	.19
01470.02.1	Mathematics	2.63	.52	.18	2.13	.35	.13
01470.02.1	Science	1.50	.53	.19	.50	.53	.19
01470.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
01470.02.1	Active Learning	2.63	.52	.18	2.00	.00	.00
01470.02.1	Learning Strategies	2.13	.35	.13	1.88	.35	.13
01470.02.1	Monitoring	3.25	.46	.16	3.13	.35	.13
01470.02.1	Social Perceptiveness	2.75	.46	.16	2.50	.53	.19
01470.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01470.02.1	Persuasion	2.00	.53	.19	1.63	.74	.26
01470.02.1	Negotiation	2.00	.00	.00	1.63	.52	.18
01470.02.1	Instructing	2.13	.35	.13	2.13	.35	.13
01470.02.1	Service Orientation	2.00	.00	.00	1.75	.46	.16
01470.02.1	Complex Problem Solving	2.88	.64	.23	2.75	.46	.16
01470.02.1	Operations Analysis	1.63	.52	.18	.63	.52	.18
01470.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01470.02.1	Equipment Selection	2.63	.52	.18	2.13	.35	.13
01470.02.1	Installation	1.50	.53	.19	.75	1.04	.37
01470.02.1	Programming	1.88	.35	.13	1.00	.53	.19
01470.02.1	Quality Control Analysis	3.50	.53	.19	3.75	.46	.16
01470.02.1	Operations Monitoring	3.75	.46	.16	3.63	.52	.18
01470.02.1	Operation and Control	3.63	.52	.18	3.50	.53	.19
01470.02.1	Equipment Maintenance	3.00	.00	.00	3.00	.00	.00
01470.02.1	Troubleshooting	3.00	.00	.00	3.00	.00	.00
01470.02.1	Repairing	2.75	.46	.16	2.75	.46	.16
01470.02.1	Systems Analysis	2.63	.52	.18	2.13	.35	.13
01470.02.1	Systems Evaluation	2.25	.46	.16	2.00	.00	.00
01470.02.1	Judg. and Dec. Making	2.75	.46	.16	2.63	.52	.18
01470.02.1	Time Management	2.75	.46	.16	2.38	.52	.18
01470.02.1	M. of Financial Resources	1.63	.52	.18	.75	.71	.25
01470.02.1	M. of Material Resources	1.88	.35	.13	1.13	.64	.23
01470.02.1	M. of Personnel Resources	2.25	.46	.16	2.00	.53	.19

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$



## Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01471.02.1	Reading Comprehension	3.00	.00	.00	2.75	.46	.16
01471.02.1	Active Listening	3.00	.00	.00	2.75	.46	.16
01471.02.1	Writing	2.75	.71	.25	2.38	.74	.26
01471.02.1	Speaking	3.13	.35	.13	2.38	.74	.26
01471.02.1	Mathematics	2.13	.35	.13	2.00	.00	.00
01471.02.1	Science	1.75	.46	.16	.75	.46	.16
01471.02.1	Critical Thinking	3.00	.00	.00	2.75	.46	.16
01471.02.1	Active Learning	2.63	.52	.18	2.13	.35	.13
01471.02.1	Learning Strategies	2.13	.35	.13	2.00	.00	.00
01471.02.1	Monitoring	3.38	.52	.18	3.13	.64	.23
01471.02.1	Social Perceptiveness	2.88	.35	.13	2.13	.35	.13
01471.02.1	Coordination	2.75	.46	.16	2.25	.46	.16
01471.02.1	Persuasion	2.00	.53	.19	1.75	.71	.25
01471.02.1	Negotiation	1.75	.46	.16	1.50	.93	.33
01471.02.1	Instructing	2.25	.46	.16	2.38	.52	.18
01471.02.1	Service Orientation	2.00	.00	.00	1.75	.46	.16
01471.02.1	Complex Problem Solving	2.88	.64	.23	2.75	.46	.16
01471.02.1	Operations Analysis	2.00	.53	.19	1.00	.53	.19
01471.02.1	Technology Design	1.75	.46	.16	.88	.64	.23
01471.02.1	Equipment Selection	2.38	.52	.18	2.13	.35	.13
01471.02.1	Installation	1.88	.35	.13	1.50	.76	.27
01471.02.1	Programming	1.25	.46	.16	.25	.46	.16
01471.02.1	Quality Control Analysis	3.00	.53	.19	3.13	.35	.13
01471.02.1	Operations Monitoring	3.75	.46	.16	3.75	.46	.16
01471.02.1	Operation and Control	3.75	.46	.16	3.63	.52	.18
01471.02.1	Equipment Maintenance	2.63	.52	.18	2.63	.52	.18
01471.02.1	Troubleshooting	3.00	.53	.19	2.88	.35	.13
01471.02.1	Repairing	2.75	.46	.16	2.63	.52	.18
01471.02.1	Systems Analysis	2.25	.46	.16	2.13	.35	.13
01471.02.1	Systems Evaluation	2.13	.35	.13	1.63	.52	.18
01471.02.1	Judg. and Dec. Making	2.88	.35	.13	2.25	.46	.16
01471.02.1	Time Management	2.75	.46	.16	2.25	.71	.25
01471.02.1	M. of Financial Resources	1.63	.52	.18	.63	.52	.18
01471.02.1	M. of Material Resources	1.75	.46	.16	.88	.64	.23
01471.02.1	M. of Personnel Resources	2.13	.64	.23	1.75	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Aircraft Cargo Handling Supervisors

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01481.02.1	Reading Comprehension	3.25	.46	.16	3.00	.00	.00
01481.02.1	Active Listening	3.63	.52	.18	3.00	.00	.00
01481.02.1	Writing	3.13	.35	.13	3.25	.46	.16
01481.02.1	Speaking	3.63	.52	.18	3.13	.35	.13
01481.02.1	Mathematics	3.00	.53	.19	2.88	.35	.13
01481.02.1	Science	1.50	.53	.19	.50	.53	.19
01481.02.1	Critical Thinking	3.75	.46	.16	3.50	.53	.19
01481.02.1	Active Learning	3.00	.00	.00	2.88	.35	.13
01481.02.1	Learning Strategies	3.50	.53	.19	3.63	.52	.18
01481.02.1	Monitoring	3.63	.52	.18	3.88	.35	.13
01481.02.1	Social Perceptiveness	3.25	.46	.16	3.25	.46	.16
01481.02.1	Coordination	3.50	.53	.19	3.50	.53	.19
01481.02.1	Persuasion	2.75	.46	.16	2.75	.46	.16
01481.02.1	Negotiation	2.50	.53	.19	2.50	.53	.19
01481.02.1	Instructing	3.13	.35	.13	3.00	.00	.00
01481.02.1	Service Orientation	2.88	.35	.13	2.63	.52	.18
01481.02.1	Complex Problem Solving	3.13	.35	.13	2.88	.35	.13
01481.02.1	Operations Analysis	1.75	.46	.16	1.50	.93	.33
01481.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01481.02.1	Equipment Selection	1.88	.35	.13	1.63	.74	.26
01481.02.1	Installation	1.13	.35	.13	.13	.35	.13
01481.02.1	Programming	1.63	.52	.18	.63	.52	.18
01481.02.1	Quality Control Analysis	2.63	.52	.18	2.50	.53	.19
01481.02.1	Operations Monitoring	2.75	.46	.16	2.38	.52	.18
01481.02.1	Operation and Control	2.75	.46	.16	2.63	.52	.18
01481.02.1	Equipment Maintenance	2.00	.00	.00	1.88	.35	.13
01481.02.1	Troubleshooting	2.38	.52	.18	2.00	.00	.00
01481.02.1	Repairing	2.00	.00	.00	1.88	.35	.13
01481.02.1	Systems Analysis	3.00	.00	.00	2.75	.46	.16
01481.02.1	Systems Evaluation	2.75	.46	.16	2.63	.52	.18
01481.02.1	Judg. and Dec. Making	3.38	.52	.18	3.00	.00	.00
01481.02.1	Time Management	3.63	.52	.18	3.50	.53	.19
01481.02.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
01481.02.1	M. of Material Resources	2.13	.35	.13	2.00	.00	.00
01481.02.1	M. of Personnel Resources	3.75	.46	.16	3.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Sailors and Marine Oilers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01489.02.1	Reading Comprehension	2.88	.35	.13	3.13	.35	.13
01489.02.1	Active Listening	3.13	.35	.13	3.00	.00	.00
01489.02.1	Writing	2.75	.46	.16	2.88	.35	.13
01489.02.1	Speaking	3.00	.00	.00	3.00	.00	.00
01489.02.1	Mathematics	2.50	.53	.19	2.13	.35	.13
01489.02.1	Science	1.88	.35	.13	1.00	.53	.19
01489.02.1	Critical Thinking	3.13	.35	.13	3.00	.53	.19
01489.02.1	Active Learning	2.88	.35	.13	2.88	.35	.13
01489.02.1	Learning Strategies	2.50	.53	.19	2.63	.52	.18
01489.02.1	Monitoring	3.25	.46	.16	3.13	.35	.13
01489.02.1	Social Perceptiveness	2.88	.35	.13	2.88	.35	.13
01489.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
01489.02.1	Persuasion	2.75	.46	.16	2.63	.52	.18
01489.02.1	Negotiation	2.50	.53	.19	2.50	.53	.19
01489.02.1	Instructing	2.63	.52	.18	3.00	.53	.19
01489.02.1	Service Orientation	2.88	.35	.13	2.88	.35	.13
01489.02.1	Complex Problem Solving	3.00	.00	.00	2.88	.35	.13
01489.02.1	Operations Analysis	1.25	.46	.16	.50	1.07	.38
01489.02.1	Technology Design	1.88	.35	.13	1.38	.74	.26
01489.02.1	Equipment Selection	2.75	.46	.16	2.50	.53	.19
01489.02.1	Installation	1.00	.00	.00	.00	.00	.00
01489.02.1	Programming	1.00	.00	.00	.00	.00	.00
01489.02.1	Quality Control Analysis	3.00	.53	.19	3.13	.35	.13
01489.02.1	Operations Monitoring	3.88	.35	.13	3.75	.46	.16
01489.02.1	Operation and Control	3.63	.74	.26	3.50	.53	.19
01489.02.1	Equipment Maintenance	2.88	.35	.13	3.00	.00	.00
01489.02.1	Troubleshooting	3.13	.35	.13	3.13	.35	.13
01489.02.1	Repairing	3.13	.35	.13	3.13	.35	.13
01489.02.1	Systems Analysis	2.13	.35	.13	2.25	.46	.16
01489.02.1	Systems Evaluation	2.13	.35	.13	2.25	.46	.16
01489.02.1	Judg. and Dec. Making	3.00	.00	.00	3.00	.00	.00
01489.02.1	Time Management	3.00	.00	.00	3.00	.53	.19
01489.02.1	M. of Financial Resources	1.88	.35	.13	1.13	.64	.23
01489.02.1	M. of Material Resources	2.00	.00	.00	1.50	.53	.19
01489.02.1	M. of Personnel Resources	2.75	.46	.16	2.75	.46	.16

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Ship Engineers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01121.02.1	Reading Comprehension	3.25	.46	.16	3.38	.52	.18
01121.02.1	Active Listening	3.50	.53	.19	3.50	.53	.19
01121.02.1	Writing	3.13	.35	.13	2.88	.35	.13
01121.02.1	Speaking	3.50	.53	.19	3.13	.35	.13
01121.02.1	Mathematics	2.13	.35	.13	2.38	.74	.26
01121.02.1	Science	2.50	.53	.19	2.50	.53	.19
01121.02.1	Critical Thinking	3.88	.35	.13	3.75	.46	.16
01121.02.1	Active Learning	3.00	.00	.00	3.13	.35	.13
01121.02.1	Learning Strategies	2.63	.52	.18	2.63	.52	.18
01121.02.1	Monitoring	3.63	.52	.18	3.63	.74	.26
01121.02.1	Social Perceptiveness	2.88	.35	.13	2.75	.46	.16
01121.02.1	Coordination	3.00	.00	.00	3.38	.52	.18
01121.02.1	Persuasion	2.00	.00	.00	2.13	.35	.13
01121.02.1	Negotiation	2.00	.00	.00	2.00	.00	.00
01121.02.1	Instructing	2.75	.46	.16	3.13	.35	.13
01121.02.1	Service Orientation	2.63	.52	.18	2.63	.52	.18
01121.02.1	Complex Problem Solving	3.50	.53	.19	3.38	.52	.18
01121.02.1	Operations Analysis	1.75	.46	.16	1.25	.89	.31
01121.02.1	Technology Design	1.75	.46	.16	.75	.46	.16
01121.02.1	Equipment Selection	3.13	.35	.13	3.00	.53	.19
01121.02.1	Installation	2.38	1.06	.38	2.13	1.64	.58
01121.02.1	Programming	1.75	.46	.16	.75	.46	.16
01121.02.1	Quality Control Analysis	3.13	.35	.13	3.25	.46	.16
01121.02.1	Operations Monitoring	3.88	.35	.13	3.75	.46	.16
01121.02.1	Operation and Control	3.88	.35	.13	3.63	.52	.18
01121.02.1	Equipment Maintenance	3.75	.46	.16	3.63	.52	.18
01121.02.1	Troubleshooting	3.75	.46	.16	3.75	.46	.16
01121.02.1	Repairing	3.63	.52	.18	3.75	.46	.16
01121.02.1	Systems Analysis	3.00	.00	.00	3.00	.00	.00
01121.02.1	Systems Evaluation	2.88	.64	.23	2.88	.64	.23
01121.02.1	Judg. and Dec. Making	3.13	.35	.13	3.25	.46	.16
01121.02.1	Time Management	3.00	.00	.00	3.38	.52	.18
01121.02.1	M. of Financial Resources	1.75	.46	.16	.88	.64	.23
01121.02.1	M. of Material Resources	2.00	.53	.19	1.50	.93	.33
01121.02.1	M. of Personnel Resources	2.88	.35	.13	3.25	.71	.25

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Automotive and Watercraft Service Attendants

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01129.02.1	Reading Comprehension	2.75	.46	.16	2.50	.53	.19
01129.02.1	Active Listening	3.13	.35	.13	2.75	.46	.16
01129.02.1	Writing	2.63	.52	.18	2.38	.52	.18
01129.02.1	Speaking	3.13	.35	.13	2.50	.53	.19
01129.02.1	Mathematics	2.38	.52	.18	1.88	.35	.13
01129.02.1	Science	1.38	.52	.18	.38	.52	.18
01129.02.1	Critical Thinking	3.00	.00	.00	2.88	.35	.13
01129.02.1	Active Learning	2.50	.53	.19	2.00	.00	.00
01129.02.1	Learning Strategies	2.25	.46	.16	2.00	.00	.00
01129.02.1	Monitoring	2.75	.46	.16	2.38	.74	.26
01129.02.1	Social Perceptiveness	2.88	.35	.13	2.25	.46	.16
01129.02.1	Coordination	3.00	.00	.00	2.63	.52	.18
01129.02.1	Persuasion	2.63	.52	.18	2.25	.46	.16
01129.02.1	Negotiation	2.63	.52	.18	2.13	.35	.13
01129.02.1	Instructing	2.25	.46	.16	2.00	.53	.19
01129.02.1	Service Orientation	3.13	.35	.13	3.00	.00	.00
01129.02.1	Complex Problem Solving	3.00	.53	.19	2.25	.71	.25
01129.02.1	Operations Analysis	1.25	.46	.16	.25	.46	.16
01129.02.1	Technology Design	1.63	.52	.18	.63	.52	.18
01129.02.1	Equipment Selection	2.38	.52	.18	2.00	.00	.00
01129.02.1	Installation	2.00	.76	.27	1.38	1.06	.38
01129.02.1	Programming	1.13	.35	.13	.13	.35	.13
01129.02.1	Quality Control Analysis	2.63	.52	.18	2.25	.46	.16
01129.02.1	Operations Monitoring	2.75	.46	.16	2.13	.35	.13
01129.02.1	Operation and Control	3.13	.35	.13	2.63	.52	.18
01129.02.1	Equipment Maintenance	3.00	.53	.19	2.50	.53	.19
01129.02.1	Troubleshooting	2.50	.53	.19	2.25	.46	.16
01129.02.1	Repairing	3.00	.53	.19	2.88	.35	.13
01129.02.1	Systems Analysis	2.13	.35	.13	2.00	.00	.00
01129.02.1	Systems Evaluation	2.13	.35	.13	2.13	.35	.13
01129.02.1	Judg. and Dec. Making	3.00	.53	.19	2.13	.35	.13
01129.02.1	Time Management	3.13	.64	.23	2.38	.52	.18
01129.02.1	M. of Financial Resources	1.88	.35	.13	1.13	.64	.23
01129.02.1	M. of Material Resources	1.88	.35	.13	1.13	.64	.23
01129.02.1	M. of Personnel Resources	2.13	.35	.13	2.00	.00	.00

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Traffic Technicians

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
00404.02.1	Reading Comprehension	3.25	.46	.16	4.00	.00	.00
00404.02.1	Active Listening	3.63	.52	.18	3.63	.52	.18
00404.02.1	Writing	3.13	.35	.13	3.25	.46	.16
00404.02.1	Speaking	3.25	.46	.16	3.38	.52	.18
00404.02.1	Mathematics	2.88	.35	.13	3.13	.35	.13
00404.02.1	Science	2.75	.46	.16	2.88	.35	.13
00404.02.1	Critical Thinking	3.25	.46	.16	3.50	.53	.19
00404.02.1	Active Learning	3.00	.00	.00	3.13	.35	.13
00404.02.1	Learning Strategies	2.63	.52	.18	2.88	.35	.13
00404.02.1	Monitoring	3.13	.35	.13	3.13	.35	.13
00404.02.1	Social Perceptiveness	3.00	.00	.00	3.00	.00	.00
00404.02.1	Coordination	3.00	.00	.00	3.00	.00	.00
00404.02.1	Persuasion	2.88	.35	.13	2.88	.35	.13
00404.02.1	Negotiation	2.75	.46	.16	2.88	.35	.13
00404.02.1	Instructing	2.88	.35	.13	2.88	.35	.13
00404.02.1	Service Orientation	2.88	.35	.13	2.88	.64	.23
00404.02.1	Complex Problem Solving	3.25	.46	.16	3.63	.52	.18
00404.02.1	Operations Analysis	2.88	.64	.23	3.38	.52	.18
00404.02.1	Technology Design	2.13	.35	.13	1.38	.74	.26
00404.02.1	Equipment Selection	2.00	.00	.00	1.25	.46	.16
00404.02.1	Installation	1.13	.35	.13	.13	.35	.13
00404.02.1	Programming	2.00	.53	.19	1.25	.89	.31
00404.02.1	Quality Control Analysis	2.38	.52	.18	2.50	.53	.19
00404.02.1	Operations Monitoring	2.88	.35	.13	2.75	.46	.16
00404.02.1	Operation and Control	2.75	.46	.16	2.75	.46	.16
00404.02.1	Equipment Maintenance	2.00	.00	.00	1.00	.00	.00
00404.02.1	Troubleshooting	2.13	.35	.13	2.00	.00	.00
00404.02.1	Repairing	1.88	.35	.13	1.00	.53	.19
00404.02.1	Systems Analysis	3.00	.00	.00	3.50	.53	.19
00404.02.1	Systems Evaluation	3.00	.00	.00	3.25	.46	.16
00404.02.1	Judg. and Dec. Making	3.25	.46	.16	3.13	.35	.13
00404.02.1	Time Management	3.00	.00	.00	3.13	.35	.13
00404.02.1	M. of Financial Resources	2.00	.00	.00	1.13	.35	.13
00404.02.1	M. of Material Resources	2.00	.00	.00	1.13	.35	.13
00404.02.1	M. of Personnel Resources	3.00	.00	.00	2.88	.35	.13

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$

## Machine Feeders and Offbearers

IDI Code	Element Name	Mean Imp	SD Imp	SEM Imp	Mean Level	SD Level	SEM Level
01163.02.1	Reading Comprehension	2.75	.46	.16	2.88	.35	.13
01163.02.1	Active Listening	2.75	.46	.16	2.63	.52	.18
01163.02.1	Writing	2.38	.52	.18	2.00	.00	.00
01163.02.1	Speaking	2.75	.46	.16	2.63	.52	.18
01163.02.1	Mathematics	2.13	.35	.13	1.63	.52	.18
01163.02.1	Science	1.25	.46	.16	.38	.74	.26
01163.02.1	Critical Thinking	2.50	.53	.19	2.63	.52	.18
01163.02.1	Active Learning	2.00	.00	.00	2.00	.00	.00
01163.02.1	Learning Strategies	2.00	.00	.00	1.75	.46	.16
01163.02.1	Monitoring	3.00	.00	.00	2.88	.35	.13
01163.02.1	Social Perceptiveness	2.50	.53	.19	2.13	.35	.13
01163.02.1	Coordination	2.50	.53	.19	2.00	.53	.19
01163.02.1	Persuasion	2.00	.00	.00	1.88	.64	.23
01163.02.1	Negotiation	1.88	.35	.13	1.63	.92	.32
01163.02.1	Instructing	2.00	.00	.00	1.88	.35	.13
01163.02.1	Service Orientation	2.00	.00	.00	1.88	.64	.23
01163.02.1	Complex Problem Solving	2.00	.00	.00	2.13	.35	.13
01163.02.1	Operations Analysis	1.25	.46	.16	.38	.74	.26
01163.02.1	Technology Design	1.00	.00	.00	.00	.00	.00
01163.02.1	Equipment Selection	1.63	.52	.18	.88	.83	.30
01163.02.1	Installation	1.00	.00	.00	.00	.00	.00
01163.02.1	Programming	1.00	.00	.00	.00	.00	.00
01163.02.1	Quality Control Analysis	2.75	.46	.16	2.50	.53	.19
01163.02.1	Operations Monitoring	3.38	.74	.26	3.38	.74	.26
01163.02.1	Operation and Control	2.63	.52	.18	2.50	.76	.27
01163.02.1	Equipment Maintenance	1.88	.64	.23	1.25	.89	.31
01163.02.1	Troubleshooting	2.75	.46	.16	2.00	.00	.00
01163.02.1	Repairing	1.75	.46	.16	1.25	.89	.31
01163.02.1	Systems Analysis	1.63	.52	.18	.88	.83	.30
01163.02.1	Systems Evaluation	2.00	.00	.00	1.38	.52	.18
01163.02.1	Judg. and Dec. Making	2.50	.53	.19	2.25	.46	.16
01163.02.1	Time Management	2.50	.53	.19	2.50	.76	.27
01163.02.1	M. of Financial Resources	1.75	.46	.16	.75	.46	.16
01163.02.1	M. of Material Resources	1.88	.35	.13	.88	.35	.13
01163.02.1	M. of Personnel Resources	1.88	.35	.13	1.38	.74	.26

Note: Shaded elements indicate a nonrelevant level & shaded numeric values indicate a  $SE_M > .51$





## Appendix C

### Summary of Cycle 17 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 SE <sub>MS</sub>	Mean of Ms	Median of SDs	Median of SE <sub>MS</sub>
Sales Managers	2.92	0.46	0.16	2.84	0.35	0.13
Computer and Information Systems Managers	3.04	0.46	0.16	3.08	0.52	0.18
Biofuels Production Managers	2.94	0.64	0.23	2.99	0.76	0.27
Hydroelectric Production Managers	3.20	0.53	0.19	3.26	0.71	0.25
Aquacultural Managers	3.04	0.46	0.16	3.04	0.46	0.16
Medical and Health Services Managers	3.00	0.46	0.16	2.83	0.35	0.13
Postmasters and Mail Superintendents	2.84	0.46	0.16	2.52	0.46	0.16
Wind Energy Operations Managers	2.92	0.53	0.19	3.03	0.71	0.25
Wind Energy Project Managers	2.79	0.52	0.18	2.74	0.64	0.23
Insurance Appraisers, Auto Damage	2.43	0.52	0.18	2.17	0.46	0.16
Government Property Inspectors and Investigators	2.78	0.46	0.16	2.63	0.52	0.18
Cost Estimators	2.62	0.46	0.16	2.52	0.46	0.16
Logisticians	2.80	0.46	0.16	2.74	0.46	0.16
Management Analysts	2.79	0.35	0.13	2.56	0.46	0.16
Meeting, Convention, and Event Planners	2.87	0.46	0.16	2.63	0.52	0.18
Energy Auditors	2.81	0.46	0.16	2.67	0.52	0.18
Auditors	2.69	0.35	0.13	2.66	0.46	0.16
Budget Analysts	2.55	0.46	0.16	2.32	0.46	0.16
Financial Analysts	2.49	0.46	0.16	2.27	0.52	0.18
Loan Counselors	2.59	0.46	0.16	2.29	0.52	0.18
Software Developers, Applications	2.86	0.35	0.13	3.16	0.52	0.18
Database Administrators	2.80	0.52	0.18	2.98	0.53	0.19
Software Quality Assurance Engineers and Testers	2.74	0.46	0.16	2.70	0.46	0.16
Geospatial Information Scientists and Technologists	2.73	0.46	0.16	2.62	0.46	0.16
Clinical Data Managers	2.76	0.46	0.16	2.74	0.52	0.18
Geodetic Surveyors	2.85	0.35	0.13	2.95	0.46	0.16
Product Safety Engineers	2.78	0.46	0.16	2.61	0.52	0.18
Marine Engineers	3.13	0.46	0.16	3.51	0.52	0.18
Biochemical Engineers	2.99	0.35	0.13	3.06	0.46	0.16
Energy Engineers	2.91	0.35	0.13	2.92	0.46	0.16
Microsystems Engineers	3.07	0.64	0.23	3.22	0.83	0.30
Automotive Engineering Technicians	2.80	0.53	0.19	2.80	0.64	0.23
Non-Destructive Testing Specialists	2.83	0.46	0.16	2.70	0.52	0.18
Nanotechnology Engineering Technicians	2.85	0.71	0.25	2.86	0.53	0.19
Animal Scientists	2.87	0.35	0.13	2.81	0.52	0.18
Molecular and Cellular Biologists	3.07	0.35	0.13	3.39	0.46	0.16
Geneticists	2.90	0.46	0.16	2.85	0.46	0.16

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SE <sub>MS</sub>	Mean of Ms	Median of SDs	Median of SE <sub>MS</sub>
Park Naturalists	2.74	0.46	0.16	2.47	0.35	0.13
Epidemiologists	2.92	0.46	0.16	2.86	0.53	0.19
Remote Sensing Scientists and Technologists	2.82	0.35	0.13	2.85	0.46	0.16
Sociologists	2.69	0.35	0.13	2.56	0.35	0.13
Geographers	2.65	0.35	0.13	2.54	0.46	0.16
Environmental Science and Protection Technicians, Including Health	2.87	0.46	0.16	2.83	0.35	0.13
Precision Agriculture Technicians	2.88	0.46	0.16	2.80	0.52	0.18
Lawyers	2.81	0.35	0.13	2.64	0.46	0.16
Graduate Teaching Assistants	2.41	0.35	0.13	2.13	0.46	0.16
Craft Artists	2.37	0.35	0.13	2.05	0.46	0.16
Graphic Designers	2.39	0.35	0.13	2.12	0.46	0.16
Athletes and Sports Competitors	2.47	0.35	0.13	2.04	0.35	0.13
Musicians, Instrumental	2.24	0.35	0.13	1.91	0.35	0.13
Radio and Television Announcers	2.47	0.46	0.16	2.16	0.46	0.16
Public Address System and Other Announcers	2.18	0.46	0.16	1.72	0.46	0.16
Preventive Medicine Physicians	2.97	0.46	0.16	3.11	0.53	0.19
Recreational Therapists	2.78	0.46	0.16	2.53	0.52	0.18
Orthoptists	2.58	0.35	0.13	2.53	0.35	0.13
Orderlies	2.02	0.46	0.16	1.34	0.64	0.23
Endoscopy Technicians	2.61	0.52	0.18	2.32	0.46	0.16
First-Line Supervisors of Police and Detectives	2.96	0.46	0.16	2.84	0.35	0.13
Correctional Officers and Jailers	2.53	0.46	0.16	2.15	0.52	0.18
Police Detectives	2.73	0.46	0.16	2.44	0.46	0.16
Parking Enforcement Workers	2.36	0.46	0.16	1.92	0.46	0.16
Police Patrol Officers	2.61	0.46	0.16	2.44	0.35	0.13
Security Guards	2.19	0.46	0.16	1.63	0.46	0.16
Crossing Guards	1.86	0.46	0.16	1.16	0.52	0.18
Cooks, Private Household	2.36	0.46	0.16	2.03	0.46	0.16
Costume Attendants	2.17	0.35	0.13	1.74	0.46	0.16
Hairdressers, Hairstylists, and Cosmetologists	2.43	0.46	0.16	1.98	0.46	0.16
Travel Agents	2.46	0.35	0.13	1.99	0.46	0.16
Demonstrators and Product Promoters	2.35	0.35	0.13	2.06	0.35	0.13
Payroll and Timekeeping Clerks	2.13	0.46	0.16	1.73	0.35	0.13
Correspondence Clerks	2.33	0.46	0.16	1.89	0.46	0.16
Eligibility Interviewers, Government Programs	2.34	0.35	0.13	1.90	0.35	0.13
Order Clerks	2.43	0.46	0.16	1.90	0.46	0.16
Couriers and Messengers	2.20	0.46	0.16	1.64	0.52	0.18

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SE <sub>MS</sub>	Mean of Ms	Median of SDs	Median of SE <sub>MS</sub>
Police, Fire, and Ambulance Dispatchers	2.60	0.46	0.16	2.27	0.35	0.13
Meter Readers, Utilities	2.36	0.46	0.16	1.93	0.52	0.18
Postal Service Clerks	2.22	0.35	0.13	1.76	0.46	0.16
Postal Service Mail Carriers	1.90	0.35	0.13	1.36	0.35	0.13
Postal Service Mail Sorters, Processors, and Processing Machine Operators	2.13	0.35	0.13	1.59	0.52	0.18
Mail Clerks and Mail Machine Operators, Except Postal Service	2.21	0.35	0.13	1.74	0.46	0.16
Proofreaders and Copy Markers	1.93	0.46	0.16	1.33	0.46	0.16
Nursery Workers	2.04	0.46	0.16	1.58	0.53	0.19
Hunters and Trappers	2.26	0.46	0.16	1.86	0.53	0.19
Drywall and Ceiling Tile Installers	2.19	0.46	0.16	1.82	0.64	0.23
Continuous Mining Machine Operators	2.51	0.46	0.16	2.23	0.52	0.18
Electronic Equipment Installers and Repairers, Motor Vehicles	2.78	0.46	0.16	2.56	0.35	0.13
Farm Equipment Mechanics and Service Technicians	2.78	0.46	0.16	2.52	0.52	0.18
Bicycle Repairers	2.75	0.46	0.16	2.34	0.46	0.16
Musical Instrument Repairers and Tuners	2.76	0.46	0.16	2.54	0.35	0.13
Butchers and Meat Cutters	2.36	0.46	0.16	2.05	0.35	0.13
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	2.83	0.46	0.16	2.77	0.46	0.16
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	2.41	0.46	0.16	2.11	0.46	0.16
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2.54	0.46	0.16	2.14	0.52	0.18
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2.40	0.46	0.16	1.99	0.46	0.16
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	2.45	0.46	0.16	2.10	0.46	0.16
Model Makers, Metal and Plastic	2.55	0.46	0.16	2.30	0.52	0.18
Foundry Mold and Coremakers	2.11	0.52	0.18	1.54	0.64	0.23
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	2.43	0.46	0.16	2.08	0.46	0.16
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	2.53	0.35	0.13	2.34	0.46	0.16
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	2.38	0.35	0.13	2.06	0.46	0.16
Tool Grinders, Filers, and Sharpeners	2.57	0.46	0.16	2.28	0.46	0.16
Prepress Technicians and Workers	2.49	0.46	0.16	2.18	0.46	0.16
Fabric and Apparel Patternmakers	2.58	0.35	0.13	2.34	0.35	0.13

Occupation Title	Importance			Level		
	Mean of <i>Ms</i>	Median of <i>SDs</i>	Median of <i>SE<sub>MS</sub></i>	Mean of <i>Ms</i>	Median of <i>SDs</i>	Median of <i>SE<sub>MS</sub></i>
Upholsterers	2.51	0.46	0.16	2.27	0.46	0.16
Biofuels Processing Technicians	2.80	0.53	0.19	2.69	0.64	0.23
Hydroelectric Plant Technicians	2.86	0.53	0.19	2.80	0.64	0.23
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	2.67	0.46	0.16	2.47	0.35	0.13
Grinding and Polishing Workers, Hand	2.38	0.35	0.13	2.07	0.46	0.16
Cutting and Slicing Machine Setters, Operators, and Tenders	2.51	0.46	0.16	2.17	0.46	0.16
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	2.49	0.46	0.16	2.10	0.46	0.16
Aircraft Cargo Handling Supervisors	2.75	0.46	0.16	2.47	0.46	0.16
Sailors and Marine Oilers	2.63	0.35	0.13	2.47	0.35	0.13
Ship Engineers	2.89	0.46	0.16	2.80	0.52	0.18
Automotive and Watercraft Service Attendants	2.49	0.46	0.16	2.00	0.46	0.16
Traffic Technicians	2.71	0.35	0.13	2.61	0.35	0.13
Machine Feeders and Offbearers	2.10	0.46	0.16	1.69	0.52	0.18



## Appendix D

### Cycle 17 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
00009.03.1	Sales Managers	0.99	0.99
00016.03.1	Computer and Information Systems Managers	0.97	0.97
01536.01.1	Biofuels Production Managers	0.94	0.95
01539.01.1	Hydroelectric Production Managers	0.90	0.91
00669.02.1	Aquacultural Managers	0.96	0.97
00021.03.1	Medical and Health Services Managers	0.99	0.99
00017.02.1	Postmasters and Mail Superintendents	0.98	0.98
01554.01.1	Wind Energy Operations Managers	0.94	0.94
01555.01.1	Wind Energy Project Managers	0.96	0.97
00460.02.1	Insurance Appraisers, Auto Damage	0.97	0.97
00081.02.1	Government Property Inspectors and Investigators	0.98	0.98
00071.03.1	Cost Estimators	0.98	0.99
01193.02.1	Logisticians	0.98	0.99
00072.02.1	Management Analysts	0.99	0.99
00097.03.1	Meeting, Convention, and Event Planners	0.98	0.98
01560.02.1	Energy Auditors	0.97	0.96
00052.03.1	Auditors	0.99	0.99
00054.03.1	Budget Analysts	0.98	0.99
00202.02.1	Financial Analysts	0.97	0.98
01197.02.1	Loan Counselors	0.98	0.99
01201.03.1	Software Developers, Applications	0.96	0.97
00193.03.1	Database Administrators	0.95	0.97
01517.02.1	Software Quality Assurance Engineers and Testers	0.96	0.98
01571.02.1	Geospatial Information Scientists and Technologists	0.98	0.99
01581.02.1	Clinical Data Managers	0.98	0.98
01582.02.1	Geodetic Surveyors	0.97	0.98
00118.02.1	Product Safety Engineers	0.98	0.98
00120.02.1	Marine Engineers	0.93	0.95
01589.02.1	Biochemical Engineers	0.97	0.98
01591.02.1	Energy Engineers	0.98	0.99
01594.01.1	Microsystems Engineers	0.89	0.89
01601.01.1	Automotive Engineering Technicians	0.84	0.78
01602.02.1	Non-Destructive Testing Specialists	0.95	0.96
01613.01.1	Nanotechnology Engineering Technicians	0.89	0.90
00162.03.1	Animal Scientists	0.98	0.99
01615.02.1	Molecular and Cellular Biologists	0.98	0.99



<b>IDI Code</b>	<b>Occupation Title</b>	<b>Importance</b>	<b>Level</b>
01616.02.1	Geneticists	0.98	0.99
00161.02.1	Park Naturalists	0.98	0.97
01223.03.1	Epidemiologists	0.99	0.99
01620.02.1	Remote Sensing Scientists and Technologists	0.98	0.99
00218.02.1	Sociologists	0.99	0.99
00154.03.1	Geographers	0.99	0.99
00184.03.1	Environmental Science and Protection Technicians, Including Health	0.96	0.97
01625.02.1	Precision Agriculture Technicians	0.95	0.95
00237.03.1	Lawyers	0.99	0.99
00244.02.1	Graduate Teaching Assistants	0.98	0.99
01296.02.1	Craft Artists	0.95	0.96
00368.03.1	Graphic Designers	0.97	0.98
00398.02.1	Athletes and Sports Competitors	0.97	0.97
00384.02.1	Musicians, Instrumental	0.98	0.99
00358.02.1	Radio and Television Announcers	0.98	0.99
00359.02.1	Public Address System and Other Announcers	0.97	0.98
01638.02.1	Preventive Medicine Physicians	0.99	0.99
00310.03.1	Recreational Therapists	0.98	0.99
01651.02.1	Orthoptists	0.98	0.99
01705.01.1	Orderlies	0.95	0.95
01661.02.1	Endoscopy Technicians	0.95	0.97
00531.03.1	First-Line Supervisors of Police and Detectives	0.98	0.99
00550.03.1	Correctional Officers and Jailers	0.98	0.99
00546.03.1	Police Detectives	0.98	0.98
00551.02.1	Parking Enforcement Workers	0.96	0.97
00548.03.1	Police Patrol Officers	0.98	0.99
00561.03.1	Security Guards	0.96	0.98
00560.02.1	Crossing Guards	0.96	0.97
01345.02.1	Cooks, Private Household	0.96	0.98
00615.02.1	Costume Attendants	0.96	0.97
00602.02.1	Hairdressers, Hairstylists, and Cosmetologists	0.97	0.97
00422.02.1	Travel Agents	0.98	0.99
00442.02.1	Demonstrators and Product Promoters	0.98	0.99
00495.03.1	Payroll and Timekeeping Clerks	0.97	0.98
00485.02.1	Correspondence Clerks	0.98	0.99
01381.02.1	Eligibility Interviewers, Government Programs	0.99	0.99

<b>IDI Code</b>	<b>Occupation Title</b>	<b>Importance</b>	<b>Level</b>
00487.02.1	Order Clerks	0.98	0.98
00514.02.1	Couriers and Messengers	0.95	0.96
00515.03.1	Police, Fire, and Ambulance Dispatchers	0.98	0.99
00519.02.1	Meter Readers, Utilities	0.93	0.95
00513.02.1	Postal Service Clerks	0.98	0.98
00512.02.1	Postal Service Mail Carriers	0.98	0.98
01384.02.1	Postal Service Mail Sorters, Processors, and Processing Machine Operators	0.96	0.97
01387.02.1	Mail Clerks and Mail Machine Operators, Except Postal Service	0.95	0.97
00475.02.1	Proofreaders and Copy Markers	0.97	0.98
00640.02.1	Nursery Workers	0.92	0.94
00663.02.1	Hunters and Trappers	0.93	0.95
01401.02.1	Drywall and Ceiling Tile Installers	0.93	0.95
00841.02.1	Continuous Mining Machine Operators	0.96	0.96
01417.02.1	Electronic Equipment Installers and Repairers, Motor Vehicles	0.91	0.93
00714.02.1	Farm Equipment Mechanics and Service Technicians	0.95	0.96
00767.02.1	Bicycle Repairers	0.95	0.96
01425.02.1	Musical Instrument Repairers and Tuners	0.95	0.96
00574.02.1	Butchers and Meat Cutters	0.95	0.97
00197.02.1	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	0.94	0.96
00948.02.1	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	0.93	0.96
01437.02.1	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0.95	0.96
00937.02.1	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0.94	0.96
00939.02.1	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	0.92	0.96
00852.02.1	Model Makers, Metal and Plastic	0.94	0.95
00908.02.1	Foundry Mold and Coremakers	0.90	0.92
01438.02.1	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	0.95	0.96
01442.02.1	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	0.96	0.97
01443.02.1	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	0.96	0.96
00851.02.1	Tool Grinders, Filers, and Sharpeners	0.95	0.96
01446.02.1	Prepress Technicians and Workers	0.94	0.96

<b>IDI Code</b>	<b>Occupation Title</b>	<b>Importance</b>	<b>Level</b>
00874.02.1	Fabric and Apparel Patternmakers	0.96	0.97
00879.02.1	Upholsterers	0.94	0.96
01679.01.1	Biofuels Processing Technicians	0.92	0.94
01682.01.1	Hydroelectric Plant Technicians	0.89	0.89
01468.02.1	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	0.95	0.97
01079.02.1	Grinding and Polishing Workers, Hand	0.95	0.97
01470.02.1	Cutting and Slicing Machine Setters, Operators, and Tenders	0.95	0.97
01471.02.1	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	0.94	0.96
01481.02.1	Aircraft Cargo Handling Supervisors	0.96	0.98
01489.02.1	Sailors and Marine Oilers	0.97	0.97
01121.02.1	Ship Engineers	0.96	0.96
01129.02.1	Automotive and Watercraft Service Attendants	0.94	0.95
00404.02.1	Traffic Technicians	0.95	0.98
01163.02.1	Machine Feeders and Offbearers	0.94	0.95