

Appendix C

Summary of Cycle 27 Interrater Agreement Indices

Explanation of Column Titles:

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

Importance

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

Level

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

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Advertising and Promotions Managers	2.27	0.35	0.13	1.85	0.35	0.13
Marketing Managers	2.28	0.35	0.13	1.86	0.35	0.13
Public Relations Managers	2.23	0.46	0.16	1.77	0.53	0.19
Treasurers and Controllers	2.20	0.00	0.00	1.83	0.35	0.13
Education and Childcare Administrators, Preschool and Daycare	2.42	0.35	0.13	2.02	0.35	0.13
Education Administrators, Kindergarten through Secondary	2.38	0.35	0.13	1.98	0.00	0.00
Entertainment and Recreation Managers, Except Gambling	2.30	0.35	0.13	1.87	0.46	0.16
Property, Real Estate, and Community Association Managers	2.15	0.46	0.16	1.69	0.46	0.16
Spa Managers	2.24	0.46	0.16	1.85	0.46	0.16
Buyers and Purchasing Agents, Farm Products	2.07	0.35	0.13	1.63	0.35	0.13
Wholesale and Retail Buyers, Except Farm Products	2.16	0.35	0.13	1.73	0.46	0.16
Regulatory Affairs Specialists	2.15	0.18	0.06	1.78	0.35	0.13
Customs Brokers	2.16	0.00	0.00	1.63	0.00	0.00
Farm Labor Contractors	2.23	0.35	0.13	2.01	0.46	0.16
Project Management Specialists	2.23	0.52	0.18	1.74	0.53	0.19
Market Research Analysts and Marketing Specialists	2.20	0.35	0.13	1.81	0.46	0.16
Accountants and Auditors	2.23	0.46	0.16	1.81	0.53	0.19
Credit Counselors	2.07	0.00	0.00	1.55	0.00	0.00
Fraud Examiners, Investigators and Analysts	2.23	0.35	0.13	1.80	0.35	0.13
Telecommunications Engineering Specialists	2.41	0.46	0.16	2.17	0.52	0.18
Network and Computer Systems Administrators	2.38	0.35	0.13	2.10	0.35	0.13
Web and Digital Interface Designers	2.12	0.52	0.18	1.71	0.64	0.23
Geographic Information Systems Technologists and Technicians	2.23	0.52	0.18	1.81	0.49	0.17
Penetration Testers	2.28	0.52	0.18	1.92	0.64	0.23
Digital Forensics Analysts	2.25	0.52	0.18	1.89	0.71	0.25
Blockchain Engineers	2.28	0.46	0.16	1.91	0.71	0.25

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Actuaries	2.23	0.00	0.00	1.89	0.18	0.06
Data Scientists	2.30	0.46	0.16	1.93	0.52	0.18
Architects, Except Landscape and Naval	2.49	0.35	0.13	2.25	0.35	0.13
Aerospace Engineers	2.35	0.00	0.00	2.08	0.00	0.00
Materials Engineers	2.40	0.35	0.13	2.20	0.46	0.16
Energy Engineers, Except Wind and Solar	2.28	0.18	0.06	1.93	0.35	0.13
Architectural and Civil Drafters	2.27	0.46	0.16	1.87	0.53	0.19
Mechanical Drafters	2.20	0.35	0.13	1.91	0.35	0.13
Electrical and Electronic Engineering Technologists and Technicians	2.58	0.53	0.19	2.38	0.76	0.27
Industrial Engineering Technologists and Technicians	2.45	0.35	0.13	2.19	0.35	0.13
Surveying and Mapping Technicians	2.55	0.52	0.18	2.30	0.71	0.25
Zoologists and Wildlife Biologists	2.65	0.00	0.00	2.58	0.35	0.13
Bioinformatics Scientists	2.34	0.35	0.13	2.08	0.49	0.17
Range Managers	2.53	0.41	0.14	2.35	0.52	0.18
Park Naturalists	2.56	0.35	0.13	2.41	0.35	0.13
Foresters	2.73	0.35	0.13	2.68	0.35	0.13
Physicists	2.52	0.35	0.13	2.47	0.46	0.16
Geoscientists, Except Hydrologists and Geographers	2.65	0.35	0.13	2.40	0.35	0.13
Hydrologists	2.63	0.35	0.13	2.47	0.35	0.13
School Psychologists	2.27	0.46	0.16	1.86	0.46	0.16
Biological Technicians	2.54	0.35	0.13	2.31	0.35	0.13
Substance Abuse and Behavioral Disorder Counselors	2.31	0.46	0.16	1.91	0.52	0.18
Marriage and Family Therapists	2.16	0.00	0.00	1.73	0.00	0.00
Rehabilitation Counselors	2.10	0.35	0.13	1.63	0.35	0.13
Community Health Workers	2.38	0.35	0.13	2.08	0.52	0.18
Administrative Law Judges, Adjudicators, and Hearing Officers	2.20	0.35	0.13	1.80	0.35	0.13
Title Examiners, Abstractors, and Searchers	1.99	0.35	0.13	1.43	0.18	0.06
Law Teachers, Postsecondary	2.13	0.00	0.00	1.73	0.00	0.00
Communications Teachers, Postsecondary	2.07	0.00	0.00	1.65	0.00	0.00

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Career/Technical Education Teachers, Middle School	2.41	0.35	0.13	2.04	0.46	0.16
Special Education Teachers, Preschool	2.41	0.35	0.13	2.13	0.35	0.13
Special Education Teachers, Kindergarten	2.35	0.52	0.18	1.92	0.59	0.21
Special Education Teachers, Middle School	2.32	0.35	0.13	1.88	0.35	0.13
Adapted Physical Education Specialists	2.62	0.35	0.13	2.47	0.35	0.13
Museum Technicians and Conservators	2.55	0.46	0.16	2.34	0.52	0.18
Librarians and Media Collections Specialists	2.27	0.35	0.13	1.84	0.35	0.13
Floral Designers	2.41	0.35	0.13	1.96	0.41	0.14
Actors	2.26	0.41	0.14	1.91	0.46	0.16
Disc Jockeys, Except Radio	2.50	0.52	0.18	2.18	0.73	0.26
News Analysts, Reporters, and Journalists	2.40	0.52	0.18	2.01	0.71	0.25
Editors	2.31	0.18	0.06	1.90	0.35	0.13
Writers and Authors	2.04	0.18	0.06	1.52	0.18	0.06
Court Reporters and Simultaneous Captioners	2.14	0.46	0.16	1.61	0.46	0.16
Broadcast Technicians	2.56	0.46	0.16	2.35	0.46	0.16
Chiropractors	2.58	0.46	0.16	2.41	0.46	0.16
Dentists, General	2.84	0.41	0.14	2.86	0.46	0.16
Oral and Maxillofacial Surgeons	2.85	0.35	0.13	2.95	0.35	0.13
Pharmacists	2.41	0.35	0.13	2.13	0.35	0.13
Anesthesiologist Assistants	2.77	0.46	0.16	2.67	0.46	0.16
Respiratory Therapists	2.68	0.46	0.16	2.54	0.46	0.16
Exercise Physiologists	2.57	0.35	0.13	2.43	0.35	0.13
Art Therapists	2.41	0.35	0.13	2.05	0.35	0.13
Anesthesiologists	2.82	0.35	0.13	2.71	0.35	0.13
Psychiatrists	2.37	0.35	0.13	2.03	0.35	0.13
Physical Medicine and Rehabilitation Physicians	2.59	0.35	0.13	2.47	0.35	0.13
Sports Medicine Physicians	2.67	0.46	0.16	2.57	0.49	0.17
Orthoptists	2.40	0.35	0.13	2.14	0.46	0.16
Cytogenetic Technologists	2.43	0.35	0.13	2.13	0.41	0.14
Medical and Clinical Laboratory Technicians	2.51	0.35	0.13	2.31	0.35	0.13
Diagnostic Medical Sonographers	2.65	0.35	0.13	2.41	0.46	0.16

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Radiologic Technologists and Technicians	2.69	0.35	0.13	2.48	0.35	0.13
Paramedics	2.82	0.71	0.25	2.71	0.86	0.30
Surgical Technologists	2.69	0.35	0.13	2.58	0.35	0.13
Medical Records Specialists	2.14	0.52	0.18	1.63	0.67	0.24
Patient Representatives	2.17	0.35	0.13	1.69	0.35	0.13
Genetic Counselors	2.17	0.00	0.00	1.82	0.00	0.00
Home Health Aides	2.48	0.35	0.13	2.27	0.35	0.13
Massage Therapists	2.30	0.35	0.13	1.96	0.35	0.13
Phlebotomists	2.37	0.35	0.13	2.06	0.35	0.13
First-Line Supervisors of Firefighting and Prevention Workers	3.00	0.35	0.13	2.99	0.35	0.13
Firefighters	3.26	0.46	0.16	3.37	0.46	0.16
Detectives and Criminal Investigators	2.96	0.49	0.17	2.89	0.46	0.16
Fish and Game Wardens	2.84	0.35	0.13	2.81	0.35	0.13
Parking Enforcement Workers	2.38	0.46	0.16	2.11	0.53	0.19
Police and Sheriff's Patrol Officers	3.11	0.46	0.16	3.10	0.35	0.13
School Bus Monitors	2.24	0.49	0.17	1.79	0.71	0.25
Cooks, Fast Food	2.18	0.35	0.13	1.76	0.52	0.18
Baristas	2.36	0.46	0.16	2.00	0.49	0.17
Landscaping and Groundskeeping Workers	2.29	0.46	0.16	2.02	0.53	0.19
Pesticide Handlers, Sprayers, and Applicators, Vegetation	2.52	0.35	0.13	2.30	0.35	0.13
First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	2.30	0.46	0.16	1.90	0.52	0.18
Ushers, Lobby Attendants, and Ticket Takers	2.11	0.35	0.13	1.57	0.35	0.13
Locker Room, Coatroom, and Dressing Room Attendants	1.91	0.41	0.14	1.30	0.46	0.16
Barbers	2.25	0.35	0.13	1.78	0.35	0.13
Advertising Sales Agents	2.16	0.35	0.13	1.75	0.35	0.13
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	2.10	0.52	0.18	1.66	0.64	0.23
Real Estate Brokers	2.08	0.46	0.16	1.59	0.41	0.14
Real Estate Sales Agents	2.34	0.35	0.13	1.92	0.46	0.16

Occupation Title	Importance			Level		
	Mean of Ms	Median of SDs	Median of SEMs	Mean of Ms	Median of SDs	Median of SEMs
Billing and Posting Clerks	1.96	0.00	0.00	1.45	0.00	0.00
Court, Municipal, and License Clerks	2.09	0.00	0.00	1.55	0.00	0.00
Meter Readers, Utilities	2.44	0.41	0.14	2.22	0.46	0.16
Word Processors and Typists	2.02	0.35	0.13	1.52	0.35	0.13
Fallers	2.87	0.35	0.13	2.78	0.35	0.13
Tapers	2.27	0.46	0.16	1.88	0.52	0.18
Roofers	2.81	0.46	0.16	2.68	0.46	0.16
Structural Iron and Steel Workers	3.06	0.35	0.13	3.00	0.35	0.13
Helpers--Roofers	2.65	0.35	0.13	2.47	0.46	0.16
Hazardous Materials Removal Workers	2.73	0.46	0.16	2.68	0.46	0.16
Rail-Track Laying and Maintenance Equipment Operators	2.81	0.35	0.13	2.71	0.35	0.13
Telecommunications Equipment Installers and Repairers, Except Line Installers	2.93	0.35	0.13	2.87	0.41	0.14
Automotive Service Technicians and Mechanics	2.89	0.35	0.13	2.87	0.46	0.16
Bicycle Repairers	2.59	0.35	0.13	2.26	0.35	0.13
Tire Repairers and Changers	2.54	0.35	0.13	2.30	0.35	0.13
Mechanical Door Repairers	2.72	0.46	0.16	2.57	0.46	0.16
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2.80	0.35	0.13	2.80	0.41	0.14
Telecommunications Line Installers and Repairers	2.70	0.41	0.14	2.62	0.35	0.13
Commercial Divers	3.00	0.35	0.13	2.97	0.35	0.13
Electrical and Electronic Equipment Assemblers	2.37	0.35	0.13	2.13	0.35	0.13
Bakers	2.36	0.35	0.13	2.02	0.35	0.13
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	2.69	0.35	0.13	2.55	0.35	0.13
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	2.48	0.35	0.13	2.33	0.35	0.13
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2.68	0.35	0.13	2.43	0.35	0.13
Patternmakers, Metal and Plastic	2.57	0.35	0.13	2.38	0.35	0.13
Tool Grinders, Filers, and Sharpeners	2.63	0.35	0.13	2.43	0.46	0.16

Occupation Title	Importance			Level		
	Mean of <i>Ms</i>	Median of <i>SDs</i>	Median of <i>SEMs</i>	Mean of <i>Ms</i>	Median of <i>SDs</i>	Median of <i>SEMs</i>
Laundry and Dry-Cleaning Workers	2.23	0.41	0.14	1.86	0.46	0.16
Cabinetmakers and Bench Carpenters	2.82	0.35	0.13	2.62	0.35	0.13
Chemical Plant and System Operators	2.77	0.41	0.14	2.64	0.35	0.13
Chemical Equipment Operators and Tenders	2.73	0.35	0.13	2.63	0.35	0.13
Cutting and Slicing Machine Setters, Operators, and Tenders	2.77	0.35	0.13	2.50	0.35	0.13
Gem and Diamond Workers	2.30	0.35	0.13	2.10	0.46	0.16
Medical Appliance Technicians	2.65	0.46	0.16	2.45	0.41	0.14
Glass Blowers, Molders, Benders, and Finishers	2.68	0.49	0.17	2.50	0.46	0.16
Helpers--Production Workers	2.52	0.35	0.13	2.25	0.35	0.13
First-Line Supervisors of Passenger Attendants	2.67	0.64	0.23	2.38	0.74	0.26
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	2.82	0.35	0.13	2.71	0.35	0.13
Locomotive Engineers	3.00	0.35	0.13	2.91	0.35	0.13
Railroad Brake, Signal, and Switch Operators and Locomotive Firers	2.80	0.64	0.23	2.53	0.76	0.27
Sailors and Marine Oilers	3.04	0.35	0.13	3.09	0.35	0.13
Aircraft Service Attendants	2.70	0.53	0.19	2.50	0.59	0.21
Passenger Attendants	2.42	0.35	0.13	2.09	0.35	0.13
Stockers and Order Fillers	2.53	0.35	0.13	2.25	0.35	0.13