

# Determining the Occupational Reinforcer Patterns for O\*NET Occupational Units

Volume II: Appendix

**Rod McCloy, Gordon Waugh, Gina Medsker**  
**Human Resources Research Organization**

**Janet Wall**  
**American College Testing**

**David Rivkin and Phil Lewis**  
**National Center for O\*NET Development**



**National Center for O\*NET Development**  
**Employment Security Commission**  
**Post Office Box 27625**  
**Raleigh, North Carolina 27611**  
e-mail: [onet@ncmail.net](mailto:onet@ncmail.net)

July, 1999

## Introduction

This document contains the occupational reinforcer patterns (ORPs) and Job Zone assignments for 1,122 O\*NET occupations. The scores constituting each profile are the 21 needs identified in the Theory of Work Adjustment (TWA; Dawis & Lofquist, 1984; Dawis, Lofquist, & Weiss, 1968; Lofquist & Dawis, 1969). During career exploration, client need score profiles from the O\*NET Work Importance Profiler (WIP; National Center for O\*NET Development, 1999b) are compared to these occupation-specific need profiles. Occupations with profiles that most closely correspond to the client's score profile are identified on the WIP Score Report as the most promising occupations to explore.

In addition, the 21 needs can be aggregated to yield the following six value scores from the TWA: Achievement, Altruism, Autonomy, Comfort, Safety, and Status. The value scores are the basis for determining client/occupation correspondence for clients who have completed the Work Importance Locator (WIL; National Center for O\*NET Development, 1999a). For both the WIP and the WIL, the six values are retitled Achievement, Relationships, Independence, Working Conditions, Support, and Recognition, respectively.

Each occupation is assigned to one of five Job Zones—groups of occupations that require similar amounts of vocational preparation. Job Zone 1 requires the least vocational preparation; Job Zone 5 requires the most vocational preparation.

The need profiles contained herein derive from job analysts' ratings of the degree to which each O\*NET occupation reinforces (i.e., provides employees with) each of the 21 needs. For more information about the technical underpinnings of the development of the ORPs for the O\*NET occupations (including the rating scales used by the job analysts), see *Determining the Occupational Reinforcer Patterns (ORPs) for the O\*NET Occupational Units* (McCloy, Waugh, et al., 1999). More information regarding the means by which client and OU profiles are judged to be similar to one another may be found in *Linking Client Assessment Profiles to O\*NET Occupational Profiles* (McCloy, Campbell, Oswald, Lewis, & Rivkin, 1999). Information about the Job Zones can be found in *Generation and Use of Ability Profiles for O\*NET Occupations* (McCloy, Campbell, Oswald, Rivkin, & Lewis, 1999) and *Stratifying Occupational Units by Specific Vocational Preparation* (Oswald, Campbell, McCloy, Rivkin, & Lewis, 1999).

## References

Dawis, R.V., & Lofquist, L.H. (1984). *A psychological theory of work adjustment*. Minneapolis, MN: University of Minnesota Press.

Dawis, R.V., Lofquist, L.J., & Weiss, D.J. (1968). A theory of work adjustment (a revision). *Minnesota Studies in Vocational Rehabilitation*, 23.

Lofquist, L.H., & Dawis, R.V. (1969). *Adjustment to work*. New York: Appleton-Century-Crofts.

McCloy, R.A., Campbell, J.P., Oswald, F.L., Lewis, P., & Rivkin, D. (1999). *Linking client assessment profiles to O\*NET occupational profiles*. Raleigh, NC: National Center for O\*NET Development.

McCloy, R.A., Campbell, J.P., Oswald, F.L., Rivkin, D., & Lewis, P. (1999). *Generation and use of ability profiles for O\*NET occupations*. Raleigh, NC: National Center for O\*NET Development.

McCloy, R., Waugh, G., Medsker, G., Wall, J., Rivkin, D., & Lewis, P. (1999). *Determining the Occupational Reinforcer Patterns (ORPs) for the O\*NET occupational units*. Raleigh, NC: National Center for O\*NET Development.

National Center for O\*NET Development. (1999a). *O\*NET Work Importance Locator*. Raleigh, NC: Author.

National Center for O\*NET Development. (1999b). *O\*NET Work Importance Profiler*. Raleigh, NC: Author.

Oswald, F., Campbell, J., McCloy, R., Rivkin, D., & Lewis, P. (1999). *Stratifying occupational units by Specific Vocational Preparation*. Raleigh, NC: National Center for O\*NET Development.

## **Acknowledgment**

The development of the Occupational Reinforcer Patterns (ORPs) project was funded by the O\*NET project of the U.S. Department of Labor, Employment and Training Administration, Office of Policy and Research (OPR) under the direction of Gerard F. Fiala, Administrator. The O\*NET project is directed by Donna Dye, Personnel Research Psychologist.

The work was completed through Department of Labor grants with the National O\*NET Consortium, National Center for O\*NET Development; the North Carolina Employment Security Commission, Southern Assessment and Research Development Center; the New York Department of Labor, Eastern Assessment and Research Development Center; and the Michigan Employment Security Commission, Northern Assessment Research and Development Center.

The project was completed under the direction of David Rivkin and Phil Lewis. The Human Resources Research Organization (HumRRO) was the primary contractor. Their team was led by Dr. Rodney McCloy. Dr. Gary Carter, John Boyle, and Dan Connell initiated and participated in much of the research effort associated with developing the information.

Numerous research phases were conducted in developing the ORPs. Each phase required multiple steps and the participation of a wide variety of staff, contractors, and pilot sites. Grateful acknowledgment for their prominent roles in this process is made to Jeannie Stroupe, Dr. Steve Atkins, Helen Tannenbaum, Ray Dobrin, Enid Israelson, Ronald Boese, Brenda Dunn and Jerry Pickett.

A special thanks is given to Dr. René V. Dawis who served as the overall technical advisor for the project and whose previous research inspired the work.

## Occupational Reinforcer Patterns for O\*NET Occupations

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
13002A	Treasurers, Controllers, and Chief Financial Officers	5	4.125	3.750	4.250	3.750	4.500	4.000	3.750	3.500	3.500	2.625	3.500	3.375	3.625	3.750	2.250	3.250	3.500	2.750	3.625	4.500	3.750
13002B	Financial Managers, Branch or Department	4	4.000	3.750	4.000	3.375	4.625	4.000	3.625	3.500	3.250	2.500	3.375	3.625	3.875	3.750	2.750	3.375	3.500	2.625	3.375	4.250	3.875
13005A	Human Resources Managers	4	4.250	3.625	4.000	3.000	4.125	3.875	3.250	3.250	3.500	2.500	3.125	3.125	4.000	4.000	3.875	3.375	3.250	2.375	3.625	4.500	4.125
13005B	Training and Development Managers	4	3.625	3.875	3.625	3.125	4.250	3.750	3.125	3.875	3.500	2.250	3.500	3.125	3.500	3.250	3.750	3.250	3.750	2.500	3.375	4.000	3.500
13005C	Labor Relations Managers	5	3.625	3.500	3.125	2.875	3.875	3.750	3.250	3.625	3.375	2.250	3.000	2.750	3.250	3.000	3.875	2.875	3.625	2.375	2.875	4.000	3.500
13005E	Employee Assistance Specialists	3	3.750	4.000	3.125	2.375	3.375	3.500	3.250	3.500	3.625	1.875	3.500	3.125	2.875	3.375	4.250	3.750	3.125	2.250	3.750	3.875	3.750
13008	Purchasing Managers	4	3.375	3.125	4.000	3.250	3.625	3.750	3.375	3.500	3.000	2.500	3.375	2.750	3.500	3.375	2.125	3.125	3.250	2.625	3.250	4.000	3.500
13011A	Advertising and Promotions Managers	4	4.000	4.000	3.750	3.250	4.000	3.750	3.875	3.500	4.250	2.375	2.875	3.375	3.375	3.375	2.000	3.375	3.000	2.250	3.500	4.375	3.750
13011B	Sales Managers	4	3.500	3.375	4.000	3.625	4.125	3.625	4.125	3.625	3.750	2.375	3.250	3.500	3.500	3.500	2.750	3.250	3.125	2.500	3.250	3.875	3.875
13011C	Marketing Managers	4	4.125	3.875	3.750	3.250	3.625	3.625	3.750	3.750	4.125	2.250	3.250	3.750	3.500	3.375	2.625	3.500	3.250	2.250	3.625	4.375	4.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
13011D	Fundraising Directors	4	4.000	4.625	3.750	2.875	3.625	3.250	3.125	4.125	4.125	2.750	3.250	3.250	3.750	3.125	3.375	3.750	3.125	2.000	3.125	3.875	3.750
13014A	Property Officers and Contract Administrators	4	3.625	3.250	3.500	3.000	3.375	3.625	3.250	3.500	3.000	2.750	3.500	2.625	3.875	3.625	2.625	3.000	3.500	2.750	3.000	3.750	3.625
13014B	Administrative Services Managers	4	3.250	3.125	3.625	3.375	4.000	3.875	3.375	3.500	3.250	2.375	3.125	3.125	3.875	3.750	2.625	3.250	3.375	2.375	3.125	4.000	3.750
13017A	Engineering Managers	5	4.000	3.875	3.875	3.375	4.125	4.000	4.250	3.625	3.750	2.750	3.500	3.500	3.875	3.875	2.375	3.625	2.750	2.000	3.500	4.000	4.250
13017B	Natural Sciences Managers	5	3.875	3.625	3.625	3.000	3.875	3.750	3.375	3.750	3.750	2.750	3.250	3.125	4.000	3.625	2.500	3.500	2.875	2.000	3.500	4.125	4.000
13017C	Computer and Information Systems Managers	5	4.000	3.500	3.750	3.500	4.125	3.750	3.875	3.750	3.625	2.750	3.500	3.250	4.000	4.000	3.125	3.500	3.250	2.125	3.250	4.125	3.875
15002	Postmasters and Mail Superintendents	4	3.250	3.250	3.750	2.375	4.375	4.125	3.750	3.375	2.625	2.375	3.750	3.125	3.625	4.375	2.750	3.375	3.250	2.875	3.375	3.875	3.500
15005A	College and University Administrators	5	4.375	4.000	4.250	2.750	4.375	4.000	3.750	3.875	3.875	2.125	2.875	4.000	4.000	4.000	3.250	4.500	3.375	1.875	3.750	4.500	3.750
15005B	Educational Program Directors	4	4.375	4.000	4.125	3.375	3.875	3.875	3.375	3.750	3.750	2.500	3.000	3.750	3.750	3.875	3.375	3.875	3.625	2.125	3.625	3.875	3.500
15008A	Nursing Directors	5	3.625	3.875	4.000	2.625	4.000	3.250	3.375	3.500	3.500	2.625	3.375	3.250	3.875	3.875	4.000	3.750	2.875	2.000	3.250	3.625	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
15008B	Medical and Health Services Managers	4	3.500	3.500	3.625	2.875	4.000	3.500	3.625	3.750	3.750	2.750	3.375	3.375	3.875	4.125	3.625	3.750	3.125	2.125	3.500	4.125	3.875
15011A	Land Leasing and Development Managers	5	3.625	3.500	3.625	3.125	3.875	3.375	3.625	3.625	3.250	2.750	3.125	3.375	3.750	3.000	2.625	3.500	3.375	2.500	3.250	3.875	3.750
15011B	Property, Real Estate, and Community Association Managers	4	3.750	3.375	4.125	2.625	4.000	3.125	2.875	2.750	2.625	2.750	3.250	2.750	4.000	3.750	2.875	3.125	2.625	2.375	3.625	3.875	4.500
15011C	Property Records Managers	4	3.375	3.250	4.000	3.125	4.250	3.750	3.500	3.125	2.875	2.375	3.125	2.875	3.625	3.750	2.375	3.000	3.125	2.625	3.250	3.875	4.250
15014	Industrial Production Managers	4	3.750	3.500	4.125	3.000	4.750	4.000	3.875	3.250	3.875	2.625	3.375	3.000	4.125	3.750	2.125	3.500	3.375	2.875	3.625	3.250	4.500
15017A	Landscaping Managers	5	3.125	3.375	3.000	2.125	3.625	2.500	3.000	2.625	3.500	3.000	3.500	2.750	3.500	2.250	2.750	2.500	1.625	1.625	2.875	2.375	4.000
15017B	Construction Managers	4	3.625	3.500	3.500	2.750	4.750	3.500	3.750	3.000	3.375	2.250	3.125	2.625	3.875	3.125	2.250	2.875	2.625	2.375	3.625	2.500	4.125
15021A	Mining Superintendents and Supervisors	5	3.500	3.375	3.625	2.500	4.500	3.625	3.500	2.875	3.125	2.625	3.000	2.750	3.625	3.125	1.625	2.875	2.625	2.375	2.875	1.625	4.250
15021C	Oil and Gas Drilling and Production Superintendents	5	3.250	3.375	3.250	2.375	4.375	3.875	3.750	3.125	3.375	2.875	3.125	2.875	4.125	3.625	1.750	3.000	3.250	2.250	3.125	2.000	4.375
15023A	Transportation Managers	4	4.125	3.500	4.000	2.750	4.250	3.875	3.625	3.250	3.375	2.375	3.375	3.000	3.750	4.000	2.375	3.375	3.750	2.750	3.625	3.750	4.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
15023B	Communications Managers	4	4.000	3.625	3.875	3.375	4.250	3.875	3.625	3.125	3.750	2.500	3.375	3.500	3.875	3.875	2.125	3.375	3.500	2.500	3.250	4.250	4.125
15023C	Utilities Managers	5	3.625	3.625	3.875	3.250	4.125	4.000	3.625	3.250	3.250	2.500	3.500	3.125	4.000	4.250	2.125	3.375	3.750	3.125	3.125	3.625	3.750
15023D	Storage and Distribution Managers	4	3.375	3.375	3.875	3.000	4.500	4.000	3.625	3.125	3.750	2.750	3.375	3.125	4.000	4.000	1.750	3.250	3.500	3.125	3.125	3.000	4.125
15026A	Lodging Managers	3	3.250	3.125	3.500	3.125	3.875	3.375	3.000	3.125	3.375	2.750	3.375	3.000	3.875	3.625	3.375	3.000	2.750	2.500	3.375	3.875	4.125
15026B	Food-Service Managers	4	3.750	3.625	3.750	3.125	4.250	3.625	3.125	3.375	3.875	2.875	3.500	3.375	4.000	4.250	2.875	3.000	2.875	2.875	3.000	2.875	4.125
15031	Nursery and Greenhouse Managers	4	4.000	3.500	3.250	2.750	4.500	3.250	2.875	3.250	3.875	2.625	4.000	3.250	3.875	3.000	2.500	3.000	2.750	2.375	3.375	2.750	4.125
15032	Lawn Service Managers	4	3.125	2.875	2.750	2.500	4.125	3.125	2.625	3.000	2.875	2.750	3.750	2.625	3.750	2.625	3.000	2.625	2.500	2.375	2.750	2.250	4.000
19005A	Government Service Executives	4	4.125	3.875	4.125	3.125	4.500	3.875	4.000	3.375	3.750	2.875	3.000	3.500	4.125	4.000	2.625	4.000	2.875	2.125	4.000	4.250	4.125
19005B	Private Sector Executives	5	4.250	4.250	4.500	2.750	4.750	4.125	4.500	3.500	4.125	3.125	2.750	3.875	4.500	4.000	2.500	4.500	2.500	2.000	4.000	4.625	4.625
19999A	Amusement and Recreation Establishment Managers	4	3.375	3.375	3.375	3.125	4.125	3.625	2.750	3.500	3.375	2.750	3.250	2.875	3.750	2.875	3.125	2.750	3.000	3.000	3.250	3.250	3.875



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
19999B	Social and Community Service Managers	4	3.875	4.000	4.125	3.125	4.000	4.000	2.875	3.500	3.625	2.500	3.250	3.375	3.625	4.375	4.375	3.625	3.250	2.750	3.500	3.625	4.125
19999C	Association Managers and Administrators	4	3.625	3.500	3.375	2.750	3.500	3.625	3.625	3.000	3.375	3.000	3.500	3.125	3.625	3.625	3.125	3.250	2.500	2.500	3.125	4.250	3.875
19999D	Customer Service and Service Establishment Managers	4	3.375	3.125	3.750	3.000	4.125	3.500	3.125	3.500	3.500	2.500	3.500	3.250	3.625	3.875	3.250	3.375	3.125	2.375	3.375	3.750	4.125
19999E	Gambling Establishment Managers	3	3.500	3.125	3.375	2.875	3.750	3.375	3.375	3.375	3.250	2.875	2.875	3.000	3.750	3.625	3.125	2.875	3.375	2.500	2.875	3.625	3.625
19999F	Security Managers	3	3.375	3.625	3.500	2.875	4.000	3.750	3.250	3.375	3.625	2.875	3.000	3.125	3.875	4.000	3.000	3.375	3.500	2.375	3.250	3.250	4.000
21102	Underwriters	4	3.125	2.500	3.375	3.625	2.375	3.875	2.750	3.000	2.000	3.375	3.125	2.250	3.750	3.625	2.750	2.500	3.875	3.125	2.375	3.750	3.000
21105	Credit Analysts	4	3.250	2.750	4.000	4.000	2.125	4.000	3.000	3.250	1.875	3.375	3.125	2.250	3.500	3.500	2.875	2.750	4.000	2.875	2.500	4.000	3.375
21108	Loan Officers and Counselors	4	3.000	3.000	3.250	3.875	2.875	3.625	2.875	3.750	2.000	2.500	2.875	2.750	3.625	3.500	3.125	2.750	3.500	3.000	2.500	4.125	3.500
21111	Tax Preparers	2	3.375	2.875	3.500	2.625	2.250	3.625	3.375	3.375	1.750	3.625	3.000	2.250	2.875	2.375	3.250	2.625	3.500	2.875	1.625	4.000	3.000
21114A	Accountants	4	3.875	3.375	4.000	3.250	3.125	3.750	4.125	3.250	2.625	3.625	3.000	3.375	3.750	4.125	3.000	3.875	3.500	2.250	2.500	4.375	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
21114B	Auditors	4	3.625	3.250	3.500	3.500	3.375	3.750	3.750	3.500	2.375	3.250	3.000	2.500	3.500	3.625	2.625	3.000	3.500	2.500	2.875	3.875	3.375
21114C	Data Processing Auditors	4	3.125	2.875	3.500	3.750	2.250	3.500	3.250	3.000	2.875	3.750	3.625	2.375	3.375	3.500	2.125	2.750	3.375	2.750	2.250	4.000	3.125
21117	Budget Analysts	4	3.625	3.125	3.750	3.750	3.125	3.625	3.500	3.250	2.500	3.125	3.250	2.750	3.375	3.375	2.250	3.125	3.750	2.750	3.000	3.875	3.500
21199B	Financial Counselors	3	3.250	3.625	3.250	2.875	3.125	3.500	2.875	3.500	2.625	2.875	3.375	2.875	3.500	3.625	3.750	3.500	3.375	2.875	2.875	4.000	3.500
21302	Wholesale and Retail Buyers, Except Farm Products	3	3.375	3.250	3.750	3.500	3.000	3.750	3.250	3.500	3.250	2.625	3.625	3.000	3.625	3.250	2.250	3.125	3.375	3.000	3.375	3.875	3.375
21305A	Purchasing Agents and Buyers, Farm Products	4	3.375	3.375	3.250	3.000	3.125	3.375	3.125	3.750	2.875	2.875	3.250	2.750	3.750	3.000	2.500	2.750	3.125	2.500	3.000	3.250	3.625
21308A	Purchasing Agents and Contract Specialists	4	3.500	3.500	3.625	3.250	3.375	3.375	3.500	3.125	2.875	2.625	3.000	2.875	3.375	3.250	2.625	3.000	3.250	2.750	3.375	3.500	3.500
21308B	Procurement Engineers	4	4.000	3.500	3.250	3.375	3.375	3.750	3.500	3.500	3.875	2.875	3.750	3.125	3.750	3.625	2.375	3.750	3.625	2.125	3.375	4.000	4.125
21308C	Price Analysts	4	3.375	3.000	3.625	3.375	2.250	3.500	3.125	3.375	2.500	3.500	3.750	2.500	3.125	3.375	1.750	3.000	3.500	2.750	2.375	3.750	3.250
21502	Claims Takers, Unemployment Benefits	2	2.625	2.875	3.375	3.000	3.000	3.250	2.625	3.000	1.250	2.625	3.250	2.125	2.750	3.875	3.625	2.750	3.625	3.500	2.000	3.375	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
21505	Special Agents, Insurance	5	3.000	3.000	3.375	3.875	3.125	4.125	3.375	3.875	2.500	2.875	3.625	2.875	3.500	3.750	2.875	3.000	4.000	3.250	2.750	3.750	3.625
21508	Employment Interviewers, Private or Public Employment Service	3	3.125	3.250	3.500	3.000	2.625	3.500	2.875	3.375	2.250	2.375	3.375	2.625	3.000	3.500	3.625	2.625	3.500	3.125	2.500	3.875	3.125
21511A	Job and Occupational Analysts	3	3.750	3.625	3.500	2.875	3.125	3.375	3.125	3.625	3.000	2.500	3.500	2.750	3.750	3.125	2.625	3.000	3.250	2.500	3.250	4.000	3.625
21511B	Employer Relations and Job Development Specialists	3	3.500	3.875	4.000	3.250	3.625	3.250	3.125	3.750	3.000	2.375	3.500	2.750	3.625	3.375	3.750	3.375	3.250	2.750	3.250	4.000	3.625
21511C	Employee Relations Specialists	3	3.625	4.125	3.625	3.250	3.625	3.875	3.000	4.000	3.500	2.500	3.250	3.250	3.625	3.500	4.125	3.750	3.500	2.500	3.750	4.000	3.500
21511D	Employee Training Specialists	4	3.500	3.875	3.625	3.125	4.000	3.875	3.375	4.000	3.750	2.500	3.500	3.375	3.875	3.375	3.750	3.625	3.375	2.875	3.500	4.125	3.750
21511E	Personnel Recruiters	3	3.125	3.750	3.750	3.250	2.750	3.875	3.125	3.250	2.875	2.750	3.125	2.750	3.625	3.500	3.250	3.250	3.875	2.875	3.000	4.000	3.500
21511F	Labor Relations Specialists	5	3.750	4.375	3.000	2.750	3.250	3.000	3.750	2.750	3.375	2.750	2.625	3.500	3.500	3.000	3.375	3.625	2.250	2.375	3.125	3.875	3.875
21902	Cost Estimators	4	3.375	2.875	3.250	3.125	2.000	3.375	3.125	2.875	2.250	3.625	3.000	2.625	3.500	3.375	2.000	3.000	3.375	2.750	2.375	4.000	3.375
21905	Management Analysts	4	4.000	4.250	3.375	3.125	3.625	3.625	4.000	3.625	4.250	2.625	3.250	3.625	3.750	3.250	3.000	3.875	3.250	2.375	3.625	4.250	4.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
21908A	Construction and Building Inspectors	3	3.250	3.125	3.250	3.000	2.500	3.250	3.125	2.875	1.750	3.500	2.750	2.500	4.125	3.500	2.250	2.875	3.250	3.125	2.625	2.750	3.875
21908B	Elevator Inspectors	5	2.625	2.250	2.875	2.500	2.375	3.125	2.625	2.000	2.000	4.250	3.750	2.250	3.500	3.625	1.375	2.250	3.375	3.375	1.500	2.750	3.375
21911A	Public Health Officers and Inspectors	3	3.500	4.000	3.625	3.125	3.500	3.625	3.250	3.250	2.625	3.125	2.750	2.500	3.750	4.125	3.000	3.125	3.375	3.500	3.125	3.375	3.750
21911B	Environmental Compliance Inspectors	3	3.500	3.875	3.625	3.375	3.125	3.750	3.000	3.500	2.125	3.125	2.750	2.625	3.500	3.750	2.750	3.125	4.000	3.125	3.250	2.750	3.625
21911C	Immigration and Customs Inspectors	3	2.750	3.000	3.500	3.250	3.000	3.750	2.625	3.375	1.625	2.750	2.875	2.500	3.375	3.875	2.625	3.000	4.000	3.625	2.500	3.250	2.750
21911D	Licensing Examiners and Inspectors	3	2.625	2.625	3.250	2.875	3.125	3.875	3.000	3.375	1.750	2.750	3.125	2.625	3.500	3.875	3.125	3.000	3.750	3.250	2.625	3.375	3.500
21911E	Industrial and Occupational Safety and Health Inspectors	3	3.375	3.750	3.125	2.750	3.125	3.500	3.250	3.375	2.500	3.000	3.250	2.875	3.750	3.750	2.500	3.375	3.500	3.250	3.375	3.125	3.500
21911F	Equal Opportunity Representatives and Officers	4	3.000	3.750	3.000	3.000	2.750	3.875	2.875	3.250	2.250	2.750	3.000	3.000	3.750	3.625	3.250	3.500	3.750	3.000	3.000	4.125	3.625
21911H	Government Property Inspectors and Investigators	3	3.375	3.375	3.500	3.875	2.750	4.125	3.125	3.250	2.125	3.250	3.125	3.000	3.500	4.125	2.250	3.625	4.000	3.000	3.625	3.500	3.375
21911J	Financial Examiners	4	3.625	3.500	3.875	3.750	3.625	3.625	3.750	3.125	2.875	3.500	3.000	3.125	3.750	3.875	2.625	3.750	3.500	2.500	3.000	4.375	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
21911K	Aviation Inspectors	4	3.250	3.375	3.250	2.875	3.000	3.625	3.500	3.000	1.500	3.375	3.375	2.875	3.875	3.625	2.125	3.125	3.875	3.500	3.000	3.000	3.500
21911L	Pressure Vessel Inspectors	4	3.000	2.875	3.250	2.750	2.875	3.375	3.125	2.875	1.625	3.750	3.500	2.375	3.625	3.625	1.750	2.750	3.625	3.000	2.500	2.875	3.750
21911M	Public Transportation Inspectors	4	2.875	3.125	3.250	2.875	3.125	3.625	3.000	3.125	1.625	3.375	3.375	2.375	3.500	3.625	2.000	2.875	3.750	3.250	2.625	3.125	3.375
21911N	Marine Cargo Inspectors	5	3.000	2.875	3.125	2.750	2.625	3.375	3.375	2.750	1.500	3.750	3.500	2.500	4.000	3.625	2.000	3.000	3.250	3.250	2.500	2.750	3.750
21911P	Coroners	4	3.875	3.375	3.375	2.375	3.750	3.375	3.375	3.375	2.625	2.625	3.375	3.000	4.125	4.250	3.000	3.000	2.625	1.875	2.750	2.750	4.250
21911R	Agricultural Inspectors	4	3.000	2.875	3.250	2.750	2.500	3.250	3.125	3.000	1.875	3.500	3.250	2.500	4.000	3.750	2.000	2.875	3.250	3.000	3.125	2.750	3.625
21911T	Radiation-Protection Specialists	5	3.125	3.250	3.375	2.875	3.000	3.625	3.500	2.875	1.750	3.250	3.875	2.375	3.750	3.625	2.375	3.125	3.500	3.125	2.625	3.750	3.750
21914	Tax Examiners, Collectors, and Revenue Agents	4	3.375	3.250	3.250	3.250	3.250	4.000	3.250	2.750	1.875	3.250	2.875	2.500	3.500	4.125	2.375	2.500	4.000	3.000	2.625	4.125	3.500
21917	Assessors	4	3.125	2.875	3.250	3.000	2.250	3.375	3.625	2.500	2.000	4.000	3.500	2.625	4.000	3.875	2.375	2.875	3.250	2.750	2.250	3.500	3.750
21921	Claims Examiners, Property and Casualty Insurance	4	3.000	3.000	3.375	3.875	2.500	4.250	3.125	2.750	1.875	3.500	3.250	2.500	3.750	3.875	2.375	2.875	4.125	3.125	2.500	4.000	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
21999A	Computer Security Specialists	4	4.000	3.625	3.750	3.250	2.875	3.500	4.375	3.500	3.750	3.000	3.375	3.625	4.125	3.750	2.375	3.750	3.250	2.250	2.875	4.500	4.000
21999B	Legislative Assistants	3	3.500	3.875	3.875	3.500	2.125	3.375	3.125	3.500	2.750	2.375	3.375	2.750	2.625	3.000	3.625	3.500	3.000	2.625	3.250	4.250	2.750
21999C	Executive Secretaries and Administrative Assistants	4	3.125	3.250	3.625	3.125	2.125	3.875	3.000	3.250	2.500	2.750	3.750	2.625	2.500	3.625	3.375	3.000	3.625	3.000	2.625	4.000	2.500
21999D	Land Leasing and Permit Agents	3	3.375	3.625	3.375	3.000	2.250	3.500	3.375	3.000	2.500	3.000	3.500	3.125	3.375	3.375	2.500	3.250	3.250	2.750	2.625	3.500	3.125
21999F	Meetings and Convention Planners	4	3.500	3.875	3.375	2.625	3.625	3.500	3.500	3.500	3.625	2.000	3.500	3.625	3.875	3.500	3.375	3.500	3.000	2.375	3.625	4.125	3.875
21999G	Grant Coordinators	5	3.625	3.750	3.125	2.750	2.375	3.625	3.125	3.250	3.000	3.000	3.500	3.250	3.375	3.500	3.125	3.500	3.625	2.500	3.000	4.250	3.125
21999H	Customs Brokers	4	2.750	2.750	3.500	3.125	2.625	3.625	3.125	2.750	1.750	2.875	3.125	2.125	3.125	3.625	2.500	2.750	3.625	3.375	2.375	3.500	3.000
22102	Aerospace Engineers	5	4.875	4.125	3.750	3.000	4.000	3.750	4.000	3.625	4.500	2.875	3.750	3.750	4.250	4.125	2.125	4.500	3.375	1.750	3.750	4.125	4.250
22105A	Ceramic Engineers	5	4.375	4.000	3.750	2.875	3.875	3.625	3.375	3.375	4.625	3.000	3.875	3.625	4.250	3.750	2.125	3.875	3.250	1.750	3.500	4.000	4.250
22105B	Metallurgists	5	4.250	3.750	3.750	2.875	3.375	3.000	3.500	3.250	4.125	3.250	4.000	3.250	4.000	3.750	1.625	3.500	3.000	2.000	3.000	3.625	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
22105C	Welding Engineers	5	4.000	3.750	3.750	3.000	3.250	3.625	3.500	3.125	4.250	3.125	4.000	3.500	4.000	3.625	1.750	3.750	3.125	2.000	3.375	3.375	4.125
22105D	Materials Engineers	5	4.125	3.750	3.625	3.000	2.500	3.375	3.625	3.125	4.000	3.250	4.000	3.500	4.000	3.750	1.875	3.750	3.375	2.000	3.500	3.875	4.000
22108	Mining Engineers, Including Mine Safety	4	4.125	4.000	3.625	3.125	4.000	3.500	3.750	3.375	3.875	2.750	3.375	3.375	4.375	3.750	2.500	4.000	3.250	2.250	3.625	3.000	4.250
22111	Petroleum Engineers	5	4.375	3.875	3.625	3.125	3.750	3.375	3.875	3.500	4.000	2.750	3.625	3.625	4.000	3.750	2.375	4.125	3.500	2.000	3.750	3.625	4.125
22114	Chemical Engineers	5	4.500	4.000	3.875	3.375	3.750	3.500	3.750	3.625	4.375	2.625	3.625	3.625	4.125	4.000	1.875	4.125	3.500	2.000	3.625	3.875	4.125
22117	Nuclear Engineers	5	4.625	3.750	4.000	3.375	3.500	3.375	3.875	3.500	4.125	2.750	3.375	3.625	4.125	4.000	2.000	4.125	3.625	2.000	3.625	3.750	4.000
22121	Civil Engineers, Including Traffic	4	4.500	4.125	3.875	3.500	3.625	3.500	3.500	3.500	4.000	2.375	3.500	3.375	3.875	3.875	2.500	4.000	3.625	2.125	3.750	3.625	4.250
22123	Agricultural Engineers	5	4.500	3.875	3.750	3.125	3.375	3.375	3.375	3.375	4.375	2.750	3.750	3.250	4.125	3.750	2.500	3.875	3.500	2.000	3.500	3.375	4.125
22126A	Electrical Engineers	5	4.500	3.875	3.625	3.250	3.250	3.625	3.500	3.375	4.250	2.875	3.625	3.500	4.250	3.875	2.250	4.125	3.625	2.125	3.500	3.875	4.125
22126B	Electronics Engineers, except Computer	5	4.500	3.875	3.750	3.125	3.250	3.625	3.500	3.250	4.250	3.125	3.625	3.625	4.250	3.625	2.125	4.000	3.375	2.000	3.250	4.125	4.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
22127	Computer Engineers	4	4.750	4.125	4.125	3.375	3.750	3.750	3.625	3.375	4.375	3.250	3.750	3.625	4.375	3.875	2.375	4.125	3.500	2.250	3.250	4.500	4.125
22128	Industrial Engineers, Except Safety	4	4.500	3.875	4.000	3.250	4.000	3.750	3.375	3.500	4.250	2.500	3.250	3.375	4.125	3.625	2.625	4.000	3.500	2.125	3.500	3.875	4.250
22132A	Industrial Safety and Health Engineers	4	4.125	3.875	3.875	3.125	3.750	3.625	3.125	3.500	4.000	2.750	3.000	3.250	4.125	3.750	2.750	4.000	3.750	2.375	3.375	3.625	4.125
22132B	Fire-Prevention and Protection Engineers	4	4.000	4.000	3.500	2.875	3.625	3.625	3.125	3.375	3.875	2.625	3.250	3.250	4.125	3.500	3.125	4.000	3.750	2.500	3.125	3.250	4.125
22132C	Product Safety Engineers	5	4.250	4.250	3.875	2.875	3.375	3.625	3.375	2.750	4.000	3.375	3.250	3.250	4.000	3.625	2.500	3.750	3.500	2.125	3.375	3.875	4.125
22135	Mechanical Engineers	4	4.375	4.125	4.000	3.125	3.750	3.625	3.625	3.125	4.250	3.000	3.500	3.625	4.250	3.875	2.125	4.125	3.375	2.125	3.625	4.000	4.500
22138	Marine Engineers	5	4.625	3.875	3.750	2.875	3.750	3.500	3.500	3.375	4.250	2.875	3.500	3.500	4.000	3.625	2.375	4.000	3.375	2.125	3.500	3.625	4.250
22197	Production Engineers	4	4.500	4.375	4.000	3.375	3.500	3.500	3.500	3.500	4.250	2.875	3.500	3.625	4.250	3.750	2.125	4.000	3.375	2.125	3.375	3.875	4.250
22302	Architects, Except Landscape and Marine	4	4.875	4.625	3.500	2.750	3.125	2.875	4.125	3.250	4.750	3.375	3.500	4.625	3.875	3.875	2.875	4.375	2.750	1.750	3.625	4.125	4.000
22305	Marine Architects	5	4.875	4.375	3.625	2.750	3.000	3.125	3.875	3.250	4.625	3.375	3.750	3.875	3.875	3.500	2.500	4.125	2.875	1.875	3.500	3.750	4.000



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
22308	Landscape Architects	5	4.750	4.000	3.375	2.875	2.625	3.000	3.625	3.250	4.250	3.250	3.875	3.875	3.625	3.625	2.750	4.000	2.875	2.000	3.250	3.625	3.875
22311A	Cartographers and Photogrammetrists	4	4.125	3.875	3.375	2.750	2.125	3.375	3.375	2.500	3.375	3.750	4.125	2.625	4.125	3.500	2.000	3.250	2.375	1.875	3.000	3.875	4.375
22311B	Surveyors	4	3.750	4.125	3.625	3.125	3.250	3.500	3.625	3.000	3.250	2.625	4.125	3.250	3.750	3.750	2.125	3.625	3.125	2.375	3.500	3.375	3.875
22502	Civil Engineering Technicians	4	3.750	3.625	3.875	3.500	2.625	3.375	3.250	3.250	2.625	2.750	3.875	2.625	2.875	3.625	2.250	3.125	3.750	3.125	3.125	3.875	2.625
22505A	Electronics Engineering Technicians	4	3.750	3.625	3.750	3.500	1.875	3.500	3.125	3.250	2.250	2.875	4.000	2.625	3.000	3.500	2.375	3.125	3.500	3.000	2.750	3.875	2.875
22505B	Calibration and Instrumentation Technicians	4	3.375	3.500	3.625	3.000	1.875	3.625	3.125	3.125	2.375	3.250	4.125	2.625	3.000	3.625	2.250	3.250	3.750	3.125	2.875	3.625	2.625
22505C	Electrical Engineering Technicians	4	3.625	3.625	3.750	3.500	2.000	3.500	3.250	3.125	2.625	3.125	4.125	2.625	3.125	3.500	2.000	3.125	3.500	3.000	3.125	3.875	3.125
22508	Industrial Engineering Technicians and Technologists	3	3.750	3.750	3.750	3.625	2.250	3.750	3.125	3.250	2.750	3.250	4.125	2.625	3.000	3.500	2.500	3.250	3.875	3.250	3.250	3.500	2.875
22511	Mechanical Engineering Technicians and Technologists	4	3.625	3.875	3.875	3.750	2.375	3.750	3.250	3.250	3.000	3.000	4.125	2.750	3.125	3.750	2.500	3.375	3.750	3.250	3.375	3.250	2.750
22514A	Architectural Drafters	4	4.125	3.500	3.500	3.125	1.750	3.375	3.625	2.625	2.750	4.125	4.250	2.750	2.500	3.500	2.375	3.500	3.000	2.500	2.750	4.500	3.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
22514B	Electronic Drafters	3	4.125	3.625	3.750	3.250	3.125	3.750	3.750	3.250	3.125	3.250	4.000	3.125	3.125	3.500	2.375	3.625	3.375	2.250	3.125	4.250	3.250
22514C	Civil Drafters	3	3.875	3.625	3.750	3.125	2.125	3.500	3.250	3.000	2.750	3.500	4.250	2.750	2.750	3.500	2.375	3.250	3.500	2.500	3.000	3.875	3.500
22514D	Mechanical Drafters	4	3.875	3.625	3.750	3.000	3.250	3.625	3.375	3.125	3.250	3.250	4.375	3.000	2.875	3.375	2.625	3.250	3.500	2.500	3.125	3.875	3.500
22517	Estimators and Drafters, Utilities	4	4.000	3.750	3.500	3.250	3.625	3.750	3.250	3.250	3.250	3.125	4.000	2.875	3.250	3.625	2.500	3.250	3.375	2.750	3.125	3.125	3.875
22521A	Surveying Technicians	4	3.125	3.125	3.000	3.125	3.250	3.500	3.125	3.000	2.375	2.750	4.250	2.500	3.000	3.375	2.375	3.000	3.250	3.000	2.750	2.750	3.000
22521B	Mapping Technicians	3	3.375	3.500	3.625	2.875	3.375	3.375	2.875	2.875	2.500	3.375	4.375	2.375	3.250	3.375	2.000	3.000	3.250	3.000	2.875	3.375	3.500
22599A	Sound Engineering Technicians	3	3.375	3.250	3.375	2.875	3.125	3.625	3.000	2.750	3.250	3.250	4.250	2.625	3.250	3.375	2.500	3.000	3.125	2.750	2.875	3.875	3.125
22599B	Metallurgical Technicians	3	3.500	3.125	3.750	3.250	1.750	3.250	3.125	2.250	2.250	4.375	4.500	2.500	3.375	3.875	1.625	3.125	3.250	2.875	2.875	3.500	3.125
22599C	Aerospace Engineering Technicians	4	3.625	3.750	4.125	3.250	2.000	3.500	3.625	3.250	3.000	3.250	4.000	2.875	3.125	3.625	1.875	3.375	3.375	2.750	3.125	3.750	3.250
22599D	Agricultural Engineering Technicians	3	3.375	3.250	3.625	3.125	1.875	3.375	2.875	2.625	2.875	3.625	4.000	2.875	3.375	3.625	1.875	3.250	3.250	2.625	3.125	3.125	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
22599E	Chemical Engineering Technicians	5	3.875	3.625	3.375	3.375	2.625	3.750	3.750	3.125	3.750	3.750	4.000	3.125	3.125	3.875	1.375	2.875	3.750	3.250	3.250	3.625	3.750
22599F	Laser Technicians	4	3.750	3.625	3.375	3.250	1.625	3.625	3.750	2.750	3.125	4.000	4.000	2.875	2.750	3.625	1.375	3.250	3.750	3.250	3.250	3.875	3.375
24102A	Physicists	5	4.750	4.500	3.625	2.750	3.000	4.000	3.750	3.000	4.625	3.750	3.750	4.375	4.000	3.875	1.875	4.250	2.750	1.875	3.500	4.375	4.750
24102B	Astronomers	5	4.500	4.000	3.125	2.500	1.750	3.375	3.375	2.125	4.125	4.625	4.500	3.250	4.125	3.500	1.250	3.375	2.375	1.500	3.000	3.750	4.625
24105	Chemists, Except Biochemists	4	4.625	4.250	3.500	3.000	2.750	3.875	3.875	2.875	4.500	4.000	4.000	3.625	4.250	4.250	1.375	3.750	3.250	2.250	3.500	3.875	4.250
24108	Atmospheric and Space Scientists	4	4.000	3.875	3.500	2.500	2.500	3.375	3.250	2.875	3.125	3.625	4.375	3.750	4.000	4.125	2.000	3.875	3.125	2.250	3.375	3.750	4.000
24111A	Geologists	5	4.375	4.000	3.125	2.500	2.875	3.125	3.250	2.625	3.750	3.750	4.375	3.250	4.375	3.625	1.250	3.250	2.625	1.750	3.125	3.125	4.250
24111B	Geophysicists	5	4.375	3.875	3.375	2.625	2.250	3.375	3.250	2.250	3.875	4.000	4.250	3.250	4.125	3.750	1.125	3.375	2.625	1.750	3.250	3.625	4.625
24199A	Geographers	4	4.000	3.625	3.125	2.625	2.000	3.500	3.375	2.625	3.500	3.625	3.875	3.250	3.875	3.375	1.750	3.500	2.750	2.000	3.000	3.500	4.250
24199B	Environmental Scientists	5	4.250	4.125	3.500	2.875	2.000	3.625	3.375	2.750	4.000	3.875	3.250	3.625	3.875	3.750	1.875	3.625	2.875	2.000	3.125	3.625	4.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
24199C	Materials Scientists	4	4.125	3.500	3.625	2.750	2.625	3.625	3.500	2.875	4.125	3.500	3.750	3.375	3.875	3.750	1.750	3.625	3.250	2.125	2.750	3.875	4.375
24302A	Foresters	4	3.875	3.750	3.375	2.750	3.250	3.125	2.875	3.000	3.500	3.375	3.125	3.125	4.000	3.375	2.250	3.125	2.875	2.250	3.250	2.875	4.250
24302B	Soil Conservationists	4	3.875	3.625	3.500	2.750	2.250	3.375	3.375	2.500	3.750	3.625	3.500	3.000	3.875	3.500	2.250	3.000	3.250	2.375	3.250	3.250	4.375
24302C	Wood Technologists	5	3.750	3.250	3.375	2.750	1.750	3.625	3.125	2.500	3.750	3.625	4.125	2.875	3.625	3.500	1.500	2.875	3.375	2.375	2.750	3.125	3.750
24302D	Range Managers	5	3.750	3.500	3.000	2.500	2.125	2.875	2.750	2.250	3.750	4.000	3.250	3.125	3.750	3.250	1.750	2.750	2.625	2.125	3.125	2.750	4.375
24302E	Park Naturalists	4	3.500	3.625	3.250	3.000	2.625	3.125	2.500	3.125	3.500	3.250	3.625	3.250	3.625	3.125	2.750	3.000	2.875	2.375	3.250	3.125	4.000
24305A	Animal Scientists	5	3.875	3.875	3.500	2.625	2.000	3.250	3.375	2.500	3.875	4.125	3.375	3.250	4.000	3.500	1.125	3.000	2.750	2.000	3.250	3.250	4.500
24305B	Plant Scientists	5	4.000	3.750	3.500	2.625	2.000	3.375	3.125	2.500	4.000	4.375	3.750	3.250	4.250	3.500	1.500	3.375	2.750	1.750	3.375	3.125	4.500
24305C	Food Scientists	4	3.875	3.750	3.750	2.875	2.375	3.750	3.125	2.750	3.875	3.750	3.375	3.375	4.000	4.125	1.375	3.250	3.125	2.125	3.375	3.625	4.250
24305D	Soil Scientists	5	3.875	3.375	3.375	2.625	2.125	3.375	3.250	2.375	4.000	4.000	3.875	3.125	3.750	3.375	1.875	3.125	2.500	1.750	2.875	3.125	4.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
24308A	Biochemists	5	4.625	4.000	3.875	3.000	2.000	3.625	3.625	2.375	4.500	4.125	3.625	3.625	4.375	4.125	1.750	3.750	2.875	1.625	3.375	3.750	4.500
24308B	Biologists	5	4.500	4.125	3.750	2.875	2.250	3.500	3.500	2.750	4.125	4.125	3.625	3.750	4.000	3.750	2.125	3.500	2.625	1.875	3.375	3.250	4.500
24308C	Biophysicists	5	4.500	4.000	3.500	3.000	2.000	3.500	3.750	2.625	3.875	4.375	4.125	3.750	4.375	4.250	1.500	3.875	2.750	1.500	3.250	3.875	4.750
24308D	Botanists	5	4.250	3.750	3.500	2.500	2.250	3.500	3.250	2.250	4.250	4.125	3.875	3.500	4.250	3.750	1.625	3.625	3.000	1.625	3.375	3.750	4.375
24308E	Microbiologists	5	4.125	3.625	3.500	2.875	2.000	3.500	3.500	2.500	3.875	4.000	3.750	3.375	3.875	3.750	1.625	3.750	3.250	1.875	3.125	3.875	4.250
24308F	Geneticists	5	4.250	3.875	3.625	2.750	2.125	3.625	3.750	2.500	3.875	4.000	3.625	3.625	4.000	4.000	2.500	3.625	2.875	1.750	3.250	4.000	4.500
24308G	Physiologists and Cytologists	5	4.375	3.750	3.375	2.750	2.250	3.625	3.250	2.375	4.000	4.125	3.875	3.625	4.250	3.875	1.625	3.625	3.000	1.750	3.250	3.875	4.500
24308H	Zoologists	5	4.125	4.250	3.625	2.750	2.250	3.500	3.125	2.625	3.875	3.375	3.625	3.500	3.875	3.750	1.375	3.250	3.000	2.000	3.500	3.250	4.250
24308J	Toxicologists	5	4.125	3.625	3.625	2.750	2.500	3.375	3.500	2.625	3.750	3.750	3.125	3.250	3.875	3.875	1.750	3.250	3.125	2.000	3.375	3.375	4.375
24311	Medical Scientists	4	4.500	4.625	4.250	2.875	3.500	3.375	4.375	3.125	4.125	3.500	3.250	4.125	4.375	4.500	2.750	4.625	2.875	1.875	3.875	4.125	4.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
24502A	Biological and Agricultural Technologists	5	3.500	3.625	3.500	3.125	1.750	3.125	3.125	2.625	3.500	3.750	4.000	3.125	3.500	3.625	1.750	3.500	3.125	2.375	3.375	3.750	4.125
24502B	Artificial Breeding Technicians	2	2.875	2.875	2.875	2.625	1.625	2.875	2.750	2.375	2.750	3.500	3.625	2.750	3.250	3.000	1.375	2.625	2.750	2.375	2.875	2.375	3.500
24502C	Biological and Agricultural Technicians	2	2.625	2.875	3.250	2.750	1.625	3.250	2.625	2.750	2.500	2.625	3.625	2.500	2.500	3.125	1.750	2.500	3.125	3.250	3.000	2.875	2.500
24502D	Biology Specimen Technicians	3	2.625	2.625	3.250	2.875	1.500	3.125	2.500	2.625	2.500	3.000	3.875	2.625	2.625	3.125	1.500	2.375	3.250	3.250	2.625	3.125	2.750
24505A	Chemical Technicians	3	3.375	3.250	3.500	3.125	2.625	3.250	3.250	3.250	2.750	2.500	3.875	2.750	2.750	3.500	1.750	2.875	3.500	3.125	3.125	3.375	3.125
24505B	Food Science Technicians	2	3.125	2.875	3.500	3.000	2.125	3.250	3.000	3.000	2.625	3.000	3.875	2.875	2.750	3.875	1.500	2.750	3.500	2.875	3.125	3.500	3.125
24505C	Assayers	4	2.625	2.750	3.250	2.625	1.625	3.500	3.000	2.500	2.250	3.750	3.750	2.500	2.875	3.375	1.125	2.625	3.000	2.875	2.500	2.875	3.000
24505D	Textile Science Technicians	2	3.500	3.250	3.250	3.250	2.125	3.500	3.125	2.875	2.875	3.125	4.125	2.750	3.000	3.375	2.000	2.875	3.375	2.750	3.000	3.250	3.375
24505E	Environmental Science Technicians	3	3.375	3.375	3.625	3.125	2.500	3.625	3.250	2.875	3.250	3.625	3.375	3.375	3.500	3.875	2.125	3.250	3.500	2.875	3.250	3.250	3.375
24508A	Nuclear Equipment Operation Technicians	3	3.750	3.250	3.625	3.250	2.125	3.875	4.375	3.250	2.750	3.625	3.625	3.125	3.125	3.625	1.500	3.250	3.750	3.500	2.750	3.125	3.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
24508B	Nuclear Monitoring Technicians	3	3.500	3.250	3.500	3.250	2.875	4.000	4.250	3.125	2.625	3.125	3.500	3.375	3.375	3.875	2.250	3.500	3.750	3.500	2.750	3.000	3.250
24511B	Geological Data Technicians	3	3.375	3.000	3.375	2.750	2.875	3.500	3.375	3.125	3.000	2.875	3.875	2.875	3.250	3.375	1.250	3.000	3.250	3.000	3.250	2.750	3.250
24511E	Geological Sample Test Technicians	3	2.875	2.750	3.125	3.375	2.875	3.625	3.375	3.250	2.500	2.625	4.000	3.000	3.250	3.375	1.375	3.000	3.375	3.250	3.000	3.125	3.125
24599A	Meteorological Technicians	3	3.625	3.625	3.375	3.125	2.250	3.375	2.875	3.125	3.125	3.000	4.250	3.500	3.375	3.875	1.750	3.250	3.375	2.500	3.375	3.125	3.500
24599B	Criminalists and Ballistics Experts	4	3.875	4.000	3.375	3.000	2.875	3.250	3.250	3.000	3.500	2.875	2.750	3.625	3.500	3.750	2.375	3.500	3.500	2.875	3.625	3.125	4.125
24599C	Scientific Helpers	2	2.375	2.375	3.000	3.125	1.125	3.250	2.125	2.875	1.875	2.250	3.625	2.125	1.875	2.875	1.750	2.375	3.125	3.500	2.625	3.000	1.625
25102	Systems Analysts, Electronic Data Processing	3	4.250	3.625	3.750	3.500	3.000	4.375	4.125	3.375	4.125	3.500	3.500	3.500	4.125	4.250	2.750	3.375	3.750	2.750	3.250	3.625	4.125
25103A	Database Administrators	4	3.875	3.375	3.625	3.375	3.250	4.125	4.000	3.500	3.750	3.125	3.625	3.375	3.875	4.250	2.750	3.375	3.750	2.625	3.125	3.875	3.625
25103B	Geographic Information System Specialists	5	3.875	3.625	3.500	3.000	3.125	3.750	3.500	3.375	3.500	3.250	3.750	3.250	3.750	3.625	2.250	3.250	3.625	2.750	3.250	4.000	3.875
25104	Computer Support Specialists	4	3.750	3.750	3.750	3.750	3.250	3.875	3.750	3.500	3.750	3.000	3.625	3.500	3.375	4.000	3.375	3.375	3.625	3.250	3.750	4.000	4.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
25105	Computer Programmers	4	4.250	4.000	3.750	3.750	3.250	4.000	4.000	3.250	4.250	3.375	3.750	3.375	3.375	4.250	2.875	3.625	3.625	3.000	3.000	3.875	4.125
25111	Programmers- Numerical, Tool, and Process Control	3	3.625	3.375	3.625	3.375	2.375	3.750	3.875	3.000	3.500	3.875	4.125	3.000	3.250	3.500	2.000	3.000	3.625	3.125	3.000	3.500	3.750
25199A	Data Communications Analysts	4	4.125	3.750	3.500	3.625	3.125	3.875	4.125	3.000	3.625	3.375	3.750	3.375	3.375	3.875	2.625	3.375	3.500	2.750	3.000	3.875	3.875
25302	Operations and Systems Researchers and Analysts, Except Computer	4	4.375	3.875	3.625	3.125	2.750	4.125	3.875	3.000	4.375	3.500	3.250	3.750	4.250	3.500	2.625	3.375	3.375	2.125	3.500	4.125	4.500
25312	Statisticians	4	4.625	3.875	3.375	3.250	2.500	3.750	3.875	2.875	3.875	4.250	3.625	3.375	4.000	3.750	1.750	3.625	3.250	2.000	3.250	4.125	4.625
25313	Actuaries	5	3.750	3.250	3.375	3.500	2.250	3.875	3.500	3.000	3.000	3.750	3.250	3.375	3.500	3.875	2.000	3.375	3.750	2.500	2.875	4.125	4.125
25315	Financial Analysts, Statistical	5	4.125	3.625	3.625	3.625	2.875	4.000	4.375	3.125	3.875	3.625	2.875	3.875	3.750	3.875	2.750	3.875	3.750	2.250	3.125	4.125	4.500
25319A	Mathematicians	5	4.625	4.000	3.625	3.125	2.750	3.625	3.375	2.875	4.000	4.250	3.875	3.500	4.125	4.000	1.750	3.625	3.000	1.875	2.750	4.250	4.750
25319B	Weight Analysts	4	4.125	3.875	3.375	3.125	2.750	3.875	3.375	3.125	3.750	3.625	3.750	3.375	3.750	4.000	1.750	3.375	3.625	2.250	2.875	3.625	4.000
25323	Mathematical Technicians	4	3.875	3.250	3.375	3.500	2.000	3.375	2.875	3.000	3.000	3.375	3.750	2.875	3.000	3.500	1.875	3.125	3.625	2.875	2.875	3.875	3.375



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
27102A	Economists	5	4.375	4.125	3.625	3.250	3.750	3.625	3.750	3.125	3.875	3.875	3.375	3.500	4.000	4.000	2.625	3.625	3.250	1.750	2.875	4.250	4.625
27102B	Market Research Analysts	4	3.750	3.500	3.500	3.500	2.500	3.750	3.375	3.125	3.375	3.250	3.250	3.625	3.375	3.500	2.250	3.250	3.000	2.500	3.500	4.000	4.000
27105	Urban and Regional Planners	4	4.250	4.000	3.375	3.125	3.250	3.250	3.500	3.250	4.000	2.875	2.750	3.500	3.500	3.625	1.750	3.625	3.375	2.375	3.375	3.625	4.375
27108A	Developmental Psychologists	4	4.500	4.375	3.125	2.500	2.375	3.000	3.250	2.750	4.250	3.750	3.125	3.500	4.500	3.875	3.875	3.875	2.250	1.250	3.750	4.500	5.000
27108C	Experimental Psychologists	5	4.375	4.250	3.250	2.500	2.625	2.500	3.375	2.750	4.500	4.000	3.125	3.500	4.500	3.875	2.625	3.875	1.875	1.250	3.750	4.500	4.875
27108D	Educational Psychologists	4	4.500	4.375	3.750	2.750	3.250	3.125	3.375	3.250	4.375	3.000	3.000	3.500	4.125	4.125	4.250	3.875	2.750	1.625	3.500	4.125	4.625
27108E	Social Psychologists	5	4.250	4.250	3.125	2.375	2.500	2.625	3.375	2.875	4.500	3.750	3.375	3.625	4.375	3.750	2.875	3.750	1.875	1.375	3.500	4.625	4.750
27108G	Clinical Psychologists	4	4.625	4.500	3.500	2.375	3.375	2.375	4.125	2.625	4.625	3.375	2.625	4.000	4.625	4.250	4.875	4.125	2.000	1.250	3.875	4.500	4.875
27108H	Counseling Psychologists	5	4.500	4.625	3.500	2.500	3.125	2.000	3.750	2.500	4.500	3.125	2.875	4.000	4.375	4.375	4.875	3.875	1.625	1.125	3.875	4.500	4.750
27108J	Industrial-Organizational Psychologists	5	4.000	4.000	3.625	3.375	3.625	3.250	4.250	3.250	4.375	3.000	3.125	3.875	3.750	3.500	3.250	3.875	3.000	1.500	3.875	4.500	4.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
27199A	Political Scientists	5	3.875	3.625	3.375	3.000	2.500	2.500	3.500	2.625	3.875	3.375	2.625	3.375	4.000	3.500	2.125	3.250	2.250	1.375	3.375	4.250	4.625
27199B	Sociologists	3	4.125	3.875	3.375	2.625	2.875	3.000	3.000	2.750	4.250	3.125	3.500	3.250	4.250	3.500	2.750	3.375	2.875	1.500	3.250	4.250	4.375
27199C	Anthropologists	4	4.250	4.000	3.125	2.500	2.750	2.625	2.875	2.750	4.125	3.000	3.875	3.375	4.125	3.375	2.000	3.625	2.250	1.250	3.625	3.125	4.500
27199D	Linguistic Scientists	5	4.375	4.500	3.250	2.500	2.750	3.125	3.000	2.750	4.250	3.500	3.750	3.625	4.125	3.375	3.250	3.500	2.500	1.375	3.500	4.125	4.750
27199E	Historians	4	4.000	4.125	3.125	2.500	2.875	3.125	2.875	3.000	3.625	3.750	3.375	3.625	4.000	3.250	2.125	3.375	2.625	1.500	3.250	4.250	4.625
27199F	Intelligence Specialists	4	4.250	4.125	3.500	3.375	3.375	3.875	3.625	2.875	3.500	3.125	2.625	3.000	3.625	3.750	2.125	3.500	3.750	3.250	3.875	3.250	3.875
27199G	Genealogists	4	3.375	3.875	3.125	2.125	1.875	2.375	3.000	2.250	3.250	4.000	3.625	3.125	3.375	3.000	3.750	3.250	2.000	1.625	3.125	4.250	4.625
27199H	Archeologists	4	4.000	4.250	3.000	2.375	2.375	2.500	2.875	3.125	4.000	3.125	3.500	3.750	4.125	2.625	2.000	3.625	2.250	1.750	3.000	3.000	4.500
27302	Social Workers, Medical and Psychiatric	4	3.875	4.000	4.000	2.875	3.250	3.625	2.875	3.250	3.750	2.750	2.750	2.875	3.875	3.875	4.625	3.375	3.500	2.125	3.375	3.250	4.000
27305A	Community Organization Social Workers	4	3.875	4.125	3.875	3.000	3.750	3.250	2.875	3.250	3.750	2.500	3.000	3.250	4.125	3.750	4.250	3.500	3.250	2.375	3.625	3.500	4.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
27305B	Social Workers	4	3.750	4.000	4.250	3.125	3.375	3.375	2.750	3.000	3.375	2.625	2.625	3.000	3.625	4.000	4.625	3.500	3.625	2.500	3.625	3.250	4.125
27305C	Probation and Correctional Treatment Specialists	3	3.375	3.125	3.750	2.875	3.125	3.625	2.500	2.750	2.875	3.000	2.250	2.625	3.125	3.750	4.000	2.875	3.750	2.625	3.125	2.750	3.500
27307	Residential Counselors	3	3.125	3.500	3.250	2.375	3.125	3.375	2.625	3.250	3.125	2.625	3.000	3.000	3.375	3.000	4.250	2.875	3.875	3.125	3.125	3.750	3.625
27308	Human Services Workers	2	3.000	3.250	3.375	3.000	3.250	3.500	2.500	3.250	2.875	2.625	3.000	2.875	3.000	3.250	4.125	2.875	3.625	3.250	3.375	3.375	3.125
27311	Recreation Workers	3	3.375	3.250	3.500	2.625	3.250	3.375	2.500	3.750	3.750	2.375	3.500	2.875	3.500	2.875	4.000	2.875	3.375	2.875	3.500	3.375	3.875
27502	Clergy	5	4.000	4.750	3.250	2.625	3.125	2.625	1.625	3.250	3.500	3.000	2.875	4.125	3.750	4.375	4.625	5.000	1.625	1.250	3.125	3.625	4.750
27505	Directors, Religious Activities and Education	5	3.750	4.125	3.500	2.625	3.375	3.125	2.500	3.375	3.750	2.375	3.375	3.625	3.500	3.500	4.375	4.250	2.250	1.875	3.125	4.000	4.000
28102	Judges and Magistrates	5	4.250	4.125	3.375	2.875	3.875	3.375	4.125	2.625	2.875	3.250	2.250	4.250	5.000	4.625	3.500	4.625	1.875	1.250	3.875	4.375	4.875
28105	Adjudicators, Hearings Officers, and Judicial Reviewers	5	3.750	3.500	3.250	3.250	3.375	3.500	3.375	2.625	2.500	3.250	2.125	3.250	4.125	4.250	3.250	3.500	2.625	1.875	3.500	4.250	4.500
28108	Lawyers	5	4.625	4.125	3.375	3.250	3.625	3.250	4.500	2.750	4.000	3.375	2.125	4.000	4.250	3.875	3.875	3.500	2.125	1.500	3.625	4.000	4.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
28302	Law Clerks	4	3.375	3.375	3.750	3.375	2.250	3.500	2.875	3.250	2.750	3.375	2.875	3.000	2.625	3.500	3.125	3.250	3.375	3.000	3.250	4.000	3.000
28305	Paralegals and Legal Assistants	4	3.625	3.250	3.750	3.250	2.625	3.625	3.125	3.250	2.750	3.250	3.125	3.125	2.875	3.625	3.250	3.250	3.250	2.625	3.375	4.125	3.625
28308	Title Searchers	2	3.125	3.000	3.250	3.125	2.125	3.750	2.875	2.750	2.500	3.875	3.625	2.750	3.000	3.500	2.750	2.750	3.500	3.250	2.625	3.625	3.375
28311	Title Examiners and Abstractors	3	3.250	3.000	3.375	3.000	2.750	3.875	2.875	3.000	2.375	3.625	3.375	2.750	2.875	3.500	2.875	2.750	3.500	3.125	2.750	3.500	3.500
31114	Nursing Instructors- Postsecondary	5	4.375	4.500	3.625	2.875	4.375	3.750	3.250	4.125	3.750	2.000	3.500	3.750	4.125	3.750	4.125	4.125	3.125	2.500	3.375	4.125	4.250
31117	Graduate Assistants, Teaching	5	3.750	3.875	3.000	2.125	3.750	3.500	2.125	4.125	3.375	2.750	3.500	2.875	3.375	2.625	3.875	3.375	3.500	3.000	3.375	4.000	2.875
31202	Life Sciences Teachers- Postsecondary	5	4.375	4.500	3.375	2.875	4.250	3.875	3.250	4.000	4.125	2.375	3.500	3.750	4.125	3.625	4.125	4.125	3.125	1.875	3.375	4.125	4.125
31204	Chemistry Teachers- Postsecondary	5	4.375	4.500	3.375	2.875	4.250	3.875	3.375	4.000	4.125	2.375	3.500	3.875	4.125	3.625	4.125	4.125	3.125	1.875	3.375	4.125	4.250
31206	Physics Teachers- Postsecondary	5	4.375	4.625	3.375	2.875	4.250	3.875	3.375	4.000	4.125	2.375	3.500	3.875	4.125	3.625	4.125	4.125	3.125	1.875	3.375	4.125	4.250
31210	Social Science Teachers- Postsecondary	5	4.375	4.500	3.375	2.875	4.375	3.875	3.250	4.000	4.125	2.375	3.500	3.750	4.250	3.625	4.125	4.125	3.125	1.875	3.375	4.125	4.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
31212	Health Specialties Teachers- Postsecondary	5	4.375	4.500	3.375	2.875	4.375	3.875	3.375	4.000	4.125	2.375	3.500	3.750	4.250	3.625	4.125	4.125	3.125	1.875	3.375	4.125	4.250
31216	English and Foreign Language Teachers- Postsecondary	5	4.375	4.500	3.375	2.875	4.375	3.875	3.125	4.000	4.000	2.375	3.500	3.625	4.125	3.625	4.125	4.000	3.125	1.875	3.375	4.125	4.250
31218	Art, Drama, and Music Teachers- Postsecondary	5	4.500	4.500	3.375	2.875	4.375	3.875	3.125	4.000	4.125	2.375	3.500	3.750	4.125	3.625	4.125	4.000	3.125	1.875	3.500	4.250	4.250
31222	Engineering Teachers- Postsecondary	5	4.500	4.500	3.375	2.875	4.375	3.875	3.250	4.000	4.125	2.375	3.375	3.750	4.250	3.750	4.125	4.125	3.125	1.875	3.375	4.250	4.250
31224	Mathematical Sciences Teachers- Postsecondary	5	4.500	4.500	3.375	2.875	4.375	3.875	3.250	4.000	4.000	2.375	3.375	3.625	4.125	3.750	4.125	4.125	3.125	1.875	3.375	4.250	4.250
31226	Computer Science Teachers- Postsecondary	5	4.500	4.500	3.375	2.875	4.375	3.875	3.250	4.000	4.125	2.375	3.375	3.875	4.125	3.750	4.125	4.125	3.125	1.875	3.375	4.250	4.250
31303	Teachers, Preschool	4	3.875	4.250	3.875	2.875	4.375	3.750	2.750	3.500	4.125	2.250	3.625	3.000	4.125	4.000	4.375	3.625	3.375	2.125	3.250	4.000	4.000
31304	Teachers, Kindergarten	4	3.875	4.250	3.875	2.875	4.375	3.750	2.750	3.375	4.125	2.250	3.625	3.000	4.125	4.000	4.375	3.625	3.375	2.125	3.375	4.000	4.000
31305	Teachers, Elementary School	4	4.000	4.375	4.000	2.875	4.500	3.750	2.625	3.375	4.125	2.250	3.625	3.125	4.250	4.000	4.375	3.625	3.375	2.125	3.375	4.000	4.000
31308	Teachers, Secondary School	4	4.125	4.375	4.000	2.875	4.500	3.750	2.625	3.375	4.125	2.375	3.625	3.000	4.250	4.000	4.500	3.625	3.375	2.125	3.375	4.000	4.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
31311A	Special Education Vocational Training Teachers	4	4.250	4.625	4.000	2.875	4.375	3.750	2.750	3.625	4.125	2.125	3.625	3.125	4.250	4.000	4.625	3.500	3.375	2.125	3.500	3.750	3.875
31311B	Teachers- Emotionally Impaired, Mentally Impaired, and Learning Disabled	4	4.250	4.625	4.125	2.625	4.375	3.750	2.750	3.750	4.125	2.125	3.500	3.000	4.250	3.875	4.625	3.375	3.375	2.125	3.500	3.750	3.875
31311C	Teachers- Physically, Visually, and Hearing Impaired	4	4.125	4.625	4.000	2.750	4.375	3.750	3.000	3.750	4.125	2.125	3.625	3.250	4.125	3.875	4.625	3.500	3.375	2.125	3.500	3.750	4.000
31311D	Special Education Evaluators	4	4.000	4.250	3.375	2.875	3.375	3.750	3.125	3.500	4.000	2.250	3.250	2.875	4.500	3.875	4.250	3.250	3.500	2.250	3.500	3.875	3.875
31311E	Parent Instructors, Child Development and Rehabilitation	4	4.000	4.375	3.875	2.875	4.250	3.500	2.750	3.375	4.250	2.125	3.250	2.875	4.250	3.750	4.625	3.250	3.000	2.125	3.375	3.625	4.000
31314	Teachers and Instructors, Vocational Education and Training	4	3.875	4.375	3.750	2.875	4.375	3.875	3.000	3.500	4.125	2.125	3.625	3.250	4.125	3.625	4.250	3.500	3.375	2.000	3.625	4.125	3.875
31317	Instructors, Nonvocational Education	4	4.125	4.375	4.000	2.625	4.375	3.875	2.750	3.500	4.125	2.125	3.625	3.125	4.125	3.625	4.250	3.500	3.375	2.125	3.500	4.125	4.000
31321	Instructors and Coaches, Sports and Physical Training	3	3.625	4.125	3.750	2.875	4.250	3.875	2.750	3.500	4.375	2.125	3.500	3.375	4.125	3.625	4.125	3.625	3.375	2.125	3.375	3.125	3.750
31323	Farm and Home Management Advisors	4	3.875	4.000	3.250	3.000	3.750	3.250	2.750	3.125	3.875	2.750	3.500	3.000	3.875	3.125	4.000	3.375	3.000	2.625	3.500	3.250	4.000
31502A	Librarians	4	3.750	3.625	3.625	2.250	3.875	3.500	3.000	3.875	3.375	2.625	4.250	3.000	3.875	3.875	3.500	3.500	2.875	2.625	3.000	4.500	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
31502B	Library Research Workers	3	2.875	2.875	3.125	3.000	2.125	3.500	2.625	3.125	2.250	3.500	4.375	2.125	2.625	3.000	3.625	2.500	3.500	3.125	2.625	4.500	2.875
31505	Technical Assistants, Library	2	2.875	3.000	3.250	3.250	3.250	3.750	2.750	3.750	2.750	2.750	4.375	2.500	3.000	3.125	3.750	2.750	3.500	3.125	2.875	4.500	2.750
31508	Audio-Visual Specialists	4	3.875	3.500	3.250	2.875	3.750	3.375	3.000	3.750	3.250	2.750	4.250	2.875	3.500	3.375	3.125	3.125	3.250	2.625	3.125	4.500	3.625
31511A	Curators	4	3.750	3.750	3.750	2.375	4.000	3.500	3.500	3.750	3.875	2.500	3.750	3.250	3.875	3.750	3.125	3.375	2.875	2.375	3.375	4.250	3.625
31511B	Archivists	5	3.875	3.750	3.375	2.750	3.750	3.750	3.250	3.625	3.500	2.875	4.125	2.875	3.500	3.375	2.750	3.125	3.125	2.500	3.125	4.500	3.875
31511C	Museum Research Workers	4	3.625	3.500	3.500	2.875	2.375	3.625	2.875	3.375	3.250	3.000	4.375	2.625	2.875	2.875	2.500	2.875	3.250	2.375	3.000	4.375	3.625
31511D	Museum Technicians and Conservators	3	3.875	3.875	3.500	2.750	3.125	3.625	3.125	3.750	3.250	3.000	4.375	3.000	3.125	3.375	2.375	3.125	3.375	2.750	3.000	4.125	3.375
31511E	Craft Demonstrators	2	3.125	3.250	3.500	2.500	2.250	3.375	2.625	3.125	2.875	2.500	4.500	2.750	2.875	2.750	3.125	2.875	3.125	2.875	2.875	3.750	3.250
31514	Vocational and Educational Counselors	4	3.625	4.250	3.500	2.875	3.875	3.250	2.875	3.250	3.625	2.375	3.500	3.125	3.875	3.375	4.250	3.250	3.125	2.250	3.500	4.000	3.875
31517A	Public Health Educators	5	3.750	4.125	3.500	3.000	3.625	3.500	3.125	3.500	3.625	2.250	3.625	3.500	3.750	3.625	4.125	3.750	3.375	2.375	3.625	3.875	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
31517B	Vocational Rehabilitation Coordinators	5	3.750	4.250	3.875	2.750	3.750	2.875	3.250	3.375	4.125	2.375	3.500	3.250	4.000	3.250	3.750	3.625	2.875	1.875	3.500	4.125	4.125
31517C	Laboratory Managers	4	3.750	3.625	3.500	2.875	3.875	3.625	3.250	3.500	3.625	2.500	3.625	3.125	3.500	3.625	3.250	3.625	3.375	2.500	3.375	4.000	3.875
31517D	Instructional Coordinators	5	4.000	4.250	4.000	3.500	4.125	3.375	3.500	3.750	4.125	2.250	3.375	3.375	4.125	3.750	3.500	3.500	3.250	2.125	3.625	4.125	4.250
31521	Teacher Aides, Paraprofessional	3	3.000	3.875	3.500	2.625	3.500	3.500	2.250	3.875	2.750	2.125	3.750	2.625	2.625	3.000	4.000	3.000	3.750	3.125	3.000	3.875	2.125
32102A	Doctors Of Medicine (MD)	5	5.000	5.000	4.625	2.375	4.125	2.250	4.625	4.125	3.750	2.500	3.000	4.625	4.875	4.750	5.000	5.000	2.000	1.875	4.000	3.500	4.625
32102B	Doctors Of Osteopathy (DO)	5	5.000	5.000	4.500	2.375	4.125	2.250	4.500	4.125	3.875	2.375	3.000	4.500	4.875	4.750	5.000	4.875	2.000	1.875	4.000	3.500	4.625
32102E	Psychiatrists	5	4.875	4.875	4.125	2.250	3.750	1.875	4.250	3.625	3.875	2.500	3.000	4.375	4.875	4.500	4.875	4.500	1.625	1.500	4.000	3.750	4.750
32102F	Anesthesiologists	5	4.500	4.375	3.625	2.000	3.500	2.375	4.375	3.875	3.250	2.500	3.375	3.875	4.125	4.125	4.625	4.250	2.625	2.125	3.000	3.625	3.750
32102J	Surgeons	5	5.000	5.000	4.000	2.375	4.250	2.375	4.625	4.250	3.750	2.375	2.875	4.750	4.750	4.500	4.875	4.875	2.375	2.000	3.875	3.625	4.500
32102U	Pathologists	5	4.750	4.625	4.000	2.500	4.250	2.375	4.250	4.250	4.000	2.625	3.250	4.125	4.750	4.500	4.500	4.500	2.375	2.000	3.750	3.500	4.625



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
32105A	Oral Pathologists	5	4.625	4.625	3.750	2.500	3.375	2.000	4.250	3.750	4.000	2.875	3.375	4.000	4.750	4.500	4.750	4.375	2.125	1.875	3.500	3.625	4.500
32105B	Dentists	5	4.750	4.750	4.000	2.125	3.750	1.375	4.250	3.375	3.500	2.750	3.625	4.500	4.875	4.375	4.750	4.750	1.375	1.500	3.375	3.750	4.625
32105D	Orthodontists	5	4.750	4.750	3.875	2.000	3.625	1.500	4.375	3.375	3.625	2.750	3.625	4.500	4.875	4.375	4.875	4.750	1.500	1.625	3.625	3.875	4.625
32105F	Prosthodontists	5	4.500	4.500	3.750	2.000	3.125	1.875	4.000	3.125	3.750	3.250	3.750	3.750	4.750	4.250	4.625	4.000	1.625	1.750	3.125	3.750	4.375
32105G	Oral and Maxillofacial Surgeons	5	4.750	4.875	3.875	2.000	3.500	1.875	4.625	3.750	3.750	2.750	3.375	4.625	4.875	4.500	4.875	4.750	1.750	1.875	3.625	3.625	4.625
32108	Optometrists	4	4.750	4.625	4.000	1.750	3.500	2.000	4.125	3.625	3.625	2.750	3.500	4.375	4.750	4.250	4.750	4.500	1.750	1.750	3.625	4.500	4.625
32111	Podiatrists	4	4.750	4.750	4.125	1.750	3.625	2.000	4.500	3.500	4.000	2.750	3.500	4.500	4.875	4.250	4.750	4.500	1.625	1.625	3.750	4.000	4.750
32113	Chiropractors	5	4.625	4.625	4.125	1.750	3.500	1.750	4.500	3.375	4.000	2.875	3.500	4.375	4.875	4.250	4.750	4.375	1.500	1.500	3.625	4.250	4.750
32114A	Veterinary Scientists	5	4.750	4.625	4.000	2.000	3.750	2.250	4.125	3.000	4.125	3.125	3.500	4.000	4.500	4.000	3.000	4.375	1.875	1.750	3.625	3.625	4.625
32114B	Veterinarians	5	4.875	4.875	4.250	1.750	3.875	1.750	4.125	2.625	4.250	3.125	3.500	4.500	4.750	4.250	3.375	4.500	1.500	1.500	3.875	3.625	4.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
32114C	Veterinary Inspectors	4	3.875	3.500	3.625	2.750	3.625	3.500	3.375	2.750	3.000	3.375	3.125	3.125	4.250	3.750	2.250	3.125	3.375	2.375	3.250	2.750	3.625
32302	Respiratory Therapists	3	3.875	4.125	3.750	2.875	3.125	3.125	3.375	4.000	2.625	2.125	3.625	3.000	3.250	3.750	4.625	3.625	3.125	2.375	3.125	3.500	3.125
32305	Occupational Therapists	4	4.625	4.750	3.500	3.000	3.750	3.250	3.750	4.500	3.750	2.125	3.625	3.500	3.750	3.750	4.875	4.000	3.125	2.125	3.500	3.625	3.625
32308	Physical Therapists	4	4.625	4.750	3.250	3.125	3.875	3.000	3.875	4.500	3.750	2.250	3.500	3.625	3.750	3.750	4.875	4.125	3.000	2.000	3.500	3.625	3.875
32311A	Manual Arts Therapists	4	4.125	4.625	3.125	2.875	3.375	3.000	3.250	4.375	3.875	2.125	3.750	3.375	3.500	3.625	4.875	3.750	3.000	2.125	3.250	3.500	3.375
32311B	Corrective Therapists	3	4.500	4.750	3.375	2.875	3.625	3.000	3.625	4.375	3.875	2.250	3.500	3.500	3.750	3.875	4.875	3.875	3.000	2.125	3.500	3.750	3.750
32314	Speech-Language Pathologists and Audiologists	4	4.500	4.625	3.625	2.875	4.125	3.125	3.625	4.375	4.125	2.000	3.625	3.750	3.875	4.000	4.875	4.000	3.000	2.125	3.500	4.000	4.000
32317	Recreational Therapists	4	4.125	4.500	3.375	2.875	3.500	3.250	3.375	4.375	4.000	2.125	3.750	3.500	3.750	3.750	4.875	3.875	3.375	2.250	3.500	3.625	3.750
32399A	Exercise Physiologists	4	4.000	4.375	3.375	2.750	3.500	3.125	3.250	4.125	3.625	2.125	3.750	3.500	3.500	3.750	4.750	3.875	3.375	2.375	3.500	3.750	3.375
32399B	Orientation and Mobility Therapists	3	4.125	4.375	3.375	2.875	3.625	3.125	3.250	3.750	3.500	2.125	3.875	3.375	3.750	3.875	4.750	4.125	3.250	2.500	3.500	3.875	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
32502	Registered Nurses	4	4.375	4.375	4.375	2.625	3.250	2.250	3.125	4.625	2.875	1.500	3.250	1.625	3.125	4.000	5.000	3.750	2.875	2.250	3.375	1.750	2.750
32505	Licensed Practical Nurses	3	3.875	4.125	3.875	1.500	2.625	2.125	2.750	4.375	2.500	1.375	3.375	1.625	2.250	3.625	4.875	3.375	3.000	2.375	3.000	1.750	2.125
32508	Emergency Medical Technicians	2	4.125	4.500	3.000	2.250	2.375	3.125	2.875	4.125	2.500	1.750	3.375	2.750	3.625	3.750	4.875	3.500	3.250	2.750	3.750	2.125	2.750
32511	Physician's Assistants	4	4.250	4.500	4.250	2.250	2.875	2.875	3.375	4.250	2.750	2.000	3.500	3.125	3.375	4.000	4.875	3.750	3.000	2.125	3.500	2.625	2.500
32514	Opticians, Dispensing and Measuring	4	3.875	4.250	3.625	2.250	3.375	2.750	3.625	3.500	3.375	2.500	3.875	3.375	4.000	4.125	4.500	4.125	2.500	2.000	3.125	3.875	3.875
32517	Pharmacists	4	4.500	4.250	3.875	2.000	4.000	2.750	3.625	3.750	2.750	2.750	3.500	3.750	4.000	4.375	4.000	4.250	2.625	1.875	3.125	4.250	3.750
32518	Pharmacy Technicians	2	3.250	3.250	3.750	2.625	1.750	3.375	2.875	3.875	1.625	2.625	3.750	2.375	2.125	3.750	3.375	2.875	3.125	2.750	2.500	4.125	1.875
32521	Dietitians and Nutritionists	4	4.375	4.250	3.625	2.250	4.000	2.875	3.375	3.875	3.875	2.125	3.625	3.375	3.750	4.000	4.375	3.875	3.000	2.000	3.625	4.000	3.500
32523	Dietetic Technicians	4	3.500	3.500	3.500	2.625	3.000	3.250	2.875	3.875	2.875	2.500	3.625	2.375	3.000	3.625	3.875	2.875	3.250	3.000	3.250	3.875	2.500
32902	Medical and Clinical Laboratory Technologists	4	4.000	3.750	3.875	3.000	2.875	3.250	3.125	3.500	2.500	3.000	3.625	2.750	3.250	3.750	3.000	3.375	3.125	2.625	3.375	3.625	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
32905	Medical and Clinical Laboratory Technicians	2	3.875	3.625	3.750	2.875	1.875	3.250	3.000	3.500	1.625	3.125	3.875	2.500	2.625	3.750	2.875	3.000	3.375	2.625	2.750	3.375	2.625
32908	Dental Hygienists	3	3.750	3.750	3.500	2.625	3.125	2.625	2.875	3.750	2.000	2.750	4.125	2.875	2.750	4.000	4.500	3.500	2.625	2.250	2.625	3.250	2.250
32911	Medical Records Technicians	3	2.875	2.750	3.750	2.500	1.875	3.375	2.875	3.000	2.000	3.375	4.250	2.125	2.500	3.750	2.750	2.750	3.500	2.750	2.375	3.875	2.625
32913	Radiation Therapists	4	3.625	3.500	3.500	2.375	2.250	3.250	3.250	3.750	1.875	2.625	4.000	2.625	2.625	3.750	3.750	3.125	3.375	2.500	3.000	3.125	2.875
32914	Nuclear Medicine Technologists	4	3.875	3.750	3.375	2.375	3.000	3.250	3.375	3.500	2.625	2.750	3.875	2.875	3.000	3.750	3.500	3.375	3.250	2.250	3.375	3.125	2.875
32919	Radiologic Technologists	4	4.250	3.750	3.375	2.625	3.375	3.250	3.375	3.750	2.625	2.625	3.750	2.875	3.375	4.000	3.750	3.375	3.125	2.250	3.250	3.125	3.250
32921	Radiologic Technicians	4	3.000	3.125	3.250	2.750	2.500	3.375	2.875	3.500	1.875	3.000	4.125	2.375	2.625	3.500	3.625	2.875	3.250	2.500	2.625	3.000	2.500
32923	Electroneurodiagnostic Technologists	2	3.250	3.500	3.000	2.625	2.250	3.750	3.625	3.375	2.000	2.625	3.875	3.125	2.500	3.625	4.125	3.500	3.375	2.375	2.750	3.625	3.125
32925	Cardiology Technologists	3	3.750	3.750	3.000	2.750	2.500	3.875	3.750	3.500	2.125	2.750	4.000	3.500	2.750	3.750	4.125	3.625	3.500	2.250	2.750	3.625	3.125
32926	Electrocardiograph Technicians	2	3.250	3.250	2.875	2.750	2.750	3.750	3.500	3.625	1.750	2.750	3.875	3.000	2.375	3.750	4.125	3.375	3.750	2.625	2.500	3.750	2.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
32928	Surgical Technologists and Technicians	3	2.750	3.250	2.875	2.750	1.875	3.750	3.125	3.500	1.750	2.125	4.125	3.000	1.875	4.000	3.875	3.125	3.750	2.625	2.875	3.375	2.250
32931	Psychiatric Technicians	3	3.000	3.125	3.500	3.000	2.625	3.625	3.250	3.875	2.500	2.125	3.250	3.000	2.375	3.875	4.875	3.000	3.875	2.875	3.000	3.000	2.500
32996A	Health Service Coordinators	3	3.750	3.750	3.375	3.250	3.375	3.875	3.625	3.625	3.500	2.750	3.250	3.500	3.625	3.875	4.125	3.500	3.500	2.375	3.625	4.250	4.125
32996B	Transplant Coordinators	5	3.875	4.375	3.250	3.000	3.500	4.125	3.750	3.625	3.000	2.625	2.875	3.625	3.625	3.750	4.500	4.125	3.500	2.500	3.500	3.875	3.875
32996C	Occupational Health and Safety Specialists	5	3.875	3.625	3.000	2.875	3.250	3.750	3.625	3.250	3.500	2.875	3.250	3.500	3.750	3.625	3.125	3.500	3.375	2.125	3.500	3.625	4.125
32999A	Orthotists and Prosthetists	3	4.125	4.500	3.125	2.875	3.375	3.750	3.750	3.500	3.000	2.750	4.000	3.625	3.375	3.750	4.500	3.625	3.625	2.250	3.375	3.750	3.750
32999B	Pheresis Technicians	4	3.000	3.375	3.125	3.125	2.375	3.500	3.125	3.875	1.875	2.750	4.000	3.125	2.625	3.750	4.125	3.125	3.625	2.750	2.500	3.375	2.875
32999C	Optometric and Ophthalmic Technicians	3	3.375	3.750	3.125	2.500	2.750	3.000	3.125	3.375	2.250	2.750	3.875	3.250	2.500	3.750	4.000	3.375	3.500	3.000	2.875	3.875	2.750
32999D	Audiometrists	3	2.250	2.875	2.750	2.625	2.250	3.125	2.875	3.000	1.625	3.125	4.000	2.500	2.000	3.250	3.625	2.875	3.500	3.250	2.125	4.000	2.375
32999E	Dialysis Technicians	3	3.000	3.500	3.125	2.625	2.375	3.750	3.250	3.625	1.875	2.500	3.875	3.250	2.375	3.750	4.625	3.375	3.500	2.750	2.250	3.500	2.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34002A	Columnists, Critics, and Commentators	4	4.500	4.250	2.875	2.750	2.000	3.125	3.375	3.125	4.625	4.250	3.000	4.125	4.000	3.625	2.125	3.625	3.250	2.000	3.500	4.125	4.125
34002B	Poets and Lyricists	4	4.500	4.375	2.250	1.750	1.500	2.125	2.500	2.125	4.750	4.500	3.750	4.000	4.000	2.375	2.000	3.250	2.000	1.500	3.250	4.000	4.375
34002C	Creative Writers	4	4.750	4.625	2.500	2.000	1.625	2.125	3.000	2.250	4.875	4.125	3.375	4.125	3.875	2.375	1.750	3.250	2.250	1.500	3.000	4.125	4.375
34002D	Editors	4	4.375	4.375	3.750	3.250	3.000	3.750	3.375	3.625	4.500	3.500	2.750	4.000	4.250	4.000	2.125	3.875	3.625	2.375	3.500	3.875	4.250
34002E	Managing Editors	5	4.625	4.500	4.000	2.750	4.125	3.875	3.625	3.750	4.625	2.625	2.750	4.125	4.375	4.125	2.250	4.125	3.500	2.250	3.625	4.000	4.625
34002F	Programming and Script Editors and Coordinators	4	4.250	4.000	3.625	2.875	3.750	3.500	3.625	3.500	4.375	3.000	3.000	3.750	4.250	3.500	2.250	3.625	3.500	2.625	3.375	4.250	4.500
34002G	Book Editors	5	4.125	4.125	3.375	3.125	3.375	3.750	3.500	3.375	4.125	3.125	3.125	3.750	4.125	3.875	2.375	3.750	3.500	2.125	3.250	4.250	4.500
34002H	Readers	3	3.375	3.375	3.375	3.375	2.375	3.625	2.750	3.250	2.750	3.750	3.375	3.000	3.500	3.250	2.000	2.875	3.250	2.375	3.125	4.000	3.625
34002J	Caption Writers	3	4.000	3.750	3.000	2.875	2.375	3.375	3.375	3.000	2.875	3.500	3.750	3.250	3.000	3.000	2.500	2.875	3.375	2.500	3.375	4.000	3.500
34002L	Copy Writers	4	4.000	3.875	3.125	3.625	2.000	3.500	3.125	3.375	4.500	3.500	3.125	3.750	3.875	3.500	1.750	3.375	3.375	2.375	3.375	3.875	3.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34002M	Dictionary Editors	5	3.625	3.750	3.250	2.875	2.500	3.625	3.125	2.875	3.250	3.500	4.000	3.375	3.750	3.500	1.625	3.250	3.375	2.000	2.875	4.125	4.250
34005	Technical Writers	5	4.250	4.250	3.625	3.250	3.125	3.750	3.500	3.500	4.000	3.250	3.500	3.625	4.000	3.625	2.000	3.625	3.625	2.500	3.125	3.875	3.625
34008	Public Relations Specialists and Publicity Writers	4	4.125	4.125	3.500	3.375	3.250	3.625	3.750	3.625	4.500	3.000	2.375	3.875	3.750	3.500	2.500	3.375	3.250	2.250	3.625	3.750	3.625
34011	Reporters and Correspondents	4	4.250	4.000	3.375	3.750	2.500	3.750	3.000	3.375	3.875	3.250	2.500	3.875	3.500	3.750	2.125	3.250	3.625	2.500	3.750	3.375	3.125
34014	Broadcast News Analysts	4	4.000	4.125	3.375	3.375	2.500	3.750	3.625	3.500	3.875	3.125	2.875	3.875	3.625	3.625	2.000	3.750	3.500	2.500	3.625	4.000	3.500
34017	Announcers, Radio and Television	2	3.750	3.625	3.250	3.125	2.500	3.375	3.000	3.250	3.625	3.250	3.125	4.000	3.500	3.500	2.375	3.500	3.625	2.500	3.500	4.125	3.500
34021	Announcers, Except Radio and Television	3	3.375	3.500	2.750	3.000	2.250	3.375	3.000	3.250	3.375	3.375	3.500	3.750	3.500	3.125	2.500	3.375	3.250	2.750	3.375	3.625	3.125
34023A	Professional Photographers	3	4.375	4.250	2.750	2.750	2.750	3.000	3.125	2.750	4.500	3.750	3.500	3.750	4.000	3.000	2.375	3.250	2.375	1.875	3.750	3.375	4.125
34023B	Photographers, Scientific	3	4.375	4.250	3.000	2.750	2.375	3.000	3.250	2.625	4.000	4.000	3.500	3.625	3.750	3.125	1.625	3.250	2.750	2.125	3.375	3.500	4.000
34026	Camera Operators, Television and Motion Picture	4	4.250	3.750	3.125	3.000	3.000	3.500	3.500	3.375	3.250	2.500	3.625	3.625	3.250	3.250	2.000	3.250	3.500	2.750	3.625	3.625	3.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34028B	Broadcast Technicians	4	3.625	3.625	3.125	3.375	2.625	3.750	3.375	3.375	2.750	2.750	3.750	3.250	3.125	3.625	2.000	3.125	3.625	3.000	3.500	3.625	3.250
34028C	Transmitter Engineers	4	3.250	3.500	3.250	3.125	2.375	3.500	2.875	2.750	2.625	3.625	4.125	3.125	3.125	3.500	1.625	3.000	3.500	2.875	2.625	3.375	3.250
34032	Film Editors	4	3.625	3.875	3.000	2.875	3.625	3.625	3.750	2.875	3.875	2.875	3.375	3.875	3.875	3.125	1.750	3.875	3.250	2.125	3.625	3.625	4.000
34035A	Painters and Illustrators	4	4.875	4.625	2.750	2.375	1.750	2.375	3.250	2.000	4.750	4.500	4.125	4.000	4.125	2.500	1.750	3.375	2.125	1.250	3.625	3.875	4.625
34035B	Sketch Artists	3	4.500	4.500	3.000	2.375	1.875	2.875	2.750	2.375	4.125	3.625	3.875	3.375	3.625	3.125	2.875	3.250	2.750	1.625	3.500	3.750	3.875
34035C	Graphic Designers	4	4.875	4.500	3.125	3.000	2.375	3.125	3.500	2.875	4.500	3.875	3.750	4.000	3.625	3.250	2.375	3.500	3.125	2.125	3.750	4.125	4.000
34035D	Cartoonists and Animators	4	4.375	4.375	2.750	2.250	1.750	3.000	3.250	2.125	4.750	4.250	4.000	4.125	3.625	3.000	1.875	3.375	2.750	1.500	3.500	4.250	4.375
34035E	Sculptors	5	5.000	4.625	2.500	1.875	1.375	1.625	3.000	1.500	5.000	5.000	4.375	4.000	4.500	2.250	1.625	3.375	1.250	1.125	3.250	3.750	4.750
34038A	Fashion Designers	3	4.625	4.625	3.125	2.875	3.375	3.125	3.750	3.250	5.000	3.625	4.125	4.000	4.250	3.375	2.375	3.500	3.125	2.125	3.750	4.000	4.250
34038B	Commercial and Industrial Designers	4	4.625	4.625	3.500	3.000	3.125	3.750	4.000	3.500	4.625	3.625	3.875	3.875	4.000	3.750	2.125	3.750	3.625	2.250	3.750	4.125	4.125



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34038C	Set Designers	5	4.625	4.500	3.000	2.750	3.625	3.125	3.500	3.750	4.625	3.125	4.125	3.875	3.875	3.125	2.250	3.500	3.125	2.125	3.625	3.625	4.250
34038D	Exhibit Designers	4	4.375	4.375	3.125	2.750	3.125	2.875	3.125	3.250	4.500	3.625	4.125	3.875	3.875	3.250	2.250	3.500	2.875	2.000	3.750	3.875	4.250
34038E	Art Directors	4	4.750	4.625	3.750	3.125	4.000	3.750	3.625	3.625	4.750	3.125	3.875	4.125	4.375	3.500	2.375	3.625	3.000	1.875	3.875	4.125	4.625
34038F	Floral Designers	2	4.000	4.250	3.125	2.500	2.750	3.000	2.875	3.000	4.375	3.750	4.250	3.500	3.750	3.250	3.125	3.000	2.875	2.375	3.250	3.750	3.875
34041	Interior Designers	4	4.625	4.500	3.250	2.750	3.000	2.875	3.875	2.750	4.625	3.750	3.750	4.250	4.125	3.125	3.500	3.375	2.500	1.625	3.750	4.000	4.375
34044	Merchandise Displayers and Window Trimmers	3	4.250	4.000	3.125	2.875	2.000	3.250	2.875	2.875	4.250	3.750	4.125	3.500	3.625	3.125	2.500	2.875	3.125	2.375	3.375	3.875	3.625
34047A	Music Directors	5	4.625	4.500	2.875	2.750	4.000	3.250	3.250	3.750	4.375	2.375	4.125	4.125	4.500	3.375	2.500	3.625	2.375	1.375	3.375	3.875	4.500
34047B	Music Arrangers and Orchestrators	4	4.875	4.500	2.875	2.750	1.875	2.625	3.000	2.375	4.375	4.250	4.250	3.625	4.250	2.750	2.125	3.375	2.375	1.375	3.250	4.125	4.625
34047C	Singers	2	4.750	4.500	2.250	2.250	1.500	2.375	2.875	2.375	3.750	3.125	4.375	3.875	3.125	2.000	2.625	3.125	1.750	1.500	3.250	3.625	3.750
34047E	Composers	5	4.875	4.500	3.125	2.250	1.625	2.000	2.875	2.000	4.875	4.625	4.625	4.125	4.500	2.500	2.250	3.500	1.875	1.250	3.250	3.875	4.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34047F	Prompters	4	3.125	3.000	2.750	2.250	3.625	2.625	2.500	3.375	1.625	2.375	4.625	2.250	2.125	2.625	3.750	2.500	2.875	2.250	2.875	3.750	2.750
34051	Musicians, Instrumental	5	4.875	4.625	2.625	2.500	2.625	2.750	2.875	3.125	4.000	3.000	4.500	4.000	3.500	2.375	2.625	3.250	2.375	1.500	3.250	3.625	3.750
34053A	Dancers	4	4.500	4.375	2.625	2.375	1.875	2.375	2.750	3.250	3.750	3.125	4.625	4.000	3.125	2.250	2.625	3.500	1.875	1.500	3.125	3.500	3.500
34053B	Choreographers	5	4.500	4.250	2.875	2.625	4.500	3.000	3.250	3.500	4.875	2.625	4.375	4.000	4.500	2.750	2.875	3.500	2.500	1.750	3.625	3.750	4.375
34056A	Actors and Performers	3	4.750	4.375	2.750	2.750	1.875	2.625	3.125	3.125	4.125	2.500	3.875	4.250	3.375	2.250	2.750	3.750	2.250	1.375	4.000	3.750	3.625
34056B	Extras/Stand-Ins	1	3.250	3.125	2.250	3.000	1.250	2.750	2.250	3.125	1.875	1.750	4.000	2.250	1.750	1.875	2.750	2.250	2.500	2.000	3.500	3.500	1.750
34056D	Amusement Entertainers	2	4.250	3.875	2.875	2.250	2.000	3.000	2.500	3.250	3.625	2.750	3.750	3.625	3.250	2.500	2.875	2.875	2.875	2.000	3.500	2.750	3.000
34056E	Equestrian Performers	2	4.500	4.000	2.625	2.000	1.750	2.250	2.375	2.375	3.875	3.500	3.875	3.375	3.375	2.000	2.625	2.750	2.125	1.625	3.125	2.500	3.625
34056F	Producers	4	4.500	4.625	3.625	2.625	4.500	3.625	4.250	3.625	4.500	2.750	3.000	4.375	4.625	3.375	2.375	4.125	2.750	1.375	3.875	3.875	4.625
34056G	Directors- Stage, Motion Pictures, Television, and Radio	4	4.375	4.500	3.500	3.125	4.625	3.500	4.125	3.500	4.500	2.375	3.375	4.375	4.500	3.125	2.500	4.000	2.500	1.500	4.000	3.750	4.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
34056H	Program Directors	5	3.750	4.125	3.750	3.125	4.500	3.875	3.750	3.500	4.125	2.625	3.125	3.875	4.250	3.875	2.250	3.875	3.250	2.125	4.125	4.000	4.375
34056J	Talent Directors	3	3.750	3.625	3.125	3.000	3.750	3.250	3.500	3.250	3.625	2.625	3.375	3.500	4.250	3.000	2.625	3.375	2.875	2.000	3.750	4.000	4.125
34056K	Technical Directors/Managers	4	4.125	4.000	3.625	3.125	4.250	3.625	3.500	3.375	3.875	2.375	3.625	3.625	4.000	3.375	2.500	3.500	3.250	2.125	3.875	3.750	4.375
34058A	Coaches and Scouts	5	3.500	4.000	2.750	2.875	3.875	3.375	3.500	3.625	3.625	2.625	3.250	3.875	4.250	3.250	3.000	3.625	3.375	1.875	3.500	3.625	4.125
34058B	Athletic Trainers	5	3.625	3.625	2.500	3.125	3.375	3.375	2.875	3.375	3.250	2.625	3.125	3.125	3.500	2.875	4.375	3.125	3.500	2.125	3.500	3.500	3.625
34058C	Professional Athletes	3	4.875	4.375	2.750	2.250	2.000	4.000	4.625	4.125	2.875	1.875	3.000	4.750	2.750	2.875	2.250	4.500	3.625	3.375	3.000	2.875	2.125
34058E	Motor Racers	2	4.250	4.250	2.375	2.000	2.375	2.750	3.875	3.000	3.125	3.625	3.125	4.125	3.500	2.500	1.375	3.750	2.500	2.125	2.875	2.375	3.625
34058F	Jockeys and Sulky Drivers	3	4.250	4.250	2.500	2.000	3.000	3.125	3.625	3.250	3.125	3.500	3.250	4.125	3.375	2.500	1.625	3.500	2.625	2.250	2.750	2.500	3.250
34058G	Horse Riders/Exercisers	1	3.125	3.125	3.000	2.500	2.375	2.625	2.375	3.125	2.375	3.375	3.500	2.500	2.375	2.500	2.000	2.625	2.875	2.625	2.750	2.500	2.625
34058L	Umpires, Referees, and Other Sports Officials	3	3.750	3.750	3.000	2.625	4.250	3.375	3.250	3.125	2.250	2.125	2.625	3.250	4.375	2.750	2.625	3.000	3.125	2.625	3.125	3.125	3.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
39002	Airplane Dispatchers and Air Traffic Controllers	4	4.000	4.000	3.875	2.875	4.625	4.000	3.750	3.625	1.875	2.375	3.875	3.500	4.000	4.125	2.250	3.625	3.875	3.750	2.500	3.000	3.000
39005	Traffic Technicians	4	3.125	3.125	2.875	2.875	1.875	3.500	2.875	2.750	2.000	3.625	3.750	2.750	2.625	3.375	1.500	2.750	3.500	3.000	3.250	2.875	3.000
39008	Radio Operators	3	3.500	3.750	3.250	2.875	2.750	3.750	3.125	3.125	2.000	3.500	3.750	3.125	2.750	3.625	2.375	3.000	3.750	3.125	3.250	3.500	3.250
39011	Funeral Directors and Morticians	4	3.000	3.500	2.500	2.250	3.500	2.625	3.750	2.875	2.750	3.000	3.250	3.000	3.375	4.250	3.875	3.000	2.250	2.375	2.875	2.500	4.375
39014	Embalmers	4	3.000	2.750	2.125	2.375	1.500	2.750	2.875	2.125	2.000	4.000	3.750	2.500	2.625	3.875	3.125	2.250	3.125	2.875	2.750	1.750	3.625
39999A	Interpreters and Translators	3	4.375	3.875	2.750	2.625	2.125	2.875	3.375	2.500	2.000	3.000	3.500	3.250	2.125	3.250	3.750	3.375	2.750	1.875	3.000	3.750	3.625
39999B	Agents and Business Managers of Artists, Performers, and Athletes	3	3.625	3.875	3.375	2.375	3.625	2.625	3.875	3.000	3.250	2.375	2.250	3.500	3.750	3.625	4.250	3.375	2.375	1.625	3.625	4.250	4.375
39999C	City Planning Aides	3	3.250	3.125	3.500	3.625	2.250	3.875	3.000	3.250	2.000	3.125	3.250	2.875	2.250	3.625	2.375	2.875	3.875	3.000	3.250	4.125	2.625
39999D	Studio, Stage, and Special Effects Technicians	3	3.375	3.750	3.250	3.125	2.750	3.375	3.000	3.375	3.125	2.750	3.750	3.375	3.000	3.000	2.000	3.000	3.500	2.625	3.500	3.500	3.250
39999E	Taxidermists	4	3.375	3.500	2.625	1.875	1.500	1.625	2.750	1.500	3.250	4.375	3.875	3.250	3.500	2.750	1.750	2.250	1.500	1.375	2.875	2.875	4.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
39999G	Polygraph Examiners	2	3.625	3.375	2.250	2.250	2.625	3.125	2.875	2.625	2.125	2.875	2.500	2.875	2.875	3.250	2.375	3.000	3.125	2.375	3.000	3.625	3.625
41002	First Line Supervisors and Manager/Supervisors- Sales and Related Workers	3	3.875	3.500	3.875	3.625	4.500	3.625	3.500	3.625	3.875	2.500	3.375	3.625	4.500	3.500	3.125	3.625	3.125	2.750	3.750	4.125	4.125
43002	Sales Agents and Placers, Insurance	3	3.625	3.500	3.500	3.875	2.625	3.625	3.500	3.500	2.875	3.000	3.375	3.250	4.000	3.250	3.125	3.375	3.375	3.250	3.375	4.500	3.750
43008	Sales Agents, Real Estate	2	3.750	3.500	3.500	3.125	2.750	3.375	4.125	3.375	3.125	2.750	3.375	3.875	4.375	2.000	3.250	3.625	2.750	2.625	3.625	3.750	3.875
43011	Appraisers, Real Estate	4	3.625	3.000	3.500	3.000	2.000	3.250	3.375	2.750	2.375	3.750	3.375	2.875	4.125	2.875	2.500	3.375	3.125	3.000	3.000	3.625	3.750
43014A	Sales Agents, Securities and Commodities	4	4.000	3.625	3.750	3.500	3.000	2.875	4.500	3.500	3.375	2.875	3.000	4.375	4.250	3.125	3.250	3.875	3.000	2.625	3.625	4.250	4.125
43014B	Sales Agents, Financial Services	3	3.750	3.625	3.750	3.500	2.750	3.375	4.250	3.125	3.375	3.000	3.000	4.000	4.000	3.250	3.125	3.750	3.125	2.500	3.500	4.125	4.000
43017	Sales Agents, Selected Business Services	3	3.625	3.625	3.625	3.500	2.750	3.250	3.625	3.375	3.250	2.750	3.375	3.500	3.875	3.125	3.000	3.500	3.000	2.750	3.625	3.875	3.750
43021	Travel Agents	2	3.125	3.375	3.250	2.500	2.500	3.000	3.125	2.875	3.000	2.750	4.000	3.375	3.125	3.000	3.750	3.125	2.875	2.875	3.250	4.250	3.750
43023A	Site Leasing and Promotion Agents	1	3.250	3.500	3.125	2.750	2.375	3.000	3.250	2.625	3.250	2.750	3.500	2.750	3.500	2.750	2.500	3.000	3.125	2.750	3.375	3.500	3.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
43023B	Sales Agents, Advertising	3	3.875	3.875	3.250	3.250	2.625	3.250	3.500	3.375	3.625	2.625	3.500	3.375	3.500	3.250	2.875	3.500	3.250	2.625	3.625	3.875	3.750
43099A	Sales Representatives, Service	2	3.375	3.625	3.125	3.250	2.375	3.125	3.375	3.125	3.250	2.750	3.375	3.125	3.500	3.125	3.000	3.250	3.125	2.500	3.375	3.875	3.500
43099B	Fund Raisers and Solicitors	1	3.625	4.000	3.250	2.500	3.000	3.000	2.875	3.125	3.625	2.500	3.375	3.250	3.875	2.875	3.250	3.375	2.750	2.750	3.375	3.625	3.625
49002	Sales Engineers	5	4.375	3.875	3.750	3.375	3.000	3.375	3.500	3.250	3.625	2.625	3.750	3.500	3.750	3.375	3.125	3.250	3.375	2.625	3.500	3.750	3.625
49005A	Sales Representatives, Agricultural	2	3.500	3.750	3.250	3.250	2.750	3.250	3.250	2.750	3.250	2.875	3.625	3.250	3.625	2.875	2.875	2.875	3.250	2.875	3.250	3.375	3.500
49005B	Sales Representatives, Chemical and Pharmaceutical	3	3.750	3.750	3.500	3.250	2.500	3.250	3.875	2.750	3.375	3.000	3.750	3.625	3.625	3.000	2.750	3.125	3.250	3.000	3.375	3.625	3.625
49005C	Sales Representatives, Electrical/Electronic	2	3.625	3.750	3.500	3.375	2.750	3.250	3.625	3.000	3.125	3.000	3.750	3.500	3.500	3.125	2.750	3.125	3.250	3.125	3.500	3.750	3.625
49005D	Sales Representatives, Mechanical Equipment and Supplies	2	3.625	3.875	3.375	3.250	2.750	3.750	3.750	3.000	3.125	3.375	2.625	3.625	3.625	2.750	2.625	3.125	3.500	3.125	3.750	3.625	4.250
49005F	Sales Representatives, Medical	3	3.500	3.875	3.250	3.000	2.500	3.875	3.875	3.000	3.375	3.500	2.750	3.625	3.625	3.125	2.750	3.125	3.625	3.250	3.500	3.750	4.250
49005G	Sales Representatives, Instruments	3	3.500	3.750	3.250	2.875	2.375	3.625	3.625	3.000	3.375	3.500	2.750	3.625	3.625	2.875	2.625	3.125	3.625	3.250	3.375	3.750	4.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
49008	Sales Representatives, Except Scientific and Related Products or Services and Retail	2	3.500	3.750	3.250	3.000	3.000	3.625	3.625	3.125	3.250	3.250	2.625	3.500	3.500	2.875	2.875	3.125	3.625	3.250	3.500	3.625	4.125
49011	Salespersons, Retail	2	2.875	3.250	3.250	3.500	2.125	3.250	2.625	3.750	2.750	3.125	3.000	3.250	2.875	3.000	3.250	2.625	3.750	3.750	3.250	3.750	3.125
49014	Salespersons, Parts	2	3.125	3.125	2.875	3.250	2.375	3.250	2.875	3.625	2.500	3.250	3.125	3.125	2.625	3.125	3.125	2.500	3.500	3.375	3.000	3.750	3.000
49017	Counter and Rental Clerks	1	2.375	2.500	2.750	3.000	1.625	3.125	2.500	3.500	1.875	3.250	3.500	2.375	2.125	3.000	3.125	2.375	3.375	3.375	2.625	3.750	2.500
49021	Stock Clerks, Sales Floor	1	1.500	1.625	3.500	3.000	1.375	3.250	2.375	3.000	1.750	3.500	4.000	1.500	1.625	3.000	2.000	1.875	3.125	3.125	2.125	3.000	1.875
49023A	Cashiers, General	1	1.750	2.000	3.250	2.875	1.750	3.250	2.250	3.500	1.500	3.125	3.375	1.750	1.500	3.375	2.750	1.875	3.375	3.375	1.875	2.875	2.125
49023B	Cash Accounting Clerks	2	2.875	2.875	3.500	3.125	1.875	3.375	2.875	3.000	1.750	3.625	3.125	2.625	2.625	3.250	2.125	2.500	3.500	3.250	2.625	3.875	2.875
49026	News and Street Vendors, Telephone Solicitors, Door-to-Door Sales Workers, and Other Related Workers	1	2.125	2.750	2.625	2.500	1.500	2.500	2.625	2.125	2.500	3.750	2.875	2.375	2.125	2.375	2.500	1.625	2.625	2.625	2.500	2.375	2.875
49032A	Demonstrators and Promoters	1	2.500	2.750	2.875	2.500	2.375	2.875	2.500	2.625	2.375	3.375	3.125	2.500	2.375	2.125	2.750	2.125	2.625	2.875	3.125	2.625	2.375
49032B	Models	1	2.250	3.000	2.250	2.250	1.375	2.500	3.375	2.750	2.250	2.750	3.250	3.875	1.750	2.000	1.875	3.125	2.375	1.875	2.625	3.000	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
49999A	Merchandise Appraisers and Auctioneers	3	3.500	3.375	2.750	2.500	2.375	2.250	3.375	2.375	2.750	3.375	2.750	3.000	3.625	2.875	2.750	3.000	2.250	2.125	3.250	3.625	4.000
49999B	Home Furnishings Estimators	2	2.875	3.250	2.750	2.500	2.000	3.000	3.000	2.625	2.875	3.125	3.375	3.250	3.500	2.875	3.000	2.875	2.875	2.750	3.125	3.625	3.500
49999C	Sales Consultants	2	3.000	3.375	3.250	2.875	2.500	2.875	3.000	2.875	3.250	3.375	3.125	3.375	3.000	3.000	4.250	3.125	2.875	2.750	3.500	3.750	3.625
51002A	First-Line Supervisors, Customer Service	3	3.625	3.875	4.125	3.500	4.250	3.625	3.625	3.625	3.750	2.125	3.500	3.375	3.875	3.750	3.500	3.500	3.250	3.500	3.625	4.000	4.250
51002B	First-Line Supervisors, Administrative Support	3	3.875	3.750	4.125	3.500	4.250	3.625	3.500	3.625	3.625	2.500	3.625	3.375	4.000	3.750	3.375	3.375	3.250	3.500	3.625	4.000	4.125
53102	Tellers	2	3.000	2.875	3.125	2.875	2.000	3.500	2.625	4.250	1.375	2.375	3.500	2.625	2.500	3.625	3.250	2.750	3.875	3.500	2.250	4.500	2.125
53105	New Accounts Clerks	2	3.000	2.750	3.000	3.250	2.250	3.500	2.875	3.750	2.000	2.500	3.625	2.750	2.750	3.625	3.375	2.875	3.875	3.500	2.500	4.500	2.250
53108	Transit Clerks	2	2.500	2.625	3.625	2.625	1.500	3.625	2.500	2.875	1.500	3.500	3.875	2.375	2.500	3.500	2.000	2.500	3.625	3.375	2.125	4.125	2.500
53114	Credit Authorizers	1	2.375	2.375	3.625	3.000	1.875	3.500	2.750	3.125	1.875	3.375	3.875	2.250	2.875	3.750	2.750	2.500	3.625	3.125	2.125	4.250	2.625
53117	Credit Checkers	1	2.750	2.625	3.750	3.125	1.875	3.500	2.750	3.375	2.000	2.625	3.625	2.500	2.875	3.625	2.750	2.625	3.625	3.125	2.625	4.125	2.750



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
53121	Loan and Credit Clerks	2	3.125	3.000	3.750	3.250	2.250	3.625	2.875	3.500	2.500	2.875	3.750	2.375	3.000	3.500	3.000	2.875	3.625	3.125	2.625	4.125	2.750
53123	Adjustment Clerks	2	3.000	3.125	3.625	3.125	3.000	3.500	2.875	3.500	2.750	2.500	3.500	2.500	3.250	3.500	3.000	2.875	3.750	3.125	2.750	3.875	2.750
53126	Statement Clerks	2	2.625	2.750	3.750	3.125	2.125	3.500	2.625	3.250	2.000	3.375	3.875	2.375	2.750	3.500	2.875	2.750	3.750	3.250	2.250	4.125	2.500
53128	Brokerage Clerks	2	3.000	3.125	3.875	3.000	2.125	3.500	3.125	3.500	2.125	2.875	3.500	2.750	2.875	3.625	2.625	3.125	3.500	3.000	2.875	4.250	2.625
53302	Insurance Adjusters, Examiners, and Investigators	3	3.750	3.625	3.625	3.875	2.875	4.000	3.125	3.375	2.625	3.000	3.250	2.875	3.625	3.375	2.875	3.125	3.750	3.125	3.250	3.250	3.000
53305	Insurance Appraisers, Auto Damage	4	3.250	3.125	3.250	3.625	2.375	4.000	3.125	3.250	2.500	3.250	3.250	2.875	3.625	3.375	2.875	3.125	3.750	3.125	3.125	3.125	3.000
53311	Insurance Claims Clerks	2	2.250	2.250	3.625	3.250	1.500	3.625	2.625	3.000	1.625	3.375	4.375	2.000	2.125	3.250	2.125	2.125	4.000	2.875	1.875	3.875	2.000
53314	Insurance Policy Processing Clerks	2	2.750	2.750	3.625	3.125	1.750	3.625	2.875	3.375	2.000	3.000	3.875	2.375	2.250	3.375	2.375	2.375	3.750	3.125	2.500	4.125	2.500
53502	Welfare Eligibility Workers and Interviewers	2	2.875	3.625	3.625	2.875	2.875	3.250	2.625	3.250	2.375	2.750	3.250	2.625	3.125	3.750	3.875	2.750	3.375	3.125	2.875	3.125	3.000
53505	Investigators, Clerical	1	2.750	3.000	3.375	2.875	2.250	3.375	3.000	3.000	2.375	3.375	3.500	2.375	3.250	3.375	3.125	2.625	3.375	3.125	3.000	3.750	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
53508	Bill and Account Collectors	2	2.625	2.875	3.500	2.875	2.750	3.375	3.000	2.375	2.625	3.000	2.875	2.375	3.000	3.375	2.250	2.125	3.625	3.000	3.000	2.750	3.000
53702	Court Clerks	3	2.875	3.125	3.875	2.625	3.000	3.750	3.000	3.375	1.625	2.625	3.750	2.625	2.500	3.875	2.875	3.125	3.750	3.125	3.000	3.750	3.125
53705	Municipal Clerks	2	2.625	2.875	3.500	2.625	2.000	3.750	2.875	3.125	1.500	3.125	3.875	2.500	2.500	3.750	2.750	3.000	3.875	3.000	2.625	3.875	2.875
53708	License Clerks	2	2.500	2.625	3.750	2.250	2.500	3.625	2.750	3.000	1.375	2.875	3.750	2.250	2.875	3.625	3.000	2.750	3.750	3.250	2.500	3.625	2.750
53802	Travel Clerks	2	3.000	3.250	3.750	2.750	2.625	3.625	3.000	3.000	2.000	2.750	3.750	2.625	2.750	3.375	3.625	3.000	3.625	3.125	3.125	3.875	3.125
53805	Reservation and Transportation Ticket Agents	2	2.625	3.125	3.625	2.750	2.625	3.750	2.875	3.250	2.000	2.625	3.750	2.500	2.625	3.500	3.500	2.875	3.875	3.250	2.875	3.750	3.000
53808	Hotel Desk Clerks	2	2.250	2.750	3.375	2.625	2.250	3.500	2.875	3.250	1.625	2.500	3.875	2.250	2.125	3.375	3.625	2.250	3.875	3.375	2.750	4.000	2.125
53902	Library Assistants and Bookmobile Drivers	1	2.500	2.875	3.500	2.375	2.000	3.500	2.375	3.250	1.875	3.125	4.125	2.250	2.625	3.625	3.125	2.750	3.750	3.625	2.375	3.875	2.625
53905	Teacher Aides and Educational Assistants, Clerical	1	2.875	3.375	3.625	2.500	2.750	3.625	2.750	3.500	2.125	2.250	3.875	2.750	2.250	3.375	3.625	3.125	3.750	3.500	2.875	3.750	2.125
53908	Advertising Clerks	2	3.000	2.875	4.000	3.125	1.875	3.500	3.000	3.125	1.875	3.000	4.000	2.375	2.625	3.625	2.875	2.625	3.500	3.250	3.125	3.875	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
53911	Proofreaders and Copy Markers	2	2.875	2.625	3.750	2.875	1.750	3.750	2.750	2.500	1.375	3.750	4.375	2.375	3.000	3.500	2.375	2.625	3.625	3.125	2.125	4.125	2.625
53914	Real Estate Clerks	2	2.875	2.750	3.500	3.125	1.875	3.625	3.125	3.000	1.750	3.500	4.000	2.250	2.250	3.625	2.125	2.500	3.250	3.250	2.625	4.000	2.625
55102	Legal Secretaries	3	3.125	3.000	4.000	2.625	1.625	3.750	3.375	3.125	1.875	3.000	3.625	2.375	2.375	3.625	2.750	2.750	3.375	3.125	2.500	4.000	2.750
55105	Medical Secretaries	3	2.750	2.750	3.875	2.625	1.625	3.750	3.250	3.000	1.750	3.250	3.750	2.000	2.250	3.625	2.625	2.625	3.375	3.125	2.500	3.875	2.625
55108	Secretaries, Except Legal and Medical	2	2.500	2.625	3.875	2.375	1.750	3.750	3.125	3.125	1.750	3.125	4.000	2.125	2.375	3.375	2.625	2.250	3.375	3.000	2.500	3.875	2.375
55302A	Stenotype Operators	3	2.375	2.500	3.375	2.125	1.250	3.750	3.000	2.375	1.625	3.125	4.250	1.875	2.250	3.500	2.125	2.250	3.125	2.875	2.000	4.000	2.375
55302B	Stenographers	2	2.500	2.500	3.250	2.250	1.250	3.750	3.000	2.500	1.625	3.375	4.250	1.875	2.375	3.500	2.250	2.375	3.125	2.875	1.875	3.750	2.625
55305	Receptionists and Information Clerks	1	2.875	2.750	3.625	2.500	2.500	3.750	3.000	3.125	2.125	2.625	3.625	2.250	2.250	3.250	3.000	2.500	3.375	3.250	2.750	3.625	2.500
55307	Typists, Including Word Processing	2	2.500	2.500	3.625	2.375	1.750	3.750	3.000	2.625	1.750	3.500	4.125	2.000	1.875	3.250	2.375	2.250	3.500	2.875	1.875	3.875	2.375
55314	Personnel Clerks, Except Payroll and Timekeeping	2	2.875	3.000	3.625	2.750	2.125	3.625	3.250	3.000	2.000	2.875	3.750	2.250	2.625	3.375	2.875	2.625	3.625	3.125	2.625	4.000	2.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
55317	Correspondence Clerks	2	2.750	2.625	3.625	2.500	1.875	3.625	3.250	2.875	1.875	2.875	3.625	2.250	2.250	3.375	2.875	2.250	3.500	3.000	2.500	3.750	2.625
55321	File Clerks	1	2.125	2.250	3.625	2.625	1.125	3.625	2.750	2.625	1.625	3.375	4.250	1.750	1.875	3.375	2.500	2.000	3.500	3.000	1.625	3.625	2.000
55323	Order Clerks- Materials, Merchandise, and Service	2	2.500	2.875	3.625	3.250	2.000	3.500	2.625	3.375	1.875	2.875	3.750	2.625	2.500	3.125	2.875	2.625	3.625	3.500	2.875	3.375	2.625
55326	Procurement Clerks	1	2.500	2.750	3.500	3.125	1.875	3.500	2.750	3.250	2.000	3.500	3.750	3.000	2.625	3.125	2.250	2.625	3.375	3.250	2.875	3.625	2.875
55328A	Statistical Data Clerks	2	2.875	2.875	3.375	3.125	1.750	3.250	3.000	2.875	2.000	4.125	3.875	2.750	2.375	3.250	1.500	2.875	3.250	2.750	2.375	3.750	3.125
55328B	Medical Record Clerks	2	2.625	2.625	3.625	2.875	1.500	3.375	2.875	3.375	1.500	3.250	3.750	2.500	2.000	3.500	1.750	2.750	3.375	3.000	2.125	3.625	3.000
55332	Interviewing Clerks, Except Personnel and Social Welfare	1	2.375	2.750	3.125	2.625	2.000	2.875	2.375	2.625	1.750	3.250	3.375	2.375	1.750	2.625	2.375	2.125	3.000	2.875	2.375	3.250	2.500
55335	Customer Service Representatives, Utilities	2	2.250	2.750	3.375	2.875	2.125	3.500	2.750	2.875	1.875	3.125	3.500	2.750	2.375	3.750	2.875	2.750	3.625	3.375	2.375	3.500	2.625
55338A	Bookkeeping and Accounting Clerks	2	3.375	3.125	3.625	3.375	2.250	3.625	3.000	3.000	2.125	4.000	3.125	2.875	2.875	3.500	2.375	3.000	3.375	2.875	2.875	4.000	3.500
55338B	Financial Processing and Recording Clerks	1	3.250	3.125	3.625	3.250	1.750	3.500	3.125	3.250	1.875	3.750	3.250	2.875	2.375	3.500	2.000	3.000	3.625	3.125	2.500	4.000	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
55341	Payroll and Timekeeping Clerks	2	2.875	2.875	3.375	3.250	1.750	3.500	3.000	3.250	1.875	3.750	3.000	2.750	2.375	3.500	2.250	2.875	3.500	3.250	2.625	3.875	3.125
55344	Billing, Cost, and Rate Clerks	2	3.000	3.000	3.750	3.250	2.000	3.625	3.000	3.125	1.875	3.750	3.250	2.750	2.500	3.625	2.250	2.875	3.500	3.125	2.750	3.875	3.125
55347	General Office Clerks	1	2.625	2.875	3.750	3.500	2.000	3.125	2.625	3.500	2.250	3.125	3.875	2.875	2.500	3.125	2.625	2.750	3.625	3.250	3.000	3.625	2.625
56002	Billing, Posting, and Calculating Machine Operators	1	2.250	2.375	3.750	3.125	1.375	3.375	2.625	3.000	1.500	4.000	3.875	2.750	1.875	3.375	1.625	2.375	3.750	3.375	2.125	3.375	2.625
56005	Duplicating Machine Operators	1	1.500	2.250	3.250	2.250	1.375	3.250	2.375	2.875	1.625	3.875	4.375	2.250	1.750	3.000	2.125	1.875	3.625	3.375	1.875	3.125	2.125
56008	Mail Machine Operators, Preparation and Handling	1	2.000	2.375	3.375	2.500	1.250	3.250	2.500	2.625	1.875	3.750	4.375	2.375	1.875	3.125	1.750	1.875	3.500	3.500	1.750	3.000	2.125
56011	Computer Operators, Except Peripheral Equipment	3	3.250	3.375	3.375	3.125	2.625	3.750	3.250	3.000	3.000	3.750	4.125	3.250	2.875	3.625	2.375	3.125	3.875	3.125	2.875	3.875	3.000
56014	Peripheral Electronic Data Processing Equipment Operators	2	2.750	3.125	3.250	3.125	1.625	3.500	3.125	2.875	2.250	3.875	4.250	2.750	2.500	3.375	1.750	2.625	3.875	3.250	2.750	3.625	2.750
56017	Data Entry Keyers, Except Composing	2	2.125	2.125	3.750	2.625	1.125	3.250	2.500	3.000	1.250	4.250	4.750	2.125	1.500	3.250	1.375	2.125	3.375	2.875	1.750	3.250	2.125
56021	Data Keyers, Composing	2	2.625	2.750	3.625	2.875	1.500	3.375	2.875	3.000	2.250	4.125	4.625	2.625	2.250	3.250	1.500	2.625	3.500	2.875	1.875	3.250	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
57102	Switchboard Operators	1	2.125	2.125	4.000	2.250	1.500	3.375	2.500	2.500	1.375	4.000	4.125	2.500	1.750	3.125	2.625	2.250	3.625	3.250	1.500	3.500	2.500
57105	Directory Assistance Operators	1	1.750	2.000	4.000	2.250	1.500	3.500	2.625	2.750	1.625	4.000	3.750	2.375	1.750	3.500	3.125	2.250	3.750	3.750	1.250	3.250	2.500
57108	Central Office Operators	1	1.750	2.000	3.750	2.375	1.625	3.500	2.500	2.750	1.375	3.875	4.000	2.125	1.625	3.500	3.125	2.250	3.750	3.875	1.250	3.250	2.500
57111	Telegraph and Teletype Operators	2	2.250	2.375	3.375	2.375	1.625	3.500	2.625	2.750	1.500	4.000	4.000	2.375	1.875	3.125	3.125	2.250	3.625	3.625	1.625	3.250	2.500
57302	Mail Clerks, Except Mail Machine Operators and Postal Service	1	2.000	1.875	3.750	2.875	1.375	3.500	2.750	3.125	1.375	3.375	4.125	2.250	1.375	4.000	2.125	2.250	3.750	3.500	1.875	3.000	2.500
57305	Postal Mail Carriers	1	1.250	1.875	3.250	2.500	1.000	3.875	3.500	2.000	1.250	5.000	4.000	2.750	1.250	4.750	3.125	2.875	4.000	3.250	1.750	2.250	2.375
57308	Postal Service Clerks	2	1.750	1.625	3.250	2.750	1.625	3.750	3.250	3.125	1.250	3.000	3.750	2.625	1.375	4.500	3.000	2.625	4.000	3.875	2.125	3.125	2.000
57311A	Couriers and Messengers	1	1.500	1.750	2.875	2.000	1.250	3.000	2.375	2.375	1.500	4.750	3.625	2.250	1.500	3.000	3.000	1.750	3.000	2.750	2.375	2.125	2.125
58002	Dispatchers- Police, Fire, and Ambulance	2	3.000	3.125	2.875	2.875	3.625	3.500	2.750	3.125	2.000	3.000	3.500	3.000	2.875	3.875	3.625	3.000	3.875	3.625	2.875	3.000	2.750
58005	Dispatchers- Except Police, Fire, and Ambulance	2	2.375	2.500	2.750	2.625	3.125	3.125	2.750	2.875	2.000	3.125	3.750	2.625	2.625	3.375	2.625	2.750	3.250	3.375	2.625	3.125	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
58008	Production, Planning, and Expediting Clerks	2	2.875	2.875	3.750	3.250	2.750	3.625	2.875	3.250	2.000	3.000	3.750	2.875	2.750	3.500	2.125	2.875	3.750	3.500	3.000	3.250	2.750
58011	Transportation Agents	2	2.250	2.625	3.125	2.875	1.875	3.750	2.875	3.125	1.500	2.875	4.125	2.625	2.250	3.375	2.500	2.500	3.750	3.625	2.375	2.750	2.625
58014	Meter Readers, Utilities	1	1.500	1.750	3.000	2.375	1.125	3.750	2.625	1.875	1.125	4.750	4.000	2.125	1.375	3.750	1.375	2.375	3.750	3.750	1.875	2.250	2.375
58017	Weighers, Measurers, Checkers, and Samplers- Recordkeeping	1	2.125	2.125	3.125	2.625	2.000	3.375	2.750	3.125	1.500	3.375	4.125	2.125	2.375	3.375	1.500	2.375	3.500	3.375	2.375	2.875	2.625
58021	Marking Clerks	1	1.375	1.625	3.125	2.125	1.250	3.000	2.125	2.750	1.250	3.750	4.250	1.875	1.375	3.000	1.125	1.875	3.125	3.000	1.625	3.125	1.750
58023	Stock Clerks- Stockroom, Warehouse, or Storage Yard	2	1.500	1.625	3.125	2.750	2.000	3.250	2.625	3.000	1.500	3.500	4.375	1.750	2.125	3.250	1.375	2.000	3.375	3.250	2.250	2.875	2.375
58026	Order Fillers, Wholesale and Retail Sales	2	1.125	1.250	3.000	2.250	1.250	3.000	2.375	2.750	1.125	3.125	4.375	1.875	1.500	2.875	1.750	1.625	3.250	2.750	1.625	3.000	1.875
58028	Shipping, Receiving, and Traffic Clerks	1	2.125	2.125	3.250	2.875	1.875	3.375	2.750	3.125	1.625	3.125	4.375	2.250	2.375	3.125	1.500	2.125	3.500	3.000	2.125	3.000	2.625
58099A	Engineering Clerks	3	2.750	2.625	3.125	2.750	1.750	3.000	2.750	3.250	2.000	3.625	4.250	2.625	2.375	3.625	2.000	2.500	3.375	2.875	2.750	3.500	3.000
58099B	Transportation Maintenance Clerks	2	2.000	2.375	2.750	2.500	2.125	3.375	2.875	2.875	1.500	3.625	4.125	2.375	2.250	3.375	1.625	2.250	3.625	3.375	2.375	3.625	2.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
61002A	Municipal Fire Fighting and Prevention Supervisors	4	3.875	4.500	2.875	2.500	4.375	3.500	2.625	4.250	3.500	1.500	3.250	3.375	4.250	4.125	3.625	4.250	3.125	3.125	3.375	2.125	4.125
61002B	Forest Fire Fighting and Prevention Supervisors	5	3.625	4.375	2.625	2.375	4.500	3.500	2.625	4.125	3.625	1.500	3.250	3.375	4.375	4.125	3.375	4.250	3.125	3.125	3.000	2.125	4.250
61005	Police and Detective Supervisors	4	3.875	4.375	3.500	3.250	4.750	3.750	2.750	4.125	3.500	1.875	3.125	3.500	4.375	4.250	3.750	4.375	3.250	3.125	3.625	2.625	4.250
61008	Housekeeping Supervisors	4	3.250	3.250	3.750	2.500	4.250	3.375	2.625	3.875	3.125	2.125	3.875	2.125	3.500	3.500	2.875	2.625	2.750	2.750	3.250	3.500	3.500
61099A	Chefs and Head Cooks	4	3.625	3.750	3.250	2.625	4.125	3.375	3.375	3.625	3.500	2.500	4.000	3.000	4.000	3.625	2.875	3.125	2.750	2.500	2.750	2.875	3.750
61099B	First-Line Supervisors/Managers of Food Preparation and Serving Workers	3	3.375	3.250	3.625	2.750	4.250	3.375	2.750	3.750	3.250	2.375	3.750	2.625	3.875	3.375	2.875	2.875	2.625	2.500	2.875	3.125	3.625
61099C	First-Line Supervisors/Managers of Hospitality and Personal Service Workers	3	3.500	3.500	3.875	2.625	4.125	3.375	2.875	3.625	3.125	2.125	3.625	3.000	3.625	3.375	2.875	3.375	2.750	2.625	3.250	3.750	3.750
61099D	Janitorial Supervisors	3	2.875	2.875	3.750	2.375	4.125	3.250	2.625	3.375	3.000	2.375	3.750	2.250	3.500	3.500	2.625	2.750	2.625	2.750	2.875	3.250	3.750
62031	Housekeepers, Private Household	1	1.375	1.625	3.375	1.250	1.875	2.625	2.375	2.625	1.500	3.875	4.000	1.500	2.250	3.125	3.625	1.125	1.875	2.000	2.250	3.000	2.500
62041	Child Monitors, Private Household	1	2.625	2.500	4.000	1.000	2.250	1.500	1.500	1.000	3.000	3.000	3.625	1.875	2.875	3.000	4.500	1.375	1.250	1.125	2.750	3.625	3.250



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
62061	Personal Attendants, Private Household	2	1.625	2.000	2.875	1.125	1.250	2.125	2.375	2.000	1.625	3.125	4.250	1.625	2.375	2.875	4.875	1.375	1.375	1.500	2.250	3.250	2.625
63002A	Fire Inspectors	2	3.625	4.125	3.250	2.750	3.000	3.500	3.000	2.750	2.250	3.000	3.500	3.000	3.500	3.875	2.750	3.750	3.250	3.125	3.125	2.750	3.375
63002B	Fire Investigators	4	4.125	4.250	2.875	2.750	3.000	3.375	3.000	3.125	3.250	3.000	3.375	3.375	4.000	4.000	2.750	3.750	3.250	3.000	3.625	2.625	3.625
63005	Forest Fire Inspectors and Prevention Specialists	2	4.125	4.250	3.125	2.750	3.500	3.500	2.875	3.375	3.000	2.750	3.750	3.125	3.875	4.000	3.125	3.750	3.375	3.125	3.500	2.500	3.500
63008A	Municipal Fire Fighters	2	3.625	4.250	1.875	2.250	2.500	3.625	1.750	4.000	2.125	1.500	4.000	3.125	3.125	3.875	3.500	4.000	3.875	3.625	2.875	1.750	1.875
63008B	Forest Fire Fighters	2	3.625	4.250	1.750	2.250	2.250	3.625	1.625	4.000	2.250	1.500	3.875	3.000	2.750	3.750	2.875	3.750	3.750	3.500	2.750	1.750	1.750
63011A	Police Detectives	4	4.125	4.125	3.500	3.125	3.250	3.750	3.000	3.750	3.500	2.875	2.875	3.125	4.125	4.125	3.375	3.750	4.000	3.000	3.875	2.625	3.125
63011B	Police Identification and Records Officers	3	3.125	3.375	3.500	3.250	2.000	3.750	3.000	3.500	2.125	3.250	3.625	2.375	3.000	3.750	2.375	3.125	3.750	3.250	2.875	2.750	2.375
63014A	Police Patrol Officers	3	3.375	4.000	3.500	3.125	3.375	4.000	2.625	3.750	3.000	2.750	3.125	3.250	3.625	4.375	3.500	3.750	4.000	2.875	3.875	2.500	2.625
63014B	Highway Patrol Pilots	3	3.750	4.375	3.500	2.875	3.375	4.000	2.625	3.625	3.000	2.875	3.250	3.000	3.750	4.250	3.625	3.500	3.750	2.750	3.500	2.750	2.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
63017	Correction Officers and Jailers	2	2.875	3.250	3.625	2.875	3.375	3.875	2.500	3.500	2.250	2.375	3.250	2.375	2.750	4.250	2.750	2.750	3.875	3.125	2.625	2.375	1.750
63021	Parking Enforcement Officers	1	1.750	1.875	3.375	2.625	2.000	3.375	2.375	3.000	1.500	4.000	3.375	1.750	2.875	4.000	1.750	2.000	3.625	3.375	1.875	2.250	2.000
63023	Bailiffs	1	2.500	2.750	3.000	2.375	3.000	3.625	2.750	3.250	2.000	2.750	3.375	2.500	2.875	4.125	2.375	2.875	3.750	3.000	2.500	3.125	2.250
63026	United States Marshals	2	3.750	4.000	3.250	2.750	3.375	3.875	3.000	3.500	2.500	3.125	3.125	2.875	3.625	4.250	2.875	3.750	3.875	3.125	3.000	2.750	2.875
63028A	Criminal Investigators and Special Agents	4	4.125	4.250	3.250	3.000	3.250	3.875	3.125	3.625	3.250	3.000	3.000	3.000	3.750	4.250	2.750	3.875	3.875	3.125	3.500	2.750	3.125
63028B	Child Support, Missing Persons, and Unemployment Insurance Fraud Investigators	4	3.875	4.125	3.750	3.000	3.000	3.500	2.875	3.375	3.125	2.875	3.000	2.875	3.625	3.875	3.250	3.500	3.750	3.000	3.375	3.000	3.125
63032	Sheriffs and Deputy Sheriffs	2	3.500	3.875	3.625	3.000	3.500	3.750	2.750	3.625	3.000	2.875	3.000	3.125	3.875	4.250	3.250	3.625	3.875	3.000	3.625	2.875	3.125
63035	Detectives and Investigators, Except Public	2	4.250	4.125	3.500	2.750	3.375	3.625	3.000	3.375	3.500	2.875	2.750	3.000	4.000	3.875	3.000	3.500	3.500	2.625	3.375	3.000	3.375
63038	Railroad and Transit Police and Special Agents	2	3.625	3.875	3.625	3.125	3.625	3.750	2.875	3.625	3.500	2.875	3.000	3.125	4.125	4.000	3.000	3.500	3.500	3.125	3.500	2.750	3.375
63041	Fish and Game Wardens	3	3.625	3.750	3.500	2.750	3.625	3.375	2.500	3.250	3.250	2.875	3.375	3.125	4.250	4.125	2.875	3.500	3.375	2.750	3.625	2.375	3.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
63044	Crossing Guards	1	1.875	2.875	3.000	1.875	3.125	3.125	2.250	2.500	1.375	3.875	4.250	1.875	2.500	3.250	3.125	2.125	3.250	3.250	1.750	2.125	2.625
63047	Guards and Watch Guards	1	2.500	2.875	2.750	2.125	3.000	3.250	2.375	2.375	1.750	3.125	3.750	2.125	2.875	3.250	3.000	2.375	3.375	2.875	2.250	2.750	2.750
63099B	Recreational Area Guards and Patrollers	2	3.125	3.500	2.875	2.250	3.250	3.250	2.375	2.875	2.250	3.000	3.750	2.375	3.000	3.000	3.625	3.125	3.250	3.250	3.250	2.750	2.875
63099C	Animal Control Workers	2	3.125	3.250	3.125	2.000	3.250	3.250	2.875	2.625	2.750	3.125	3.500	2.375	3.125	3.500	3.000	2.750	3.250	3.250	3.125	2.750	2.875
63099D	Automatic Teller Machine Servicers	3	2.125	2.125	2.750	2.250	1.500	3.375	2.750	2.375	1.250	3.875	3.625	1.375	2.375	3.375	2.000	1.625	3.375	3.250	1.625	3.125	2.375
65002	Hosts and Hostesses- Restaurant, Lounge or Coffee Shop	3	2.625	2.875	3.250	2.375	3.000	3.125	2.625	3.625	2.125	2.125	3.875	1.750	3.125	2.875	3.250	1.875	3.125	3.625	2.125	3.250	2.750
65005	Bartenders	1	1.875	2.000	2.875	1.250	1.250	3.000	2.875	3.250	1.875	2.750	3.750	1.875	2.875	2.875	3.500	1.625	3.000	3.250	1.875	3.250	2.625
65008A	Waiters/Waitresses	1	1.875	2.000	3.375	1.875	1.500	2.875	2.750	3.750	1.500	2.250	3.750	1.875	2.375	2.625	3.625	1.375	3.125	3.625	1.875	2.875	2.125
65008B	Wine Stewards/Stewardesses	3	2.500	2.375	2.875	2.125	1.750	3.000	2.750	3.125	2.375	2.375	4.000	2.375	3.125	2.625	3.500	1.750	3.125	3.375	1.750	3.625	2.625
65011	Food Servers, Outside	1	1.875	2.125	3.000	1.875	1.500	3.125	2.500	3.625	1.750	2.250	4.125	1.750	2.250	2.500	3.625	1.375	3.000	3.500	2.000	2.625	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
65014	Dining Room and Cafeteria Attendants, and Bartender Helpers	1	1.625	1.875	3.000	2.125	1.375	3.000	2.125	3.625	1.375	2.125	4.125	1.375	1.875	2.625	3.125	1.250	3.000	3.500	1.875	2.375	2.000
65017	Counter Attendants- Lunchroom, Coffee Shop, or Cafeteria	1	1.875	2.000	3.125	2.000	1.500	3.000	2.375	3.750	1.500	2.125	4.000	1.500	2.125	2.625	3.500	1.250	3.000	3.500	1.875	2.500	2.125
65021	Bakers, Bread and Pastry	3	2.625	2.625	3.000	2.000	1.375	3.000	2.750	2.750	2.625	3.250	4.375	2.250	2.875	2.875	2.125	2.375	3.250	3.000	2.125	2.750	3.000
65023	Butchers and Meat Cutters	3	2.000	2.250	3.125	1.750	1.500	2.750	2.750	2.250	2.125	3.500	4.000	2.250	3.125	3.375	2.750	2.125	2.875	2.750	1.750	2.500	3.000
65026	Cooks, Restaurant	3	3.250	3.375	3.250	2.250	3.000	3.000	3.000	3.500	3.375	2.500	4.000	2.750	3.500	3.125	2.875	2.625	2.875	2.750	2.875	2.750	3.000
65028	Cooks, Institution or Cafeteria	2	2.875	3.000	3.250	2.125	2.750	3.000	2.625	3.250	2.625	2.625	3.875	2.375	3.125	3.250	2.625	2.250	2.875	3.000	2.500	2.625	2.875
65032	Cooks, Specialty Fast Food	2	1.875	1.750	3.625	2.625	1.875	3.125	2.250	3.375	1.625	2.750	4.250	1.625	1.625	3.250	2.625	1.500	3.125	3.125	1.750	2.125	1.625
65035	Cooks, Short Order	1	2.000	1.875	3.500	2.625	1.750	3.000	2.250	3.250	1.625	2.875	4.250	1.750	1.750	3.125	2.875	1.625	3.000	2.625	2.000	2.125	1.875
65038A	Food Preparation Workers	1	1.500	1.625	3.375	2.375	1.375	2.875	2.000	3.375	1.250	2.750	3.875	1.625	1.625	2.875	2.500	1.625	3.000	2.875	2.250	2.375	1.500
65038B	Kitchen Helpers	1	1.125	1.125	3.250	2.500	1.250	2.750	1.625	3.375	1.125	3.125	4.250	1.375	1.375	3.000	2.250	1.250	3.000	2.625	2.125	2.250	1.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
65041	Combined Food Preparation and Service Workers	1	1.250	1.375	3.375	2.750	1.375	3.000	1.875	3.250	1.250	3.000	4.375	1.375	1.625	2.875	2.375	1.250	3.000	2.750	2.125	2.375	1.750
65099A	Vending Machine Attendants	1	1.625	1.625	2.750	2.250	1.250	2.750	2.250	2.125	1.375	4.125	4.125	1.500	1.875	3.125	2.125	1.500	2.625	2.500	2.125	2.875	2.750
65099B	Food Order Expeditors	1	1.250	1.625	3.500	2.500	2.250	2.875	2.125	3.500	1.250	2.250	4.250	1.625	1.500	3.000	2.375	1.500	3.000	2.875	1.625	2.375	1.625
66002	Dental Assistants	3	3.000	3.250	3.125	2.875	2.125	3.250	3.250	3.375	1.875	2.375	3.750	3.000	1.875	3.750	3.875	3.000	3.250	2.875	3.000	3.625	2.250
66005	Medical Assistants	3	3.000	3.250	3.125	2.625	2.250	3.375	3.375	3.500	1.625	2.250	4.000	3.000	1.750	3.625	3.750	3.125	3.500	2.750	3.125	3.375	2.125
66008	Nursing Aides, Orderlies, and Attendants	2	2.375	2.750	3.500	2.125	2.000	3.125	2.375	3.750	1.500	2.625	3.875	1.875	1.250	3.625	4.375	2.375	3.375	3.125	3.000	2.500	1.625
66011	Home Health Aides	1	2.250	3.125	3.000	2.000	1.875	2.375	2.750	1.875	2.000	3.125	3.750	2.375	2.125	3.125	4.750	2.750	2.375	2.375	3.125	3.000	2.750
66014	Psychiatric Aides	2	2.500	2.625	3.375	2.250	2.125	3.000	2.875	3.625	1.875	2.625	3.375	2.500	1.875	3.625	4.250	2.625	3.625	3.000	3.000	2.500	1.625
66017	Physical and Corrective Therapy Assistants and Aides	2	3.375	3.750	3.125	2.750	2.875	3.250	3.250	3.500	2.125	2.500	3.875	3.125	2.000	3.875	4.500	3.125	3.625	2.875	3.125	3.500	2.125
66021	Occupational Therapy Assistants and Aides	2	3.250	3.750	3.250	2.750	2.625	3.250	3.125	3.500	2.375	2.250	3.750	3.125	2.125	3.875	4.500	3.000	3.625	3.000	3.125	3.375	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
66023	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	1	2.500	3.500	2.625	2.500	2.125	3.250	2.750	3.375	1.750	1.750	3.500	2.875	2.125	3.750	4.500	2.875	3.375	3.125	3.500	2.375	2.125
66097	Health Equipment Service Workers	2	2.250	2.375	2.875	2.250	1.625	3.125	2.500	2.875	1.500	3.875	4.125	2.000	1.875	3.625	1.875	2.125	3.375	3.375	2.750	3.250	2.250
66099A	Morgue Attendants	2	2.250	1.875	2.625	2.500	1.250	3.125	2.875	2.875	1.500	3.625	3.750	1.750	1.625	3.875	2.000	1.875	3.250	3.250	2.250	1.625	2.625
66099B	Patient Transporters	1	1.375	2.000	2.875	1.750	1.750	3.375	1.875	3.000	1.250	2.750	4.500	1.625	1.625	3.375	4.500	1.625	3.250	2.875	2.125	2.875	1.875
66099D	Phlebotomists	1	2.500	2.500	2.750	2.250	2.000	3.500	2.875	3.250	1.250	3.250	4.250	2.125	1.625	3.625	3.875	2.375	3.375	2.750	1.750	2.750	2.125
67002	Maids and Housekeeping Cleaners	1	1.125	1.250	3.500	1.875	1.125	2.750	2.000	3.125	1.375	3.750	4.250	1.625	1.500	2.875	2.750	1.250	2.750	2.500	2.000	2.125	2.500
67005	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1	1.500	1.500	3.250	1.875	1.125	3.250	2.125	3.000	1.375	3.750	4.250	1.625	1.750	3.250	2.000	1.250	3.125	2.750	2.125	2.125	2.250
67008	Pest Controllers and Assistants	2	2.000	2.250	2.625	2.125	2.375	3.125	2.750	2.750	1.625	3.750	3.625	2.250	2.375	3.125	2.875	1.875	3.000	3.250	2.500	1.875	2.625
67011	Elevator Operators	1	1.000	1.375	2.750	1.250	1.375	2.625	1.875	1.500	1.125	4.250	4.375	1.625	1.250	2.875	3.250	1.375	2.750	2.750	1.250	2.750	2.125
68002	Barbers	3	2.875	3.375	2.875	1.625	1.875	2.500	2.625	2.875	3.000	3.250	4.125	3.125	2.750	3.250	4.500	2.750	2.250	1.750	2.625	3.125	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
68005A	Hairdressers, Hairstylists, and Cosmetologists	3	3.250	3.875	3.000	1.875	2.125	2.500	2.875	3.125	3.375	3.375	4.125	3.375	2.875	3.250	4.500	2.750	2.375	1.875	2.625	3.125	3.750
68005B	Make-Up Artists, Theatrical and Performance	2	3.625	3.625	2.500	2.375	1.750	2.750	3.000	2.625	3.875	3.375	4.125	3.375	2.875	3.000	4.125	2.625	2.500	1.875	3.125	3.250	3.500
68005C	Electrologists	2	2.250	2.625	2.500	1.625	1.875	2.750	3.000	2.000	1.625	3.750	4.000	2.250	2.500	3.000	4.500	2.375	2.250	2.125	1.875	3.375	3.375
68008	Manicurists	1	2.750	2.750	2.500	1.875	1.625	2.625	2.625	2.875	2.500	3.375	4.375	2.625	2.375	2.625	4.625	2.125	2.500	1.625	2.375	3.250	3.625
68014A	Amusement and Recreation Attendants	1	1.625	2.125	3.125	2.250	2.500	3.000	2.250	3.500	1.875	2.750	4.000	1.750	2.000	2.250	3.125	1.875	2.625	3.250	2.875	2.750	2.250
68014B	Gambling Dealers and Attendants	2	1.875	2.125	3.375	2.000	2.250	3.000	3.125	3.250	1.500	3.125	2.250	1.875	1.875	2.625	2.250	1.750	2.875	3.375	2.625	3.250	1.875
68017A	Travel Guides	2	3.125	3.125	2.750	2.375	3.000	2.875	2.625	2.875	3.250	2.875	3.500	3.000	3.250	2.625	3.875	2.875	2.875	2.625	3.750	3.250	3.625
68017B	Tour Guides and Escorts	1	2.625	2.875	2.875	2.250	3.125	2.875	2.625	2.625	2.625	2.875	3.375	2.875	2.875	2.875	3.875	2.625	2.875	2.875	3.375	3.125	3.000
68021	Ushers, Lobby Attendants, and Ticket Takers	1	1.375	1.750	2.750	2.000	2.125	3.000	1.750	3.500	1.375	2.625	3.750	1.750	1.625	2.750	3.375	1.625	2.750	3.125	2.500	3.250	1.750
68023	Baggage Porters and Bellhops	1	1.375	1.750	2.625	1.875	1.875	2.875	2.125	3.125	1.375	3.375	3.750	1.875	1.750	3.000	3.875	1.625	3.000	3.000	2.375	3.250	1.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
68026	Flight Attendants	2	2.125	2.750	2.750	2.250	2.750	3.750	3.375	4.000	1.750	2.125	3.750	2.875	2.250	3.500	4.125	2.875	3.625	4.000	2.375	2.875	2.500
68028	Transportation Attendants, Except Flight Attendants and Baggage Porters	1	1.875	2.500	3.000	2.000	2.375	3.250	2.875	3.625	1.750	2.375	3.750	2.250	2.000	3.750	4.125	2.250	3.250	3.375	2.500	2.875	2.250
68032A	Bath and Restroom Attendants	1	1.375	1.500	2.750	1.750	1.500	2.625	1.875	2.500	1.625	3.250	3.875	1.500	1.500	2.750	4.250	1.500	2.750	2.375	2.375	2.875	2.250
68032B	Costumers and Wardrobe Specialists	4	3.250	3.125	2.500	2.250	2.750	2.875	3.000	3.000	3.875	3.000	4.125	3.000	3.500	2.500	3.250	2.750	2.500	2.000	3.250	3.375	3.625
68035	Personal and Home Care Aides	2	2.500	3.125	2.875	2.250	2.875	3.250	2.375	2.250	2.500	3.250	3.375	2.500	2.875	3.250	5.000	2.625	3.125	2.875	3.125	2.750	3.250
68038	Child Care Workers	1	2.625	3.125	3.750	2.375	2.750	3.250	2.375	3.250	2.750	2.375	3.375	2.500	2.875	3.500	4.750	2.500	2.750	2.500	3.125	3.250	3.125
68041	Funeral Attendants	1	1.750	1.750	1.875	2.000	2.125	2.875	2.750	2.625	1.500	2.750	3.875	2.250	2.000	3.875	3.500	1.875	2.750	2.625	2.125	2.375	2.750
69999A	Passenger Service Representatives	1	2.000	2.125	3.125	2.750	2.500	3.500	2.875	3.625	1.625	2.750	3.625	2.375	2.250	3.375	3.875	2.500	3.250	3.125	2.750	3.500	2.500
69999B	Personal Attendants	1	1.875	2.250	3.000	2.250	2.250	2.750	2.625	3.000	2.000	3.125	3.500	2.375	2.500	3.125	4.625	2.125	2.875	2.625	3.000	3.375	2.875
69999D	Social Escorts	1	1.875	2.000	2.500	1.625	1.875	2.250	3.250	2.375	2.125	2.750	2.000	1.875	2.250	2.625	4.500	1.500	2.625	2.125	3.250	2.875	3.000



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
72002A	First-Line Supervisors and Manager/Supervisors - Agricultural Crop Workers	3	3.375	3.625	3.875	2.375	4.375	2.875	3.250	3.375	3.125	2.500	3.625	3.125	4.125	3.250	2.500	3.125	2.875	2.750	3.375	2.250	4.125
72002B	First-Line Supervisors and Manager/Supervisors - Animal Husbandry Workers	3	3.375	3.625	3.875	2.375	4.250	3.000	3.250	3.375	3.000	2.500	3.625	3.125	4.000	3.375	2.500	3.125	2.875	2.875	3.375	2.250	3.875
72002C	First-Line Supervisors and Manager/Supervisors - Animal Care Workers, Except Livestock	3	3.250	3.500	3.750	2.125	4.250	3.125	3.250	3.250	3.125	2.625	3.375	3.000	4.000	3.500	2.500	3.000	3.125	3.000	3.125	2.375	4.000
72002D	First-Line Supervisors and Manager/Supervisors - Landscaping Workers	3	3.250	3.375	3.750	2.375	4.375	3.250	3.250	3.375	3.125	2.500	3.625	3.000	3.875	3.375	2.500	3.000	2.875	2.625	3.125	2.375	3.875
72002E	First-Line Supervisors and Manager/Supervisors - Horticultural Workers	3	3.250	3.500	3.750	2.375	4.250	3.000	3.125	3.250	3.250	2.625	3.625	3.000	3.875	3.375	2.500	3.000	3.000	2.750	3.250	2.375	3.875
72002F	First-Line Supervisors and Manager/Supervisors - Logging Workers	4	3.125	3.500	3.750	2.750	4.250	3.250	3.250	3.250	3.125	2.750	3.625	3.000	3.875	3.375	2.500	3.125	2.875	2.750	3.125	2.375	3.875
72002G	First-Line Supervisors and Manager/Supervisors - Fishery Workers	3	3.250	3.625	3.750	2.750	4.375	3.125	3.250	3.250	3.125	2.750	3.625	2.875	3.750	3.250	2.500	3.125	3.000	2.750	3.125	2.375	3.750
73002	Fallers and Buckers	1	2.500	2.625	3.500	2.375	1.750	3.250	2.875	2.875	2.000	3.125	4.375	1.875	2.875	2.375	1.250	1.750	3.125	3.250	1.875	1.750	2.375
73005	Choke Setters	1	1.750	2.250	3.250	2.500	1.625	3.250	2.625	3.250	1.500	2.750	4.625	1.500	2.250	2.375	1.375	1.375	3.250	3.250	1.500	1.625	2.000
73011	Logging Tractor Operators	2	2.250	2.500	3.125	2.250	2.125	3.250	2.875	3.375	1.750	3.000	4.625	1.625	2.625	2.375	1.250	1.625	3.250	3.125	1.625	1.750	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
73099A	Tree, Log, and Brush Cutters	1	2.000	2.625	3.500	2.500	2.000	3.375	2.500	2.875	1.625	3.000	4.625	1.500	2.500	2.500	1.250	1.500	3.375	3.250	1.750	1.625	2.000
73099B	Log Sorters, Markers, Movers, and Debarkers	1	2.375	2.625	3.625	2.375	2.250	3.375	2.625	2.875	1.750	3.250	4.500	1.500	2.750	2.500	1.250	1.625	3.375	3.375	1.875	1.750	2.125
73099C	Rigging Slingers and Chasers	2	2.750	2.625	3.625	2.375	3.250	3.250	2.750	3.500	2.125	2.250	4.250	1.750	3.125	2.625	2.000	1.750	3.250	3.125	2.125	1.750	2.500
73099D	Cruisers	4	2.875	2.750	3.250	2.250	1.875	3.375	3.000	2.375	2.250	4.000	4.250	2.000	3.125	2.875	1.375	1.875	3.375	3.000	2.125	2.125	2.625
79002A	Forest and Conservation Workers	1	2.875	3.625	3.250	2.500	2.125	3.375	2.625	3.000	2.500	3.500	4.125	2.375	3.125	3.125	1.750	2.750	3.000	2.750	3.000	2.375	3.125
79002B	Forester Aides	3	3.125	3.250	3.375	2.625	3.125	3.375	2.500	3.500	2.375	2.875	4.250	2.250	3.125	3.125	2.000	2.375	3.000	2.875	2.750	2.500	2.750
79005	Nursery Workers	1	2.250	2.625	3.250	2.500	1.750	3.375	2.500	2.750	1.875	3.375	4.500	1.750	2.500	2.750	1.750	1.875	3.375	3.375	2.375	2.375	2.000
79008	Log Graders and Scalers	2	2.750	2.500	3.375	2.250	1.500	3.250	2.875	2.500	1.875	3.625	4.250	1.875	3.250	2.875	1.375	1.875	3.250	3.000	1.625	2.250	2.375
79011	Graders and Sorters, Agricultural Products	1	2.375	2.125	3.500	2.375	1.500	3.375	2.500	2.375	1.625	3.750	4.250	1.625	3.250	3.000	1.375	1.750	3.500	3.250	1.250	2.375	2.500
79015	Animal Breeders	3	2.875	3.000	3.625	1.500	1.750	2.000	3.250	2.250	3.125	4.000	3.625	2.750	4.125	3.125	1.750	2.625	2.125	2.000	2.875	2.375	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
79016	Animal Trainers	3	3.250	3.375	3.250	1.500	2.000	2.000	3.250	2.125	3.625	4.000	3.750	2.875	4.125	3.125	2.000	2.500	2.000	2.000	2.875	2.750	4.000
79017A	Animal Caretakers, except Farm	1	2.500	2.875	3.500	2.250	1.625	3.250	2.750	2.875	2.125	3.625	3.875	2.375	2.750	3.000	1.875	2.000	3.125	3.125	2.750	2.250	2.750
79017B	Farriers	3	2.250	2.250	3.000	1.500	1.250	2.625	2.750	1.750	2.375	4.375	4.500	2.000	3.375	3.000	1.500	1.875	2.625	3.125	1.625	2.375	2.750
79017C	Animal Groomers and Bathers	1	2.625	2.750	2.750	2.125	1.750	2.625	2.500	2.500	2.375	3.625	4.000	2.375	2.375	2.875	2.750	1.875	2.250	2.375	2.625	2.375	3.000
79017D	Aquarium Tank Attendants	2	2.000	2.125	2.625	1.875	1.250	2.750	2.250	2.500	1.750	4.125	4.375	1.625	2.000	2.750	1.750	1.750	2.375	2.625	2.125	2.625	2.375
79021	Farm Equipment Operators	2	2.875	3.000	3.250	2.125	2.750	2.250	2.375	2.500	2.500	3.250	4.250	2.125	3.000	2.500	1.875	2.250	2.375	2.500	3.000	2.125	3.125
79030B	Gardeners and Groundskeepers	2	2.250	2.500	2.750	1.750	1.375	2.250	2.250	2.125	2.000	3.750	4.250	2.250	2.250	2.750	2.375	1.875	2.375	2.500	2.750	2.250	2.750
79033	Pruners	2	1.875	1.875	2.500	1.625	1.250	2.375	2.125	2.375	1.750	3.500	4.250	1.625	1.875	2.375	2.000	1.875	2.375	2.625	2.250	1.875	2.250
79036	Sprayers/Applicators	2	1.625	1.750	2.500	1.625	1.875	2.500	2.125	2.500	1.750	3.375	3.875	1.625	1.875	2.250	2.250	1.875	2.500	2.875	2.250	1.750	2.125
79041	Laborers, Landscaping and Groundskeeping	1	1.625	2.000	2.875	1.625	1.250	2.125	2.000	2.375	1.625	3.500	4.250	1.875	1.375	2.375	2.125	1.500	2.375	2.000	2.625	2.375	1.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
79806	Veterinary Assistants	3	2.625	3.000	2.875	2.375	1.625	2.625	2.500	2.875	1.750	2.125	3.750	2.250	1.875	3.125	2.000	2.375	2.750	3.000	3.125	2.875	2.125
79855	General Farmworkers	1	2.000	2.625	3.000	2.125	2.375	2.125	2.000	2.375	1.875	3.375	4.000	1.875	2.250	2.125	1.875	1.875	2.000	2.125	3.000	1.875	2.375
79856	Farmworkers, Food and Fiber Crops	1	1.750	2.375	3.125	1.875	1.625	2.000	1.875	2.500	1.750	3.375	4.000	1.750	1.875	2.125	1.750	1.750	1.875	2.125	2.875	1.875	2.250
79858	Farmworkers, Farm and Ranch Animals	1	2.250	2.625	3.125	1.875	1.625	2.000	1.875	2.500	1.875	3.250	4.000	1.875	2.250	2.375	1.625	1.750	2.000	2.250	3.000	1.875	2.375
79999A	Weed, Disease, and Insect Control Inspectors	1	2.375	2.375	2.625	2.500	1.875	3.000	2.625	2.125	1.875	4.125	3.750	1.875	2.500	2.750	1.625	2.000	3.000	2.875	2.500	1.875	2.875
79999B	Irrigation Workers	1	1.875	2.000	2.625	1.750	1.250	2.500	2.500	2.375	1.625	3.500	4.375	1.500	1.875	2.250	1.250	1.625	2.500	2.750	2.250	1.750	2.375
79999C	Horticultural Specialty Growers	3	3.000	3.500	2.750	2.125	3.125	2.625	2.875	3.000	3.500	3.250	4.250	2.625	3.375	2.875	1.625	2.875	2.250	2.125	3.125	2.750	3.750
79999D	Farmers	3	3.250	3.750	3.500	1.375	3.625	1.250	2.625	2.875	3.875	2.625	3.625	2.375	4.250	3.250	1.750	2.625	1.250	1.250	3.500	2.375	4.500
79999E	Commercial Fishery Workers	1	2.375	2.500	3.125	1.625	2.000	2.250	2.500	2.875	2.500	2.500	3.625	1.500	2.500	2.500	1.250	1.750	2.125	2.750	2.625	1.750	2.625
79999F	Hunters and Trappers	2	2.500	2.750	2.125	1.375	1.250	1.625	2.000	1.625	2.750	4.375	3.000	1.500	3.000	2.000	1.250	1.625	1.625	1.625	3.000	2.125	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
79999G	Aqua-Culturists	2	2.500	2.625	2.750	1.625	1.250	2.250	2.500	2.000	2.375	3.750	3.875	1.750	2.875	2.750	1.250	2.125	2.000	2.375	2.625	2.500	3.125
79999H	Sponge and Seaweed Gatherers	1	2.000	2.125	2.375	1.500	1.250	2.125	2.125	2.500	1.750	3.250	3.750	1.500	2.000	2.250	1.250	1.750	2.000	2.250	2.375	2.125	2.500
79999J	Gamekeepers	3	2.750	3.375	2.750	1.875	1.625	3.000	2.500	2.375	2.625	3.375	3.625	2.375	3.250	3.250	1.250	2.250	2.625	2.500	3.125	2.375	3.500
79999K	Agricultural Crop Farm Managers	4	3.750	3.625	3.750	2.375	4.125	3.375	3.375	3.250	4.000	2.750	3.250	3.250	4.125	3.125	2.000	3.500	2.750	2.000	3.625	3.250	4.375
79999L	Livestock Production Managers	4	3.500	3.625	3.500	2.500	4.000	3.250	3.375	3.125	3.750	2.750	3.375	3.125	3.875	3.250	2.125	3.250	2.875	2.250	3.500	3.250	4.125
79999M	Fish Hatchery Managers	4	3.375	3.500	3.375	2.500	3.875	3.250	3.500	3.250	3.750	2.750	3.375	3.125	3.875	3.375	2.000	3.250	3.000	2.250	3.500	3.375	4.125
79999N	Yard Workers, Private Household	1	2.000	2.375	3.250	1.750	1.125	1.875	1.750	2.000	2.000	3.500	4.000	1.500	2.250	2.125	2.125	1.250	1.625	1.875	2.625	1.500	2.500
81002	First-Line Supervisors and Manager/Supervisors- Mechanics, Installers, and Repairers	4	3.500	3.625	3.750	3.250	4.375	3.500	3.375	3.750	3.250	2.250	3.625	3.375	4.125	3.750	2.750	3.375	3.125	3.000	3.625	3.125	4.000
81005A	First-Line Supervisors and Manager/Supervisors- Construction Trades Workers	4	3.500	3.625	3.750	3.250	4.375	3.500	3.375	3.750	3.250	2.250	3.625	3.375	4.125	3.500	2.750	3.500	3.125	3.000	3.625	2.750	4.000
81005B	First-Line Supervisors and Manager/Supervisors- Extractive Workers	3	3.625	3.750	3.750	3.250	4.375	3.500	3.375	3.750	3.250	2.250	3.625	3.375	4.125	3.250	2.750	3.500	3.125	3.000	3.750	2.625	4.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
81008	First-Line Supervisors and Manager/Supervisors- Production and Operating Workers	3	3.625	3.750	3.750	3.250	4.375	3.500	3.375	3.875	3.250	2.250	3.625	3.375	4.125	3.375	2.750	3.500	3.125	3.000	3.750	3.125	3.875
81011	First-Line Supervisors and Manager/Supervisors- Transportation and Material Moving Machine and Vehicle Occupations	3	3.625	3.625	3.750	3.250	4.375	3.500	3.250	3.750	3.250	2.250	3.625	3.375	4.125	3.375	2.750	3.375	3.125	2.875	3.750	3.125	4.000
81017	First-Line Supervisors and Manager/Supervisors- Helpers, Laborers, and Material Movers, Hand	3	3.250	3.500	3.875	3.125	4.375	3.375	3.000	3.875	3.125	2.375	3.625	3.250	4.125	3.250	2.750	3.250	3.125	2.875	3.500	3.125	3.875
83002A	Materials Inspectors	3	3.125	3.125	3.750	2.875	2.625	3.500	3.125	3.125	2.250	3.750	3.750	2.875	3.875	3.500	1.625	2.750	3.500	3.375	2.500	3.125	3.500
83002B	Mechanical Inspectors	4	3.125	3.250	3.625	2.875	2.250	3.500	3.250	3.000	2.250	3.750	3.750	2.875	3.875	3.500	1.625	2.750	3.375	3.250	2.500	3.250	3.500
83002C	Precision Devices Inspectors and Testers	3	3.250	3.250	3.625	2.875	2.250	3.500	3.250	3.000	2.250	3.750	3.875	2.875	3.750	3.500	1.625	2.750	3.375	3.375	2.500	3.250	3.500
83002D	Electrical and Electronic Inspectors and Testers	3	3.250	3.250	3.625	3.000	2.500	3.500	3.250	3.375	2.500	3.125	3.750	2.875	3.750	3.500	2.250	2.750	3.375	3.375	2.500	3.250	3.250
83005A	Production Inspectors, Testers, Graders, Sorters, Samplers, Weighers	1	3.000	3.125	3.625	2.750	2.125	3.500	3.250	3.125	2.125	3.375	3.875	2.625	3.500	3.500	1.750	2.750	3.375	3.375	2.750	3.125	3.000
83005B	Construction Checkers	3	3.250	3.375	3.375	2.625	1.875	3.625	3.125	3.000	2.375	3.500	3.625	2.500	3.625	3.375	1.625	2.625	3.375	3.250	3.000	2.875	3.125
83008A	Railroad Inspectors	2	3.375	3.375	3.625	2.750	3.125	3.500	3.125	3.500	2.500	2.875	3.875	2.625	3.750	3.625	2.000	3.000	3.500	3.375	3.000	2.750	3.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
83008C	Motor Vehicle Inspectors	2	3.000	2.875	3.375	2.750	2.250	3.375	2.875	2.750	2.000	3.375	3.750	2.625	3.750	3.625	2.000	2.750	3.250	3.250	2.500	2.875	3.375
83008D	Freight Inspectors	2	2.750	2.750	3.375	2.750	2.125	3.500	2.875	3.125	1.750	3.250	3.750	2.375	3.250	3.500	1.750	2.500	3.375	3.500	2.625	2.875	3.125
85112	Machinery Maintenance Mechanics, Textile Machines	2	3.125	3.125	3.375	2.750	1.875	3.500	3.125	2.625	2.375	3.625	4.500	2.500	3.125	3.250	1.625	2.375	3.125	3.125	2.875	2.500	2.625
85113	Machinery Maintenance Mechanics, Sewing Machines	4	2.625	2.875	3.125	2.250	1.750	3.125	2.875	2.125	2.250	4.000	4.500	1.875	3.250	3.125	1.875	2.000	2.750	2.875	2.125	3.125	2.875
85116A	Marine Maintenance Machinists	4	3.000	3.000	3.250	2.500	2.125	2.875	3.000	2.375	2.750	3.875	4.500	2.375	3.250	3.125	2.000	2.375	2.750	2.625	2.875	2.625	2.750
85116B	Marine Engine Mechanics	4	3.000	3.000	3.375	2.500	2.250	3.000	3.250	2.375	2.750	3.875	4.375	2.500	3.250	3.125	1.875	2.375	2.750	2.625	2.875	2.625	2.875
85116C	Marine Services Technicians	3	3.000	2.875	3.500	2.750	2.000	3.250	3.125	2.750	2.625	3.625	4.375	2.375	3.000	3.125	2.000	2.250	3.125	2.750	3.125	2.625	2.625
85118	Machinery Maintenance Mechanics, Water or Power Generation Plant	4	2.750	2.875	3.375	2.750	2.000	3.375	3.125	2.375	2.500	3.875	4.375	2.250	3.125	3.375	1.500	2.250	3.125	2.750	3.250	2.750	2.500
85119A	Machinery Maintenance Mechanics	3	2.750	2.875	3.500	2.875	2.125	3.375	3.125	2.875	2.625	3.625	4.375	2.250	3.000	3.375	1.625	2.375	3.250	2.875	3.250	2.750	2.625
85119B	Machinery Maintenance Repairers	2	2.500	2.750	3.500	2.750	1.875	3.375	3.125	2.875	2.500	3.375	4.375	2.125	2.875	3.375	1.750	2.375	3.250	2.875	3.125	2.750	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85123A	Manufacturer's Service Representatives and Technicians	4	3.250	3.375	3.625	3.000	3.250	3.375	3.375	3.375	2.875	2.875	3.875	2.875	3.125	3.500	2.500	3.000	3.500	3.125	3.625	2.875	3.000
85123B	Millwrights	4	3.125	3.000	3.500	2.625	2.250	3.375	3.375	2.875	2.625	3.250	4.250	2.500	2.875	3.375	1.750	2.750	3.500	3.000	3.250	2.750	2.625
85126	Refractory Materials Repairers, Except Brick Masons	1	2.750	2.750	3.375	2.625	2.000	3.500	3.125	2.500	2.500	3.625	4.250	2.500	3.000	3.375	1.750	2.500	3.250	2.875	3.125	2.250	2.875
85128A	Machinery Maintenance Servicers	1	2.875	2.875	3.500	2.625	2.125	3.500	3.000	3.250	2.500	3.250	4.250	2.375	3.000	3.500	2.000	2.500	3.500	3.000	3.625	2.500	2.625
85128B	Oilers	1	2.125	2.000	3.500	2.625	1.500	3.375	2.625	2.500	1.500	3.750	4.375	1.750	2.125	3.250	1.500	2.000	3.500	3.125	2.250	2.375	2.500
85132	Maintenance Repairers, General Utility	3	3.125	2.750	3.500	2.625	1.750	3.500	2.875	2.500	2.625	3.500	4.375	2.375	2.875	3.250	1.750	2.250	3.500	3.125	3.375	2.625	2.875
85302A	Automotive Master Mechanics	3	3.500	3.250	3.375	2.250	2.250	2.875	3.500	2.750	2.750	3.500	3.875	2.750	3.375	3.500	2.375	2.500	2.750	2.250	3.000	2.625	3.000
85302B	Automotive Specialty Technicians	2	3.250	3.250	3.250	2.625	2.000	3.125	3.125	2.625	2.625	3.500	3.750	2.625	3.500	3.375	2.250	2.500	2.750	2.250	2.750	2.625	3.125
85305A	Automotive Glass Installers and Repairers	2	2.625	2.750	3.000	2.625	1.875	3.250	3.125	2.375	2.375	3.625	4.250	2.125	3.125	3.500	2.250	2.375	3.125	2.875	2.000	2.750	2.750
85305B	Automotive Body Repairers	3	3.250	3.250	3.250	2.500	2.000	3.250	3.250	2.625	2.625	3.375	4.000	2.375	3.000	3.375	2.250	2.500	3.125	2.750	3.000	2.375	2.750



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85305C	Truck and Trailer Body Repairers	2	3.125	3.250	3.250	2.500	2.125	3.250	3.250	2.625	2.625	3.375	4.125	2.375	3.000	3.375	2.250	2.375	3.125	2.750	3.000	2.375	2.750
85305D	Automotive Body Repair Estimators	3	2.875	2.750	3.000	2.500	2.000	3.375	3.125	2.500	2.250	3.125	3.500	2.250	3.625	3.375	2.500	2.375	3.000	2.750	2.750	2.750	3.000
85308	Motorcycle Mechanics and Repairers	2	3.125	3.250	3.250	2.500	2.125	3.125	3.250	2.750	2.500	3.375	3.875	2.375	3.250	3.375	2.375	2.375	3.000	2.625	3.125	2.500	2.750
85311A	Diesel Engine Mechanics	3	3.125	3.250	3.250	2.625	2.125	3.125	3.250	2.750	2.500	3.375	3.875	2.375	3.250	3.375	2.125	2.375	3.000	2.625	3.000	2.500	2.875
85311B	Diesel Engine Erectors and Fitters	4	3.000	3.125	3.250	2.500	1.875	3.250	3.125	2.625	2.250	3.625	4.125	2.250	3.125	3.500	2.000	2.375	3.125	2.750	2.500	2.500	2.875
85314	Mobile Heavy Equipment Mechanics, Except Engines	4	3.375	3.125	3.250	2.500	2.875	3.375	3.500	3.125	2.625	2.875	4.250	2.375	3.250	3.375	2.250	2.375	3.250	2.625	3.000	2.375	3.000
85317	Rail Car Repairers	3	3.375	3.250	3.250	2.500	2.000	3.375	3.250	2.625	2.500	3.500	4.250	2.375	3.250	3.375	2.000	2.500	3.375	2.875	3.375	2.375	2.875
85321	Farm Equipment Mechanics	3	3.250	3.250	3.250	2.375	1.875	3.125	3.000	2.500	2.500	3.375	4.250	2.250	3.250	3.375	2.000	2.375	2.875	2.500	3.000	2.500	3.000
85323A	Airframe-and-Power-Plant Mechanics	4	3.250	3.375	3.250	3.000	2.000	3.500	3.625	2.875	2.500	3.250	4.375	2.500	3.000	3.750	1.750	2.625	3.375	3.000	3.125	2.500	2.625
85323B	Aircraft Body and Bonded Structure Repairers	3	3.250	3.375	3.250	2.875	2.250	3.500	3.500	3.125	2.500	3.000	4.375	2.500	3.000	3.625	1.625	2.500	3.375	3.000	3.000	2.625	2.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85326	Aircraft Engine Specialists	4	3.625	3.375	3.250	2.875	2.125	3.625	3.625	2.875	2.500	3.250	4.375	2.625	3.125	3.750	1.750	2.750	3.375	2.875	3.000	2.625	2.500
85328A	Motorboat Mechanics	3	3.375	3.250	3.250	2.750	2.125	3.500	3.375	2.875	2.500	3.250	4.375	2.500	3.000	3.625	1.875	2.375	3.125	2.625	3.250	2.625	2.875
85328B	Small Engine Mechanics	3	3.250	3.250	3.375	2.750	2.125	3.625	3.250	2.750	2.500	3.250	4.375	2.500	3.000	3.500	2.000	2.375	3.000	2.625	3.000	2.625	2.875
85502	Central Office and PBX Installers and Repairers	4	3.125	3.125	3.250	2.875	1.875	3.875	3.375	2.875	2.500	3.375	4.375	2.375	3.125	3.875	1.750	2.500	3.500	3.625	3.125	3.000	2.875
85505	Frame Wirers, Central Office	2	2.625	2.500	3.000	2.625	1.625	3.500	2.750	3.000	1.500	3.250	4.250	1.625	2.500	3.750	1.750	1.875	3.500	3.875	2.375	2.875	2.750
85508	Telegraph and Teletype Installers and Maintainers	4	3.125	3.000	3.000	2.625	1.875	3.500	3.125	2.750	2.375	3.375	4.250	2.250	2.875	3.625	2.000	2.125	3.375	3.500	2.750	2.875	3.000
85511	Signal or Track Switch Maintainers	4	3.000	3.250	3.000	2.625	1.875	3.500	3.125	2.750	2.375	3.125	4.250	2.250	3.250	3.625	1.875	2.375	3.500	3.750	3.000	2.500	3.000
85514	Radio Mechanics	3	3.250	3.250	3.250	2.500	1.750	3.375	3.250	2.375	2.625	3.875	4.375	2.375	3.250	3.625	1.875	2.750	3.125	3.250	3.250	3.125	3.000
85599A	Communication Equipment Mechanics, Installers, and Repairers	3	3.125	3.250	3.500	2.625	2.375	3.500	3.375	2.750	2.625	3.125	4.125	2.375	3.125	3.750	2.750	2.750	3.500	3.750	3.750	2.625	2.875
85599B	Telecommunications Facility Examiners	3	2.750	2.750	3.000	2.750	2.125	3.250	3.000	2.500	2.500	3.375	4.125	2.375	3.375	3.375	2.375	2.375	3.375	3.375	2.875	2.875	3.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85599C	Sound Technicians	3	3.000	3.250	3.250	2.750	2.000	3.375	3.125	2.625	2.875	3.625	4.250	2.750	3.500	3.500	2.250	2.625	3.375	3.500	3.375	3.250	3.250
85702	Telephone and Cable Television Line Installers and Repairers	3	2.750	3.000	3.125	3.000	2.250	3.375	3.250	2.500	2.250	3.750	3.875	2.125	2.875	3.750	2.750	2.375	3.500	3.750	3.125	2.625	2.625
85705	Data Processing Equipment Repairers	4	3.500	3.375	3.375	3.250	2.125	3.375	3.375	2.875	2.875	3.500	4.250	2.750	3.125	3.750	2.500	2.750	3.375	3.375	3.625	3.500	3.125
85708	Electronic Home Entertainment Equipment Repairers	3	3.250	3.125	3.250	2.625	2.375	3.250	3.375	2.375	2.750	3.625	4.125	2.500	3.125	3.625	2.875	2.625	3.250	3.250	3.500	3.250	3.125
85711A	Electric Home Appliance and Power Tool Repairers	3	3.250	3.125	3.250	2.625	2.250	3.250	3.250	2.250	2.750	3.500	4.125	2.500	3.125	3.500	3.000	2.375	3.125	3.125	3.500	3.375	3.125
85711B	Home Appliance Installers	3	2.625	2.750	3.250	2.750	2.125	3.250	3.000	2.500	2.375	3.125	4.125	2.250	2.875	3.375	3.000	2.250	3.125	3.000	2.750	3.125	3.000
85714A	Electric Motor and Switch Assemblers and Repairers	3	3.125	2.875	3.500	3.000	2.000	3.375	3.375	2.500	2.625	3.625	4.375	2.375	3.250	3.625	1.875	2.500	3.375	3.375	3.250	3.000	2.875
85714B	Battery Repairers	2	3.000	2.625	3.375	2.750	2.250	3.250	2.875	2.875	2.375	3.375	4.375	2.125	2.875	3.750	1.750	2.000	3.375	3.500	2.875	3.000	2.750
85714C	Transformer Repairers	4	2.750	2.500	3.500	2.750	2.000	3.500	3.125	3.000	2.375	3.375	4.375	2.125	2.875	3.750	1.750	2.000	3.500	3.750	2.750	2.750	2.750
85714D	Electrical Parts Reconditioners	2	2.750	2.750	3.375	2.500	1.625	3.250	3.000	2.250	2.500	3.875	4.500	1.875	3.125	3.375	1.625	1.875	3.250	3.250	2.625	2.500	2.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85717A	Electronics Mechanics and Technicians	3	3.750	3.625	3.625	3.375	3.500	3.750	3.750	3.625	3.500	2.625	4.000	2.875	3.625	3.875	2.500	3.250	3.750	3.125	3.750	3.500	3.250
85717B	Test Card and Circuit Board Repairers	1	3.000	3.000	3.375	3.125	1.750	3.625	3.375	2.375	2.625	3.500	4.500	2.500	3.375	3.625	1.750	2.750	3.625	3.375	3.250	3.375	2.875
85721	Powerhouse, Substation, and Relay Electricians	5	3.250	3.250	3.375	3.000	2.125	3.625	3.375	3.000	2.750	3.375	4.500	2.500	3.500	3.625	1.875	2.875	3.375	3.250	3.500	2.875	3.250
85723	Electrical Powerline Installers and Repairers	4	3.000	3.125	3.250	3.250	1.750	3.625	3.375	2.625	2.500	3.500	4.500	2.375	3.250	4.000	2.000	2.625	3.625	3.750	3.125	2.625	2.875
85726	Station Installers and Repairers, Telephone	4	2.875	3.000	3.375	3.250	1.750	3.625	3.250	2.250	2.750	3.625	4.500	2.250	3.250	4.000	1.875	2.250	3.625	3.750	3.250	2.500	3.000
85728A	Aircraft Electricians	4	3.250	3.125	3.500	3.125	2.000	3.625	3.625	2.500	2.750	3.625	4.375	2.750	3.375	3.625	1.875	2.875	3.750	3.375	3.375	3.375	3.250
85728B	Ground Transportation Electricians	3	3.000	3.000	3.500	3.125	2.375	3.500	3.375	2.500	2.625	3.375	4.250	2.625	3.375	3.750	2.125	2.750	3.625	3.250	3.250	3.125	3.125
85902A	Heating and Air Conditioning Mechanics	4	3.125	3.000	3.625	2.750	2.250	3.500	3.375	2.375	3.000	3.750	4.375	2.500	3.500	3.625	2.375	2.500	3.250	3.250	3.375	2.375	3.125
85902B	Refrigeration Mechanics	4	3.125	3.000	3.500	2.750	1.875	3.500	3.375	2.375	2.875	3.750	4.500	2.375	3.375	3.625	1.875	2.375	3.375	3.250	3.250	2.500	3.125
85905	Precision Instrument Repairers	4	3.250	3.125	3.250	2.625	2.000	3.375	3.500	2.250	2.625	4.125	4.375	2.375	3.250	3.625	1.750	2.750	3.250	3.000	3.000	3.250	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85908	Electromedical and Biomedical Equipment Repairers	3	3.375	3.375	3.500	2.750	2.750	3.500	3.500	3.250	2.750	3.250	4.250	2.875	3.250	3.625	2.625	2.750	3.375	3.125	3.125	3.375	3.250
85911	Electric Meter Installers and Repairers	3	2.625	2.625	3.375	2.875	1.500	3.500	3.000	2.125	2.250	4.250	4.375	1.875	3.125	3.750	1.625	2.375	3.375	3.250	2.625	2.750	2.625
85914	Camera and Photographic Equipment Repairers	4	3.500	3.125	3.375	2.500	2.250	3.250	3.375	3.000	2.750	3.500	4.125	2.875	3.375	3.625	2.750	2.750	3.000	2.750	3.125	3.750	3.500
85917	Watchmakers	3	3.750	3.250	3.125	2.125	1.750	3.250	3.500	2.125	2.625	4.625	4.625	2.750	3.375	3.750	2.375	3.000	2.750	2.750	2.625	4.125	3.500
85921A	Keyboard Instrument Repairers and Tuners	3	3.250	3.250	3.125	2.250	1.625	3.375	3.000	2.125	2.500	4.250	4.625	2.625	3.375	3.375	2.125	2.750	3.125	3.125	2.750	3.750	3.500
85921B	Stringed Instrument Repairers and Tuners	3	3.500	3.250	3.125	2.250	1.625	3.250	3.125	2.000	2.500	4.250	4.625	2.625	3.375	3.375	2.125	2.625	2.875	3.000	2.625	3.750	3.500
85921C	Reed or Wind Instrument Repairers and Tuners	4	3.375	3.125	3.125	2.250	1.625	3.250	3.125	2.000	2.500	4.250	4.625	2.750	3.375	3.375	2.125	2.625	2.875	3.000	2.625	3.750	3.500
85921D	Percussion Instrument Repairers and Tuners	3	3.375	3.250	3.125	2.250	1.625	3.250	3.125	2.000	2.375	4.250	4.500	2.750	3.375	3.375	2.125	2.625	2.875	3.000	2.375	3.750	3.500
85923	Locksmiths and Safe Repairers	3	2.875	3.000	3.000	2.375	1.625	3.250	3.250	2.125	2.500	4.250	4.125	2.625	3.500	3.625	2.375	2.875	3.125	3.125	2.750	3.250	3.125
85926	Office Machine and Cash Register Servicers	3	3.125	3.000	3.250	2.500	2.625	3.125	2.750	2.750	2.500	3.625	4.375	2.375	3.250	3.375	2.375	2.625	3.375	3.375	2.875	3.250	3.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85928A	Valve and Regulator Repairers	3	2.875	2.875	3.250	2.375	2.625	3.125	2.875	2.250	2.625	3.625	4.375	2.250	3.250	3.500	2.250	2.500	3.375	3.375	2.750	2.500	2.875
85928B	Meter Mechanics	2	2.500	2.500	3.375	2.500	1.750	3.500	2.875	2.125	2.250	4.250	4.625	1.875	3.125	3.625	1.500	2.250	3.375	3.375	2.375	2.625	2.750
85928C	Mechanical Door Repairers	3	2.750	2.500	3.250	2.250	1.750	3.375	2.875	2.250	2.375	4.000	4.500	1.875	3.125	3.250	1.375	2.125	3.250	3.375	2.500	2.500	2.750
85928D	Utilities Representatives	2	3.375	3.125	3.250	3.375	2.625	3.750	3.250	2.500	2.875	3.250	3.750	2.625	3.375	3.750	2.500	2.625	3.625	3.250	3.125	2.500	3.000
85932	Elevator Installers and Repairers	4	3.000	2.875	3.125	2.375	2.125	3.500	3.250	2.250	2.875	3.875	4.500	2.250	3.250	3.375	1.625	2.500	3.125	3.250	2.625	2.250	2.750
85935	Riggers	3	3.000	2.875	3.250	2.500	3.250	3.500	3.125	3.375	2.875	2.625	4.500	2.375	3.375	3.125	1.750	2.500	3.375	3.375	2.875	2.125	2.875
85938	Installers and Repairers- Manufactured Buildings, Mobile Homes, and Travel Trailers	2	3.125	3.000	3.250	2.625	2.125	3.250	2.875	2.375	2.375	3.125	4.250	2.250	3.000	3.250	2.250	2.375	3.250	3.250	3.250	2.375	2.875
85944	Gas Appliance Repairers	4	2.625	2.625	3.125	2.625	1.750	3.250	3.125	2.000	2.375	3.875	4.500	2.375	3.250	3.375	2.375	2.625	3.250	3.000	2.875	2.500	3.000
85947	Coin and Vending Machine Servicers and Repairers	2	2.500	2.500	3.125	2.375	1.750	3.375	2.875	2.000	2.250	3.875	4.125	2.375	3.250	3.500	1.625	2.375	3.000	3.125	2.875	2.875	3.000
85951	Bicycle Repairers	2	2.875	2.875	3.000	2.125	1.875	2.875	2.875	2.500	2.875	3.625	4.250	2.750	3.500	3.250	3.000	2.750	2.750	2.750	2.750	3.250	3.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
85953	Tire Repairers and Changers	1	2.500	2.250	3.250	2.500	1.750	3.125	2.500	2.500	2.125	3.500	4.500	2.125	3.125	3.500	2.625	2.125	3.125	3.125	2.125	2.625	2.750
85956A	Textile Menders	1	2.375	2.500	3.750	2.250	1.750	3.000	2.375	2.250	1.875	4.125	4.875	1.750	2.625	3.125	1.750	1.750	3.125	3.250	1.750	3.000	2.375
85956C	Hand Weavers	2	2.125	2.375	3.500	2.250	1.750	3.125	2.375	2.250	1.875	4.125	4.875	1.500	2.500	3.125	1.750	1.875	3.125	3.125	1.750	3.000	2.500
85998	Product Repairers	1	2.875	2.875	3.375	2.750	2.000	3.125	2.875	2.250	2.500	3.875	4.375	2.250	3.250	3.375	2.500	2.500	3.250	3.250	2.875	3.125	2.875
85999A	Hand and Portable Power Tool Repairers	2	3.000	2.750	3.625	2.375	1.875	3.125	3.000	2.250	2.625	4.000	4.375	2.375	3.250	3.375	1.875	2.375	3.125	3.000	2.875	3.125	3.000
85999B	Pump Installers and Servicers	2	3.000	2.875	3.625	2.375	2.125	3.000	3.000	2.750	2.625	3.500	4.375	2.250	3.375	3.000	1.875	2.125	3.125	3.000	3.000	2.250	2.625
85999C	Blacksmiths	3	3.625	3.500	3.625	2.125	1.750	2.500	3.125	2.000	3.500	4.250	4.500	3.125	3.375	3.250	2.250	3.000	2.500	2.750	3.125	2.125	3.375
85999D	Gunsmiths	5	3.625	3.625	3.750	2.125	1.750	2.500	3.250	2.125	3.500	4.250	4.000	3.125	3.500	3.250	2.250	2.750	2.500	2.750	3.000	2.875	3.375
85999E	Automobile Wreckers	2	2.375	2.375	3.500	2.000	1.750	2.750	2.750	2.125	2.500	3.875	4.250	2.000	3.125	3.000	1.500	1.875	2.625	2.625	2.625	2.375	2.500
85999F	Divers	2	3.750	3.500	3.125	2.000	2.500	3.000	3.250	3.250	2.750	3.125	4.125	2.875	3.500	2.750	2.125	3.125	2.875	2.625	3.500	2.375	2.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87102A	Construction Carpenters	4	3.375	3.250	3.375	2.500	2.125	3.000	3.500	2.875	3.125	3.125	4.250	2.875	3.125	2.875	2.125	2.750	3.000	2.375	3.250	2.375	3.000
87102B	Rough Carpenters	3	3.250	3.250	3.500	2.500	2.250	3.000	3.375	2.875	3.000	3.000	4.250	3.000	3.125	3.250	2.000	2.875	3.125	2.500	3.250	2.250	2.875
87102C	Tank Builders and Coopers	2	3.250	3.125	3.375	2.250	2.125	3.000	3.375	2.875	2.875	3.125	4.250	2.750	3.000	3.125	1.750	2.500	3.125	2.625	2.625	2.500	2.875
87102D	Carpenter Assemblers and Repairers	2	3.000	3.125	3.500	2.750	2.500	2.875	2.875	3.125	2.500	3.125	4.250	2.625	2.750	3.250	1.750	2.500	3.125	2.875	3.125	2.375	2.625
87102E	Boat Builders and Shipwrights	4	3.625	3.625	3.500	2.750	2.250	3.125	3.375	3.125	2.875	3.250	4.125	3.000	3.125	3.000	2.250	2.750	3.125	3.125	3.125	2.375	2.500
87102F	Ship Carpenters and Joiners	3	3.250	3.000	3.625	2.375	2.000	3.125	3.375	2.750	2.625	3.625	4.125	2.625	2.875	3.000	2.125	2.875	3.250	2.750	3.125	2.500	2.500
87105	Ceiling Tile Installers and Acoustical Carpenters	4	3.000	2.875	3.125	2.500	1.875	3.250	3.125	2.750	2.250	3.375	4.000	2.375	2.625	3.000	2.000	2.500	3.375	2.875	2.500	2.250	2.375
87108	Drywall Installers	2	2.625	2.875	3.250	2.625	1.875	3.250	3.000	2.875	2.250	3.250	4.000	2.250	2.625	3.000	1.750	2.125	3.375	3.000	2.375	2.125	2.375
87111	Tapers	2	2.125	2.625	3.125	2.625	1.750	3.250	2.625	2.875	1.875	3.375	4.250	1.750	2.500	2.875	1.875	2.125	3.250	3.000	2.125	2.250	2.375
87114	Lathers	3	2.875	3.000	3.375	2.500	1.875	3.250	3.000	2.625	2.500	3.375	4.250	2.250	2.750	2.875	1.875	2.500	3.250	2.625	2.625	2.250	2.625



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87121	Brattice Builders	2	2.625	2.875	3.125	2.250	1.750	3.250	2.750	2.750	2.000	2.875	4.250	2.000	2.625	2.750	1.625	2.125	3.375	3.000	2.250	2.000	2.500
87202A	Electricians	3	3.875	3.375	3.500	2.750	3.375	3.125	3.500	3.250	3.250	3.125	4.125	3.125	3.500	3.375	2.875	3.000	2.750	2.500	3.250	2.625	3.250
87202C	Electrical Utility Trouble Shooters	2	3.250	3.125	3.625	3.000	2.250	3.375	3.000	3.000	2.875	3.375	4.250	2.500	3.250	3.375	3.125	2.625	3.250	3.250	3.125	2.375	2.750
87302	Brick Masons	3	3.250	3.250	3.000	2.250	1.875	3.125	3.375	2.750	2.375	3.375	4.375	2.250	2.875	3.125	2.125	2.500	3.000	2.500	3.000	2.125	2.750
87305B	Stone Masons	4	3.250	3.375	3.000	2.250	1.875	3.125	3.500	2.750	2.375	3.375	4.375	2.250	2.875	3.125	2.125	2.500	2.875	2.625	2.875	2.250	2.750
87308	Hard Tile Setters	2	3.125	3.250	3.250	2.500	1.750	3.250	3.250	2.750	2.250	3.375	4.375	2.125	2.750	3.000	2.125	2.250	3.000	2.875	2.500	2.250	2.375
87311	Concrete and Terrazzo Finishers	3	3.250	3.125	3.000	2.500	2.000	3.250	3.250	3.125	2.250	3.000	4.375	2.250	2.625	3.000	2.125	2.250	3.000	2.875	2.750	2.250	2.375
87314	Reinforcing Metal Workers	3	2.750	2.625	3.125	2.625	1.875	3.250	2.875	2.500	1.875	3.375	4.375	2.000	2.750	3.000	1.875	2.125	3.000	3.000	2.375	2.125	2.375
87317	Plasterers and Stucco Masons	4	3.000	3.125	3.000	2.500	2.375	3.250	3.125	3.250	2.375	3.000	4.375	2.250	3.000	2.875	2.125	2.375	3.000	2.875	2.500	2.375	2.500
87402A	Painters, Construction and Maintenance	4	2.750	3.125	3.250	2.250	1.875	3.125	3.000	2.875	2.000	3.250	4.500	2.625	2.750	2.625	2.375	2.375	2.875	2.875	2.250	2.125	2.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87402B	Paperhangers	2	2.500	3.000	3.250	2.500	1.875	3.000	2.875	2.875	2.000	3.125	4.500	2.375	2.750	2.750	2.375	2.125	2.875	2.875	2.375	2.250	2.250
87502A	Pipe Fitters	4	3.250	3.125	3.250	2.625	2.125	3.250	3.125	2.625	2.375	3.375	4.500	2.375	3.125	3.250	2.125	2.500	3.000	2.875	2.875	2.500	2.750
87502B	Plumbers	3	3.250	3.375	3.125	2.500	3.375	2.750	4.375	3.125	2.750	3.125	4.125	2.875	3.500	3.125	2.875	2.875	2.500	2.500	2.875	2.375	3.250
87505	Pipelaying Fitters	2	2.375	2.625	3.000	2.750	2.000	3.125	2.750	2.875	1.750	3.000	4.500	2.125	2.625	3.000	2.000	2.000	3.000	3.000	2.250	2.250	2.250
87508	Pipelayers	2	2.125	2.250	2.875	2.625	1.500	2.875	2.750	2.750	1.500	2.750	4.125	1.875	1.750	2.500	1.250	2.000	2.875	3.000	1.875	1.875	2.375
87511	Septic Tank Servicers and Sewer Pipe Cleaners	2	2.250	2.375	2.750	2.375	2.000	2.875	2.750	2.625	1.875	3.375	3.875	2.000	2.125	3.000	2.000	1.750	2.875	3.000	2.250	1.250	2.375
87602	Carpet Installers	4	2.125	2.750	2.625	2.250	1.625	2.750	2.625	2.750	2.000	3.000	4.125	2.375	2.125	2.750	2.625	2.250	2.875	2.625	2.375	2.875	2.500
87605	Floor Layers, Except Carpet, Wood, and Hard Tiles	3	2.125	2.750	2.625	2.250	1.500	2.625	2.625	2.500	1.875	2.875	4.125	2.250	2.250	2.625	2.375	2.250	2.875	2.625	2.375	2.750	2.500
87608	Floor Sanding Machine Operators	2	1.375	2.125	2.500	1.875	1.250	2.375	2.250	2.500	1.500	3.125	4.500	1.875	1.375	2.625	1.625	1.875	2.875	2.500	2.250	2.250	1.875
87702	Air Hammer Operators	1	1.375	1.875	2.625	1.875	1.250	2.250	2.250	2.375	1.250	3.375	4.750	1.625	1.250	2.625	1.250	1.625	2.625	2.625	1.875	1.750	1.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87705	Pile Driving Operators	2	1.625	1.875	2.625	1.875	1.250	2.375	2.375	2.375	1.250	3.375	4.625	1.625	1.375	2.500	1.250	1.750	2.750	2.750	2.125	1.625	1.500
87708	Paving, Surfacing, and Tamping Equipment Operators	2	1.875	2.625	2.875	2.375	1.500	2.750	3.000	2.750	1.750	3.250	4.250	2.125	1.625	2.625	1.250	2.000	3.125	3.125	2.250	1.875	2.000
87711	Highway Maintenance Workers	1	1.875	2.500	2.875	2.375	1.375	3.125	2.875	3.000	1.625	2.875	4.500	2.000	1.750	2.875	1.250	1.875	3.375	2.750	2.125	2.000	2.000
87714A	Rail-Track Laying and Maintenance Equipment Operators	1	2.125	2.375	2.875	2.500	1.375	3.250	3.000	2.750	1.500	2.750	4.500	2.000	1.875	2.875	1.125	2.000	3.500	3.125	2.125	2.125	1.625
87714B	Rail-Track Maintenance Workers	1	2.125	2.250	2.750	2.625	1.375	3.000	2.875	2.625	1.375	2.625	4.500	1.875	1.875	2.875	1.125	2.000	3.500	3.000	2.250	1.875	1.625
87714C	Railroad Brake Repairers	3	2.250	2.375	2.500	2.500	2.000	3.375	2.750	2.750	1.500	3.125	4.250	2.250	2.375	3.375	1.125	2.125	3.500	3.125	2.250	1.875	2.250
87802	Insulation Workers	3	2.125	2.250	2.750	2.375	1.625	2.750	2.625	2.500	1.375	3.375	4.125	1.875	2.375	2.625	1.375	2.000	3.000	2.750	1.875	2.000	2.250
87808	Roofers	3	2.125	2.750	3.000	2.000	1.750	2.625	2.875	2.750	2.000	2.750	3.875	2.375	2.250	1.625	1.625	2.125	2.500	2.500	1.875	1.250	2.625
87811	Glaziers	3	2.250	2.625	2.625	2.375	1.625	2.625	2.875	2.500	1.750	2.500	4.500	2.250	2.250	2.625	1.875	2.375	2.500	2.375	2.375	2.375	2.625
87814	Structural Metal Workers	3	2.500	2.875	3.375	2.750	2.125	3.375	3.125	3.250	1.625	2.500	4.375	2.250	2.000	2.750	1.125	2.375	3.250	3.000	2.250	1.875	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87817	Fence Erectors	2	1.875	2.500	3.000	2.250	1.500	2.625	2.500	2.625	1.625	2.875	4.500	2.000	2.125	2.500	1.625	2.000	2.875	2.750	2.125	1.875	2.250
87899A	Construction Installation Workers	2	2.500	2.750	3.000	2.750	1.625	3.000	2.750	2.875	1.875	2.875	4.250	2.375	2.500	2.500	1.625	2.125	2.875	2.875	2.500	2.250	2.625
87899B	Window Treatment Installers	2	1.875	2.375	2.500	1.875	1.375	2.750	2.500	2.250	2.125	3.500	4.125	2.125	2.250	2.500	2.500	2.000	2.750	2.875	2.625	3.250	2.500
87899C	Swimming Pool Installers and Servicers	5	2.625	3.000	2.500	2.125	2.000	2.875	3.000	2.750	2.125	2.375	3.750	2.500	2.375	2.125	2.375	2.375	2.875	2.875	2.500	1.875	2.375
87899D	Construction Workers, Except Trade	2	2.125	2.375	3.125	2.625	1.625	3.000	2.625	3.250	1.625	2.375	3.750	1.875	1.750	2.375	1.625	1.875	3.000	3.000	2.625	1.625	1.625
87899E	Concrete and Asphalt Cutting and Drilling Machine Operators	2	1.875	2.125	2.875	2.375	1.500	3.125	2.500	2.750	1.375	3.250	4.125	1.500	1.875	2.625	1.125	1.750	3.250	3.125	2.250	1.500	2.000
87899F	Conduit Mechanics	4	2.625	2.625	2.750	2.625	2.500	3.375	3.000	3.000	2.000	2.500	4.125	2.000	2.250	3.000	1.125	2.250	3.500	3.375	2.625	1.750	2.750
87899G	Hydraulic Jack Setters and Operators	3	2.125	2.250	2.625	2.500	2.625	3.125	2.875	3.375	1.875	2.250	4.125	2.000	2.250	2.625	1.250	2.000	3.250	3.250	2.625	1.750	2.125
87899H	Pipeline Maintenance Workers	2	2.125	2.125	2.875	2.625	2.000	3.250	2.750	3.000	2.125	2.875	4.000	1.875	2.250	2.625	1.625	1.875	3.250	3.125	2.500	1.500	2.500
87899J	Sign Erectors	2	1.875	2.375	2.625	2.250	1.750	2.750	2.750	2.500	1.875	2.750	4.375	1.750	2.000	2.750	1.500	1.875	3.000	2.875	2.000	1.750	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87899K	Ornamental Iron Workers	4	2.375	3.000	2.875	2.375	1.375	3.125	2.875	2.500	2.000	3.125	4.375	2.250	2.125	2.625	1.500	2.250	3.250	2.875	2.375	2.375	2.625
87899L	Housemovers	3	2.375	3.000	2.750	2.250	3.000	2.875	3.000	2.750	2.250	2.250	4.000	2.375	2.625	2.375	2.000	2.125	2.750	2.750	2.500	2.125	2.875
87902A	Construction Drillers	2	2.000	2.500	2.875	2.625	2.000	3.000	2.750	2.875	1.625	3.000	4.500	1.875	2.125	2.375	1.250	2.000	2.875	3.000	2.375	1.750	2.000
87902B	Well and Core Drill Operators	3	2.250	2.500	2.875	2.750	1.875	3.000	2.750	2.750	1.875	3.125	4.375	2.000	2.250	2.500	1.250	2.000	3.000	2.875	2.250	2.000	2.375
87905	Blasters and Explosives Workers	2	2.750	2.875	2.750	2.500	2.625	3.000	3.125	2.875	2.250	2.750	4.000	2.375	2.750	2.500	1.125	2.375	3.000	3.375	2.375	1.500	2.500
87908	Rock Splitters, Quarry	2	1.750	2.375	2.750	2.250	1.500	2.875	2.500	2.875	1.625	3.250	4.500	1.625	1.875	2.500	1.125	1.625	2.750	2.625	1.625	1.500	1.750
87911	Rotary Drill Operators, Oil and Gas Extraction	3	2.625	2.875	3.000	2.750	1.750	3.500	3.375	2.875	2.375	2.875	3.750	2.000	2.125	2.375	1.250	2.125	3.375	3.000	2.250	1.500	2.375
87914	Derrick Operators, Oil and Gas Extraction	2	2.000	2.250	3.000	2.625	1.500	3.375	3.000	2.750	1.500	2.875	4.375	1.875	1.750	2.500	1.125	1.875	3.375	3.125	1.875	1.500	2.000
87917	Oil and Gas Well-Sounding-Device and Fishing-Tool Operators	4	3.125	2.750	3.125	2.875	3.125	3.375	3.500	3.250	2.875	2.625	4.000	2.625	3.125	3.125	1.375	2.500	3.625	3.375	2.750	1.750	3.125
87921	Roustabouts	2	1.625	1.750	2.875	2.500	1.375	3.250	2.625	2.875	1.875	2.625	4.250	1.625	2.000	2.750	1.125	1.875	3.375	3.125	2.000	1.500	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
87923	Roof Bolters	2	1.875	2.000	3.000	2.375	1.625	3.125	2.625	2.750	1.625	2.750	4.125	1.750	1.875	2.750	1.250	2.000	3.250	3.250	1.875	1.250	2.125
87941	Continuous Mining Machine Operators	2	1.625	1.750	3.250	2.500	1.375	3.375	2.625	2.750	1.375	2.875	4.125	1.625	1.750	2.750	1.125	1.875	3.500	3.250	1.625	1.250	2.000
87943	Mine Cutting and Channeling Machine Operators	2	2.375	2.375	3.125	2.750	1.750	3.250	3.000	3.125	1.875	2.750	4.125	2.000	2.250	2.625	1.125	2.125	3.375	3.375	1.750	1.375	2.375
87949A	Mining Machine Operators and Tenders	2	2.250	2.250	3.250	2.750	1.375	3.250	2.875	2.875	1.750	3.125	4.125	2.000	2.250	2.750	1.125	2.000	3.375	3.375	2.000	1.375	2.250
87949B	Oil and Gas Well-Pumping and Blending-Equipment Operators	3	2.375	2.375	3.000	2.750	2.375	3.375	3.000	3.000	2.000	3.000	4.125	2.250	2.500	2.625	1.125	2.250	3.250	3.250	2.000	1.750	2.500
87989A	Miners, Petroleum, and Gas Extractive Workers	2	2.375	2.500	3.250	2.875	1.875	3.375	3.125	3.375	2.000	2.625	4.000	1.875	2.250	2.875	1.250	2.000	3.500	3.500	2.250	1.375	2.375
89102	Tool and Die Makers	4	3.000	2.875	3.375	2.875	1.625	3.500	3.125	2.875	2.625	3.250	4.375	2.750	3.000	3.250	1.125	2.750	3.250	3.000	2.625	2.625	3.000
89105	Precision Instrument Makers	4	3.250	3.000	3.250	2.875	1.625	3.500	3.125	2.750	2.625	3.375	4.375	2.875	2.875	3.250	1.125	2.750	3.250	3.125	2.625	2.875	3.000
89108	Machinists	4	3.375	3.250	3.375	2.625	2.125	3.750	3.375	3.000	3.000	3.125	4.375	2.875	3.125	3.625	1.250	3.000	3.500	3.250	2.750	3.000	3.375
89111	Tool Grinders, Filers, Sharpeners, and Other Precision Grinders	3	2.625	2.750	3.250	2.625	1.500	3.500	3.000	2.875	2.500	3.250	4.375	2.500	2.750	3.250	1.125	2.500	3.375	3.000	2.500	2.625	2.625

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89114A	Model Makers, Metal and Plastic	4	3.625	3.500	3.250	2.625	2.125	3.625	3.375	3.000	3.125	3.250	4.250	2.875	3.125	3.250	1.125	3.000	3.500	3.000	3.125	3.000	3.250
89114B	Patternmakers, Metal and Plastic	4	3.250	3.000	3.125	2.750	1.625	3.500	3.000	2.875	2.750	3.500	4.375	2.750	2.875	3.250	1.125	2.875	3.250	3.125	2.750	2.875	3.000
89117	Precision Layout Workers, Metal	3	3.250	3.125	3.125	2.875	1.500	3.625	3.000	2.875	2.750	3.625	4.375	2.875	2.875	3.125	1.125	2.875	3.250	3.125	2.875	2.875	3.000
89121	Shipfitters	5	2.500	2.625	3.000	2.875	1.875	3.500	3.250	2.875	2.375	2.875	4.250	2.750	2.375	2.750	1.125	2.625	3.500	3.125	2.625	2.500	2.750
89123A	Jewelers	4	4.125	3.625	2.625	2.250	1.875	2.250	3.500	2.375	3.500	4.000	3.375	3.500	3.750	3.375	2.875	3.125	2.000	1.750	3.625	4.250	4.000
89123B	Silversmiths	3	3.500	3.500	2.875	2.375	1.625	2.250	3.125	2.125	3.375	4.125	3.625	3.250	3.375	3.375	2.125	3.000	2.000	1.875	3.500	3.500	3.750
89126C	Model and Mold Makers, Jewelry	3	3.375	3.250	3.125	2.375	1.625	3.000	3.000	2.375	3.000	4.125	4.000	2.875	2.750	3.250	2.000	2.875	2.875	2.750	3.250	3.875	3.125
89126E	Bench Workers, Jewelry	3	3.500	3.125	3.375	2.500	1.500	3.125	3.000	2.625	3.125	4.000	4.000	2.625	3.000	3.250	1.875	2.500	2.875	2.875	3.125	3.750	3.125
89126K	Pewter Casters and Finishers	4	3.500	3.250	3.125	2.500	1.500	2.750	3.000	2.250	3.250	4.125	4.125	2.875	3.000	2.875	1.750	2.625	2.500	2.375	3.125	3.375	3.250
89128	Precision Etchers and Engravers, Hand or Machine	3	3.250	3.250	3.375	2.625	1.375	3.000	2.875	2.500	2.875	3.875	4.250	2.750	2.625	3.125	1.375	2.625	2.750	2.750	2.750	3.250	3.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89132	Sheet Metal Workers	3	3.000	2.875	3.375	3.125	1.750	3.500	3.250	2.750	2.750	3.375	4.375	2.625	2.500	3.000	1.125	2.625	3.500	3.125	2.625	2.875	2.625
89135	Boilermakers	4	3.500	3.250	3.500	2.750	2.250	3.625	3.500	3.000	3.000	3.125	4.250	2.750	3.000	3.375	1.125	3.000	3.625	3.500	2.500	2.500	3.000
89302A	Patternmakers and Model Makers, Wood	4	3.250	3.125	3.000	2.625	2.125	3.250	3.000	2.750	2.625	3.625	4.625	2.500	2.875	3.125	1.125	2.625	3.000	2.875	2.750	3.125	3.000
89302C	Jig Builders	3	2.000	2.250	3.000	2.500	1.375	2.875	2.625	2.875	1.625	3.625	4.750	2.000	2.000	3.000	1.250	2.250	3.000	2.750	2.000	2.750	2.250
89305	Woodworking Layout Workers	4	2.875	2.750	3.125	2.625	1.750	3.125	3.000	2.375	2.500	3.750	4.500	2.500	2.500	3.250	1.125	2.500	3.125	2.875	2.750	3.125	2.875
89308	Wood Machinists	3	2.750	2.500	3.500	2.875	1.625	3.375	3.000	2.750	2.125	3.750	4.250	2.375	2.375	3.125	1.125	2.625	3.250	3.250	2.625	2.875	2.625
89311	Cabinetmakers and Bench Carpenters	3	3.250	3.250	3.250	2.500	1.875	2.875	3.125	2.875	2.625	3.500	4.125	3.125	2.625	2.875	1.750	3.125	3.000	2.875	2.875	3.125	3.125
89314	Furniture Finishers	2	2.750	3.250	2.875	2.375	1.625	2.875	3.000	2.250	2.875	3.875	4.000	3.000	2.875	2.750	1.625	2.750	2.875	2.500	2.875	2.875	3.250
89397A	Custom Precision Woodworkers, Musical Instruments	4	3.625	3.625	3.000	2.250	1.500	2.750	3.250	2.000	2.500	4.125	4.375	3.000	2.750	3.125	1.625	3.000	2.500	2.375	2.500	3.125	3.375
89397B	Custom Precision Woodworkers	3	3.625	3.750	2.875	2.250	1.500	2.750	3.375	2.125	2.875	4.000	4.375	3.000	3.250	2.875	1.625	3.000	2.750	2.625	3.125	3.125	3.500



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89398	Standard Precision Woodworkers	3	3.000	3.125	3.000	2.625	1.375	2.750	3.000	2.375	2.375	3.625	4.375	2.625	2.750	3.000	1.375	2.750	3.000	3.000	2.625	3.000	2.750
89502A	Fabric and Apparel Patternmakers	2	3.125	3.250	3.125	2.750	1.875	3.125	2.750	2.500	2.625	3.875	4.500	2.750	2.750	3.125	1.500	2.750	3.125	2.750	2.625	3.375	3.000
89502B	Embroidery Patternmakers and Designers	3	2.750	3.125	3.000	2.625	1.750	3.000	2.750	2.500	2.250	4.000	4.500	2.750	2.500	3.125	1.750	2.750	3.000	2.750	2.500	3.375	3.125
89502D	Hat Patternmakers	4	2.250	2.750	3.000	2.375	1.625	2.750	2.750	2.375	2.125	4.000	4.625	2.625	2.500	3.000	1.625	2.500	2.875	2.750	2.250	3.375	3.125
89505A	Shop and Alteration Tailors	3	3.250	3.125	3.250	2.500	1.875	2.375	2.875	2.125	2.875	3.875	4.000	2.625	2.875	3.250	3.125	2.625	2.500	2.375	3.125	3.875	3.500
89505B	Custom Tailors	4	3.875	3.625	3.000	2.000	2.250	2.375	3.125	2.000	3.625	3.750	4.125	3.375	3.750	3.000	3.250	3.375	2.125	2.000	3.375	4.000	4.125
89508	Upholsterers	3	3.000	3.125	3.000	2.375	2.375	2.500	2.875	2.250	3.000	3.375	4.000	2.625	3.125	3.125	2.500	2.750	2.500	2.375	2.875	3.375	3.500
89511	Shoe and Leather Workers and Repairers- Precision	2	3.375	3.250	3.000	2.250	2.250	2.750	2.875	2.250	2.875	3.750	4.250	2.625	3.000	3.000	2.375	2.750	2.625	2.375	2.875	3.250	3.250
89514	Spotters, Dry Cleaning	1	2.000	2.375	3.250	2.250	1.375	2.750	2.250	2.750	1.750	3.625	4.250	2.000	2.125	3.375	2.250	2.000	3.000	3.125	2.250	2.375	2.500
89517	Pressers, Delicate Fabrics	2	2.000	2.500	3.375	2.500	1.375	2.875	2.375	2.750	1.875	3.625	4.500	2.000	2.125	3.375	2.375	2.000	2.875	3.250	2.125	2.375	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89521	Precision Dyers	3	2.625	2.875	3.125	2.625	2.125	3.000	2.875	2.500	2.500	3.500	4.125	2.500	2.750	3.375	2.375	2.500	3.125	3.250	2.750	2.750	3.000
89599A	Rug Repairers	2	2.500	3.000	2.875	2.250	1.375	2.750	2.750	2.375	2.250	3.875	4.250	2.375	2.375	3.000	2.250	2.375	2.750	2.750	2.375	3.250	2.875
89599B	Fur Garment Workers	4	2.875	3.000	2.875	2.375	1.375	2.500	3.000	2.500	2.500	4.000	3.875	2.500	2.625	3.000	1.875	2.500	2.625	2.750	2.375	2.875	3.000
89599C	Fabricators, Canvas and Net Products	3	2.750	2.875	3.000	2.375	2.000	2.875	2.750	2.625	2.750	3.375	4.375	2.500	2.625	2.625	2.000	2.625	2.875	2.875	2.750	2.750	2.875
89599D	Hat Makers and Repairers	2	3.000	3.250	3.000	2.375	1.625	2.500	2.875	2.500	3.000	4.000	4.500	2.750	2.875	3.125	1.875	2.750	2.625	2.500	3.125	3.500	3.375
89599E	Fur Dressers	3	1.875	1.750	2.625	1.750	1.250	2.125	2.500	2.125	1.625	4.000	3.750	1.750	2.000	2.500	1.375	1.625	2.250	2.250	2.000	2.250	3.000
89702	Hand Compositors and Typesetters	4	2.250	2.625	3.375	2.750	1.500	3.125	2.875	2.750	2.375	3.750	4.500	2.500	2.375	3.250	1.375	2.750	3.375	3.375	2.625	3.375	2.875
89705	Job Printers	5	2.750	2.750	3.500	2.500	1.625	2.875	3.000	2.625	2.500	3.750	4.375	2.875	2.500	3.250	1.500	2.750	3.000	3.000	3.000	3.250	3.125
89706	Paste-Up Workers	4	2.875	3.000	3.500	2.875	2.000	3.125	2.750	3.000	2.625	3.500	4.125	2.875	2.500	3.375	1.750	2.750	3.250	2.875	3.000	3.500	3.125
89707	Electronic Pagination System Operators	4	3.250	3.125	3.125	2.750	1.500	3.375	3.250	2.750	2.875	3.875	4.000	3.000	2.875	3.500	1.500	3.000	3.500	3.000	3.125	4.000	3.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89712	Photoengravers	4	3.250	3.375	3.125	2.750	1.625	3.125	3.000	2.500	2.750	4.000	4.125	2.875	3.000	3.125	1.250	3.000	3.250	3.125	3.000	3.250	3.375
89713	Camera Operators	4	3.125	2.875	3.000	2.750	1.625	2.875	3.000	2.375	3.125	4.000	4.125	2.750	3.000	3.000	1.375	3.125	2.625	2.625	2.750	3.125	3.500
89715	Scanner Operators	4	2.875	2.750	3.000	2.625	1.625	2.875	3.000	2.500	2.875	3.750	4.500	2.750	3.000	3.125	1.375	3.000	2.875	2.875	2.750	3.500	3.500
89717	Strippers	4	3.125	3.125	3.125	2.500	1.625	3.000	3.125	2.750	3.125	3.875	4.250	2.625	3.375	3.125	1.750	3.125	3.000	3.125	3.000	3.375	3.375
89718	Platemakers	3	3.000	3.000	3.250	2.625	1.625	3.125	3.125	2.750	3.250	3.875	4.250	2.625	3.375	3.250	1.500	3.000	3.000	3.125	2.875	3.375	3.375
89719A	Dot Etchers	5	3.000	2.750	3.000	2.625	1.500	3.000	2.875	2.750	2.875	3.875	4.500	2.500	3.250	3.250	1.500	2.875	3.000	2.875	2.875	3.375	3.375
89719B	Electronic Masking System Operators	4	2.875	2.750	3.125	2.625	1.625	3.125	3.125	2.875	2.500	3.875	4.500	2.750	2.750	3.250	1.250	3.000	3.125	3.125	2.875	3.500	3.125
89721	Bookbinders	4	3.250	3.250	3.375	2.750	1.750	3.625	3.125	2.750	2.250	3.625	4.625	2.750	2.750	3.500	1.250	2.750	3.500	3.750	2.625	3.500	3.125
89799A	Precision Printing Workers	2	3.375	3.375	3.250	2.750	2.000	3.500	3.250	2.625	2.875	3.750	4.250	3.000	3.250	3.375	1.875	3.125	3.375	3.500	3.250	3.375	3.375
89799B	Electrotypers and Stereotypers	5	2.875	2.750	3.375	2.750	1.375	3.375	3.000	2.625	2.250	3.875	4.375	2.500	2.750	3.125	1.250	2.750	3.500	3.375	2.750	3.250	2.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89802	Slaughters and Butchers	2	2.000	1.875	3.125	2.000	1.500	3.125	2.750	2.875	1.625	3.500	3.125	2.125	2.250	3.625	1.625	1.875	3.000	2.500	2.250	1.500	2.625
89805	Bakers, Manufacturing	3	2.125	2.750	3.125	2.625	1.625	3.500	2.625	3.000	2.250	3.375	4.375	2.500	2.125	3.125	1.375	2.625	3.250	3.375	2.500	2.750	2.625
89808	Food Batchmakers	3	2.375	2.750	3.375	2.625	3.125	3.500	2.750	3.125	2.000	2.750	4.000	2.500	2.500	3.375	1.250	2.750	3.375	3.500	3.000	2.875	2.750
89902	Precision Foundry Mold and Core Makers	2	2.750	2.625	3.125	3.000	1.625	3.500	2.875	3.125	2.000	3.250	4.625	2.375	2.000	3.125	1.125	2.625	3.625	3.250	2.125	2.125	2.625
89905A	Precision Mold and Pattern Casters, except Nonferrous Metals	3	2.375	2.500	3.250	2.750	1.375	3.250	2.750	2.750	1.875	3.500	4.500	2.375	2.250	3.000	1.125	2.625	3.500	3.250	2.250	2.625	2.500
89905B	Precision Pattern and Die Casters, Nonferrous Metals	4	2.250	2.500	3.250	2.625	1.375	3.250	2.750	2.750	1.750	3.500	4.500	2.250	2.000	3.125	1.125	2.625	3.500	3.000	2.125	2.500	2.500
89905C	Stone Cutters and Carvers	3	3.500	3.625	2.750	2.000	1.375	2.625	2.875	2.375	3.000	4.000	4.625	3.375	3.000	2.625	1.500	2.875	2.625	2.250	3.000	2.875	3.500
89905D	Glass Blowers, Molders, Benders, and Finishers	4	3.750	3.750	2.875	2.375	1.500	3.000	3.125	2.375	2.750	4.000	4.375	3.125	3.125	2.750	1.625	3.000	2.875	3.125	2.875	2.500	3.125
89905F	Potters	4	3.375	3.750	2.500	1.875	1.375	2.125	2.625	1.875	3.625	4.125	4.875	3.500	3.500	2.500	1.750	2.875	2.125	1.875	3.500	3.250	3.875
89908A	Patternmakers and Model Makers, Except Wood	4	3.500	3.500	3.250	2.875	2.125	3.500	3.375	2.875	3.250	3.500	4.375	2.875	3.250	3.125	1.250	3.125	3.250	3.000	3.250	3.125	3.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89908B	Cutters and Layout Workers	3	2.750	2.875	3.000	2.875	1.625	3.250	2.875	2.750	2.500	3.750	4.500	2.500	2.750	3.000	1.250	2.750	3.250	3.000	2.875	3.125	3.000
89908C	Model and Mold Makers	3	3.125	3.000	3.000	2.625	1.625	3.125	2.875	2.750	2.375	3.625	4.500	2.500	2.625	3.000	1.125	2.750	3.125	2.875	2.875	3.125	2.750
89908D	Exhibit Builders	4	4.000	3.750	2.750	2.500	3.375	3.000	3.375	3.125	3.625	3.125	4.250	3.375	3.500	2.500	2.000	3.250	3.000	2.375	3.500	3.625	3.875
89911A	Precision Painters	2	4.125	3.750	3.125	2.375	1.375	2.875	2.875	2.625	3.875	4.250	4.625	3.250	3.125	2.875	1.750	3.000	2.750	2.500	3.625	3.500	3.500
89911B	Silk Screen Process Decorators	2	2.625	3.000	2.750	2.500	1.375	2.875	2.625	2.625	2.375	3.750	4.500	2.500	2.375	2.875	1.625	2.250	2.875	3.000	3.000	3.250	3.250
89911C	Engravers/Carvers	3	3.375	3.375	2.750	2.375	1.375	2.875	2.875	2.375	3.250	4.125	4.500	2.750	2.625	2.750	1.750	2.750	3.000	2.875	3.000	3.375	3.125
89911D	Etchers	3	3.125	3.250	2.625	2.125	1.500	2.875	2.875	2.125	3.625	4.375	4.250	2.625	2.875	2.375	1.750	2.750	2.875	2.875	3.000	3.125	3.125
89911E	Tracers and Letterers	3	3.125	3.250	2.625	2.125	1.625	3.000	2.875	2.500	3.375	4.375	4.250	2.875	2.625	2.625	2.000	2.875	3.000	3.125	3.000	3.375	3.250
89911G	Gilders	3	2.250	2.875	2.750	2.250	1.250	2.875	3.000	2.375	2.250	4.250	4.625	2.500	2.125	2.875	1.500	2.500	2.750	3.000	2.375	3.375	3.125
89914A	Photographic Retouchers and Restorers	3	3.250	3.500	2.875	2.500	1.500	2.750	3.000	2.500	3.125	4.000	4.125	2.875	3.000	2.875	2.125	2.875	2.875	2.750	3.125	3.750	3.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
89914B	Photographic Reproduction Technicians	3	3.000	3.125	3.000	2.500	1.500	2.875	3.000	2.625	2.625	4.250	4.250	2.625	2.750	2.875	2.250	2.750	3.125	3.125	2.875	3.500	3.125
89914C	Photographic Hand Developers	2	2.000	2.625	2.750	2.625	1.375	3.000	2.875	2.625	1.750	4.000	4.250	2.250	2.125	3.125	1.750	2.625	2.875	3.125	2.250	3.125	2.500
89914D	Film Laboratory Technicians	4	2.625	2.750	3.000	2.500	1.375	3.000	3.000	2.625	1.875	4.000	4.250	2.375	2.750	3.250	1.500	2.625	3.125	3.375	2.625	3.500	3.375
89917A	Precision Lens Grinders and Polishers	3	3.375	3.375	3.250	2.750	1.750	3.250	3.500	2.500	2.000	4.000	4.375	2.750	2.875	3.375	2.125	2.875	3.250	3.125	2.875	3.625	3.250
89917D	Optical Instrument Assemblers	4	3.125	3.000	3.000	3.000	1.375	3.250	2.875	2.500	1.875	4.000	4.375	2.625	2.625	3.250	1.625	2.750	3.500	3.250	2.750	3.625	3.125
89921	Precision Dental Laboratory Technicians	3	3.375	3.375	3.125	2.750	1.750	3.250	3.250	2.750	2.125	4.000	4.125	3.000	2.750	3.500	2.125	2.875	3.375	3.375	2.875	3.750	3.125
89923	Medical Appliance Makers	2	3.375	3.875	3.125	2.625	2.500	3.375	3.375	2.625	2.750	4.000	4.125	3.375	3.125	3.375	3.250	3.375	3.375	3.250	3.000	3.625	3.250
89926A	Gem and Diamond Workers	2	3.750	3.125	2.625	2.500	1.625	3.125	3.625	2.500	3.000	4.250	4.000	3.125	3.125	3.125	1.250	3.125	3.125	3.375	2.750	3.500	3.250
89999A	Color Matchers and Dye Formulators	3	3.250	3.000	3.125	2.500	2.625	3.375	3.250	2.750	3.000	3.500	4.250	2.875	3.500	3.125	1.250	2.750	3.125	2.875	2.875	3.375	3.375
89999B	Wig Makers	3	3.000	3.000	2.875	2.000	1.375	2.625	2.750	2.625	3.250	4.000	4.250	2.875	2.750	2.750	1.750	2.500	2.875	2.875	2.750	3.375	3.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
91102	Sawing Machine Tool Setters and Set-Up Operators, Metal and Plastic	2	2.500	2.750	3.750	3.000	1.500	3.750	2.375	2.250	1.875	3.875	4.625	1.750	2.875	3.125	1.625	2.375	3.750	3.500	2.000	2.625	2.250
91105	Lathe and Turning Machine Tool Setters and Set-Up Operators, Metal and Plastic	3	2.625	2.875	3.750	3.125	1.500	3.875	2.375	2.125	2.000	3.875	4.625	1.875	2.500	3.375	1.375	2.250	3.750	3.500	2.000	2.625	2.250
91108	Drilling and Boring Machine Tool Setters and Set-Up Operators, Metal and Plastic	2	2.625	3.000	3.875	3.125	1.750	3.750	2.375	2.375	1.875	4.000	4.500	1.875	2.375	3.375	1.375	2.250	3.750	3.500	1.875	2.625	2.250
91111	Milling and Planing Machine Setters and Set-Up Operators, Metal and Plastic	3	2.625	2.875	3.750	3.125	1.500	3.750	2.625	2.250	2.250	4.000	4.625	2.000	2.500	3.375	1.375	2.250	3.625	3.500	1.875	2.625	2.250
91114A	Grinding, Honing, Lapping, and Deburring Machine Set-Up Operators	3	2.500	2.750	3.875	2.875	1.500	3.750	2.625	2.250	2.000	4.000	4.625	2.000	2.375	3.125	1.250	2.250	3.625	3.375	1.875	2.625	2.250
91114B	Buffing and Polishing Set-Up Operators	2	2.375	2.500	3.750	2.625	1.375	3.625	2.375	2.250	1.750	4.000	4.625	1.750	2.375	3.000	1.250	2.125	3.500	3.375	1.875	2.750	2.250
91117	Machine Tool Cutting Operators and Tenders, Metal and Plastic	1	2.375	2.625	4.000	2.375	1.500	3.750	2.375	2.375	1.625	4.000	4.625	1.750	2.250	3.000	1.375	2.125	3.625	3.500	2.000	2.625	2.375
91302	Punching Machine Setters and Set-Up Operators, Metal and Plastic	2	2.125	2.375	4.000	2.500	1.500	3.750	2.500	2.250	1.500	4.000	4.625	1.750	2.250	3.000	1.250	2.125	3.625	3.500	2.000	2.625	2.375
91305	Press and Press Brake Machine Setters and Set-Up Operators, Metal and Plastic	2	2.750	2.625	4.000	2.500	1.500	3.500	2.500	2.375	1.750	4.000	4.625	1.750	2.375	3.000	1.250	2.250	3.625	3.375	2.125	2.625	2.375
91308	Shear and Slitter Machine Setters and Set-Up Operators, Metal and Plastic	2	2.500	2.500	4.000	2.375	1.500	3.500	2.500	2.375	1.625	3.875	4.625	1.750	2.375	2.875	1.375	2.125	3.625	3.250	2.125	2.875	2.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
91311	Extruding and Drawing Machine Setters and Set-Up Operators, Metal and Plastic	2	2.625	2.625	3.875	2.625	1.500	3.750	2.375	2.375	1.500	3.875	4.625	1.875	2.375	2.875	1.375	2.250	3.625	3.375	2.125	2.750	2.375
91314	Rolling Machine Setters and Set-Up Operators, Metal and Plastic	2	3.000	2.750	3.875	2.750	2.625	3.750	2.625	3.375	2.000	3.625	4.375	1.875	2.625	2.875	2.000	2.375	3.750	3.500	2.375	2.750	2.625
91317	Forging Machine Setters and Set-Up Operators, Metal and Plastic	2	2.750	2.625	3.750	2.625	1.750	3.750	2.500	3.125	1.750	3.625	4.500	1.875	2.500	2.875	1.625	2.250	3.625	3.250	2.125	2.750	2.500
91321	Machine Forming Operators and Tenders, Metal and Plastic	1	2.375	2.625	3.750	2.625	2.750	3.625	2.625	2.875	1.500	3.500	4.625	2.000	2.500	2.875	1.750	2.250	3.500	3.250	2.250	2.750	2.250
91502	Numerical Control Machine Tool Operators and Tenders, Metal and Plastic	2	2.625	2.500	3.875	2.750	1.625	3.625	2.625	2.750	1.500	3.500	4.750	1.875	2.250	2.875	1.375	2.250	3.500	3.375	2.125	2.875	2.000
91505	Combination Machine Tool Setters and Set-Up Operators, Metal and Plastic	3	2.625	2.625	3.750	2.750	2.625	3.750	2.875	2.875	1.875	3.375	4.750	2.000	2.500	3.000	1.875	2.375	3.500	3.250	2.375	2.750	2.125
91508	Combination Machine Tool Operators and Tenders, Metal and Plastic	2	2.375	2.500	3.625	2.750	1.375	3.750	2.625	2.250	1.375	3.625	4.750	1.875	2.125	3.000	1.250	2.125	3.500	3.000	2.250	2.750	2.000
91702	Welding Machine Setters and Set-Up Operators	3	2.625	2.500	3.625	2.625	1.375	3.750	2.875	2.250	1.500	3.750	4.750	1.750	2.125	3.125	1.250	2.125	3.500	3.125	2.000	2.500	2.000
91705	Welding Machine Operators and Tenders	2	2.500	2.500	3.625	2.625	1.375	3.750	2.750	2.250	1.500	3.875	4.750	1.625	2.125	3.000	1.250	2.000	3.500	3.000	1.875	2.500	1.875
91708	Soldering and Brazing Machine Setters and Set-Up Operators	2	2.750	2.625	3.625	2.875	2.375	3.750	2.750	2.625	1.500	3.625	4.500	2.000	2.500	3.000	1.750	2.250	3.500	3.125	2.250	2.625	2.000



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
91711	Soldering and Brazing Machine Operators and Tenders	1	2.250	2.375	3.625	2.625	1.375	3.750	2.625	2.250	1.500	3.875	4.750	1.625	2.125	3.000	1.250	2.000	3.500	3.000	2.000	2.500	1.875
91714	Metal Fabricators, Structural Metal Products	4	2.750	2.750	3.750	2.750	1.375	3.750	3.000	2.500	2.250	3.750	4.375	2.250	2.625	3.125	1.375	2.375	3.750	3.125	2.250	2.750	2.125
91902	Plastic Molding and Casting Machine Setters and Set-Up Operators	2	2.500	2.500	3.625	2.500	1.375	3.750	2.750	2.250	1.500	3.875	4.625	1.875	2.125	3.000	1.250	2.125	3.625	3.000	2.250	2.750	2.125
91905	Plastic Molding and Casting Machine Operators and Tenders	1	2.500	2.500	3.625	2.625	1.625	3.750	2.750	2.750	1.875	3.625	4.625	2.000	2.125	3.000	1.500	2.250	3.500	3.125	2.125	2.750	2.000
91908	Metal Molding, Coremaking, and Casting Machine Setters and Set-Up Operators	2	2.375	2.625	3.625	2.625	1.375	3.750	2.875	2.375	1.500	4.000	4.625	1.875	2.000	3.000	1.250	2.250	3.625	3.125	2.125	2.375	2.000
91911	Metal Molding, Coremaking, and Casting Machine Operators and Tenders	1	2.500	2.750	3.625	2.750	2.500	3.750	2.875	2.875	1.875	3.375	4.625	2.250	2.250	3.000	1.625	2.250	3.625	3.000	2.375	2.375	2.125
91914	Foundry Mold Assembly and Shakeout Workers	1	2.125	2.250	3.625	2.500	1.250	3.750	2.500	2.000	1.250	4.000	4.750	1.750	1.875	3.000	1.375	1.875	3.500	3.000	1.750	2.375	1.750
91917	Electrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and	3	2.375	2.500	3.750	2.500	1.250	3.625	2.875	2.125	1.750	3.875	4.750	2.000	2.250	3.000	1.625	2.125	3.750	3.250	2.125	2.500	2.000
91921	Electrolytic Plating and Coating Machine Operators and Tenders, Metal and Plastic	2	2.375	2.500	3.875	2.625	1.125	3.750	3.000	2.125	1.375	4.000	4.750	2.000	2.000	3.000	1.375	2.125	3.750	3.250	2.000	2.500	1.875
91923	Nonelectrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and Plastic	3	2.500	2.500	3.750	2.625	1.125	3.750	3.000	2.125	1.625	4.000	4.750	2.000	2.250	3.000	1.625	2.125	3.750	3.250	2.125	2.625	2.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
91926	Nonelectrolytic Plating and Coating Machine Operators and Tenders, Metal and Plastic	1	2.250	2.500	3.750	2.500	1.125	3.750	2.750	2.125	1.500	3.875	4.625	2.000	2.125	3.000	1.375	2.125	3.750	3.250	2.000	2.625	1.875
91928	Heating Equipment Setters and Set-Up Operators, Metal and Plastic	3	2.500	2.625	3.750	2.500	2.375	3.750	2.875	2.875	1.875	3.500	4.500	2.000	2.375	3.000	2.000	2.125	3.625	3.250	2.125	2.250	1.875
91932	Heat Treating, Annealing, and Tempering Machine Operators and Tenders, Metal and Plastic	2	2.375	2.500	3.625	2.500	1.625	3.750	2.875	2.625	1.875	3.875	4.625	2.000	2.250	3.000	1.625	2.125	3.625	3.250	2.125	2.375	1.875
91935	Furnace Operators and Tenders	2	2.375	2.375	3.750	2.375	1.500	3.750	2.875	2.375	1.750	4.000	4.500	2.000	2.250	3.000	1.625	2.000	3.625	3.125	1.750	2.125	1.750
91938	Heaters, Metal and Plastic	2	2.500	2.375	3.625	2.375	2.125	3.750	2.750	2.875	2.000	3.250	4.625	1.875	2.250	3.000	2.000	2.250	3.750	3.500	1.875	2.125	1.750
92302	Sawing Machine Setters and Set-Up Operators	2	2.375	2.375	3.375	2.375	1.375	3.750	2.750	2.125	1.250	3.875	4.500	2.000	2.000	2.875	1.250	2.250	3.375	3.125	1.500	2.625	1.750
92305	Head Sawyers	2	2.375	2.375	3.625	2.250	1.375	3.750	2.625	2.250	1.625	3.875	4.500	2.125	2.250	3.000	1.500	2.250	3.375	3.250	1.625	2.500	1.875
92308	Sawing Machine Operators and Tenders	2	2.500	2.625	3.750	2.750	1.375	3.625	2.875	2.250	1.875	3.875	4.500	2.250	2.625	3.000	1.375	2.250	3.375	3.250	1.750	2.500	1.750
92311	Woodworking Machine Setters and Set-Up Operators, Except Sawing	2	2.500	2.625	3.750	2.875	1.375	3.625	2.875	2.250	1.875	4.000	4.500	2.125	2.500	3.000	1.625	2.250	3.375	3.250	1.750	2.500	2.250
92314	Woodworking Machine Operators and Tenders, Except Sawing	1	2.750	2.625	3.750	2.750	1.375	3.625	2.875	2.250	1.625	4.125	4.500	2.125	2.375	3.000	1.375	2.250	3.375	3.250	1.750	2.625	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92512	Offset Lithographic Press Setters and Set-Up Operators	5	2.500	2.750	3.750	2.500	1.500	3.625	2.750	2.250	2.000	4.125	4.500	2.250	2.500	3.125	1.500	2.250	3.375	3.125	1.875	2.500	2.125
92515	Letterpress Setters and Set-Up Operators	3	3.000	3.125	3.750	2.625	2.750	3.625	2.875	2.750	2.125	3.750	4.250	2.375	2.625	3.125	1.875	2.375	3.375	3.250	2.125	2.625	2.250
92522A	Design Printing Machine Setters and Set-Up Operators	3	2.375	2.625	3.625	2.500	1.500	3.750	2.500	2.125	1.625	4.125	4.500	2.000	2.500	3.000	1.500	2.125	3.375	3.250	1.750	2.750	2.000
92522B	Marking and Identification Printing Machine Setters and Set-Up Operators	1	2.250	2.500	3.625	2.500	1.500	3.750	2.500	2.125	1.625	4.125	4.500	1.875	2.500	3.000	1.375	2.125	3.375	3.250	1.500	2.750	1.875
92524	Screen Printing Machine Setters and Set-Up Operators	3	2.875	3.125	3.625	2.500	2.875	3.750	2.875	2.875	2.125	3.375	4.125	2.375	2.750	3.000	2.125	2.375	3.375	3.125	2.250	2.750	2.250
92525	Bindery Machine Setters and Set-Up Operators	2	2.750	3.000	3.625	2.625	2.500	3.500	2.875	2.750	2.125	3.500	4.250	2.250	2.625	3.000	2.000	2.250	3.375	3.125	2.125	2.875	2.250
92529A	Embossing Machine Set-Up Operators	3	2.375	2.500	3.625	2.625	1.500	3.500	2.750	2.250	1.375	4.125	4.500	2.000	2.375	3.000	1.375	2.250	3.500	3.250	1.500	2.750	1.750
92529B	Casting Machine Set-Up Operators	3	2.625	2.500	3.750	2.625	1.500	3.750	2.875	2.125	1.125	4.125	4.500	1.875	2.250	3.000	1.375	2.250	3.625	3.250	1.500	2.750	1.750
92529C	Plate Finishers	5	2.500	2.625	3.750	2.750	1.500	3.750	2.875	2.125	1.125	4.125	4.500	1.875	2.250	3.000	1.375	2.250	3.625	3.250	1.500	2.750	1.750
92529D	Engraver Set-Up Operators	4	2.625	2.625	3.750	2.750	1.500	3.750	2.875	2.125	1.375	4.125	4.500	2.000	2.375	3.000	1.375	2.250	3.625	3.250	1.625	2.750	1.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92541	Typesetting and Composing Machine Operators and Tenders	2	2.500	2.625	3.750	2.750	1.500	3.750	2.750	2.125	1.500	4.125	4.500	2.000	2.375	3.000	1.250	2.250	3.625	3.250	1.750	2.750	1.875
92543	Printing Press Machine Operators and Tenders	1	3.000	3.250	3.625	3.125	2.875	3.625	3.250	3.000	2.250	3.125	4.000	2.375	2.750	3.000	2.250	2.625	3.500	3.125	2.375	3.000	2.625
92545	Photoengraving and Lithographing Machine Operators and Tenders	2	2.875	3.000	3.750	2.875	1.625	3.625	3.000	2.250	1.625	4.000	4.750	2.000	2.500	3.125	1.500	2.250	3.625	3.375	1.875	2.875	2.000
92546	Bindery Machine Operators and Tenders	1	2.750	2.875	3.750	2.875	1.625	3.625	2.875	2.375	1.500	4.000	4.750	2.000	2.500	3.125	1.375	2.250	3.625	3.375	1.750	3.000	2.000
92702	Textile Machine Setters and Set-Up Operators	3	2.625	2.750	3.625	2.750	1.625	3.625	3.000	2.625	1.375	3.500	4.625	2.125	2.375	3.125	1.625	2.250	3.625	3.375	1.875	2.625	2.000
92705	Textile Machine Operators and Tenders- Winding, Twisting, Knitting, Weaving, and Cutting	1	2.625	2.750	3.500	2.750	1.500	3.625	3.000	2.750	1.625	3.625	4.750	2.125	2.500	3.125	1.500	2.250	3.625	3.375	1.875	2.625	2.000
92708	Extruding and Forming Machine Operators and Tenders, Synthetic or Glass Fibers	1	2.375	2.625	3.500	2.625	1.750	3.750	2.750	2.625	1.500	3.625	4.750	1.875	2.500	3.125	1.500	2.250	3.625	3.375	1.750	2.875	2.000
92711	Textile Draw-Out Machine Operators and Tenders	1	2.375	2.500	3.500	2.625	1.625	3.750	2.625	2.500	1.375	3.625	4.750	2.000	2.250	3.125	1.375	2.125	3.625	3.375	1.875	2.750	2.000
92714	Textile Bleaching and Dyeing Machine Operators and Tenders	1	2.625	2.875	3.625	3.000	2.125	3.750	3.125	3.000	2.000	3.250	4.500	2.375	2.750	3.250	1.875	2.250	3.625	3.375	2.125	2.750	2.250
92717	Sewing Machine Operators, Garment	1	2.500	2.875	4.000	2.625	1.500	3.750	2.625	2.375	1.750	3.750	4.750	2.250	2.500	3.125	1.750	1.875	3.750	3.125	1.875	3.000	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92721	Sewing Machine Operators, Non-Garment	1	2.625	2.750	3.875	2.500	1.500	3.750	2.625	2.250	1.750	3.875	4.750	2.250	2.375	3.125	1.750	2.000	3.750	3.125	1.875	3.000	2.125
92723	Shoe Sewing Machine Operators and Tenders	1	2.500	2.625	3.750	2.500	1.500	3.625	2.750	2.250	1.750	3.875	4.750	2.250	2.375	3.125	1.750	2.000	3.500	3.000	1.875	2.875	2.250
92726	Laundry and Drycleaning Machine Operators and Tenders, Except Pressing	1	2.375	2.625	3.375	2.500	2.125	3.750	2.875	2.875	1.500	3.250	4.250	2.125	2.375	3.250	2.500	2.000	3.375	3.250	2.125	2.625	2.125
92728	Pressing Machine Operators and Tenders- Textile, Garment, and Related Materials	1	2.375	2.500	3.500	2.375	1.500	3.750	2.750	2.500	1.500	3.750	4.500	2.000	2.250	3.125	2.125	1.875	3.500	3.125	1.875	2.500	2.000
92902A	Electronic Semiconductor Processors	1	3.125	3.125	3.625	3.000	1.625	3.750	3.250	2.375	1.750	3.875	4.500	2.625	2.500	3.375	1.375	2.875	3.500	3.000	2.250	3.375	2.250
92902B	Electronic Semiconductor Wafer Etchers and Engravers	1	3.000	3.000	3.625	3.125	1.750	3.625	3.250	2.625	1.875	3.750	4.750	2.625	2.500	3.375	1.375	2.875	3.500	3.000	2.125	3.500	2.375
92902C	Electronic Semiconductor Test and Development Technicians	3	3.375	3.375	3.625	3.250	2.375	3.625	3.500	3.250	2.750	3.000	4.375	2.875	2.875	3.500	2.125	3.250	3.625	2.875	3.000	3.500	3.000
92902D	Electronic Semiconductor Crystal-Growing Technicians and Equipment Operators	2	3.375	3.250	3.625	3.125	2.500	3.625	3.500	3.000	2.500	3.375	4.500	2.750	2.750	3.375	2.125	3.125	3.625	2.875	2.750	3.500	2.875
92902E	Electronic Semiconductor Sawyers, Abraders, and Polishers	2	2.750	3.000	3.750	3.000	1.875	3.625	2.875	2.500	1.750	3.750	4.625	2.375	2.500	3.125	1.375	2.625	3.500	3.125	2.125	3.500	2.375
92902G	Electronic Semiconductor Wafer Breakers, Mounters, and Packagers	1	2.750	3.000	3.500	3.000	1.750	3.625	3.000	2.500	1.875	3.750	4.625	2.375	2.500	3.125	1.250	2.625	3.500	3.125	2.000	3.500	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92905	Motion Picture Projectionists	2	2.375	2.500	2.625	2.125	1.125	3.375	2.375	2.125	1.750	4.250	4.375	2.000	2.250	2.875	1.750	2.250	3.375	3.125	1.750	3.750	2.375
92908	Photographic Processing Machine Operators and Tenders	2	2.875	2.875	3.250	2.500	1.375	3.500	2.750	2.250	1.625	3.875	4.500	2.125	2.500	3.000	1.750	2.250	3.375	3.250	2.000	3.750	2.500
92911	Tire Building Machine Operators	1	2.250	2.250	3.500	2.500	1.500	3.500	2.875	2.250	1.500	3.625	4.625	2.250	2.250	3.250	1.375	2.000	3.500	3.125	1.875	2.750	2.000
92914	Paper Goods Machine Setters and Set-Up Operators	2	2.375	2.375	3.250	2.500	1.500	3.625	2.500	2.250	1.625	3.625	4.625	2.250	2.375	3.000	1.500	2.000	3.625	3.125	1.875	2.875	2.125
92917	Cooking Machine Operators and Tenders, Food and Tobacco	1	2.375	2.625	3.250	2.625	1.750	3.500	2.500	2.875	1.500	3.250	4.625	2.250	2.250	3.250	1.625	2.125	3.375	3.125	1.875	2.500	1.875
92921	Roasting, Baking, and Drying Machine Operators and Tenders, Food and Tobacco	1	2.375	2.375	3.375	2.625	1.375	3.500	2.375	2.625	1.500	3.375	4.375	2.125	2.250	3.125	1.375	1.875	3.250	3.125	1.875	2.375	1.750
92923	Furnace, Kiln, Oven, Drier, or Kettle Operators and Tenders	1	2.500	2.375	3.250	2.750	1.750	3.500	2.500	2.625	1.375	3.250	4.375	2.250	2.375	3.375	1.500	2.000	3.375	3.125	1.875	2.250	1.750
92926	Boiler Operators and Tenders, Low Pressure	2	2.500	2.125	3.000	2.250	1.375	3.500	2.625	2.000	1.375	3.500	4.250	2.125	2.500	3.250	1.750	1.625	3.125	3.125	1.625	1.750	1.625
92928	Cooling and Freezing Equipment Operators and Tenders	1	2.500	2.500	3.125	2.625	1.375	3.500	2.750	2.125	1.500	3.750	4.500	2.250	2.250	3.250	1.500	1.875	3.375	3.125	1.750	2.375	2.000
92932	Dairy Processing Equipment Operators, Including Setters	2	2.875	2.875	3.500	2.625	1.375	3.500	2.750	2.375	1.500	3.500	4.375	2.500	2.500	3.125	1.500	2.125	3.500	3.250	2.250	2.875	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92935	Chemical Equipment Controllers and Operators	2	3.125	3.000	3.625	3.000	2.625	3.750	2.875	2.875	1.750	3.375	4.375	2.625	2.375	3.375	2.000	2.500	3.500	3.500	2.250	3.000	2.500
92938	Chemical Equipment Tenders	2	2.750	2.875	3.500	3.125	1.750	3.625	2.750	2.875	1.750	3.250	4.500	2.375	2.500	3.125	1.875	2.500	3.375	3.250	2.000	3.000	2.250
92941A	Fiber Product Cutting Machine Setters and Set-Up Operators	2	2.625	2.750	3.625	2.750	1.375	3.500	2.500	2.250	1.625	3.625	4.500	2.250	2.500	3.000	1.250	2.000	3.375	3.250	1.500	2.875	2.125
92941B	Stone Sawyers	2	2.500	2.875	3.625	2.500	1.750	3.625	2.500	2.375	1.750	3.375	4.375	2.250	2.375	2.875	1.375	2.000	3.375	3.250	1.625	2.625	2.125
92941D	Glass Cutting Machine Setters and Set-Up Operators	1	2.500	2.875	3.625	2.625	3.250	3.500	2.625	3.250	1.750	2.875	4.250	2.375	2.750	3.125	1.625	2.250	3.250	3.250	1.750	2.750	2.500
92944	Cutting and Slicing Machine Operators and Tenders	1	2.375	2.875	3.625	2.500	1.750	3.500	2.500	2.250	1.625	3.500	4.500	2.250	2.500	2.875	1.250	2.000	3.375	3.125	1.875	2.625	2.125
92947	Painters, Transportation Equipment	2	2.875	3.000	3.375	2.500	1.500	3.625	3.000	2.250	1.750	3.625	4.625	2.500	2.500	3.125	1.625	2.250	3.500	3.125	1.750	2.250	2.500
92951	Coating, Painting, and Spraying Machine Setters and Set-Up Operators	2	2.500	2.875	3.875	2.500	1.500	3.625	2.750	2.250	1.625	3.750	4.625	2.250	2.500	3.250	1.500	2.125	3.500	3.250	1.750	2.250	2.250
92953	Coating, Painting, and Spraying Machine Operators and Tenders	1	2.375	2.625	3.625	2.625	1.375	3.625	2.500	2.125	1.750	3.625	4.500	2.250	2.375	3.000	1.500	2.250	3.500	3.250	1.625	2.250	2.000
92956	Cementing and Gluing Machine Operators and Tenders	1	2.500	2.750	3.375	2.625	1.500	3.625	2.500	2.375	1.750	3.375	4.500	2.250	2.375	3.000	1.375	2.125	3.625	3.250	1.750	2.250	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
92958	Cleaning, Washing, and Pickling Equipment Operators and Tenders	1	2.250	2.625	3.500	2.625	1.375	3.625	2.375	2.000	1.875	3.750	4.625	2.250	2.375	3.000	1.375	2.250	3.500	3.125	1.750	2.375	2.250
92962	Separating, Filtering, Clarifying, Precipitating, and Still Machine Operators and Tenders	1	2.750	2.625	3.375	3.000	2.500	3.625	2.625	2.750	2.125	3.250	4.625	2.500	2.500	3.125	1.375	2.500	3.625	3.250	2.000	2.750	2.250
92965	Crushing, Grinding, Mixing, and Blending Machine Operators and Tenders	1	2.625	2.500	3.500	2.875	1.625	3.625	2.750	2.125	2.125	3.625	4.625	2.500	2.500	3.125	1.250	2.500	3.500	3.250	2.000	2.625	2.250
92968	Extruding, Forming, Pressing, and Compacting Machine Setters and Set-Up Operators	2	2.625	2.625	3.500	2.750	1.625	3.625	2.750	2.250	1.875	3.625	4.625	2.250	2.500	2.875	1.375	2.250	3.500	3.250	1.875	2.625	2.250
92971	Extruding, Forming, Pressing, and Compacting Machine Operators and Tenders	1	2.500	2.500	3.500	2.750	1.625	3.500	2.750	2.125	1.750	3.625	4.500	2.250	2.375	3.125	1.250	2.250	3.500	3.250	1.875	2.750	2.250
92974	Packaging and Filling Machine Operators and Tenders	1	2.250	2.375	3.625	2.875	1.625	3.500	2.250	2.250	1.750	3.750	4.500	2.125	2.500	3.000	1.250	2.000	3.500	3.250	1.750	2.625	2.250
93102B	Aircraft Structure Assemblers, Precision	3	3.250	3.000	3.375	3.125	1.625	3.625	3.250	2.250	1.625	3.625	4.750	2.750	2.625	3.125	1.375	2.625	3.500	3.125	2.000	2.625	2.250
93102C	Aircraft Systems Assemblers, Precision	3	3.250	3.125	3.500	3.250	1.750	3.625	3.500	2.250	1.750	3.750	4.625	2.750	2.750	3.250	1.375	2.750	3.500	3.125	2.500	2.750	2.250
93102D	Aircraft Rigging Assemblers	3	3.250	3.250	3.625	3.125	1.750	3.625	3.000	2.250	1.875	3.750	4.625	2.750	2.625	3.000	1.500	2.500	3.500	3.250	2.125	2.625	2.375
93105	Machine Builders and Other Precision Machine Assemblers	3	3.000	3.125	3.500	3.125	1.750	3.625	2.875	2.250	1.875	3.750	4.500	2.500	2.750	3.000	1.625	2.500	3.500	3.125	2.625	2.625	2.375



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
93108	Fitters, Structural Metal- Precision	4	3.000	2.875	3.375	3.000	2.250	3.625	3.000	2.500	2.250	3.500	4.625	2.500	2.875	3.000	1.375	2.500	3.500	3.250	2.125	2.375	2.250
93111A	Electromechanical Equipment Assemblers- Precision	3	2.750	3.125	3.500	3.250	1.625	3.625	3.000	2.250	1.875	4.000	4.250	2.625	2.250	2.875	1.375	2.750	3.375	3.250	2.250	3.125	2.125
93111B	Electromechanical Technicians	4	3.250	3.125	3.500	3.000	1.750	3.625	3.250	2.250	2.375	4.000	4.250	2.750	2.875	2.750	1.750	3.000	3.500	3.125	2.625	3.250	2.875
93114	Electrical and Electronic Equipment Assemblers- Precision	3	3.250	3.250	3.375	3.125	2.875	3.750	3.250	3.125	2.500	3.125	4.375	2.875	2.750	2.875	1.875	2.875	3.375	3.000	2.625	3.250	2.375
93117	Watch, Clock, and Chronometer Assemblers, Adjusters, and Calibrators- Precision	2	3.625	3.375	3.250	2.750	1.500	3.375	2.875	2.125	2.250	4.250	4.625	2.875	2.875	3.250	2.375	2.750	2.875	2.625	2.125	3.625	2.875
93197A	Musical Instrument Makers, Metalworking	3	3.375	3.500	3.250	2.625	1.625	3.375	3.000	2.000	2.125	4.125	4.625	3.000	2.625	3.000	2.000	2.750	3.000	2.625	2.625	3.500	2.875
93902	Machine Assemblers	1	2.375	2.750	3.625	3.000	1.625	3.625	2.500	2.250	1.625	3.625	4.750	2.250	2.125	2.750	1.500	2.250	3.500	3.000	2.250	3.000	2.250
93905A	Battery Assemblers	1	2.500	2.750	3.500	3.000	1.375	3.625	2.375	2.375	1.250	4.000	4.625	2.500	2.000	2.875	1.250	2.125	3.500	3.125	1.750	3.125	2.250
93905B	Electronic Components Assemblers	1	2.875	2.875	3.625	3.125	2.875	3.625	2.875	2.875	2.000	3.250	4.500	2.625	2.375	3.000	1.625	2.625	3.500	3.125	2.250	3.500	2.375
93905C	Electric Motor Assemblers	2	3.000	3.000	3.625	3.000	1.750	3.625	2.750	2.375	2.000	3.875	4.500	2.500	2.375	3.000	1.375	2.750	3.500	3.250	2.250	3.250	2.250

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
93905D	Electrical Components Assemblers	1	2.875	2.875	3.625	3.000	1.625	3.625	2.625	2.375	1.875	3.875	4.500	2.625	2.250	3.000	1.375	2.500	3.500	3.250	2.125	3.375	2.000
93908	Coil Winders, Tapers, and Finishers	2	2.250	2.500	3.750	2.750	1.500	3.750	2.625	2.750	2.000	3.500	4.375	2.625	2.000	3.375	1.125	2.250	3.375	3.375	1.750	2.750	2.000
93914A	Welders, Production	1	2.250	2.500	3.750	2.750	1.500	3.750	2.875	2.875	1.875	3.250	4.375	2.375	1.875	3.250	1.125	2.250	3.250	3.125	1.750	1.875	2.000
93914B	Welders and Cutters	2	2.625	2.625	3.750	2.875	1.500	3.625	3.000	2.750	2.000	3.250	4.250	2.500	2.000	3.125	1.125	2.500	3.250	2.875	2.125	2.125	2.625
93914C	Welder-Fitters	4	2.875	2.875	3.750	3.000	1.500	3.750	3.125	2.750	2.500	3.375	4.125	2.750	2.250	3.125	1.250	2.500	3.375	3.000	2.375	2.250	3.000
93917A	Solderers	1	2.250	2.375	3.875	2.625	1.375	3.500	2.750	2.375	1.500	3.375	4.500	2.500	1.875	3.125	1.125	2.250	3.250	2.875	1.875	1.875	2.250
93917B	Brazers	2	2.250	2.375	3.625	2.500	1.250	3.500	2.625	2.500	1.375	3.375	4.500	2.375	1.750	3.125	1.125	2.250	3.125	2.875	1.625	2.000	2.125
93921	Pressers, Hand	1	1.625	2.125	3.250	2.000	1.125	2.750	1.875	2.500	1.250	3.500	4.500	2.000	1.500	3.000	1.500	1.500	2.750	2.625	1.375	1.875	2.000
93923B	Sewers, Hand	1	2.750	2.625	3.625	2.000	1.125	3.000	2.125	2.500	2.000	4.125	4.625	2.000	1.750	3.000	1.750	1.750	3.125	2.250	1.875	2.375	2.375
93926B	Rock Splitters	3	1.500	2.000	3.250	1.750	1.125	2.625	1.875	2.125	1.375	4.250	4.875	1.500	1.500	2.375	1.000	1.500	2.750	2.500	1.375	1.875	1.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
93926D	Glass Cutters and Finishers	2	2.500	2.750	3.250	2.125	1.125	2.750	2.375	2.250	1.875	4.000	4.750	2.125	2.000	3.000	1.375	2.000	2.625	2.625	1.875	2.625	2.750
93926E	Cutters and Trimmers, Hand	1	2.125	2.375	3.125	2.125	1.500	3.125	1.875	2.500	1.875	4.000	4.500	2.000	1.500	2.875	1.250	1.500	2.750	2.875	1.375	2.500	2.125
93928	Portable Machine Cutters	2	1.750	2.125	3.125	2.375	1.250	3.250	2.250	2.625	1.500	4.000	4.500	2.000	1.500	2.875	1.125	1.625	2.875	3.000	1.500	2.375	2.250
93932	Carpet Cutters, Diagrammers, and Seammers	2	2.125	2.250	3.000	2.625	1.250	2.875	2.375	2.750	1.500	3.375	4.375	2.375	1.875	2.875	1.250	1.750	3.000	3.000	1.500	2.750	2.375
93935	Cannery Workers	1	1.625	1.750	3.625	2.500	1.250	2.875	1.875	2.500	1.125	3.125	4.375	2.125	1.250	2.875	1.125	1.375	2.875	3.000	1.125	1.875	1.500
93938	Meat, Poultry, and Fish Cutters and Trimmers- Hand	1	1.375	1.500	3.375	2.250	1.250	3.000	2.000	2.750	1.250	3.250	3.875	1.500	1.625	2.750	1.125	1.375	2.875	3.125	1.125	1.625	1.750
93941	Metal Pourers and Casters, Basic Shapes	1	2.000	1.750	3.125	2.500	1.250	3.375	2.750	2.750	1.625	3.375	4.250	2.250	1.750	3.000	1.125	1.875	3.250	3.125	1.500	1.750	1.750
93944A	Mold Makers, Hand	2	2.125	2.250	3.000	2.375	1.250	3.250	2.625	2.625	2.125	3.375	4.375	2.250	1.750	3.125	1.125	1.875	3.250	3.125	1.750	2.250	1.875
93944D	Molding and Casting Workers	2	2.250	2.375	3.250	2.500	1.250	3.375	2.625	2.750	2.000	3.500	4.250	2.500	2.000	3.125	1.125	2.125	3.375	3.125	1.750	2.250	2.125
93947B	Bakery and Confectionery Decorating Workers	2	2.750	3.125	2.875	2.375	1.500	3.000	2.250	3.000	3.125	3.250	4.750	3.000	2.375	3.125	2.000	2.500	3.125	3.375	2.500	3.125	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
93947E	Hand Painting, Coating, or Decorating Workers	1	3.125	3.000	3.375	2.625	1.375	3.250	2.625	2.875	2.375	3.625	4.500	2.625	2.250	3.000	1.250	2.375	3.125	3.000	2.500	2.750	2.250
93951A	Pantograph Engravers	1	2.750	2.875	3.125	2.500	1.250	3.000	2.375	2.375	2.125	4.000	4.750	2.625	1.875	3.000	1.500	2.125	2.750	3.250	2.000	2.875	2.625
93951B	Etchers, Hand	1	2.875	3.000	3.000	2.500	1.250	3.250	2.500	2.125	2.250	3.875	4.625	2.625	2.250	3.000	1.625	2.125	2.625	3.125	2.125	2.875	2.625
93951C	Printers, Hand	2	2.875	2.875	3.125	2.375	1.250	3.250	2.500	2.250	2.250	3.500	4.625	2.750	2.250	3.000	1.500	1.875	3.000	3.250	2.375	3.125	2.375
93951D	Engravers, Hand	3	2.625	2.875	3.125	2.375	1.250	3.000	2.625	2.125	2.125	3.625	4.625	2.750	2.000	3.000	1.500	2.125	2.875	3.125	2.250	2.875	2.250
93953	Grinding and Polishing Workers, Hand	1	2.375	2.375	3.250	2.375	1.125	3.125	2.375	2.125	1.750	3.625	4.500	2.375	1.875	3.000	1.125	1.875	3.000	3.250	1.875	2.625	2.125
93956	Assemblers and Fabricators- Except Machine, Electrical, Electronic, and Precision	1	2.250	2.375	3.750	2.750	1.125	3.625	2.750	3.000	1.500	3.250	4.500	2.125	1.875	3.000	1.000	1.750	3.375	3.500	1.625	2.625	1.875
93997	Intermediate Hand Workers	2	2.625	2.375	3.500	3.000	1.000	3.000	2.500	2.875	1.750	3.500	4.500	2.375	1.500	3.000	1.250	1.750	3.000	3.500	1.750	2.875	1.875
93998	Elemental Hand Workers	1	1.625	2.125	3.500	2.500	1.000	2.875	2.000	2.875	1.500	3.500	4.375	2.000	1.375	2.875	1.250	1.375	2.875	3.000	1.500	2.625	1.875
95002A	Water Treatment Plant and System Operators	2	2.750	2.750	3.250	2.875	2.875	3.625	2.875	3.250	2.000	3.000	3.875	2.625	3.000	3.750	1.500	2.375	3.375	3.125	2.250	2.625	3.000

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
95002B	Water Treatment Plant Attendants	2	1.875	2.250	3.000	2.750	1.250	3.375	2.625	2.875	1.375	3.375	4.125	2.125	1.625	3.500	1.250	1.750	3.250	3.000	1.875	2.250	2.125
95005A	Gas Processing Plant Operators	2	2.875	2.500	3.375	3.125	2.750	3.750	3.250	3.250	2.250	3.000	4.000	2.625	3.125	4.125	1.375	2.875	3.750	3.250	2.250	3.125	2.875
95005B	Gas Distribution Plant Operators	3	2.500	2.375	3.375	3.250	1.500	3.625	3.125	2.750	2.000	3.375	4.125	2.375	2.625	4.000	1.250	2.625	3.750	3.375	2.250	2.875	2.750
95008	Chemical Plant and System Operators	2	3.125	2.875	3.500	3.125	2.500	3.750	3.625	3.125	2.000	3.000	4.000	2.625	3.125	3.875	1.250	2.875	3.625	3.375	2.625	3.000	3.125
95011	Petroleum Pump System Operators	3	2.750	2.750	3.500	3.000	2.625	3.750	3.500	3.000	2.125	2.750	4.000	2.625	2.750	3.750	1.500	2.875	3.750	3.625	2.250	3.125	2.500
95014	Petroleum Refinery and Control Panel Operators	4	3.000	2.750	3.500	3.000	2.000	3.625	3.250	2.875	2.000	3.375	4.125	2.750	3.000	3.625	1.125	2.875	3.500	3.500	2.250	3.125	2.750
95017	Gaugers	3	2.250	2.125	3.000	2.500	1.375	3.250	2.750	2.500	1.500	3.750	4.375	2.125	2.250	3.125	1.000	2.125	3.500	3.375	2.125	2.625	2.125
95021	Power Generating Plant Operators, Except Auxiliary Equipment Operators	4	2.375	2.375	3.375	2.750	1.375	3.375	3.125	2.500	1.500	3.500	4.250	2.375	2.125	3.625	1.000	2.500	3.625	3.625	1.750	2.750	2.500
95023	Auxiliary Equipment Operators, Power	2	2.250	2.250	3.250	2.875	1.375	3.375	3.000	2.625	1.625	2.750	4.125	2.250	1.750	3.500	1.000	2.375	3.500	3.375	1.875	2.875	2.250
95026	Power Reactor Operators	4	2.625	2.750	3.375	3.125	3.250	3.625	3.375	3.375	1.625	2.875	4.000	2.750	2.750	3.625	1.000	2.875	3.875	3.875	2.125	3.125	2.750

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
95028	Power Distributors and Dispatchers	4	2.875	3.125	3.625	2.875	3.750	3.750	3.500	3.375	2.250	2.500	3.875	2.750	3.000	3.875	1.375	3.000	3.625	3.500	2.500	3.125	3.125
95032	Stationary Engineers	3	2.500	2.625	3.125	2.750	1.750	3.125	2.750	2.625	1.750	3.250	4.125	2.500	2.500	3.250	1.125	2.625	3.500	3.250	2.375	2.750	3.250
97102A	Truck Drivers, Heavy	1	2.250	2.875	3.250	2.125	1.250	3.500	4.250	1.875	2.000	4.375	2.750	2.625	2.500	3.250	1.375	2.500	3.250	2.875	2.250	2.125	3.250
97102B	Tractor-Trailer Truck Drivers	2	2.375	2.750	3.375	2.000	1.875	3.625	4.625	2.125	2.250	3.375	2.625	2.625	2.625	3.250	1.375	2.500	3.375	2.875	2.250	2.000	3.250
97105	Truck Drivers, Light- Including Delivery and Route Workers	1	2.250	2.875	3.250	2.375	1.500	3.500	3.500	2.000	2.125	4.250	3.000	2.625	2.500	3.125	2.000	2.375	3.250	3.000	2.125	2.625	2.750
97108	Bus Drivers	1	2.500	2.875	3.500	2.125	2.125	4.625	3.250	2.000	1.875	4.000	3.625	3.000	2.500	4.000	3.375	2.875	4.625	4.625	2.000	2.750	2.375
97111	Bus Drivers, School	2	2.500	2.625	2.750	1.875	2.125	4.250	2.750	2.125	1.750	4.125	3.750	2.750	2.500	3.375	3.375	2.500	4.375	4.250	1.750	2.500	2.250
97114	Taxi Drivers and Chauffeurs	1	2.375	2.750	2.625	1.875	1.500	2.625	3.000	2.125	1.875	4.125	3.500	2.500	2.500	2.875	3.625	2.250	2.875	2.500	2.500	2.625	2.875
97117	Driver/Sales Workers	1	2.500	2.625	3.125	2.250	1.750	2.875	2.625	2.625	2.500	3.875	3.500	2.750	2.625	2.875	2.500	2.500	3.125	3.000	2.625	2.750	3.000
97302	Railroad Conductors and Yardmasters	4	3.125	3.500	3.375	2.625	3.875	4.125	3.625	3.375	2.625	2.625	3.500	3.125	3.625	4.125	2.250	3.125	3.750	3.875	2.625	3.000	3.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
97305	Locomotive Engineers	4	3.000	3.375	3.250	3.000	2.875	4.000	3.750	3.000	2.000	3.000	3.750	3.125	2.750	4.000	1.625	3.250	4.000	3.875	2.500	2.875	2.750
97308	Rail Yard Engineers, Dinkey Operators, and Hostlers	2	2.500	2.750	3.000	2.875	1.875	3.625	3.125	3.000	1.625	3.000	3.875	2.375	2.375	3.625	1.375	2.500	3.875	3.750	2.250	2.625	2.375
97311	Locomotive Firers	3	2.125	2.625	3.000	2.875	2.500	3.875	3.000	2.750	1.625	3.000	4.000	2.375	2.375	3.500	1.250	2.375	3.750	3.625	2.125	2.625	2.250
97314	Subway and Streetcar Operators	2	2.000	2.375	3.125	2.625	2.250	3.625	2.875	2.500	1.500	3.875	4.000	2.375	2.000	3.625	2.750	2.375	4.125	3.875	1.875	2.875	2.375
97317A	Train Crew Members	2	2.125	2.625	3.000	3.000	2.125	3.625	2.875	3.125	1.500	2.375	4.000	2.375	2.125	3.375	3.125	2.500	3.875	3.625	2.250	2.750	2.125
97317B	Railroad Yard Workers	1	2.000	2.250	2.750	3.000	1.875	3.750	2.750	3.125	1.625	2.500	4.125	2.000	1.750	3.375	1.375	2.250	3.625	3.625	2.000	2.500	2.000
97399A	On-Track Mobile Equipment Operators	1	2.125	2.250	2.875	2.875	1.375	3.625	2.875	2.625	1.625	3.375	4.250	2.250	1.875	3.375	1.125	2.250	3.625	3.500	1.875	2.625	2.250
97399B	Railroad Control Tower Switching and Car Retarding Operators	2	2.250	2.625	3.125	2.875	2.125	3.750	2.875	2.875	1.625	3.000	4.000	2.500	2.625	3.625	1.375	2.375	3.750	3.750	2.000	3.000	2.625
97502A	Ship and Boat Captains	4	4.000	3.875	3.375	2.625	4.500	3.750	3.875	3.250	3.125	2.375	3.625	3.875	4.500	3.750	2.125	3.750	2.500	2.500	3.250	3.000	4.250
97505	Mates- Ship, Boat, and Barge	3	3.250	3.375	3.500	3.625	4.000	3.625	3.250	3.625	2.875	2.125	3.500	3.000	3.250	3.250	2.000	2.875	3.250	3.250	3.125	2.875	3.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
97508	Pilots, Ship	5	3.875	3.875	3.125	2.750	4.000	3.750	3.750	3.125	3.125	2.625	3.625	3.625	4.375	3.750	1.750	3.750	2.750	2.500	2.875	3.000	4.375
97511	Motorboat Operators	2	2.875	2.875	2.875	2.500	2.750	2.625	2.625	2.375	2.625	3.625	3.500	3.125	3.250	2.750	2.375	2.875	3.000	2.625	2.875	2.500	3.750
97514	Able Seamen	2	2.750	2.875	3.125	3.250	2.750	3.000	3.000	3.500	2.125	2.500	3.875	2.875	2.500	3.000	1.750	2.625	3.250	3.375	2.625	2.625	2.375
97517	Ordinary Seamen and Marine Oilers	2	2.500	2.625	3.250	3.500	1.875	3.000	2.750	3.375	1.875	2.875	3.750	2.500	2.000	2.875	1.750	2.125	3.125	3.500	2.625	2.500	2.000
97521	Ship Engineers	5	3.750	3.625	3.500	3.125	4.125	3.750	3.750	3.375	3.125	3.000	3.500	3.375	3.875	3.250	1.750	3.500	3.375	2.750	3.125	2.625	3.750
97702B	Commercial Airplane Pilots	4	4.250	4.125	2.750	3.500	3.750	4.250	4.250	3.625	2.375	2.000	3.750	4.000	3.875	3.750	2.375	3.875	3.750	2.500	2.250	3.250	3.250
97702C	Small Aircraft Pilots	3	3.625	3.625	2.500	3.000	2.250	2.750	2.750	1.875	2.375	3.875	3.500	2.500	3.125	3.000	1.875	3.125	2.500	2.375	2.750	2.500	3.375
97702D	Flight Instructors	4	4.250	3.875	2.750	3.000	4.375	3.750	3.750	3.000	2.500	2.625	3.500	3.375	3.125	3.375	2.750	3.375	3.375	2.625	2.875	3.500	3.750
97702E	Flight Navigators	3	3.500	3.750	3.000	2.875	2.750	3.625	3.500	3.000	1.875	2.750	3.750	3.125	3.000	3.500	2.000	3.375	3.500	2.875	2.125	3.125	3.000
97702H	Flight Engineers	4	3.375	3.125	2.625	3.125	2.500	3.625	3.500	2.875	2.000	3.250	3.500	3.250	3.000	3.875	1.500	3.375	3.625	2.875	2.500	3.000	3.125



OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
97702J	Commercial Helicopter Pilots	4	3.875	3.875	2.375	2.750	2.125	3.125	3.625	2.250	2.125	3.750	3.625	3.375	3.375	3.125	2.250	3.500	3.250	2.500	2.750	2.625	3.375
97802	Bridge, Lock, and Lighthouse Tenders	2	2.750	2.750	2.125	2.125	2.250	3.000	2.750	2.000	1.625	4.000	4.000	2.375	3.000	3.500	1.750	2.250	3.375	2.750	1.750	2.375	3.125
97805	Service Station Attendants	1	2.250	2.625	2.875	2.375	2.125	2.750	2.125	3.000	1.875	2.625	3.625	2.250	2.250	3.000	3.375	2.000	3.000	2.750	2.625	2.375	2.375
97808	Parking Lot Attendants	1	1.500	1.875	2.500	2.125	1.750	2.500	1.875	2.375	1.500	3.625	3.875	1.875	1.875	2.875	3.375	1.500	2.750	2.500	1.875	2.375	2.250
97899A	Airport Utility Workers	2	2.125	2.625	2.500	2.750	2.000	3.500	2.750	3.250	1.625	2.250	3.625	2.375	1.500	3.375	2.250	2.125	3.750	3.625	2.250	2.375	1.750
97902	Longshore Equipment Operators	2	2.375	2.625	3.125	2.625	2.875	3.500	3.000	3.000	1.750	2.625	3.875	2.250	2.125	3.125	1.375	2.375	3.375	3.125	2.125	2.250	2.375
97905	Tank Car and Truck Loaders	3	2.000	2.250	3.000	2.375	1.625	3.250	2.375	2.500	1.500	3.625	4.125	2.125	1.875	2.875	1.375	2.125	3.250	3.250	1.875	2.250	2.250
97908	Oil Pumpers, Except Well Head	3	2.000	2.375	2.875	2.625	1.375	3.250	2.875	2.500	1.500	3.875	4.125	2.375	1.875	3.125	1.125	2.250	3.375	3.375	1.750	2.625	2.250
97911	Well Head Pumpers	4	2.000	2.375	3.000	2.625	1.250	3.250	2.750	2.250	1.500	3.875	4.125	2.250	2.000	3.000	1.125	2.250	3.500	3.375	1.875	2.625	2.500
97914	Main Line Station Engineers	4	2.750	2.625	3.125	3.000	2.500	3.500	3.250	2.875	1.625	3.250	4.125	2.500	2.500	3.375	1.250	2.375	3.375	3.250	2.000	2.750	2.500

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
97917	Gas Pumping Station Operators	2	1.875	2.125	2.875	2.625	1.375	3.125	2.500	2.500	1.500	4.000	3.750	2.375	2.000	3.125	1.250	2.500	3.250	2.875	1.875	2.500	2.125
97921	Gas Compressor Operators	4	2.500	2.625	3.000	2.750	1.250	3.250	3.000	2.625	1.625	3.625	4.125	2.375	2.250	3.500	1.125	2.375	3.625	3.250	2.000	2.625	2.375
97923A	Excavating and Loading Machine Operators	2	2.500	2.500	3.125	2.750	2.875	3.250	3.250	3.000	2.250	2.750	4.000	2.500	2.375	3.000	1.250	2.375	3.250	3.000	2.000	2.125	2.250
97923B	Aerial Tram Tenders	1	2.125	2.125	3.000	2.625	1.500	3.000	2.625	2.250	1.500	3.875	4.000	1.875	1.875	2.875	1.125	1.875	3.250	3.250	1.750	2.375	1.750
97926	Dragline Operators	2	2.250	2.625	2.875	2.625	2.750	3.000	2.750	2.625	2.000	3.125	4.000	2.000	2.125	2.500	1.125	1.875	3.000	3.000	2.000	2.000	2.250
97928	Dredge Operators	2	2.250	2.625	2.875	2.625	3.000	3.000	3.000	2.875	1.750	3.125	4.000	2.125	2.125	2.625	1.125	2.125	3.125	3.000	2.000	2.000	2.125
97932	Loading Machine Operators, Underground Mining	2	2.125	2.250	3.250	2.875	1.500	3.375	2.875	2.625	1.750	3.625	4.125	2.250	2.000	2.625	1.125	2.000	3.625	3.375	1.750	1.500	1.625
97935	Shuttle Car Operators	2	2.000	2.375	3.000	2.875	1.375	3.375	2.750	2.500	1.500	4.000	4.125	2.000	1.875	2.875	1.500	2.000	3.625	3.500	1.625	2.000	1.625
97938	Grader, Bulldozer, and Scraper Operators	2	2.500	2.875	2.625	2.625	2.250	3.000	2.875	2.625	1.875	3.250	4.125	2.375	2.250	2.250	1.250	2.250	3.125	2.875	2.125	2.000	2.250
97941	Hoist and Winch Operators	1	2.375	2.500	3.000	2.750	1.625	3.125	3.000	2.250	1.625	3.625	4.250	2.250	2.000	2.500	1.625	2.125	3.125	3.125	2.250	2.375	2.125

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
97944	Crane and Tower Operators	2	2.750	2.750	3.125	2.625	2.625	3.375	3.000	2.875	1.875	2.875	4.125	2.500	2.250	2.625	1.250	2.250	3.375	3.250	2.500	2.250	2.375
97947	Industrial Truck and Tractor Operators	1	2.625	2.750	3.000	2.750	2.375	3.375	2.875	2.750	2.000	2.875	4.250	2.500	2.250	2.750	1.375	2.125	3.625	3.375	2.375	2.625	2.500
97951	Conveyor Operators and Tenders	1	2.500	2.750	3.750	2.875	2.250	3.500	2.750	3.125	1.625	3.250	4.250	2.375	2.375	3.125	1.125	2.375	3.875	3.500	2.000	2.750	2.250
97953	Pump Operators	2	2.500	2.625	3.375	2.875	2.500	3.375	2.625	2.875	2.125	3.250	4.000	2.125	2.125	2.750	1.125	2.000	3.875	3.500	2.000	2.750	2.000
97956	Operating Engineers	3	2.625	2.750	3.000	2.625	1.625	3.125	3.000	2.375	1.875	3.375	4.000	2.750	1.875	2.375	1.375	2.000	3.000	3.250	2.375	2.250	2.375
97989B	Irradiated-Fuel Handlers	2	2.375	2.500	2.875	2.750	1.375	3.125	3.125	2.500	1.500	3.500	3.750	2.500	1.750	3.125	1.125	2.250	3.375	3.625	2.000	2.000	1.875
98102	Helpers- Mechanics and Repairers	1	2.000	2.375	3.250	3.250	1.250	2.875	2.500	3.250	1.500	1.875	4.125	2.000	1.500	3.125	1.875	2.000	3.125	3.250	2.875	2.375	1.375
98311	Helpers- Brick and Stone Masons, and Hard Tile Setters	1	2.125	2.500	3.250	3.125	1.375	2.875	2.500	3.250	1.625	2.125	4.250	2.000	1.750	2.625	1.750	1.750	2.875	3.250	2.500	2.125	1.500
98312	Helpers- Carpenters and Related Workers	1	2.125	2.250	3.125	3.250	1.250	2.875	2.375	3.375	1.375	1.875	4.125	2.000	1.500	2.625	2.000	1.875	3.000	3.125	2.625	2.250	1.250
98313	Helpers- Electricians and Powerline Transmission Installers	2	2.375	2.375	3.375	3.375	1.250	2.875	2.625	3.250	1.750	1.875	4.250	2.125	1.625	3.125	2.125	2.125	3.125	3.750	2.750	2.125	1.375

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
98314	Helpers- Painters, Paperhangers, Plasterers, and Stucco Masons	1	1.875	2.250	3.250	3.125	1.250	2.875	2.375	3.125	1.500	2.000	4.250	1.875	1.375	2.750	2.125	1.750	3.000	3.375	2.500	2.625	1.375
98315	Helpers- Plumbers, Pipefitters, and Steamfitters	2	2.250	2.250	3.375	3.375	1.375	3.000	2.625	3.125	1.625	2.000	4.250	2.000	1.500	3.125	2.250	2.000	3.125	3.375	2.625	2.500	1.375
98323	Helpers- Extractive Workers	1	2.375	2.500	3.250	3.375	1.625	3.000	2.625	3.125	1.375	1.875	4.125	2.000	1.750	2.750	1.875	2.125	3.250	3.625	2.375	2.250	1.375
98502	Machine Feeders and Offbearers	1	2.000	1.875	3.750	2.750	1.250	3.125	2.375	3.125	1.625	2.750	4.250	1.875	1.625	3.375	1.125	1.750	3.250	3.125	1.625	2.625	1.625
98702	Stevedores, Except Equipment Operators	1	1.625	2.000	3.000	2.625	1.250	3.250	2.625	3.000	1.625	2.625	4.000	1.750	1.625	3.000	1.125	1.750	3.125	3.250	1.750	2.125	1.625
98705	Refuse and Recyclable Material Collectors	1	1.375	1.750	3.375	2.000	1.250	3.750	3.000	2.750	1.125	2.375	3.875	1.875	1.500	3.625	1.875	1.250	3.625	3.250	1.625	1.750	1.750
98799A	Grips and Set-Up Workers, Motion Picture Sets, Studios, and Stages	2	2.750	3.000	3.125	3.000	2.000	3.625	3.000	3.250	2.375	2.500	4.125	3.000	2.500	2.750	2.250	2.375	3.250	3.125	3.000	3.125	2.250
98799B	Freight, Stock, and Material Movers, Hand	1	1.625	2.000	3.375	2.875	1.500	3.250	2.500	3.125	1.500	3.000	4.125	1.750	1.500	3.250	1.625	1.625	3.375	3.375	2.375	2.500	1.875
98902A	Packers and Packagers, Hand	1	1.625	2.000	3.625	2.750	1.250	3.250	2.250	3.125	1.250	3.125	4.125	1.875	1.500	3.125	1.500	1.750	3.250	3.250	1.750	2.875	1.875
98905	Vehicle Washers and Equipment Cleaners	1	1.625	2.125	3.125	2.375	1.250	2.875	2.000	2.875	1.375	3.500	4.000	1.750	1.625	2.625	1.875	1.625	2.875	2.875	2.000	2.000	1.875

OUCODE	OUTITLE	JOB ZONE	Need																				
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
98999A	Production Laborers	1	1.250	1.750	3.500	2.625	1.125	2.875	2.250	3.000	1.250	2.750	4.375	1.500	1.250	2.625	1.500	1.250	3.000	2.875	2.375	2.375	1.625
98999B	Production Helpers	1	2.000	2.000	3.500	2.750	1.625	2.875	2.625	3.000	1.750	2.500	4.125	1.875	2.000	3.000	1.500	1.750	3.375	3.125	2.625	2.375	2.000