



Disadvantaged Business Enterprise Disparity Study: Volume II

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Project Team

Principal Investigator:

Dr. Jon Wainwright, Managing Director, NERA

NERA Research Assistants:

Christie Ingham Kirkendall, Kirsten Deskins, Matthew Davis, Abigail Arthur, Brad Plant, Donna Benson, Gretchen Kasting, Imane Boulares, Jacqueline Ortega, Jennifer Brown, Jennifer Griggs, John Hanner, Keosha Carter, Laura Bogar, Rodney Cooke, Shelby Foster, Van Tran, Victoria Perez and Yvette Wilkerson.

Subcontractors:

SRB Communications

CR Dynamics & Associates

1st Choice, LLC

The Law Firm of Don T. O'Bannon

CVV Transcripts

J&D Data Services

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NERA Economic Consulting
Barton Creek Plaza Building II, Suite 330
3801 S. Capital of Texas Highway
Austin, Texas 78704
Tel: +1 512 383 4800
Fax: +1 512 371 9612
www.nera.com

About the Project Team

NERA Economic Consulting is a global firm of experts dedicated to applying economic, finance and quantitative principles to complex business and legal challenges. For over half a century, NERA's economists have been creating strategies, studies, reports, expert testimony and policy recommendations for government authorities and the world's leading law firms and corporations. We bring academic rigor, objectivity and real world industry experience to bear on issues arising from competition, regulation, public policy, strategy, finance and litigation.

NERA's clients value our ability to apply and communicate state-of-the-art approaches clearly and convincingly, our commitment to deliver unbiased findings, and our reputation for quality and independence. Our clients rely on the integrity and skills of our unparalleled team of economists and other experts backed by the resources and reliability of one of the world's largest economic consultancies. With its main office in New York City, NERA serves clients from more than 25 offices across North America, Europe and Asia Pacific.

NERA's employment and labor experts advise clients on a wide range of issues both inside and outside the courtroom. We have provided expert testimony on statistical issues both at the class certification phase (on issues of commonality and typicality) and at the liability phase (for class or pattern-and-practice cases). Our experts have extensive experience examining issues of statistical liability in discrimination and other wrongful termination claims. We also provide detailed statistical analyses of workforce composition to identify potential disparities in hiring, layoffs, promotions, pay, and performance assessments, and have conducted studies on labor union issues and on affirmative action programs for historically disadvantaged business enterprises.

NERA Managing Director Dr. Jon Wainwright led the NERA project team for this Study. Dr. Wainwright heads NERA's disparity study practice and is a nationally recognized expert on business discrimination and affirmative action. He has authored books, papers, and numerous research studies on the subject, and has been repeatedly qualified to testify on these and other issues as an expert in state and federal courts. At NERA, Dr. Wainwright directs and conducts economic and statistical studies of discrimination for attorneys, corporations, governments and non-profit organizations. He also directs and conducts research and provides clients with advice on adverse impact and economic damage matters arising from their hiring, performance assessment, compensation, promotion, termination or contracting activities.

About the Project Team

SRB Communications is a State of Maryland certified MBE/WBE led by Dr. Sheila Brooks. SRB is an award winning full-service strategic communications agency specializing in multicultural advertising, public relations, media relations and broadcast production. SRB helps clients develop brand identity, positioning and strategies in marketing, outreach, public education and public relations campaigns through integrated media formats in video production, print and digital media. On this project, the SRB team held responsibility for all of the stakeholder and community outreach functions.

CR Dynamics & Associates, Inc. is a City of Baltimore and State of Maryland certified MBE owned by Charles and Patricia Ramos. CR Dynamics is one of the top contact/call centers in the United States, providing services to private industry and government agencies. Over the past ten years, their perceptiveness in delivering critical program management supported with high-tech solutions has become invaluable to their clients. CRD provides a variety of services, including provision of help desk services, inbound travel counseling, order taking, reservations and outbound market research survey work. On this project, CRD provided CATI survey services for both the race/gender misclassification survey and the mail survey non-respondent survey.

1st Choice LLC is a State of Maryland certified MBE/WBE led by Michelle Bell. 1st Choice is an award-winning consulting agency with over 13 years of experience providing administrative support to diverse clients from the public, non-profit and private sectors. 1st Choice is a nationwide leader in providing high quality administrative labor services that are evaluated and cross-referenced with each project's Statement of Work. 1st Choice employees are highly proficient in industry standard information tools and software, and have core competencies across multiple industries. On this project, 1st Choice had responsibility for providing temporary personnel to supplement NERA staff for the data collection and processing tasks in the Disparity Study.

Law Office of Don O'Bannon, P.C. Attorney Don O'Bannon is a principal in the Law Office of Don T. O'Bannon in Dallas, Texas. He is the former Vice President of Business Diversity and Development for DFW International Airport and past chairman of the Airport Minority Advisory Council. Mr. O'Bannon is a past recipient of the M/WBE Advocate of the Year award from the Fort Worth Metropolitan Chamber of Commerce, the Business Advocate of the Year award from the Dallas-Fort Worth Hispanic Contractors' Association, and the Chairman's Award from the Dallas-Fort Worth Black Contractors' Association. On this project, Mr. O'Bannon provided a review of case law, conducted interviews with public sector personnel and with local business owners and co-drafted selected study recommendations.

CVV Transcripts, LLC is a Veterans Administration-verified Service-Disabled-Veteran Owned, and SBA Economically-Disadvantaged-Woman Owned Small Business based in Mesa, Arizona and led by founder Jennifer MacGregor. CVV provides court reporting and transcription of meetings, hearings, conference sessions, interviews, interrogations, depositions and court proceedings for a variety

of government agencies, commercial businesses, small businesses and non-profit organizations. On this project, CVV provided transcription services for all of the business owner and public sector personnel interviews.

J&D Data Services is a small business owned by Mr. Joe Deegan and based in Plano, Texas. After a long career with ScanTron, Mr. Deegan started his own business to offer a solid and proven alternative to the time consuming and expensive job of key data entry long associated with mail surveys. The firm helps its clients conserve their surveying resources by designing and delivering survey instruments that can be electronically and automatically scanned upon return and sent directly to electronic format. J&D Data Services has conducted numerous surveys of M/W/DBEs and non-M/W/DBEs on behalf of the NERA team. On this assignment, they provided printing, postage, mail-out and mail-back service for the contract and subcontract data collection, the mail survey and the business owner interviews.

Report Qualifications/Assumptions and Limiting Conditions

This report is for the exclusive use of the State of Maryland (“the State”). There are no third-party beneficiaries with respect to this report, and NERA Economic Consulting does not accept any liability to any third party.

Information furnished by others, upon which all or portions of this report is based, is believed to be reliable but has not been independently verified, unless otherwise expressly indicated. Public information and industry and statistical data, including contracting, subcontracting and procurement data, are from sources we deem to be reliable; however, we make no representation as to the accuracy or completeness of such information.

The opinions expressed in this report are valid only for the purpose stated herein and as of the date of this report. No obligation is assumed to revise this report to reflect changes, events or conditions that occur subsequent to the date hereof.

All decisions in connection with the implementation or use of advice or recommendations contained in this report are the sole responsibility of the client.

In portions of this report, NERA has commented on legal issues. NERA’s comments are based on its understanding of relevant law and industry best practice, as informed by legal counsel retained by NERA. However, NERA’s comments are not, and should not be construed as, legal advice to the State. NERA recommends that the State seek and obtain advice from its own legal counsel in connection with its affirmative action programs and with this report.

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Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

This appendix presents DBE utilization, availability, and disparity statistics analogous to those presented in Chapter VI, Tables 6.5 through 6.20, according to detailed NAICS Industry Groups.¹

For all three modal administrations combined, Tables A.1 and A.2 present results for construction contracts using dollars awarded and dollars paid, respectively, as the metric of utilization. These two tables cover all funding sources, both federal and state. Tables A.3 and A.4 are for federally-assisted construction contracts. Tables A.5 through A.24 follow the same format for the other five major procurement categories of AE-CRS, Maintenance, IT, Services, and CSE.

In this Appendix, those tables beginning with “B” detail SHA findings, tables beginning with “C” detail MTA findings, and tables beginning with “D” detail MAA findings. For ease of comparison, we have used the same numbers to refer to the same types of tables across the modal results, *e.g.*, table 1 is always for construction contracting, all funds, award dollars, and table 2 is always for construction contracting, all funds, paid dollars, respectively across SHA, MTA and MAA. Not all tables are present for all modal administrations due to a lack of contract activity in certain procurement categories.²

¹ NAICS codes in each table are presented in descending order according to their dollar-based weight. Comparable statistics were calculated at the NAICS Industry level as well (five-digit and six-digit NAICS). In the interest of space, these results are not reported here. Four-digit NAICS codes are most comparable to four-digit Standard Industrial Classification (SIC) codes, which were used prior to the advent of the NAICS system.

² Specifically, Tables D.12 are absent for MAA since there were no substantially completed federally-assisted maintenance contracts during the study period. Tables D.15 and D.16 are absent for MAA since there were no federally-assisted service contracts during the study period. Tables D.19 and D.20 are absent for MAA since there were no federally-assisted IT contracts during the study period. Tables D.23 and D.24 are absent for MAA since there were no federally-assisted CSE contracts during the study period.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.1. Industry Group Utilization, Availability, and Disparity Results for MDOT Construction Contracting--All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.57	13.59	4.16****
Hispanic	6.25	3.09	
Asian	0.52	3.70	14.08****
Native American	0.11	0.38	30.27
Minority	7.46	20.75	35.93****
Nonminority female	4.22	11.87	35.54****
DBE total	11.68	32.62	35.79****
Building Equipment Contractors (NAICS 2382)			
African American	12.78	12.29	
Hispanic	2.46	6.29	39.09**
Asian	0.16	1.66	9.88****
Native American	0.15	1.15	12.72**
Minority	15.55	21.39	72.70
Nonminority female	7.96	12.64	62.96
DBE total	23.51	34.03	69.08***
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	9.31	8.19	
Hispanic	40.60	8.28	
Asian	6.66	1.55	
Native American	7.88	0.19	
Minority	64.44	18.22	
Nonminority female	1.58	7.55	20.94****
DBE total	66.02	25.77	
Nonresidential Building Construction (NAICS 2362)			
African American	3.16	12.17	25.94*
Hispanic	0.84	6.74	12.43**
Asian	9.05	4.46	
Native American	0.00	2.09	0.00****
Minority	13.04	25.46	51.22*
Nonminority female	0.32	10.01	3.21****
DBE total	13.36	35.47	37.67****
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.00	8.55	0.00****
Hispanic	18.97	0.23	
Asian	1.75	5.55	31.60
Native American	0.00	0.12	0.00
Minority	20.72	14.44	
Nonminority female	0.01	11.32	0.05****
DBE total	20.72	25.76	80.45

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Specialty Trade Contractors (NAICS 2389)			
African American	5.97	7.08	84.42
Hispanic	0.38	6.77	5.57****
Asian	0.05	3.99	1.14****
Native American	0.01	2.09	0.34****
Minority	6.40	19.93	32.13****
Nonminority female	12.39	11.90	
DBE total	18.79	31.84	59.03*
Specialized Freight Trucking (NAICS 4842)			
African American	49.16	24.84	
Hispanic	10.98	7.48	
Asian	1.28	1.87	68.65
Native American	0.00	0.12	0.00****
Minority	61.42	34.32	
Nonminority female	11.44	11.65	98.25
DBE total	72.87	45.97	
Building Finishing Contractors (NAICS 2383)			
African American	4.00	4.88	81.98
Hispanic	1.02	20.38	5.02****
Asian	1.13	3.20	35.23
Native American	0.00	0.08	0.00
Minority	6.15	28.53	21.56****
Nonminority female	8.69	13.21	65.80
DBE total	14.84	41.74	35.56****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	0.00	14.61	0.00****
Nonminority female	44.56	10.28	
DBE total	44.56	24.89	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.93	5.11	18.13****
Hispanic	1.57	2.01	77.94
Asian	29.70	1.12	
Native American	0.00	0.99	0.00****
Minority	32.19	9.23	
Nonminority female	14.20	9.53	
DBE total	46.39	18.75	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Utility System Construction (NAICS 2371)			
African American	1.06	9.20	11.58***
Hispanic	2.60	1.82	
Asian	3.86	2.39	
Native American	0.22	1.12	19.81
Minority	7.74	14.53	53.30
Nonminority female	3.97	10.33	38.42
DBE total	11.71	24.86	47.12**
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	5.45	0.00****
Hispanic	0.00	0.10	0.00
Asian	0.00	0.20	0.44
Native American	0.00	3.92	0.00****
Minority	0.00	9.67	0.01****
Nonminority female	91.47	16.63	
DBE total	91.47	26.30	
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.53	6.74	52.29***
Hispanic	0.52	2.07	25.32****
Asian	3.58	5.11	70.10
Native American	6.34	1.51	
Minority	13.97	15.43	90.51
Nonminority female	5.89	9.55	61.72**
DBE total	19.86	24.98	79.50*
Services to Buildings and Dwellings (NAICS 5617)			
African American	8.40	16.98	49.45***
Hispanic	0.01	3.05	0.23****
Asian	0.00	2.61	0.00****
Native American	0.01	2.35	0.56****
Minority	8.42	24.99	33.68****
Nonminority female	32.76	11.39	
DBE total	41.17	36.38	
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	5.67	0.00****
Hispanic	0.06	0.04	
Asian	19.33	0.07	
Native American	0.00	0.22	0.00****
Minority	19.39	6.00	
Nonminority female	26.54	14.62	
DBE total	45.93	20.62	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.84	0.00****
Hispanic	25.67	0.72	
Asian	0.00	0.36	0.00****
Native American	0.00	0.05	0.00
Minority	25.67	3.97	
Nonminority female	2.60	3.68	70.79
DBE total	28.27	7.65	
Investigation and Security Services (NAICS 5616)			
African American	0.15	19.93	0.73****
Hispanic	0.00	1.49	0.00****
Asian	0.00	4.80	0.00****
Native American	0.00	1.20	0.00****
Minority	0.15	27.41	0.53****
Nonminority female	0.00	11.71	0.00****
DBE total	0.15	39.12	0.37****
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	10.09	2.45	
Asian	0.00	2.57	0.00****
Native American	4.23	0.02	
Minority	14.32	23.75	60.28***
Nonminority female	77.99	28.54	
DBE total	92.30	52.30	
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	99.94	4.93	
DBE total	99.94	58.36	
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.76	10.28	7.39****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.76	17.55	4.33****
Nonminority female	20.49	18.00	
DBE total	21.25	35.55	59.77*

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	1.97	1.63	
Hispanic	0.01	5.51	0.18****
Asian	0.00	2.25	0.00****
Native American	0.00	2.61	0.00****
Minority	1.98	12.00	16.49****
Nonminority female	16.67	7.25	
DBE total	18.65	19.25	96.88
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	12.46	0.00****
Hispanic	0.00	4.15	0.00****
Asian	0.00	5.60	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	23.10	0.00****
Nonminority female	0.00	15.77	0.00****
DBE total	0.00	38.87	0.00****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	47.32	8.16	
DBE total	47.32	15.35	
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.06	7.14	0.78****
DBE total	0.06	7.14	0.78****
Other Miscellaneous Store Retailers (NAICS 4539)			
African American	0.00	11.81	0.00****
Hispanic	0.00	3.65	0.00
Asian	0.00	4.95	0.00****
Native American	0.00	0.92	0.00
Minority	0.00	21.33	0.00****
Nonminority female	0.00	17.50	0.00****
DBE total	0.00	38.83	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	2.24	20.00	11.20***
DBE total	2.24	20.00	11.20***
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.71	5.10	14.01****
Hispanic	0.00	3.34	0.00****
Asian	0.00	1.40	0.00****
Native American	0.00	0.23	0.00****
Minority	0.71	10.06	7.10****
Nonminority female	0.01	9.31	0.07****
DBE total	0.72	19.37	3.72****
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00****
DBE total	0.00	2.74	0.00****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.93	21.37	4.37****
DBE total	0.93	24.70	3.78****
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.69	2.09	33.07
Asian	0.00	1.03	0.00****
Native American	0.00	0.05	0.00
Minority	0.69	5.53	12.50****
Nonminority female	65.67	29.31	
DBE total	66.36	34.84	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Employment Services (NAICS 5613)			
African American	44.54	9.20	
Hispanic	6.41	2.44	
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	50.95	15.00	
Nonminority female	24.82	12.27	
DBE total	75.77	27.27	
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	4.74	11.40	41.56*
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	4.74	15.35	30.87***
Nonminority female	37.78	20.48	
DBE total	42.51	35.83	
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	94.88	16.46	
DBE total	94.88	34.11	
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	10.87	17.56	61.90
DBE total	10.87	37.82	28.73
Direct Selling Establishments (NAICS 4543)			
African American	51.03	2.43	
Hispanic	0.00	0.82	0.00****
Asian	0.00	0.83	0.00****
Native American	0.00	0.01	0.00
Minority	51.03	4.08	
Nonminority female	31.80	8.60	
DBE total	82.82	12.68	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.14	0.00****
Hispanic	0.44	0.00	
Asian	71.82	0.00	
Native American	0.00	0.00	
Minority	72.25	7.14	
Nonminority female	2.28	35.71	6.38****
DBE total	74.53	42.86	
Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing (NAICS 3252)			
African American	0.00	6.87	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.07	0.00
Minority	0.00	7.05	0.00****
Nonminority female	0.00	8.03	0.00****
DBE total	0.00	15.08	0.00****
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	0.99	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	2.92	0.00****
Native American	0.00	0.00	0.00
Minority	0.00	3.93	0.00****
Nonminority female	1.17	3.83	30.61
DBE total	1.17	7.76	15.12***
Remediation and Other Waste Management Services (NAICS 5629)			
African American	18.03	3.77	
Hispanic	0.00	6.10	0.00****
Asian	0.00	6.53	0.00****
Native American	0.26	0.03	
Minority	18.29	16.43	
Nonminority female	5.88	10.61	55.37
DBE total	24.17	27.05	89.36
Other General Purpose Machinery Manufacturing (NAICS 3339)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	22.22	0.00****
DBE total	0.00	22.22	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.13	15.03	0.84****
Hispanic	0.00	4.07	0.00****
Asian	26.84	15.83	
Native American	0.00	1.34	0.00****
Minority	26.96	36.27	74.33
Nonminority female	0.23	12.35	1.82****
DBE total	27.19	48.62	55.92**
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00****
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00****
Minority	0.00	6.61	0.00****
Nonminority female	8.95	6.87	
DBE total	8.95	13.48	66.39
Paint, Coating, and Adhesive Manufacturing (NAICS 3255)			
African American	0.00	10.39	0.00****
Hispanic	0.00	2.67	0.00
Asian	0.00	4.75	0.00****
Native American	0.00	0.78	0.00
Minority	0.00	18.60	0.00****
Nonminority female	0.00	19.87	0.00****
DBE total	0.00	38.47	0.00****
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	2.69	1.71	
Hispanic	0.00	0.61	0.00
Asian	0.00	0.79	0.00
Native American	0.00	0.12	0.00
Minority	2.69	3.24	83.09
Nonminority female	72.85	21.41	
DBE total	75.54	24.64	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Waste Treatment and Disposal (NAICS 5622)			
African American	35.52	8.77	
Hispanic	0.00	2.81	0.00****
Asian	0.27	0.97	27.50
Native American	0.00	0.00	
Minority	35.79	12.54	
Nonminority female	19.62	22.25	88.17
DBE total	55.41	34.80	
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Other Nonmetallic Mineral Product Manufacturing (NAICS 3279)			
African American	0.00	11.71	0.00****
Hispanic	0.00	3.88	0.00****
Asian	0.00	6.88	0.00****
Native American	0.00	0.86	0.00
Minority	0.00	23.32	0.00****
Nonminority female	66.62	17.30	
DBE total	66.62	40.62	
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	86.22	13.33	
DBE total	86.22	13.33	
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	0.93	0.00****
Hispanic	0.00	3.40	0.00****
Asian	0.00	2.39	0.00****
Native American	0.00	1.14	0.00****
Minority	0.00	7.86	0.00****
Nonminority female	0.01	6.68	0.14****
DBE total	0.01	14.55	0.06****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Pulp, Paper, and Paperboard Mills (NAICS 3221)			
African American	0.00	16.29	0.00****
Hispanic	0.00	3.93	0.00****
Asian	0.00	5.25	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	26.21	0.00****
Nonminority female	0.00	14.19	0.00****
DBE total	0.00	40.40	0.00****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	1.91	5.61	34.09**
Hispanic	0.00	2.14	0.00****
Asian	27.19	4.16	
Native American	0.00	2.37	0.00****
Minority	29.10	14.28	
Nonminority female	14.21	18.55	76.60
DBE total	43.31	32.83	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.2. Industry Group Utilization, Availability, and Disparity Results for MDOT Construction Contracting—All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.27	13.59	1.96****
Hispanic	3.49	3.09	
Asian	0.03	3.70	0.88****
Native American	0.08	0.38	20.54
Minority	3.87	20.75	18.65****
Nonminority female	5.32	11.87	44.83****
DBE total	9.19	32.62	28.18****
Building Equipment Contractors (NAICS 2382)			
African American	15.31	12.14	
Hispanic	3.02	6.22	48.60
Asian	0.24	1.65	14.23**
Native American	0.12	1.13	10.63**
Minority	18.69	21.14	88.37
Nonminority female	7.75	12.63	61.40
DBE total	26.44	33.77	78.29
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	11.85	7.74	
Hispanic	43.76	7.53	
Asian	6.25	1.42	
Native American	9.19	0.22	
Minority	71.04	16.92	
Nonminority female	1.23	7.50	16.39****
DBE total	72.27	24.42	
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.00	8.55	0.00****
Hispanic	13.16	0.23	
Asian	0.21	5.55	3.83***
Native American	0.00	0.12	0.00
Minority	13.37	14.44	92.60
Nonminority female	0.01	11.32	0.07****
DBE total	13.38	25.76	51.94*
Other Specialty Trade Contractors (NAICS 2389)			
African American	5.13	7.02	73.16
Hispanic	0.54	6.32	8.63****
Asian	0.01	3.93	0.25****
Native American	0.01	2.26	0.47****
Minority	5.70	19.53	29.19****
Nonminority female	14.91	11.84	
DBE total	20.61	31.37	65.71*

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Nonresidential Building Construction (NAICS 2362)			
African American	1.91	12.17	15.67****
Hispanic	1.97	6.74	29.16
Asian	0.60	4.46	13.47**
Native American	0.00	2.09	0.00****
Minority	4.47	25.46	17.57****
Nonminority female	0.76	10.01	7.59****
DBE total	5.23	35.47	14.76****
Specialized Freight Trucking (NAICS 4842)			
African American	42.71	24.84	
Hispanic	8.63	7.48	
Asian	0.78	1.87	41.65
Native American	0.00	0.12	0.00****
Minority	52.12	34.32	
Nonminority female	13.25	11.65	
DBE total	65.36	45.97	
Building Finishing Contractors (NAICS 2383)			
African American	3.98	4.87	81.68
Hispanic	1.02	20.97	4.85****
Asian	1.03	3.19	32.32
Native American	0.00	0.07	0.00
Minority	6.03	29.11	20.71****
Nonminority female	6.24	13.24	47.17
DBE total	12.27	42.35	28.98****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00***
Minority	0.00	14.61	0.00****
Nonminority female	44.60	10.28	
DBE total	44.60	24.89	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	1.01	4.99	20.23****
Hispanic	1.98	1.95	
Asian	27.72	1.09	
Native American	0.00	1.06	0.00****
Minority	30.71	9.10	
Nonminority female	17.41	9.39	
DBE total	48.12	18.49	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Utility System Construction (NAICS 2371)			
African American	0.00	9.18	0.00****
Hispanic	2.98	1.82	
Asian	3.96	2.38	
Native American	0.25	1.13	22.46
Minority	7.19	14.51	49.52
Nonminority female	2.94	10.36	28.34
DBE total	10.12	24.87	40.69**
Investigation and Security Services (NAICS 5616)			
African American	0.00	19.85	0.00****
Hispanic	0.00	1.44	0.00***
Asian	0.00	4.98	0.00****
Native American	0.00	1.16	0.00***
Minority	0.00	27.43	0.00****
Nonminority female	0.00	11.73	0.00****
DBE total	0.00	39.16	0.00****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.53	6.90	51.18**
Hispanic	0.69	2.11	33.00*
Asian	4.54	5.00	90.86
Native American	0.37	1.45	25.49*
Minority	9.13	15.45	59.13***
Nonminority female	4.04	9.78	41.27****
DBE total	13.17	25.23	52.21****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	5.16	0.00****
Hispanic	0.00	0.10	0.00
Asian	0.00	0.19	0.67
Native American	0.00	4.09	0.00****
Minority	0.00	9.54	0.01****
Nonminority female	90.78	16.32	
DBE total	90.78	25.86	
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	5.29	0.00****
Hispanic	0.08	0.04	
Asian	23.77	0.07	
Native American	0.00	0.23	0.00
Minority	23.84	5.62	
Nonminority female	27.32	13.94	
DBE total	51.16	19.57	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.99	0.00****
Hispanic	20.57	0.76	
Asian	0.00	0.43	0.00****
Native American	0.00	0.06	0.00
Minority	20.57	4.24	
Nonminority female	2.40	3.89	61.72
DBE total	22.97	8.13	
Services to Buildings and Dwellings (NAICS 5617)			
African American	11.10	17.15	64.71
Hispanic	0.01	3.16	0.36****
Asian	0.00	2.64	0.00****
Native American	0.02	2.32	0.92****
Minority	11.13	25.27	44.05****
Nonminority female	36.60	11.43	
DBE total	47.74	36.70	
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	99.94	4.93	
DBE total	99.94	58.36	
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	9.81	2.45	
Asian	0.00	2.57	0.00****
Native American	3.62	0.02	
Minority	13.43	23.75	56.54***
Nonminority female	75.59	28.54	
DBE total	89.02	52.30	
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.91	10.28	8.90****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.91	17.55	5.21****
Nonminority female	25.51	18.00	
DBE total	26.42	35.55	74.33

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	2.36	1.93	
Hispanic	0.01	5.20	0.14****
Asian	0.00	2.11	0.00****
Native American	0.00	2.58	0.00****
Minority	2.37	11.82	20.03****
Nonminority female	17.17	7.76	
DBE total	19.54	19.58	99.80
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	49.34	8.16	
DBE total	49.34	15.35	
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.02	7.14	0.33****
DBE total	0.02	7.14	0.33****
Other Miscellaneous Store Retailers (NAICS 4539)			
African American	0.00	11.81	0.00****
Hispanic	0.00	3.65	0.00
Asian	0.00	4.95	0.00****
Native American	0.00	0.92	0.00
Minority	0.00	21.33	0.00****
Nonminority female	0.00	17.50	0.00****
DBE total	0.00	38.83	0.00****
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	12.46	0.00****
Hispanic	0.00	4.15	0.00****
Asian	0.00	5.60	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	23.10	0.00****
Nonminority female	0.00	15.77	0.00****
DBE total	0.00	38.87	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.95	21.37	4.47****
DBE total	0.95	24.70	3.86****
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.36	5.04	7.16****
Hispanic	0.00	3.33	0.00****
Asian	0.00	1.37	0.00****
Native American	0.00	0.22	0.00****
Minority	0.36	9.96	3.62****
Nonminority female	0.01	9.25	0.09****
DBE total	0.37	19.22	1.92****
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	8.87	17.56	50.53
DBE total	8.87	37.82	23.46**
Employment Services (NAICS 5613)			
African American	46.79	9.20	
Hispanic	8.30	2.44	
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	55.10	15.00	
Nonminority female	29.74	12.27	
DBE total	84.84	27.27	
Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing (NAICS 3252)			
African American	0.00	6.87	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.07	0.00
Minority	0.00	7.05	0.00****
Nonminority female	0.00	8.03	0.00****
DBE total	0.00	15.08	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	0.00	11.40	0.00****
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	15.35	0.00****
Nonminority female	54.82	20.48	
DBE total	54.82	35.83	
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	93.69	16.46	
DBE total	93.69	34.11	
Other General Purpose Machinery Manufacturing (NAICS 3339)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	22.22	0.00****
DBE total	0.00	22.22	0.00****
Direct Selling Establishments (NAICS 4543)			
African American	37.00	2.43	
Hispanic	0.00	0.82	0.00
Asian	0.00	0.83	0.00
Native American	0.00	0.01	0.00
Minority	37.00	4.08	
Nonminority female	38.57	8.60	
DBE total	75.57	12.68	
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.14	0.00****
Hispanic	0.00	0.00	
Asian	66.21	0.00	
Native American	0.00	0.00	
Minority	66.21	7.14	
Nonminority female	1.28	35.71	3.57****
DBE total	67.49	42.86	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	0.93	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	2.94	0.00****
Native American	0.00	0.00	0.00
Minority	0.00	3.90	0.00****
Nonminority female	1.52	3.78	40.14
DBE total	1.52	7.68	19.76*
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.26	2.09	12.59
Asian	0.00	1.03	0.00**
Native American	0.00	0.05	0.00
Minority	0.26	5.53	4.76****
Nonminority female	47.76	29.31	
DBE total	48.03	34.84	
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.13	14.91	0.89****
Hispanic	0.00	4.12	0.00****
Asian	26.38	15.99	
Native American	0.00	1.35	0.00****
Minority	26.51	36.37	72.90
Nonminority female	0.22	12.28	1.81****
DBE total	26.74	48.65	54.95
Remediation and Other Waste Management Services (NAICS 5629)			
African American	9.87	3.19	
Hispanic	0.00	8.67	0.00****
Asian	0.00	9.26	0.00****
Native American	0.32	0.00	
Minority	10.19	21.12	48.22
Nonminority female	6.54	14.17	46.12
DBE total	16.72	35.29	47.38

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Waste Treatment and Disposal (NAICS 5622)			
African American	46.03	9.68	
Hispanic	0.00	3.06	0.00****
Asian	0.37	2.25	16.40
Native American	0.00	0.35	0.00
Minority	46.40	15.34	
Nonminority female	21.87	16.79	
DBE total	68.27	32.13	
Paint, Coating, and Adhesive Manufacturing (NAICS 3255)			
African American	0.00	10.39	0.00****
Hispanic	0.00	2.67	0.00
Asian	0.00	4.75	0.00****
Native American	0.00	0.78	0.00
Minority	0.00	18.60	0.00****
Nonminority female	0.00	19.87	0.00****
DBE total	0.00	38.47	0.00****
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00**
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00**
Minority	0.00	6.61	0.00****
Nonminority female	9.17	6.87	
DBE total	9.17	13.48	68.03
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	2.77	1.71	
Hispanic	0.00	0.61	0.00
Asian	0.00	0.79	0.00
Native American	0.00	0.12	0.00
Minority	2.77	3.24	85.58
Nonminority female	75.04	21.41	
DBE total	77.80	24.64	
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00
DBE total	0.00	2.74	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	86.22	13.33	
DBE total	86.22	13.33	
Other Nonmetallic Mineral Product Manufacturing (NAICS 3279)			
African American	0.00	11.71	0.00****
Hispanic	0.00	3.88	0.00****
Asian	0.00	6.88	0.00****
Native American	0.00	0.86	0.00
Minority	0.00	23.32	0.00****
Nonminority female	65.93	17.30	
DBE total	65.93	40.62	
Pulp, Paper, and Paperboard Mills (NAICS 3221)			
African American	0.00	16.29	0.00****
Hispanic	0.00	3.93	0.00****
Asian	0.00	5.25	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	26.21	0.00****
Nonminority female	0.00	14.19	0.00****
DBE total	0.00	40.40	0.00****
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00**
Asian	0.00	0.89	0.00
Native American	0.00	0.04	0.00
Minority	0.00	2.91	0.00**
Nonminority female	21.00	0.92	
DBE total	21.00	3.84	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Furniture and Home Furnishing Merchant Wholesalers (NAICS 4232)			
African American	0.00	13.94	0.00
Hispanic	0.00	3.66	0.00
Asian	0.00	5.26	0.00
Native American	0.00	0.98	0.00
Minority	0.00	23.83	0.00****
Nonminority female	2.83	18.45	15.35
DBE total	2.83	42.28	6.70****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	2.47	5.61	44.02
Hispanic	0.00	2.14	0.00****
Asian	29.08	4.16	
Native American	0.00	2.37	0.00****
Minority	31.55	14.28	
Nonminority female	18.18	18.55	98.01
DBE total	49.74	32.83	
Agencies, Brokerages, and Other Insurance Related Activities (NAICS 5242)			
African American	0.00	8.56	0.00****
Hispanic	0.00	0.75	0.00
Asian	0.00	1.35	0.00
Native American	0.00	0.07	0.00
Minority	0.00	10.73	0.00****
Nonminority female	10.07	14.61	68.97
DBE total	10.07	25.34	39.76*

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.3. Industry Group Utilization, Availability, and Disparity Results for MDOT Construction Contracting–Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.58	13.59	4.30****
Hispanic	6.47	3.09	
Asian	0.55	3.70	14.90****
Native American	0.09	0.38	24.25
Minority	7.69	20.75	37.08****
Nonminority female	4.01	11.87	33.75****
DBE total	11.70	32.62	35.87****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	8.97	8.27	
Hispanic	42.26	8.34	
Asian	7.01	1.55	
Native American	8.30	0.15	
Minority	66.53	18.31	
Nonminority female	1.55	7.38	20.95****
DBE total	68.08	25.69	
Building Equipment Contractors (NAICS 2382)			
African American	7.12	12.51	56.96*
Hispanic	2.87	6.50	44.21*
Asian	0.21	1.69	12.48***
Native American	0.19	1.21	15.67*
Minority	10.40	21.91	47.46****
Nonminority female	10.21	12.63	80.89
DBE total	20.61	34.54	59.68****
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.00	8.55	0.00****
Hispanic	18.99	0.23	
Asian	1.75	5.55	31.64
Native American	0.00	0.12	0.00
Minority	20.75	14.44	
Nonminority female	0.01	11.32	0.05****
DBE total	20.75	25.76	80.56
Other Specialty Trade Contractors (NAICS 2389)			
African American	6.09	7.11	85.70
Hispanic	0.40	7.01	5.71****
Asian	0.05	4.03	1.20****
Native American	0.01	2.00	0.37****
Minority	6.55	20.14	32.50****
Nonminority female	11.15	11.93	93.48
DBE total	17.70	32.08	55.18**

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Nonresidential Building Construction (NAICS 2362)			
African American	4.50	12.17	37.02
Hispanic	1.04	6.74	15.49**
Asian	14.65	4.46	
Native American	0.00	2.09	0.00****
Minority	20.20	25.46	79.33
Nonminority female	0.09	10.01	0.92****
DBE total	20.29	35.47	57.20**
Specialized Freight Trucking (NAICS 4842)			
African American	46.95	24.84	
Hispanic	11.54	7.48	
Asian	1.02	1.87	54.61
Native American	0.00	0.12	0.00****
Minority	59.52	34.32	
Nonminority female	12.08	11.65	
DBE total	71.60	45.97	
Building Finishing Contractors (NAICS 2383)			
African American	0.14	5.10	2.76****
Hispanic	1.02	22.09	4.60****
Asian	0.92	3.27	28.17
Native American	0.00	0.04	0.00
Minority	2.08	30.51	6.82****
Nonminority female	6.21	13.17	47.14
DBE total	8.29	43.68	18.98****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	0.00	14.61	0.00****
Nonminority female	45.21	10.28	
DBE total	45.21	24.89	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.15	5.16	2.94****
Hispanic	1.40	2.07	67.82
Asian	32.59	1.12	
Native American	0.00	0.93	0.00****
Minority	34.14	9.27	
Nonminority female	13.87	9.35	
DBE total	48.01	18.62	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Utility System Construction (NAICS 2371)			
African American	1.19	9.20	12.98***
Hispanic	0.69	1.83	37.59
Asian	4.33	2.39	
Native American	0.25	1.12	22.29
Minority	6.46	14.53	44.43
Nonminority female	2.29	10.32	22.22**
DBE total	8.75	24.85	35.21****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	5.80	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.22	0.44
Native American	0.00	3.72	0.00****
Minority	0.00	9.84	0.01****
Nonminority female	90.95	17.00	
DBE total	90.95	26.84	
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.23	6.88	46.96****
Hispanic	0.58	2.10	27.68***
Asian	3.31	5.01	66.13
Native American	0.28	1.46	19.36****
Minority	7.41	15.45	47.95****
Nonminority female	6.51	9.75	66.72*
DBE total	13.91	25.20	55.21****
Services to Buildings and Dwellings (NAICS 5617)			
African American	8.78	16.98	51.70***
Hispanic	0.01	3.05	0.26****
Asian	0.00	2.61	0.00****
Native American	0.01	2.35	0.62****
Minority	8.80	24.99	35.22****
Nonminority female	31.84	11.39	
DBE total	40.64	36.38	
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.87	0.00****
Hispanic	24.40	0.73	
Asian	0.00	0.37	0.00****
Native American	0.00	0.05	0.00
Minority	24.40	4.02	
Nonminority female	2.37	3.71	63.93
DBE total	26.76	7.72	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	10.19	2.45	
Asian	0.00	2.57	0.00****
Native American	4.34	0.02	
Minority	14.54	23.75	61.20***
Nonminority female	77.98	28.54	
DBE total	92.52	52.30	
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	5.17	0.00****
Hispanic	0.08	0.04	
Asian	0.00	0.07	0.00
Native American	0.00	0.29	0.00****
Minority	0.08	5.55	1.53****
Nonminority female	33.71	14.13	
DBE total	33.79	19.69	
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	99.94	4.93	
DBE total	99.94	58.36	
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.77	10.28	7.52****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.77	17.55	4.40****
Nonminority female	20.49	18.00	
DBE total	21.27	35.55	59.82*
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.66	1.62	40.62
Hispanic	0.01	5.53	0.19****
Asian	0.00	2.25	0.00****
Native American	0.00	2.62	0.00****
Minority	0.67	12.02	5.57****
Nonminority female	16.94	7.24	
DBE total	17.61	19.27	91.41

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Investigation and Security Services (NAICS 5616)			
African American	0.12	20.84	0.58****
Hispanic	0.00	2.04	0.00****
Asian	0.00	2.69	0.00****
Native American	0.00	1.62	0.00****
Minority	0.12	27.19	0.44****
Nonminority female	0.00	11.48	0.00****
DBE total	0.12	38.68	0.31****
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	12.46	0.00****
Hispanic	0.00	4.15	0.00****
Asian	0.00	5.60	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	23.10	0.00****
Nonminority female	0.00	15.77	0.00****
DBE total	0.00	38.87	0.00****
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.06	7.14	0.80****
DBE total	0.06	7.14	0.80****
Other Miscellaneous Store Retailers (NAICS 4539)			
African American	0.00	11.81	0.00****
Hispanic	0.00	3.65	0.00
Asian	0.00	4.95	0.00****
Native American	0.00	0.92	0.00
Minority	0.00	21.33	0.00****
Nonminority female	0.00	17.50	0.00****
DBE total	0.00	38.83	0.00****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	54.30	8.16	
DBE total	54.30	15.35	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.78	5.01	15.63****
Hispanic	0.00	3.33	0.00****
Asian	0.00	1.35	0.00****
Native American	0.00	0.22	0.00****
Minority	0.78	9.91	7.90****
Nonminority female	0.01	9.22	0.08****
DBE total	0.79	19.13	4.13****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	1.03	21.37	4.82****
DBE total	1.03	24.70	4.17****
Employment Services (NAICS 5613)			
African American	45.42	9.20	
Hispanic	6.56	2.44	
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	51.97	15.00	
Nonminority female	25.29	12.27	
DBE total	77.26	27.27	
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	4.92	11.40	43.15
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	4.92	15.35	32.05***
Nonminority female	39.22	20.48	
DBE total	44.14	35.83	
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.83	2.09	39.82
Asian	0.00	1.03	0.00****
Native American	0.00	0.05	0.00
Minority	0.83	5.53	15.05****
Nonminority female	76.51	29.31	
DBE total	77.34	34.84	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	94.11	16.46	
DBE total	94.11	34.11	
Direct Selling Establishments (NAICS 4543)			
African American	57.09	2.43	
Hispanic	0.00	0.82	0.00****
Asian	0.00	0.83	0.00****
Native American	0.00	0.01	0.00
Minority	57.09	4.08	
Nonminority female	35.58	8.60	
DBE total	92.67	12.68	
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.14	0.00****
Hispanic	0.00	0.00	
Asian	71.41	0.00	
Native American	0.00	0.00	
Minority	71.41	7.14	
Nonminority female	2.60	35.71	7.27****
DBE total	74.01	42.86	
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing (NAICS 3252)			
African American	0.00	6.87	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.07	0.00
Minority	0.00	7.05	0.00****
Nonminority female	0.00	8.03	0.00****
DBE total	0.00	15.08	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	0.67	0.00****
Hispanic	0.00	0.03	0.00
Asian	0.00	3.05	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	3.75	0.00****
Nonminority female	2.18	3.52	62.02
DBE total	2.18	7.27	30.02
Paint, Coating, and Adhesive Manufacturing (NAICS 3255)			
African American	0.00	10.39	0.00****
Hispanic	0.00	2.67	0.00
Asian	0.00	4.75	0.00****
Native American	0.00	0.78	0.00
Minority	0.00	18.60	0.00****
Nonminority female	0.00	19.87	0.00****
DBE total	0.00	38.47	0.00****
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.20	17.01	1.20****
Hispanic	0.00	3.19	0.00****
Asian	43.01	13.33	
Native American	0.00	1.24	0.00****
Minority	43.22	34.76	
Nonminority female	0.34	13.39	2.54****
DBE total	43.56	48.15	90.45
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	32.74	17.56	
DBE total	32.74	37.82	86.57
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	2.43	1.71	
Hispanic	0.00	0.61	0.00
Asian	0.00	0.79	0.00
Native American	0.00	0.12	0.00
Minority	2.43	3.24	75.01
Nonminority female	82.89	21.41	
DBE total	85.32	24.64	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Waste Treatment and Disposal (NAICS 5622)			
African American	36.41	8.77	
Hispanic	0.00	2.81	0.00****
Asian	0.28	0.97	28.65
Native American	0.00	0.00	
Minority	36.68	12.54	
Nonminority female	17.79	22.25	79.95
DBE total	54.47	34.80	
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Other Nonmetallic Mineral Product Manufacturing (NAICS 3279)			
African American	0.00	11.71	0.00****
Hispanic	0.00	3.88	0.00****
Asian	0.00	6.88	0.00****
Native American	0.00	0.86	0.00
Minority	0.00	23.32	0.00****
Nonminority female	66.66	17.30	
DBE total	66.66	40.62	
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	86.22	13.33	
DBE total	86.22	13.33	
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	0.93	0.00****
Hispanic	0.00	3.40	0.00****
Asian	0.00	2.39	0.00****
Native American	0.00	1.14	0.00****
Minority	0.00	7.86	0.00****
Nonminority female	0.01	6.68	0.14****
DBE total	0.01	14.55	0.06****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	0.29	5.61	5.10****
Hispanic	0.00	2.14	0.00****
Asian	28.85	4.16	
Native American	0.00	2.37	0.00****
Minority	29.14	14.28	
Nonminority female	15.08	18.55	81.29
DBE total	44.22	32.83	
Remediation and Other Waste Management Services (NAICS 5629)			
African American	42.07	5.14	
Hispanic	0.00	0.05	0.00
Asian	0.00	0.10	0.00
Native American	0.57	0.10	
Minority	42.64	5.39	
Nonminority female	12.73	2.22	
DBE total	55.37	7.61	
Pulp, Paper, and Paperboard Mills (NAICS 3221)			
African American	0.00	16.29	0.00****
Hispanic	0.00	3.93	0.00****
Asian	0.00	5.25	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	26.21	0.00****
Nonminority female	0.00	14.19	0.00****
DBE total	0.00	40.40	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.4. Industry Group Utilization, Availability, and Disparity Results for MDOT Construction Contracting–Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.26	13.59	1.94****
Hispanic	3.38	3.09	
Asian	0.03	3.70	0.90****
Native American	0.07	0.38	17.26
Minority	3.75	20.75	18.06****
Nonminority female	4.86	11.87	40.96****
DBE total	8.61	32.62	26.39****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	11.88	7.84	
Hispanic	46.23	7.56	
Asian	6.64	1.42	
Native American	9.76	0.17	
Minority	74.51	16.99	
Nonminority female	1.14	7.29	15.61****
DBE total	75.65	24.28	
Building Equipment Contractors (NAICS 2382)			
African American	7.83	12.41	63.07
Hispanic	3.82	6.44	59.31
Asian	0.34	1.69	20.11
Native American	0.17	1.19	14.54
Minority	12.16	21.74	55.95***
Nonminority female	11.18	12.62	88.60
DBE total	23.35	34.36	67.94**
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.00	8.55	0.00****
Hispanic	13.18	0.23	
Asian	0.21	5.55	3.83***
Native American	0.00	0.12	0.00
Minority	13.39	14.44	92.74
Nonminority female	0.01	11.32	0.07****
DBE total	13.40	25.76	52.01*
Other Specialty Trade Contractors (NAICS 2389)			
African American	5.39	7.05	76.38
Hispanic	0.58	6.58	8.87****
Asian	0.01	3.97	0.26****
Native American	0.01	2.16	0.53****
Minority	5.99	19.76	30.32****
Nonminority female	13.18	11.88	
DBE total	19.17	31.64	60.60***

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Specialized Freight Trucking (NAICS 4842)			
African American	41.15	24.84	
Hispanic	8.86	7.48	
Asian	0.81	1.87	43.08
Native American	0.00	0.12	0.00****
Minority	50.81	34.32	
Nonminority female	13.70	11.65	
DBE total	64.51	45.97	
Building Finishing Contractors (NAICS 2383)			
African American	0.01	5.13	0.27****
Hispanic	1.03	22.32	4.63****
Asian	0.82	3.30	24.72
Native American	0.00	0.04	0.00
Minority	1.86	30.79	6.05****
Nonminority female	5.28	13.15	40.18*
DBE total	7.15	43.94	16.26****
Nonresidential Building Construction (NAICS 2362)			
African American	1.76	12.17	14.45****
Hispanic	2.16	6.74	32.10
Asian	0.86	4.46	19.19*
Native American	0.00	2.09	0.00****
Minority	4.78	25.46	18.77****
Nonminority female	0.19	10.01	1.88****
DBE total	4.97	35.47	14.01****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00***
Minority	0.00	14.61	0.00****
Nonminority female	43.65	10.28	
DBE total	43.65	24.89	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.19	5.05	3.85****
Hispanic	1.73	2.02	85.52
Asian	30.09	1.11	
Native American	0.00	0.97	0.00****
Minority	32.01	9.15	
Nonminority female	16.82	9.32	
DBE total	48.83	18.47	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Utility System Construction (NAICS 2371)			
African American	0.00	9.18	0.00****
Hispanic	0.79	1.82	43.56
Asian	4.48	2.38	
Native American	0.29	1.13	25.46
Minority	5.56	14.51	38.28
Nonminority female	1.76	10.36	17.01*
DBE total	7.32	24.87	29.42***
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.05	6.91	44.12***
Hispanic	0.73	2.11	34.52*
Asian	4.00	4.99	80.22
Native American	0.36	1.44	24.97**
Minority	8.14	15.45	52.67****
Nonminority female	4.18	9.80	42.61****
DBE total	12.32	25.25	48.77****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	5.64	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.21	0.67
Native American	0.00	3.81	0.00****
Minority	0.00	9.76	0.01****
Nonminority female	89.97	16.84	
DBE total	89.97	26.60	
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.98	0.00****
Hispanic	20.40	0.77	
Asian	0.00	0.43	0.00****
Native American	0.00	0.06	0.00
Minority	20.40	4.24	
Nonminority female	2.41	3.91	61.61
DBE total	22.81	8.15	
Services to Buildings and Dwellings (NAICS 5617)			
African American	12.49	17.20	72.64
Hispanic	0.01	3.20	0.41****
Asian	0.00	2.64	0.00****
Native American	0.02	2.31	1.06****
Minority	12.53	25.35	49.43***
Nonminority female	36.37	11.44	
DBE total	48.90	36.79	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	99.94	4.93	
DBE total	99.94	58.36	
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	4.54	0.00****
Hispanic	0.11	0.03	
Asian	0.00	0.06	0.00
Native American	0.00	0.31	0.00****
Minority	0.11	4.94	2.26****
Nonminority female	39.22	13.15	
DBE total	39.33	18.09	
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	9.82	2.45	
Asian	0.00	2.57	0.00****
Native American	3.72	0.02	
Minority	13.55	23.75	57.04***
Nonminority female	75.74	28.54	
DBE total	89.29	52.30	
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.93	10.28	9.08****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.93	17.55	5.32****
Nonminority female	25.57	18.00	
DBE total	26.51	35.55	74.56
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.79	1.91	41.58
Hispanic	0.01	5.26	0.14****
Asian	0.00	2.12	0.00****
Native American	0.00	2.60	0.00****
Minority	0.80	11.89	6.74****
Nonminority female	17.34	7.73	
DBE total	18.14	19.61	92.52

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Investigation and Security Services (NAICS 5616)			
African American	0.00	20.84	0.00****
Hispanic	0.00	2.04	0.00***
Asian	0.00	2.69	0.00****
Native American	0.00	1.62	0.00***
Minority	0.00	27.19	0.00****
Nonminority female	0.00	11.48	0.00****
DBE total	0.00	38.68	0.00****
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.02	7.14	0.34****
DBE total	0.02	7.14	0.34****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	56.65	8.16	
DBE total	56.65	15.35	
Other Miscellaneous Store Retailers (NAICS 4539)			
African American	0.00	11.81	0.00****
Hispanic	0.00	3.65	0.00
Asian	0.00	4.95	0.00****
Native American	0.00	0.92	0.00
Minority	0.00	21.33	0.00****
Nonminority female	0.00	17.50	0.00****
DBE total	0.00	38.83	0.00****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	1.06	21.37	4.94****
DBE total	1.06	24.70	4.27****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.39	5.04	7.79****
Hispanic	0.00	3.33	0.00****
Asian	0.00	1.36	0.00****
Native American	0.00	0.22	0.00****
Minority	0.39	9.96	3.94****
Nonminority female	0.01	9.25	0.10****
DBE total	0.40	19.21	2.09****
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	12.46	0.00****
Hispanic	0.00	4.15	0.00****
Asian	0.00	5.60	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	23.10	0.00****
Nonminority female	0.00	15.77	0.00****
DBE total	0.00	38.87	0.00****
Employment Services (NAICS 5613)			
African American	48.01	9.20	
Hispanic	8.56	2.44	
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	56.58	15.00	
Nonminority female	30.51	12.27	
DBE total	87.09	27.27	
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	0.00	11.40	0.00****
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	15.35	0.00****
Nonminority female	54.82	20.48	
DBE total	54.82	35.83	
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	92.80	16.46	
DBE total	92.80	34.11	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing (NAICS 3252)			
African American	0.00	6.87	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.07	0.00
Minority	0.00	7.05	0.00****
Nonminority female	0.00	8.03	0.00****
DBE total	0.00	15.08	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.14	0.00****
Hispanic	0.00	0.00	
Asian	68.66	0.00	
Native American	0.00	0.00	
Minority	68.66	7.14	
Nonminority female	1.32	35.71	3.70****
DBE total	69.99	42.86	
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Direct Selling Establishments (NAICS 4543)			
African American	45.02	2.43	
Hispanic	0.00	0.82	0.00
Asian	0.00	0.83	0.00
Native American	0.00	0.01	0.00
Minority	45.02	4.08	
Nonminority female	46.94	8.60	
DBE total	91.96	12.68	
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.40	2.09	19.23
Asian	0.00	1.03	0.00**
Native American	0.00	0.05	0.00
Minority	0.40	5.53	7.27****
Nonminority female	66.37	29.31	
DBE total	66.77	34.84	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Waste Treatment and Disposal (NAICS 5622)			
African American	46.32	9.66	
Hispanic	0.00	3.05	0.00****
Asian	0.38	2.23	16.85
Native American	0.00	0.35	0.00
Minority	46.69	15.29	
Nonminority female	22.27	16.88	
DBE total	68.96	32.17	
Paint, Coating, and Adhesive Manufacturing (NAICS 3255)			
African American	0.00	10.39	0.00****
Hispanic	0.00	2.67	0.00
Asian	0.00	4.75	0.00****
Native American	0.00	0.78	0.00
Minority	0.00	18.60	0.00****
Nonminority female	0.00	19.87	0.00****
DBE total	0.00	38.47	0.00****
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	0.67	0.00***
Hispanic	0.00	0.03	0.00
Asian	0.00	3.05	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	3.75	0.00****
Nonminority female	2.46	3.52	69.96
DBE total	2.46	7.27	33.86
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.22	17.01	1.31****
Hispanic	0.00	3.19	0.00****
Asian	43.99	13.33	
Native American	0.00	1.24	0.00****
Minority	44.22	34.76	
Nonminority female	0.37	13.39	2.76****
DBE total	44.59	48.15	92.59
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	28.80	17.56	
DBE total	28.80	37.82	76.14

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	2.51	1.71	
Hispanic	0.00	0.61	0.00
Asian	0.00	0.79	0.00
Native American	0.00	0.12	0.00
Minority	2.51	3.24	77.58
Nonminority female	85.73	21.41	
DBE total	88.24	24.64	
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	86.22	13.33	
DBE total	86.22	13.33	
Other Nonmetallic Mineral Product Manufacturing (NAICS 3279)			
African American	0.00	11.71	0.00****
Hispanic	0.00	3.88	0.00****
Asian	0.00	6.88	0.00****
Native American	0.00	0.86	0.00
Minority	0.00	23.32	0.00****
Nonminority female	65.93	17.30	
DBE total	65.93	40.62	
Pulp, Paper, and Paperboard Mills (NAICS 3221)			
African American	0.00	16.29	0.00****
Hispanic	0.00	3.93	0.00****
Asian	0.00	5.25	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	26.21	0.00****
Nonminority female	0.00	14.19	0.00****
DBE total	0.00	40.40	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Navigation, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00**
Asian	0.00	0.89	0.00
Native American	0.00	0.04	0.00
Minority	0.00	2.91	0.00**
Nonminority female	21.00	0.92	
DBE total	21.00	3.84	
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00**
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00**
Minority	0.00	6.61	0.00****
Nonminority female	15.28	6.87	
DBE total	15.28	13.48	
Furniture & Home Furnishing Merchant Wholesalers (NAICS 4232)			
African American	0.00	13.94	0.00
Hispanic	0.00	3.66	0.00
Asian	0.00	5.26	0.00
Native American	0.00	0.98	0.00
Minority	0.00	23.83	0.00****
Nonminority female	2.83	18.45	15.35
DBE total	2.83	42.28	6.70****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	0.37	5.61	6.68****
Hispanic	0.00	2.14	0.00****
Asian	31.30	4.16	
Native American	0.00	2.37	0.00****
Minority	31.68	14.28	
Nonminority female	19.57	18.55	
DBE total	51.25	32.83	
Agencies, Brokerages, and Other Insurance Related Activities (NAICS 5242)			
African American	0.00	8.56	0.00****
Hispanic	0.00	0.75	0.00
Asian	0.00	1.35	0.00
Native American	0.00	0.07	0.00
Minority	0.00	10.73	0.00****
Nonminority female	10.40	14.61	71.22
DBE total	10.40	25.34	41.06*

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.5. Industry Group Utilization, Availability, and Disparity Results for MDOT AE-CRS Contracting—All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.44	7.16	48.03****
Hispanic	1.17	2.20	52.99
Asian	18.71	4.96	
Native American	0.01	1.37	0.57****
Minority	23.32	15.69	
Nonminority female	3.19	10.16	31.42****
DBE total	26.51	25.85	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	1.22	3.41	35.68
Native American	0.00	0.45	0.00****
Minority	1.22	14.61	8.32****
Nonminority female	0.00	10.28	0.00****
DBE total	1.22	24.89	4.88****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	13.72	9.14	
Hispanic	1.46	1.79	81.27
Asian	2.62	4.09	63.93
Native American	0.00	1.51	0.00****
Minority	17.80	16.54	
Nonminority female	57.37	15.40	
DBE total	75.16	31.94	
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00****
Asian	100.00	0.89	
Native American	0.00	0.04	0.00
Minority	100.00	2.91	
Nonminority female	0.00	0.92	0.00
DBE total	100.00	3.84	
Other Support Services (NAICS 5619)			
African American	22.18	18.71	
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	22.18	23.75	93.37
Nonminority female	47.80	28.54	
DBE total	69.98	52.30	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Community Food and Housing, and Emergency and Other Relief Services (NAICS 6242)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	100.00	9.09	
DBE total	100.00	9.09	
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	3.68	7.68	47.99
Hispanic	0.00	4.62	0.00****
Asian	0.00	1.70	0.00****
Native American	0.00	0.34	0.00
Minority	3.68	14.33	25.70
Nonminority female	96.32	26.75	
DBE total	100.00	41.08	
Scientific Research and Development Services (NAICS 5417)			
African American	0.00	4.59	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.12	0.00
Native American	0.00	0.41	0.00
Minority	0.00	6.13	0.00****
Nonminority female	78.84	6.95	
DBE total	78.84	13.08	
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	41.96	11.87	
DBE total	41.96	32.62	
Computer Systems Design and Related Services (NAICS 5415)			
African American	3.97	17.01	23.37****
Hispanic	0.00	3.19	0.00****
Asian	64.80	13.33	
Native American	18.90	1.24	
Minority	87.67	34.76	
Nonminority female	0.00	13.39	0.00****
DBE total	87.67	48.15	
Employment Services (NAICS 5613)			
African American	27.16	9.20	
Hispanic	0.00	2.44	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	27.16	15.00	
Nonminority female	72.84	12.27	
DBE total	100.00	27.27	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.6. Industry Group Utilization, Availability, and Disparity Results for MDOT AE-CRS Contracting—All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.24	7.19	45.11***
Hispanic	0.99	2.17	45.55
Asian	20.62	4.98	
Native American	0.00	1.37	0.02****
Minority	24.85	15.71	
Nonminority female	3.02	10.17	29.73****
DBE total	27.87	25.88	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.69	3.41	20.32
Native American	0.00	0.45	0.00***
Minority	0.69	14.61	4.74****
Nonminority female	0.00	10.28	0.00****
DBE total	0.69	24.89	2.78****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	16.24	9.46	
Hispanic	0.31	2.38	13.08*
Asian	2.61	4.39	59.49
Native American	0.00	1.48	0.00****
Minority	19.16	17.72	
Nonminority female	63.55	15.96	
DBE total	82.71	33.68	
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00**
Asian	100.00	0.89	
Native American	0.00	0.04	0.00
Minority	100.00	2.91	
Nonminority female	0.00	0.92	0.00
DBE total	100.00	3.84	
Community Food and Housing, and Emergency and Other Relief Services (NAICS 6242)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	100.00	9.09	
DBE total	100.00	9.09	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Support Services (NAICS 5619)			
African American	16.29	18.71	87.05
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	16.29	23.75	68.57
Nonminority female	50.34	28.54	
DBE total	66.63	52.30	
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.00	7.68	0.00****
Hispanic	0.00	4.62	0.00***
Asian	0.00	1.70	0.00
Native American	0.00	0.34	0.00
Minority	0.00	14.33	0.00****
Nonminority female	100.00	26.75	
DBE total	100.00	41.08	
Scientific Research and Development Services (NAICS 5417)			
African American	0.00	4.59	0.00
Hispanic	0.00	0.01	0.00
Asian	0.00	1.12	0.00
Native American	0.00	0.41	0.00
Minority	0.00	6.13	0.00
Nonminority female	87.65	6.95	
DBE total	87.65	13.08	
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	69.00	11.87	
DBE total	69.00	32.62	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.7. Industry Group Utilization, Availability, and Disparity Results for MDOT AE-CRS Contracting– Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	3.12	7.15	43.57****
Hispanic	1.24	2.21	56.32
Asian	19.51	4.96	
Native American	0.01	1.38	0.61****
Minority	23.88	15.69	
Nonminority female	3.21	10.14	31.64****
DBE total	27.09	25.83	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	1.22	3.41	35.68
Native American	0.00	0.45	0.00****
Minority	1.22	14.61	8.32****
Nonminority female	0.00	10.28	0.00****
DBE total	1.22	24.89	4.88****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	15.55	8.02	
Hispanic	1.66	1.84	90.20
Asian	2.81	4.14	67.80
Native American	0.00	1.77	0.00****
Minority	20.02	15.77	
Nonminority female	63.62	16.09	
DBE total	83.64	31.86	
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00****
Asian	100.00	0.89	
Native American	0.00	0.04	0.00
Minority	100.00	2.91	
Nonminority female	0.00	0.92	0.00
DBE total	100.00	3.84	
Other Support Services (NAICS 5619)			
African American	22.81	18.71	
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	22.81	23.75	96.05
Nonminority female	46.30	28.54	
DBE total	69.12	52.30	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Community Food and Housing, and Emergency and Other Relief Services (NAICS 6242)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	100.00	9.09	
DBE total	100.00	9.09	
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	3.68	7.68	47.99
Hispanic	0.00	4.62	0.00****
Asian	0.00	1.70	0.00****
Native American	0.00	0.34	0.00
Minority	3.68	14.33	25.70
Nonminority female	96.32	26.75	
DBE total	100.00	41.08	
Scientific Research and Development Services (NAICS 5417)			
African American	0.00	4.59	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.12	0.00
Native American	0.00	0.41	0.00
Minority	0.00	6.13	0.00****
Nonminority female	78.58	6.95	
DBE total	78.58	13.08	
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	41.96	11.87	
DBE total	41.96	32.62	
Computer Systems Design and Related Services (NAICS 5415)			
African American	4.00	17.01	23.50****
Hispanic	0.00	3.19	0.00****
Asian	65.18	13.33	
Native American	19.02	1.24	
Minority	88.19	34.76	
Nonminority female	0.00	13.39	0.00****
DBE total	88.19	48.15	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Employment Services (NAICS 5613)			
African American	27.16	9.20	
Hispanic	0.00	2.44	0.00****
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	27.16	15.00	
Nonminority female	72.84	12.27	
DBE total	100.00	27.27	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.8. Industry Group Utilization, Availability, and Disparity Results for MDOT AE-CRS Contracting– Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	2.89	7.17	40.29****
Hispanic	1.05	2.18	48.39
Asian	21.41	4.98	
Native American	0.00	1.38	0.02****
Minority	25.35	15.71	
Nonminority female	3.01	10.14	29.72****
DBE total	28.36	25.85	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.69	3.41	20.32
Native American	0.00	0.45	0.00***
Minority	0.69	14.61	4.74****
Nonminority female	0.00	10.28	0.00****
DBE total	0.69	24.89	2.78****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	18.32	9.09	
Hispanic	0.35	2.59	13.66*
Asian	2.74	4.63	59.17
Native American	0.00	1.64	0.00****
Minority	21.41	17.94	
Nonminority female	71.14	16.92	
DBE total	92.55	34.86	
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	0.34	0.00
Hispanic	0.00	1.66	0.00**
Asian	100.00	0.89	
Native American	0.00	0.04	0.00
Minority	100.00	2.91	
Nonminority female	0.00	0.92	0.00
DBE total	100.00	3.84	
Community Food and Housing, and Emergency and Other Relief Services (NAICS 6242)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	100.00	9.09	
DBE total	100.00	9.09	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Support Services (NAICS 5619)			
African American	16.73	18.71	89.42
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	16.73	23.75	70.44
Nonminority female	48.98	28.54	
DBE total	65.71	52.30	
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.00	7.68	0.00****
Hispanic	0.00	4.62	0.00***
Asian	0.00	1.70	0.00
Native American	0.00	0.34	0.00
Minority	0.00	14.33	0.00****
Nonminority female	100.00	26.75	
DBE total	100.00	41.08	
Scientific Research and Development Services (NAICS 5417)			
African American	0.00	4.59	0.00
Hispanic	0.00	0.01	0.00
Asian	0.00	1.12	0.00
Native American	0.00	0.41	0.00
Minority	0.00	6.13	0.00
Nonminority female	87.35	6.95	
DBE total	87.35	13.08	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.9. Industry Group Utilization, Availability, and Disparity Results for MDOT Maintenance Contracting--All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.56	0.00	
Asian	0.00	0.00	
Native American	0.19	0.00	
Minority	0.75	0.00	
Nonminority female	6.44	0.00	
DBE total	7.18	0.00	
Building Equipment Contractors (NAICS 2382)			
African American	18.77	11.84	
Hispanic	2.11	3.39	62.44
Asian	0.00	0.87	0.00****
Native American	0.00	0.50	0.00****
Minority	20.89	16.60	
Nonminority female	7.80	13.35	58.39*
DBE total	28.68	29.95	95.78
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.88	13.59	6.50****
Hispanic	2.97	3.09	96.29
Asian	4.66	3.70	
Native American	0.00	0.38	0.00****
Minority	8.51	20.75	41.02****
Nonminority female	17.46	11.87	
DBE total	25.97	32.62	79.61***
Investigation and Security Services (NAICS 5616)			
African American	16.17	20.56	78.66
Hispanic	0.00	1.87	0.00****
Asian	0.00	3.34	0.00****
Native American	0.00	1.49	0.00****
Minority	16.17	27.26	59.33
Nonminority female	15.03	11.55	
DBE total	31.20	38.81	80.38
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.57	6.45	8.86****
Hispanic	0.04	1.86	2.37****
Asian	0.00	3.30	0.00****
Native American	0.00	3.93	0.00****
Minority	0.61	15.53	3.96****
Nonminority female	25.28	11.27	
DBE total	25.90	26.80	96.64

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Interurban and Rural Bus Transportation (NAICS 4852)			
African American	0.00	20.62	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	20.62	0.00****
Nonminority female	0.00	14.38	0.00****
DBE total	0.00	35.00	0.00****
Services to Buildings and Dwellings (NAICS 5617)			
African American	13.05	17.40	75.02
Hispanic	1.93	3.76	51.29
Asian	0.00	2.73	0.00****
Native American	0.00	1.96	0.00****
Minority	14.98	25.85	57.95***
Nonminority female	8.06	11.29	71.38
DBE total	23.04	37.14	62.04****
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	0.00	16.46	0.00****
DBE total	0.00	34.11	0.00****
Support Activities for Rail Transportation (NAICS 4882)			
African American	0.00	18.21	0.00****
Hispanic	0.00	12.34	0.00****
Asian	0.00	3.80	0.00****
Native American	0.00	2.17	0.00****
Minority	0.00	36.52	0.00****
Nonminority female	1.00	13.75	7.28
DBE total	1.00	50.27	1.99****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.43	3.41	12.48
Native American	0.00	0.45	0.00****
Minority	0.43	14.61	2.91****
Nonminority female	95.19	10.28	
DBE total	95.61	24.89	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.46	0.00****
Hispanic	0.00	0.28	0.00****
Asian	0.00	1.64	0.00****
Native American	0.00	1.16	0.00****
Minority	0.00	7.54	0.00****
Nonminority female	0.24	8.28	2.95****
DBE total	0.24	15.83	1.55****
Facilities Support Services (NAICS 5612)			
African American	0.00	26.39	0.00****
Hispanic	0.00	3.77	0.00
Asian	0.00	2.52	0.00
Native American	0.00	1.15	0.00
Minority	0.00	33.83	0.00****
Nonminority female	0.00	9.10	0.00****
DBE total	0.00	42.92	0.00****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.35	6.75	5.19****
Hispanic	0.09	2.06	4.13****
Asian	9.91	5.33	
Native American	0.00	1.57	0.00****
Minority	10.35	15.71	65.86***
Nonminority female	7.02	9.40	74.75
DBE total	17.37	25.11	69.19****
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00****
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00****
DBE total	0.00	63.02	0.00****
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00****
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00****
Minority	0.00	6.61	0.00****
Nonminority female	0.29	6.87	4.26
DBE total	0.29	13.48	2.17****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Nonresidential Building Construction (NAICS 2362)			
African American	0.41	12.17	3.38****
Hispanic	1.37	6.74	20.27
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	1.78	25.46	6.98****
Nonminority female	0.00	10.01	0.00****
DBE total	1.78	35.47	5.01****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	5.10	8.81	57.88***
Hispanic	68.73	10.61	
Asian	0.00	2.03	0.00****
Native American	0.00	0.42	0.00****
Minority	73.83	21.86	
Nonminority female	0.93	8.60	10.82****
DBE total	74.76	30.46	
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	1.78	0.00****
Hispanic	0.00	3.65	0.00****
Asian	0.00	2.27	0.00****
Native American	0.00	1.22	0.00****
Minority	0.00	8.91	0.00****
Nonminority female	0.30	6.99	4.32****
DBE total	0.30	15.91	1.90****
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	6.83	0.00****
Hispanic	0.00	1.51	0.00****
Asian	0.00	4.53	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.89	0.00****
Nonminority female	0.00	6.29	0.00****
DBE total	0.00	19.17	0.00****
Direct Selling Establishments (NAICS 4543)			
African American	97.94	2.43	
Hispanic	0.00	0.82	0.00****
Asian	0.00	0.83	0.00****
Native American	0.00	0.01	0.00
Minority	97.94	4.08	
Nonminority female	1.35	8.60	15.67
DBE total	99.29	12.68	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance (NAICS 8113)			
African American	0.00	5.95	0.00****
Hispanic	0.00	2.11	0.00
Asian	0.00	0.41	0.00
Native American	0.00	0.01	0.00
Minority	0.00	8.48	0.00****
Nonminority female	0.00	3.20	0.00****
DBE total	0.00	11.68	0.00****
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00****
Hispanic	0.00	2.71	0.00****
Asian	0.00	2.96	0.00****
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.06	0.00	
DBE total	0.06	0.00	
Traveler Accommodation (NAICS 7211)			
African American	0.00	0.13	0.00
Hispanic	0.00	1.43	0.00
Asian	0.77	10.56	7.27
Native American	0.00	3.60	0.00****
Minority	0.77	15.72	4.89
Nonminority female	0.77	9.94	7.73
DBE total	1.54	25.65	5.99*
Waste Collection (NAICS 5621)			
African American	94.30	23.81	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	3.14	0.00****
Minority	94.30	26.96	
Nonminority female	0.00	7.25	0.00****
DBE total	94.30	34.21	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Specialized Freight Trucking (NAICS 4842)			
African American	96.66	24.84	
Hispanic	1.18	7.48	15.80****
Asian	0.00	1.87	0.00****
Native American	0.00	0.12	0.00****
Minority	97.84	34.32	
Nonminority female	0.18	11.65	1.59****
DBE total	98.03	45.97	
Employment Services (NAICS 5613)			
African American	57.77	11.43	
Hispanic	0.00	2.41	0.00****
Asian	0.00	4.22	0.00****
Native American	0.00	0.20	0.00
Minority	57.77	18.26	
Nonminority female	14.26	13.90	
DBE total	72.02	32.16	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	5.01	0.00****
Hispanic	0.00	1.55	0.00****
Asian	2.00	1.02	
Native American	0.00	1.63	0.00****
Minority	2.00	9.20	21.69****
Nonminority female	48.72	11.28	
DBE total	50.72	20.48	
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	2.69	0.00****
Hispanic	0.00	0.16	0.00****
Asian	0.00	1.05	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	3.92	0.00****
Nonminority female	4.00	9.95	40.23***
DBE total	4.00	13.86	28.86****
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	93.53	17.56	
DBE total	93.53	37.82	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.57	0.00****
Hispanic	0.00	0.19	0.00
Asian	92.39	0.77	
Native American	0.00	0.11	0.00
Minority	92.39	8.65	
Nonminority female	0.00	32.42	0.00****
DBE total	92.39	41.07	
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	0.10	5.61	1.79****
Hispanic	88.04	2.14	
Asian	0.00	4.16	0.00****
Native American	0.00	2.37	0.00****
Minority	88.14	14.28	
Nonminority female	0.00	18.55	0.00****
DBE total	88.14	32.83	
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	3.50	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.06	0.00
Native American	0.00	0.83	0.00****
Minority	0.00	4.44	0.00****
Nonminority female	6.43	12.79	50.26*
DBE total	6.43	17.23	37.32****
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.01	10.28	0.06****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.01	17.55	0.03****
Nonminority female	0.41	18.00	2.26****
DBE total	0.41	35.55	1.16****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.00	21.37	0.00****
DBE total	0.00	24.70	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	1.29	0.00****
Hispanic	0.00	0.00	
Asian	0.00	2.80	0.00****
Native American	0.00	0.00	
Minority	0.00	4.10	0.00****
Nonminority female	0.57	4.13	13.71*
DBE total	0.57	8.23	6.89****
Chemical and Allied Products Merchant Wholesalers (NAICS 4246)			
African American	97.20	6.23	
Hispanic	0.00	4.13	0.00****
Asian	0.00	7.07	0.00****
Native American	0.00	1.19	0.00****
Minority	97.20	18.62	
Nonminority female	0.00	6.46	0.00****
DBE total	97.20	25.08	
Utility System Construction (NAICS 2371)			
African American	0.00	9.16	0.00****
Hispanic	0.00	1.81	0.00****
Asian	0.00	2.38	0.00****
Native American	0.00	1.15	0.00****
Minority	0.00	14.49	0.00****
Nonminority female	50.02	10.41	
DBE total	50.02	24.90	
Automotive Repair and Maintenance (NAICS 8111)			
African American	0.35	8.22	4.32****
Hispanic	0.00	3.96	0.00****
Asian	0.00	9.00	0.00****
Native American	0.00	0.18	0.00
Minority	0.35	21.36	1.66****
Nonminority female	0.00	11.62	0.00****
DBE total	0.35	32.98	1.08****
Computer Systems Design and Related Services (NAICS 5415)			
African American	11.86	15.51	76.45
Hispanic	48.47	3.85	
Asian	0.00	15.22	0.00****
Native American	0.00	1.32	0.00****
Minority	60.33	35.91	
Nonminority female	0.00	12.60	0.00****
DBE total	60.33	48.51	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	6.12	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.23	0.00
Native American	0.00	3.52	0.00****
Minority	0.00	9.99	0.00****
Nonminority female	9.55	17.36	55.05*
DBE total	9.55	27.34	34.94****
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	6.03	0.00****
Hispanic	0.14	3.42	3.99****
Asian	0.00	1.93	0.00****
Native American	0.00	0.32	0.00****
Minority	0.14	11.70	1.17****
Nonminority female	0.09	10.31	0.89****
DBE total	0.23	22.00	1.04****
Aerospace Product and Parts Manufacturing (NAICS 3364)			
African American	0.00	0.00	
Hispanic	0.00	4.35	0.00
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	4.35	0.00
Nonminority female	0.00	19.13	0.00****
DBE total	0.00	23.48	0.00****
Building Material and Supplies Dealers (NAICS 4441)			
African American	0.00	6.65	0.00****
Hispanic	0.00	2.08	0.00****
Asian	0.00	2.84	0.00****
Native American	0.00	0.52	0.00****
Minority	0.00	12.10	0.00****
Nonminority female	0.00	10.06	0.00****
DBE total	0.00	22.16	0.00****
Support Activities for Air Transportation (NAICS 4881)			
African American	0.00	18.32	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	2.91	0.00
Native American	0.00	0.13	0.00
Minority	0.00	23.27	0.00****
Nonminority female	0.00	2.42	0.00
DBE total	0.00	25.69	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Waste Treatment and Disposal (NAICS 5622)			
African American	0.00	8.77	0.00****
Hispanic	0.00	2.81	0.00****
Asian	0.00	0.97	0.00****
Native American	0.00	0.00	
Minority	0.00	12.54	0.00****
Nonminority female	9.63	22.25	43.27
DBE total	9.63	34.80	27.67****
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00****
DBE total	0.00	2.74	0.00****
Freight Transportation Arrangement (NAICS 4885)			
African American	0.00	17.82	0.00****
Hispanic	0.00	4.09	0.00
Asian	0.00	7.34	0.00
Native American	0.00	0.18	0.00
Minority	0.00	29.44	0.00****
Nonminority female	0.00	11.67	0.00
DBE total	0.00	41.11	0.00****
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.95	0.00****
Hispanic	22.54	0.05	
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	22.54	3.08	
Nonminority female	1.59	0.19	
DBE total	24.12	3.27	
Remediation and Other Waste Management Services (NAICS 5629)			
African American	0.00	5.14	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	0.10	0.00
Native American	0.00	0.10	0.00
Minority	0.00	5.39	0.00****
Nonminority female	0.17	2.22	7.83
DBE total	0.17	7.61	2.29****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing (NAICS 3334)			
African American	0.00	7.82	0.00****
Hispanic	0.00	0.81	0.00
Asian	0.00	3.77	0.00
Native American	0.00	0.00	
Minority	0.00	12.40	0.00****
Nonminority female	0.00	13.48	0.00****
DBE total	0.00	25.88	0.00****
Electric Power Generation, Transmission and Distribution (NAICS 2211)			
African American	0.00	1.22	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.80	0.00****
Native American	0.00	1.11	0.00****
Minority	0.00	4.14	0.00****
Nonminority female	0.00	8.17	0.00****
DBE total	0.00	12.31	0.00****
Nondepository Credit Intermediation (NAICS 5222)			
African American	0.00	13.11	0.00****
Hispanic	92.23	4.26	
Asian	0.00	4.43	0.00
Native American	0.00	0.76	0.00
Minority	92.23	22.56	
Nonminority female	0.00	14.47	0.00****
DBE total	92.23	37.03	
Other Transit and Ground Passenger Transportation (NAICS 4859)			
African American	0.00	29.55	0.00****
Hispanic	0.00	4.35	0.00****
Asian	0.00	3.85	0.00****
Native American	0.00	0.80	0.00
Minority	0.00	38.55	0.00****
Nonminority female	0.00	14.10	0.00****
DBE total	0.00	52.65	0.00****
Activities Related to Real Estate (NAICS 5313)			
African American	0.00	11.69	0.00****
Hispanic	0.00	4.81	0.00
Asian	0.00	1.66	0.00
Native American	0.00	0.01	0.00
Minority	0.00	18.18	0.00****
Nonminority female	0.00	20.62	0.00****
DBE total	0.00	38.79	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Building Finishing Contractors (NAICS 2383)			
African American	0.00	5.23	0.00****
Hispanic	9.70	22.89	42.37***
Asian	0.00	3.19	0.00****
Native American	0.00	0.04	0.00
Minority	9.70	31.35	30.93****
Nonminority female	29.55	13.09	
DBE total	39.25	44.45	88.29

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.10. Industry Group Utilization, Availability, and Disparity Results for MDOT Maintenance Contracting—All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Investigation and Security Services (NAICS 5616)			
African American	17.45	20.84	83.72
Hispanic	0.00	2.04	0.00***
Asian	0.00	2.69	0.00****
Native American	0.00	1.62	0.00***
Minority	17.45	27.19	64.17
Nonminority female	10.48	11.48	91.27
DBE total	27.93	38.68	72.22
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.05	13.59	0.34****
Hispanic	1.84	3.09	59.59
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	1.89	20.75	9.09****
Nonminority female	8.96	11.87	75.46
DBE total	10.85	32.62	33.24****
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00**
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00**
Minority	0.00	6.61	0.00****
Nonminority female	0.00	6.87	0.00****
DBE total	0.00	13.48	0.00****
Services to Buildings and Dwellings (NAICS 5617)			
African American	4.61	17.48	26.40****
Hispanic	0.03	4.14	0.69****
Asian	0.00	2.78	0.00****
Native American	0.00	1.71	0.00****
Minority	4.64	26.12	17.78****
Nonminority female	11.12	11.15	99.66
DBE total	15.76	37.27	42.29****
Nonresidential Building Construction (NAICS 2362)			
African American	0.00	12.17	0.00****
Hispanic	0.00	6.74	0.00****
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	0.00	25.46	0.00****
Nonminority female	0.00	10.01	0.00****
DBE total	0.00	35.47	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	1.76	0.00****
Hispanic	0.00	3.64	0.00****
Asian	0.00	2.28	0.00****
Native American	0.00	1.22	0.00****
Minority	0.00	8.90	0.00****
Nonminority female	0.00	6.99	0.00****
DBE total	0.00	15.88	0.00****
Building Equipment Contractors (NAICS 2382)			
African American	4.57	10.70	42.70***
Hispanic	6.18	5.57	
Asian	0.00	1.62	0.00****
Native American	0.00	0.91	0.00****
Minority	10.75	18.80	57.21**
Nonminority female	46.82	12.52	
DBE total	57.58	31.31	
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	6.30	8.33	75.57
Hispanic	63.61	10.10	
Asian	0.00	1.95	0.00****
Native American	0.00	0.52	0.00****
Minority	69.90	20.90	
Nonminority female	1.08	8.82	12.30****
DBE total	70.99	29.72	
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00**
Hispanic	0.00	2.71	0.00**
Asian	0.00	2.96	0.00**
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00***
Minority	0.00	14.61	0.00****
Nonminority female	83.47	10.28	
DBE total	83.47	24.89	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Specialty Trade Contractors (NAICS 2389)			
African American	2.89	6.89	41.99*
Hispanic	0.11	5.31	2.12****
Asian	0.00	3.79	0.00****
Native American	0.00	2.64	0.00****
Minority	3.01	18.62	16.14****
Nonminority female	0.17	11.71	1.43****
DBE total	3.17	30.34	10.46****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	7.60	0.00****
Hispanic	0.00	0.21	0.00
Asian	92.09	0.83	
Native American	0.00	0.12	0.00
Minority	92.09	8.76	
Nonminority female	0.00	32.17	0.00****
DBE total	92.09	40.93	
Employment Services (NAICS 5613)			
African American	48.13	11.84	
Hispanic	0.00	2.41	0.00****
Asian	0.00	4.38	0.00****
Native American	0.00	0.23	0.00
Minority	48.13	18.86	
Nonminority female	18.92	14.20	
DBE total	67.06	33.07	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	4.85	0.00****
Hispanic	0.00	1.74	0.00****
Asian	0.48	1.15	41.68
Native American	0.00	1.29	0.00****
Minority	0.48	9.03	5.33****
Nonminority female	56.36	11.68	
DBE total	56.85	20.71	
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.00	21.37	0.00****
DBE total	0.00	24.70	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.00	7.18	0.00****
Hispanic	0.00	2.17	0.00****
Asian	2.16	5.06	42.68**
Native American	0.00	1.41	0.00****
Minority	2.16	15.82	13.65****
Nonminority female	23.22	10.00	
DBE total	25.38	25.82	98.30
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	17.26	0.00****
Hispanic	72.21	3.06	
Asian	0.00	14.25	0.00****
Native American	0.00	1.09	0.00****
Minority	72.21	35.66	
Nonminority female	0.00	12.15	0.00****
DBE total	72.21	47.81	
Automotive Repair and Maintenance (NAICS 8111)			
African American	0.63	6.39	9.93*
Hispanic	0.00	2.50	0.00****
Asian	0.00	10.64	0.00****
Native American	0.00	0.10	0.00
Minority	0.63	19.63	3.23****
Nonminority female	0.00	12.76	0.00****
DBE total	0.63	32.40	1.96****
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	3.15	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.06	0.00
Native American	0.00	0.91	0.00****
Minority	0.00	4.16	0.00****
Nonminority female	2.99	12.48	23.98****
DBE total	2.99	16.64	17.99****
Building Material and Supplies Dealers (NAICS 4441)			
African American	0.00	5.63	0.00****
Hispanic	0.00	1.69	0.00****
Asian	0.00	2.30	0.00****
Native American	0.00	0.42	0.00
Minority	0.00	10.04	0.00****
Nonminority female	0.00	10.58	0.00****
DBE total	0.00	20.62	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.01	10.28	0.13****
Hispanic	0.00	0.06	0.00
Asian	0.00	7.17	0.00****
Native American	0.00	0.04	0.00
Minority	0.01	17.55	0.07****
Nonminority female	0.36	18.00	2.00****
DBE total	0.37	35.55	1.05****
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.01	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	1.34	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	4.41	0.00****
Nonminority female	0.00	9.06	0.00****
DBE total	0.00	13.47	0.00****
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	4.96	0.00****
Hispanic	0.00	3.32	0.00****
Asian	0.00	1.32	0.00****
Native American	0.00	0.22	0.00****
Minority	0.00	9.82	0.00****
Nonminority female	0.00	9.16	0.00****
DBE total	0.00	18.98	0.00****
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00
DBE total	0.00	2.74	0.00****
Building Finishing Contractors (NAICS 2383)			
African American	0.00	4.45	0.00****
Hispanic	8.67	17.17	50.52
Asian	0.00	2.67	0.00****
Native American	0.00	0.05	0.00
Minority	8.67	24.34	35.64***
Nonminority female	29.89	13.62	
DBE total	38.56	37.96	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing (NAICS 3334)			
African American	0.00	7.82	0.00****
Hispanic	0.00	0.81	0.00
Asian	0.00	3.77	0.00
Native American	0.00	0.00	
Minority	0.00	12.40	0.00****
Nonminority female	0.00	13.48	0.00****
DBE total	0.00	25.88	0.00****
Electric Power Generation, Transmission and Distribution (NAICS 2211)			
African American	0.00	1.22	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.80	0.00****
Native American	0.00	1.11	0.00
Minority	0.00	4.14	0.00****
Nonminority female	0.00	8.17	0.00****
DBE total	0.00	12.31	0.00****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	0.00	8.16	0.00****
DBE total	0.00	15.35	0.00****
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.95	0.00****
Hispanic	8.52	0.05	
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	8.52	3.08	
Nonminority female	0.00	0.19	0.00****
DBE total	8.52	3.27	
Glass and Glass Product Manufacturing (NAICS 3272)			
African American	0.00	12.34	0.00****
Hispanic	0.00	4.39	0.00****
Asian	0.00	4.63	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	22.26	0.00****
Nonminority female	0.00	17.86	0.00****
DBE total	0.00	40.12	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.00	0.90	0.00***
Hispanic	0.00	0.02	0.00
Asian	0.00	2.96	0.00****
Native American	0.00	0.00	0.00
Minority	0.00	3.88	0.00****
Nonminority female	0.12	3.75	3.18****
DBE total	0.12	7.63	1.56****
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.00	8.55	0.00****
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	14.44	0.00****
Nonminority female	0.00	11.32	0.00****
DBE total	0.00	25.76	0.00****
Utility System Construction (NAICS 2371)			
African American	0.00	9.16	0.00****
Hispanic	0.00	1.81	0.00****
Asian	0.00	2.38	0.00****
Native American	0.00	1.15	0.00***
Minority	0.00	14.49	0.00****
Nonminority female	0.00	10.41	0.00****
DBE total	0.00	24.90	0.00****
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	0.00	17.56	0.00****
DBE total	0.00	37.82	0.00****
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	0.00	11.40	0.00****
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	15.35	0.00****
Nonminority female	0.00	20.48	0.00****
DBE total	0.00	35.83	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Boiler, Tank, and Shipping Container Manufacturing (NAICS 3324)			
African American	0.00	8.61	0.00
Hispanic	0.00	3.07	0.00
Asian	0.00	4.00	0.00
Native American	0.00	0.61	0.00
Minority	0.00	16.29	0.00
Nonminority female	0.00	11.37	0.00
DBE total	0.00	27.66	0.00
Waste Collection (NAICS 5621)			
African American	0.00	23.81	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	3.14	0.00***
Minority	0.00	26.96	0.00****
Nonminority female	0.00	7.25	0.00****
DBE total	0.00	34.21	0.00****
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	23.75	0.00****
Nonminority female	7.45	28.54	26.09****
DBE total	7.45	52.30	14.24****
Plastics Product Manufacturing (NAICS 3261)			
African American	0.00	4.34	0.00****
Hispanic	0.00	0.78	0.00
Asian	0.00	3.74	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	8.92	0.00****
Nonminority female	67.67	8.69	
DBE total	67.67	17.62	
Specialized Freight Trucking (NAICS 4842)			
African American	19.90	24.84	80.12
Hispanic	3.04	7.48	40.60
Asian	0.00	1.87	0.00****
Native American	0.00	0.12	0.00****
Minority	22.94	34.32	66.85*
Nonminority female	0.00	11.65	0.00****
DBE total	22.94	45.97	49.91****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Local Messengers and Local Delivery (NAICS 4922)			
African American	0.00	13.55	0.00****
Hispanic	0.00	3.26	0.00
Asian	100.00	4.98	
Native American	0.00	0.78	0.00
Minority	100.00	22.57	
Nonminority female	0.00	15.17	0.00****
DBE total	100.00	37.75	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.11. Industry Group Utilization, Availability, and Disparity Results for MDOT Maintenance Contracting–Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	1.31	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	1.31	0.00	
Nonminority female	12.47	0.00	
DBE total	13.78	0.00	
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	0.11	8.16	1.29****
DBE total	0.11	15.35	0.69****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.00	7.18	0.00****
Hispanic	0.00	2.17	0.00****
Asian	0.03	5.06	0.62****
Native American	0.00	1.41	0.00****
Minority	0.03	15.82	0.20****
Nonminority female	0.02	10.00	0.16****
DBE total	0.05	25.82	0.18****
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	1.76	0.00****
Hispanic	0.00	3.64	0.00****
Asian	0.00	2.28	0.00****
Native American	0.00	1.22	0.00****
Minority	0.00	8.90	0.00****
Nonminority female	0.00	6.99	0.00****
DBE total	0.00	15.88	0.00****
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00****
Hispanic	0.00	2.71	0.00****
Asian	0.00	2.96	0.00****
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Building Equipment Contractors (NAICS 2382)			
African American	0.00	13.07	0.00****
Hispanic	8.41	6.81	
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	8.41	22.90	36.71****
Nonminority female	0.00	12.66	0.00****
DBE total	8.41	35.56	23.64****
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance (NAICS 8113)			
African American	0.00	5.95	0.00****
Hispanic	0.00	2.11	0.00
Asian	0.00	0.41	0.00
Native American	0.00	0.01	0.00
Minority	0.00	8.48	0.00****
Nonminority female	0.00	3.20	0.00****
DBE total	0.00	11.68	0.00****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.00	21.37	0.00****
DBE total	0.00	24.70	0.00****
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	5.03	11.87	42.33****
DBE total	5.03	32.62	15.41****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	17.01	0.00****
Hispanic	82.43	3.19	
Asian	0.00	13.33	0.00****
Native American	0.00	1.24	0.00****
Minority	82.43	34.76	
Nonminority female	0.00	13.39	0.00****
DBE total	82.43	48.15	
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	1.64	0.00****
Hispanic	0.00	0.53	0.00****
Asian	0.00	0.05	0.00
Native American	0.00	0.03	0.00
Minority	0.00	2.25	0.00****
Nonminority female	2.50	12.94	19.31****
DBE total	2.50	15.18	16.45****
Automotive Repair and Maintenance (NAICS 8111)			
African American	2.09	6.39	32.76
Hispanic	0.00	2.50	0.00****
Asian	0.00	10.64	0.00****
Native American	0.00	0.10	0.00
Minority	2.09	19.63	10.66****
Nonminority female	0.00	12.76	0.00****
DBE total	2.09	32.40	6.46****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	0.00	10.17	0.00****
Hispanic	100.00	11.71	
Asian	0.00	2.14	0.00****
Native American	0.00	0.06	0.00****
Minority	100.00	24.08	
Nonminority female	0.00	7.75	0.00****
DBE total	100.00	31.84	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.12. Industry Group Utilization, Availability, and Disparity Results for MDOT Maintenance Contracting–Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	1.76	0.00****
Hispanic	0.00	3.64	0.00****
Asian	0.00	2.28	0.00****
Native American	0.00	1.22	0.00****
Minority	0.00	8.90	0.00****
Nonminority female	0.00	6.99	0.00****
DBE total	0.00	15.88	0.00****
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00**
Hispanic	0.00	2.71	0.00**
Asian	0.00	2.96	0.00**
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Lawn and Garden Equipment and Supplies Stores (NAICS 4442)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.04	0.00
Asian	0.00	0.83	0.00
Native American	0.00	2.27	0.00****
Minority	0.00	3.34	0.00****
Nonminority female	0.00	21.37	0.00****
DBE total	0.00	24.70	0.00****
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	17.94	0.00****
Hispanic	82.43	2.75	
Asian	0.00	13.57	0.00****
Native American	0.00	1.03	0.00****
Minority	82.43	35.29	
Nonminority female	0.00	12.32	0.00****
DBE total	82.43	47.60	
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.00	7.18	0.00****
Hispanic	0.00	2.17	0.00****
Asian	0.00	5.06	0.00****
Native American	0.00	1.41	0.00****
Minority	0.00	15.82	0.00****
Nonminority female	0.00	10.00	0.00****
DBE total	0.00	25.82	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	0.00	11.87	0.00****
DBE total	0.00	32.62	0.00****
Building Equipment Contractors (NAICS 2382)			
African American	0.00	13.07	0.00****
Hispanic	100.00	6.81	
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	100.00	22.90	
Nonminority female	0.00	12.66	0.00****
DBE total	100.00	35.56	
Automotive Repair and Maintenance (NAICS 8111)			
African American	2.09	6.39	32.78
Hispanic	0.00	2.50	0.00****
Asian	0.00	10.64	0.00****
Native American	0.00	0.10	0.00
Minority	2.09	19.63	10.67****
Nonminority female	0.00	12.76	0.00****
DBE total	2.09	32.40	6.47****
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.01	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	1.34	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	4.41	0.00****
Nonminority female	0.00	9.06	0.00****
DBE total	0.00	13.47	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	10.62	0.00****
Hispanic	0.00	1.59	0.00****
Asian	0.00	6.32	0.00****
Native American	0.00	0.91	0.00****
Minority	0.00	19.44	0.00****
Nonminority female	0.00	8.78	0.00****
DBE total	0.00	28.22	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.13. Industry Group Utilization, Availability, and Disparity Results for MDOT IT Contracting--All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	3.09	14.99	20.59****
Hispanic	6.92	4.08	
Asian	35.94	15.91	
Native American	0.00	1.34	0.00****
Minority	45.95	36.33	
Nonminority female	9.80	12.29	79.74
DBE total	55.75	48.62	
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.05	0.00****
Hispanic	0.00	4.19	0.00****
Asian	0.00	4.58	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.83	0.00****
Nonminority female	0.00	10.08	0.00****
DBE total	0.00	22.92	0.00****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	4.04	7.29	55.33***
Hispanic	8.24	2.12	
Asian	0.00	5.00	0.00****
Native American	0.00	1.35	0.00****
Minority	12.28	15.77	77.84
Nonminority female	9.16	10.31	88.88
DBE total	21.44	26.08	82.21
Software Publishers (NAICS 5112)			
African American	0.00	11.92	0.00****
Hispanic	0.00	3.54	0.00****
Asian	10.62	8.00	
Native American	0.00	0.28	0.00
Minority	10.62	23.74	44.71
Nonminority female	0.00	13.22	0.00****
DBE total	10.62	36.96	28.72***
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	2.49	10.23	24.31****
Hispanic	0.00	1.41	0.00****
Asian	60.77	5.60	
Native American	0.00	0.81	0.00****
Minority	63.26	18.05	
Nonminority female	21.74	11.82	
DBE total	85.00	29.87	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	6.97	0.00****
Hispanic	0.00	1.03	0.00****
Asian	0.00	4.75	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.77	0.00****
Nonminority female	0.00	5.59	0.00****
DBE total	0.00	18.36	0.00****
Employment Services (NAICS 5613)			
African American	0.00	10.07	0.00****
Hispanic	0.00	2.43	0.00****
Asian	38.07	3.67	
Native American	0.00	0.09	0.00
Minority	38.07	16.27	
Nonminority female	51.29	12.91	
DBE total	89.36	29.17	
Printing and Related Support Activities (NAICS 3231)			
African American	97.56	4.82	
Hispanic	0.00	1.60	0.00****
Asian	0.00	5.27	0.00****
Native American	0.00	0.98	0.00
Minority	97.56	12.67	
Nonminority female	0.00	17.92	0.00****
DBE total	97.56	30.59	
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	75.88	13.80	
Hispanic	0.00	1.17	0.00****
Asian	21.90	3.17	
Native American	0.00	0.18	0.00****
Minority	97.78	18.31	
Nonminority female	0.00	10.03	0.00****
DBE total	97.78	28.34	
Building Equipment Contractors (NAICS 2382)			
African American	0.00	13.07	0.00****
Hispanic	0.00	6.81	0.00****
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	0.00	22.90	0.00****
Nonminority female	0.00	12.66	0.00****
DBE total	0.00	35.56	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	100.00	1.99	
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	100.00	14.61	
Nonminority female	0.00	10.28	0.00****
DBE total	100.00	24.89	
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	6.12	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.23	0.00
Native American	0.00	3.52	0.00****
Minority	0.00	9.99	0.00****
Nonminority female	0.00	17.36	0.00****
DBE total	0.00	27.34	0.00****
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	0.00	9.50	0.00****
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00****
Minority	0.00	17.74	0.00****
Nonminority female	0.00	12.18	0.00****
DBE total	0.00	29.92	0.00****
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.70	0.00****
Hispanic	0.00	3.59	0.00****
Asian	0.00	6.17	0.00****
Native American	0.00	0.95	0.00
Minority	0.00	24.42	0.00****
Nonminority female	0.00	16.54	0.00****
DBE total	0.00	40.96	0.00****
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Electronics and Appliance Stores (NAICS 4431)			
African American	0.00	10.01	0.00****
Hispanic	0.00	0.31	0.00
Asian	0.00	3.00	0.00****
Native American	0.00	0.29	0.00
Minority	0.00	13.62	0.00****
Nonminority female	84.14	15.37	
DBE total	84.14	28.99	
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.00	2.09	0.00****
Asian	0.00	1.03	0.00****
Native American	0.00	0.05	0.00
Minority	0.00	5.53	0.00****
Nonminority female	0.00	29.31	0.00****
DBE total	0.00	34.84	0.00****
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.00	7.40	0.00****
Hispanic	0.00	9.29	0.00****
Asian	0.00	4.35	0.00****
Native American	0.00	1.15	0.00****
Minority	0.00	22.20	0.00****
Nonminority female	100.00	12.23	
DBE total	100.00	34.42	
Utility System Construction (NAICS 2371)			
African American	0.00	10.23	0.00****
Hispanic	0.00	2.27	0.00****
Asian	0.00	2.41	0.00****
Native American	0.00	0.51	0.00****
Minority	0.00	15.41	0.00****
Nonminority female	0.00	8.48	0.00****
DBE total	0.00	23.89	0.00****
Electronic and Precision Equipment Repair and Maintenance (NAICS 8112)			
African American	69.25	17.51	
Hispanic	0.00	4.11	0.00****
Asian	0.00	6.39	0.00****
Native American	0.00	0.97	0.00
Minority	69.25	28.98	
Nonminority female	0.00	16.15	0.00****
DBE total	69.25	45.13	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.14. Industry Group Utilization, Availability, and Disparity Results for MDOT IT Contracting--All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	5.32	16.39	32.46**
Hispanic	5.69	3.46	
Asian	10.40	14.19	73.25
Native American	0.00	1.26	0.00****
Minority	21.40	35.30	60.63
Nonminority female	1.08	12.98	8.32****
DBE total	22.48	48.28	46.57***
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	3.35	10.13	33.13***
Hispanic	0.00	1.36	0.00****
Asian	54.21	5.41	
Native American	0.00	0.78	0.00***
Minority	57.57	17.68	
Nonminority female	29.31	12.63	
DBE total	86.88	30.31	
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	6.97	0.00****
Hispanic	0.00	1.03	0.00****
Asian	0.00	4.75	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.77	0.00****
Nonminority female	0.00	5.59	0.00****
DBE total	0.00	18.36	0.00****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	9.07	7.45	
Hispanic	24.93	2.06	
Asian	0.00	4.92	0.00****
Native American	0.00	1.28	0.00****
Minority	34.00	15.70	
Nonminority female	27.12	10.75	
DBE total	61.12	26.45	
Software Publishers (NAICS 5112)			
African American	0.00	11.92	0.00****
Hispanic	0.00	3.54	0.00****
Asian	10.64	8.00	
Native American	0.00	0.28	0.00
Minority	10.64	23.74	44.82
Nonminority female	0.00	13.22	0.00****
DBE total	10.64	36.96	28.79****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.05	0.00****
Hispanic	0.00	4.19	0.00****
Asian	0.00	4.58	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.83	0.00****
Nonminority female	0.00	10.08	0.00****
DBE total	0.00	22.92	0.00****
Printing and Related Support Activities (NAICS 3231)			
African American	97.37	4.82	
Hispanic	0.00	1.60	0.00
Asian	0.00	5.27	0.00***
Native American	0.00	0.98	0.00
Minority	97.37	12.67	
Nonminority female	0.00	17.92	0.00****
DBE total	97.37	30.59	
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	97.52	12.97	
Hispanic	0.00	0.56	0.00
Asian	0.00	2.24	0.00****
Native American	0.00	0.00	
Minority	97.52	15.78	
Nonminority female	0.00	7.01	0.00****
DBE total	97.52	22.79	
Building Equipment Contractors (NAICS 2382)			
African American	0.00	13.07	0.00****
Hispanic	0.00	6.81	0.00****
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	0.00	22.90	0.00****
Nonminority female	0.00	12.66	0.00****
DBE total	0.00	35.56	0.00****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	6.12	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.23	0.00
Native American	0.00	3.52	0.00****
Minority	0.00	9.99	0.00****
Nonminority female	0.00	17.36	0.00****
DBE total	0.00	27.34	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****
Electronics and Appliance Stores (NAICS 4431)			
African American	0.00	10.01	0.00****
Hispanic	0.00	0.31	0.00
Asian	0.00	3.00	0.00****
Native American	0.00	0.29	0.00
Minority	0.00	13.62	0.00****
Nonminority female	86.98	15.37	
DBE total	86.98	28.99	
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	0.00	9.50	0.00****
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00***
Minority	0.00	17.74	0.00****
Nonminority female	0.00	12.18	0.00****
DBE total	0.00	29.92	0.00****
Employment Services (NAICS 5613)			
African American	0.00	17.40	0.00****
Hispanic	0.00	2.34	0.00****
Asian	0.00	6.60	0.00****
Native American	0.00	0.66	0.00***
Minority	0.00	27.00	0.00****
Nonminority female	0.00	18.27	0.00****
DBE total	0.00	45.27	0.00****
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.70	0.00****
Hispanic	0.00	3.59	0.00****
Asian	0.00	6.17	0.00****
Native American	0.00	0.95	0.00
Minority	0.00	24.42	0.00****
Nonminority female	0.00	16.54	0.00****
DBE total	0.00	40.96	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.01	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	1.34	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	4.41	0.00****
Nonminority female	0.00	9.06	0.00****
DBE total	0.00	13.47	0.00****
Household and Institutional Furniture and Kitchen Cabinet Manufacturing (NAICS 3371)			
African American	0.00	13.46	0.00****
Hispanic	0.00	0.00	
Asian	0.00	8.12	0.00****
Native American	0.00	0.00	
Minority	0.00	21.58	0.00****
Nonminority female	0.00	15.81	0.00****
DBE total	0.00	37.39	0.00****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00*
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00*
Nonminority female	0.00	3.00	0.00
DBE total	0.00	12.38	0.00****
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	11.13	0.00****
Hispanic	0.00	3.65	0.00****
Asian	0.00	4.81	0.00****
Native American	0.00	0.97	0.00****
Minority	0.00	20.57	0.00****
Nonminority female	0.00	16.07	0.00****
DBE total	0.00	36.64	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.15. Industry Group Utilization, Availability, and Disparity Results for MDOT IT Contracting– Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	1.62	16.74	9.69****
Hispanic	0.00	3.31	0.00****
Asian	1.59	13.67	11.66****
Native American	0.00	1.25	0.00****
Minority	3.22	34.97	9.20****
Nonminority female	4.24	13.25	31.97**
DBE total	7.45	48.22	15.46****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	13.85	7.56	
Hispanic	28.28	2.01	
Asian	0.00	4.86	0.00****
Native American	0.00	1.22	0.00****
Minority	42.13	15.65	
Nonminority female	31.44	11.06	
DBE total	73.56	26.71	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	100.00	1.99	
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	100.00	14.61	
Nonminority female	0.00	10.28	0.00****
DBE total	100.00	24.89	
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	100.00	12.97	
Hispanic	0.00	0.56	0.00****
Asian	0.00	2.24	0.00****
Native American	0.00	0.00	
Minority	100.00	15.78	
Nonminority female	0.00	7.01	0.00****
DBE total	100.00	22.79	
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Utility System Construction (NAICS 2371)			
African American	0.00	10.23	0.00****
Hispanic	0.00	2.27	0.00****
Asian	0.00	2.41	0.00****
Native American	0.00	0.51	0.00****
Minority	0.00	15.41	0.00****
Nonminority female	0.00	8.48	0.00****
DBE total	0.00	23.89	0.00****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00****
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00****
Nonminority female	0.00	3.00	0.00
DBE total	0.00	12.38	0.00****
Other Crop Farming (NAICS 1119)			
African American	0.00	11.61	0.00****
Hispanic	0.00	3.94	0.00****
Asian	0.00	5.16	0.00****
Native American	0.00	0.88	0.00
Minority	0.00	21.60	0.00****
Nonminority female	0.00	16.74	0.00****
DBE total	0.00	38.33	0.00****
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00****
Hispanic	0.00	1.60	0.00****
Asian	0.00	5.27	0.00****
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	0.00	17.92	0.00****
DBE total	0.00	30.59	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.16. Industry Group Utilization, Availability, and Disparity Results for MDOT IT Contracting— Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	1.97	16.79	11.73****
Hispanic	0.00	3.29	0.00****
Asian	1.86	13.61	13.66****
Native American	0.00	1.25	0.00****
Minority	3.83	34.93	10.96****
Nonminority female	2.96	13.28	22.26****
DBE total	6.78	48.21	14.07****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	11.35	7.51	
Hispanic	31.20	2.03	
Asian	0.00	4.88	0.00****
Native American	0.00	1.24	0.00****
Minority	42.55	15.67	
Nonminority female	33.94	10.94	
DBE total	76.49	26.60	
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	100.00	12.97	
Hispanic	0.00	0.56	0.00
Asian	0.00	2.24	0.00****
Native American	0.00	0.00	
Minority	100.00	15.78	
Nonminority female	0.00	7.01	0.00****
DBE total	100.00	22.79	
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00*
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00*
Nonminority female	0.00	3.00	0.00
DBE total	0.00	12.38	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00***
Hispanic	0.00	1.60	0.00
Asian	0.00	5.27	0.00***
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	0.00	17.92	0.00****
DBE total	0.00	30.59	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.17. Industry Group Utilization, Availability, and Disparity Results for MDOT Services Contracting--All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00****
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00****
DBE total	0.00	63.02	0.00****
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00****
DBE total	0.00	2.74	0.00****
Other Transit and Ground Passenger Transportation (NAICS 4859)			
African American	28.24	29.55	95.57
Hispanic	0.00	4.35	0.00****
Asian	2.41	3.85	62.72
Native American	0.00	0.80	0.00
Minority	30.66	38.55	79.53
Nonminority female	0.00	14.10	0.00****
DBE total	30.66	52.65	58.23
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	57.14	8.55	
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	57.14	14.44	
Nonminority female	0.00	11.32	0.00****
DBE total	57.14	25.76	
Taxi and Limousine Service (NAICS 4853)			
African American	0.14	22.67	0.61****
Hispanic	0.00	4.26	0.00****
Asian	28.31	11.86	
Native American	0.00	1.63	0.00
Minority	28.45	40.41	70.40
Nonminority female	1.34	8.66	15.42
DBE total	29.79	49.07	60.70

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Direct Selling Establishments (NAICS 4543)			
African American	99.90	2.43	
Hispanic	0.00	0.82	0.00****
Asian	0.00	0.83	0.00****
Native American	0.00	0.01	0.00
Minority	99.90	4.08	
Nonminority female	0.00	8.60	0.00****
DBE total	99.90	12.68	
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.11	7.55	1.45****
Hispanic	0.00	2.01	0.00****
Asian	0.54	4.86	11.19****
Native American	0.00	1.23	0.00****
Minority	0.65	15.65	4.17****
Nonminority female	24.27	11.03	
DBE total	24.92	26.68	93.39
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.56	0.00	
Minority	0.56	0.00	
Nonminority female	16.81	0.00	
DBE total	17.37	0.00	
Computer Systems Design and Related Services (NAICS 5415)			
African American	1.82	17.92	10.14****
Hispanic	5.05	2.76	
Asian	1.40	13.92	10.08****
Native American	0.00	0.99	0.00****
Minority	8.27	35.59	23.24****
Nonminority female	0.46	11.94	3.82****
DBE total	8.73	47.53	18.36****
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.78	7.89	9.95***
Hispanic	17.39	4.07	
Asian	0.00	1.74	0.00****
Native American	0.00	0.59	0.00****
Minority	18.17	14.29	
Nonminority female	56.09	26.41	
DBE total	74.26	40.69	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	4.20	11.65	36.10****
Hispanic	3.38	1.83	
Asian	0.75	3.74	20.07****
Native American	0.00	0.88	0.00****
Minority	8.33	18.10	46.05****
Nonminority female	45.75	13.28	
DBE total	54.08	31.38	
Travel Arrangement and Reservation Services (NAICS 5615)			
African American	0.00	8.13	0.00
Hispanic	0.00	0.00	
Asian	0.00	2.03	0.00
Native American	0.00	2.03	0.00
Minority	0.00	12.20	0.00****
Nonminority female	0.00	7.10	0.00
DBE total	0.00	19.30	0.00****
Employment Services (NAICS 5613)			
African American	1.08	15.77	6.85****
Hispanic	0.00	2.36	0.00****
Asian	0.00	5.94	0.00****
Native American	0.00	0.53	0.00****
Minority	1.08	24.61	4.39****
Nonminority female	93.27	17.08	
DBE total	94.35	41.68	
Agencies, Brokerages, and Other Insurance Related Activities (NAICS 5242)			
African American	7.91	2.68	
Hispanic	0.00	0.24	0.00
Asian	0.00	0.42	0.00
Native American	0.00	0.02	0.00
Minority	7.91	3.36	
Nonminority female	0.00	13.91	0.02****
DBE total	7.92	17.27	45.84
Charter Bus Industry (NAICS 4855)			
African American	0.00	29.84	0.00****
Hispanic	0.00	0.97	0.00
Asian	0.00	0.39	0.00
Native American	0.00	0.18	0.00
Minority	0.00	31.39	0.00****
Nonminority female	0.00	17.80	0.00****
DBE total	0.00	49.19	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Building Equipment Contractors (NAICS 2382)			
African American	33.68	12.76	
Hispanic	30.51	6.65	
Asian	0.00	1.71	0.00****
Native American	0.00	1.26	0.00****
Minority	64.19	22.37	
Nonminority female	0.11	12.64	0.87****
DBE total	64.30	35.01	
Interurban and Rural Bus Transportation (NAICS 4852)			
African American	0.00	20.62	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	20.62	0.00****
Nonminority female	0.00	14.38	0.00****
DBE total	0.00	35.00	0.00****
Insurance Carriers (NAICS 5241)			
African American	0.00	3.26	0.00****
Hispanic	0.00	0.06	0.00
Asian	0.00	0.11	0.00
Native American	0.00	0.00	0.00
Minority	0.00	3.43	0.00****
Nonminority female	0.00	4.64	0.00****
DBE total	0.00	8.07	0.00****
Electric Power Generation, Transmission and Distribution (NAICS 2211)			
African American	0.00	1.22	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.80	0.00****
Native American	0.00	1.11	0.00****
Minority	0.00	4.14	0.00****
Nonminority female	0.00	8.17	0.00****
DBE total	0.00	12.31	0.00****
Other Professional, Scientific, and Technical Services (NAICS 5419)			
African American	0.40	3.02	13.11
Hispanic	89.77	16.49	
Asian	0.00	4.37	0.00****
Native American	0.00	2.62	0.00****
Minority	90.17	26.51	
Nonminority female	5.25	29.36	17.87
DBE total	95.41	55.86	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Services to Buildings and Dwellings (NAICS 5617)			
African American	42.92	25.63	
Hispanic	33.73	8.90	
Asian	0.70	3.93	17.77***
Native American	0.00	0.77	0.00****
Minority	77.35	39.23	
Nonminority female	17.52	13.48	
DBE total	94.87	52.70	
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	1.46	9.50	15.42**
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00****
Minority	1.46	17.74	8.26****
Nonminority female	0.00	12.18	0.00****
DBE total	1.46	29.92	4.90****
Automotive Repair and Maintenance (NAICS 8111)			
African American	36.46	11.94	
Hispanic	3.68	7.59	48.54
Asian	0.00	4.57	0.00****
Native American	0.00	0.93	0.00****
Minority	40.15	25.03	
Nonminority female	0.01	8.84	0.12****
DBE total	40.16	33.86	
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	23.75	0.00****
Nonminority female	0.00	28.54	0.00****
DBE total	0.00	52.30	0.00****
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	6.97	0.00****
Hispanic	0.00	1.03	0.00****
Asian	0.00	4.75	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.77	0.00****
Nonminority female	0.00	5.59	0.00****
DBE total	0.00	18.36	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Depository Credit Intermediation (NAICS 5221)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.00	0.00
Asian	0.00	0.42	0.00
Native American	0.00	0.00	0.00
Minority	0.00	0.61	0.00
Nonminority female	0.00	0.44	0.00
DBE total	0.00	1.06	0.00
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	2.69	0.00****
Hispanic	0.00	3.52	0.00****
Asian	0.00	2.64	0.00****
Native American	0.00	1.09	0.00****
Minority	0.00	9.94	0.00****
Nonminority female	0.12	7.69	1.58****
DBE total	0.12	17.63	0.69****
Activities Related to Real Estate (NAICS 5313)			
African American	0.00	11.69	0.00****
Hispanic	0.00	4.81	0.00
Asian	0.00	1.66	0.00
Native American	0.00	0.01	0.00
Minority	0.00	18.18	0.00****
Nonminority female	0.00	20.62	0.00****
DBE total	0.00	38.79	0.00****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	0.00	14.61	0.00****
Nonminority female	13.01	10.28	
DBE total	13.01	24.89	52.27
Health and Personal Care Stores (NAICS 4461)			
African American	0.00	6.28	0.00
Hispanic	0.00	2.68	0.00
Asian	0.00	2.00	0.00
Native American	0.00	0.01	0.00
Minority	0.00	10.97	0.00
Nonminority female	0.00	4.90	0.00
DBE total	0.00	15.87	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00****
Hispanic	0.00	2.71	0.00****
Asian	0.00	2.96	0.00****
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.52	4.34	12.01***
Hispanic	0.00	1.39	0.00****
Asian	0.01	2.47	0.31****
Native American	0.00	0.83	0.00****
Minority	0.53	9.04	5.86****
Nonminority female	7.90	8.79	89.83
DBE total	8.43	17.83	47.27
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	1.28	13.59	9.43****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	1.28	20.75	6.18****
Nonminority female	9.49	11.87	79.93
DBE total	10.77	32.62	33.02****
Business, Professional, Labor, Political, and Similar Organizations (NAICS 8139)			
African American	2.64	11.62	22.76
Hispanic	0.00	4.08	0.00
Asian	0.00	5.30	0.00
Native American	0.00	0.82	0.00
Minority	2.64	21.82	12.12
Nonminority female	0.00	15.09	0.00****
DBE total	2.64	36.91	7.16
Lessors of Real Estate (NAICS 5311)			
African American	0.00	2.99	0.00****
Hispanic	0.00	0.15	0.00
Asian	0.00	1.89	0.00****
Native American	0.00	0.03	0.00
Minority	0.00	5.06	0.00****
Nonminority female	0.00	14.43	0.00****
DBE total	0.00	19.48	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.37	0.00****
Hispanic	0.09	0.33	27.08
Asian	0.00	0.66	0.00****
Native American	0.00	0.49	0.00****
Minority	0.09	4.84	1.84****
Nonminority female	0.62	11.63	5.34****
DBE total	0.71	16.47	4.31****
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00****
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	4.09	0.00****
Hispanic	0.00	1.05	0.00****
Asian	5.04	2.10	
Native American	0.00	1.06	0.00****
Minority	5.04	8.29	60.73
Nonminority female	4.07	14.93	27.27****
DBE total	9.11	23.22	39.21****
Utility System Construction (NAICS 2371)			
African American	0.00	9.60	0.00****
Hispanic	0.00	2.00	0.00****
Asian	0.00	2.39	0.00****
Native American	0.00	0.88	0.00****
Minority	0.00	14.87	0.00****
Nonminority female	14.55	9.61	
DBE total	14.55	24.48	59.43
Automotive Parts, Accessories, and Tire Stores (NAICS 4413)			
African American	0.00	2.59	0.00****
Hispanic	0.00	3.52	0.00****
Asian	0.00	1.66	0.00****
Native American	0.00	0.48	0.00
Minority	0.00	8.25	0.00****
Nonminority female	0.00	4.74	0.00****
DBE total	0.00	13.00	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	12.59	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.05	0.00
Minority	0.00	12.65	0.00****
Nonminority female	0.00	0.16	0.00
DBE total	0.00	12.81	0.00****
Nonresidential Building Construction (NAICS 2362)			
African American	0.00	12.17	0.00****
Hispanic	0.00	6.74	0.00****
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	0.00	25.46	0.00****
Nonminority female	0.00	10.01	0.00****
DBE total	0.00	35.47	0.00****
Home Health Care Services (NAICS 6216)			
African American	0.00	37.69	0.00****
Hispanic	0.00	3.81	0.00
Asian	0.00	0.92	0.00
Native American	0.00	0.04	0.00
Minority	0.00	42.46	0.00****
Nonminority female	0.00	11.38	0.00
DBE total	0.00	53.84	0.00****
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	12.13	0.00****
Hispanic	0.00	4.00	0.00****
Asian	0.00	5.45	0.00****
Native American	0.00	0.87	0.00****
Minority	0.00	22.44	0.00****
Nonminority female	8.10	16.22	49.93
DBE total	8.10	38.66	20.95
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00****
Hispanic	0.00	1.60	0.00****
Asian	0.00	5.27	0.00****
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	49.27	17.92	
DBE total	49.27	30.59	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00****
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00****
Nonminority female	2.10	3.00	69.93
DBE total	2.10	12.38	16.97
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	81.89	9.48	
Hispanic	0.00	2.11	0.00****
Asian	0.00	0.10	0.00****
Native American	0.00	1.07	0.00****
Minority	81.89	12.75	
Nonminority female	0.08	15.87	0.48****
DBE total	81.96	28.62	
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.00	6.37	0.00****
Hispanic	2.64	1.28	
Asian	0.00	3.21	0.00****
Native American	0.00	4.14	0.00****
Minority	2.64	15.01	17.59****
Nonminority female	0.00	11.20	0.00****
DBE total	2.64	26.21	10.08****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	6.12	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.23	0.00
Native American	0.00	3.52	0.00****
Minority	0.00	9.99	0.00****
Nonminority female	25.90	17.36	
DBE total	25.90	27.34	94.71

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	3.03	0.00****
Hispanic	0.00	3.16	0.00****
Asian	0.00	0.22	0.00****
Native American	0.00	0.03	0.00
Minority	0.00	6.45	0.00****
Nonminority female	62.52	7.11	
DBE total	62.52	13.56	
Investigation and Security Services (NAICS 5616)			
African American	12.27	19.05	64.41
Hispanic	0.00	0.96	0.00****
Asian	0.00	6.82	0.00****
Native American	0.00	0.79	0.00****
Minority	12.27	27.62	44.42
Nonminority female	0.00	11.92	0.00****
DBE total	12.27	39.54	31.03**
Rubber Product Manufacturing (NAICS 3262)			
African American	0.00	11.48	0.00****
Hispanic	0.00	4.10	0.00
Asian	0.00	5.33	0.00
Native American	0.00	0.82	0.00
Minority	0.00	21.72	0.00****
Nonminority female	0.00	15.16	0.00****
DBE total	0.00	36.89	0.00****
Office Administrative Services (NAICS 5611)			
African American	0.00	12.78	0.00
Hispanic	0.00	2.34	0.00
Asian	0.00	2.67	0.00
Native American	0.00	0.81	0.00
Minority	0.00	18.60	0.00
Nonminority female	0.00	19.74	0.00
DBE total	0.00	38.34	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.18. Industry Group Utilization, Availability, and Disparity Results for MDOT Services Contracting--All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00
DBE total	0.00	2.74	0.00****
Other Transit and Ground Passenger Transportation (NAICS 4859)			
African American	59.47	29.55	
Hispanic	0.00	4.35	0.00****
Asian	0.00	3.85	0.00****
Native American	0.00	0.80	0.00
Minority	59.47	38.55	
Nonminority female	0.00	14.10	0.00****
DBE total	59.47	52.65	
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	49.78	8.55	
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	49.78	14.44	
Nonminority female	0.00	11.32	0.00****
DBE total	49.78	25.76	
Taxi and Limousine Service (NAICS 4853)			
African American	0.19	20.41	0.94***
Hispanic	0.00	3.19	0.00****
Asian	0.46	12.24	3.72
Native American	0.00	2.26	0.00
Minority	0.65	38.10	1.70****
Nonminority female	1.85	6.76	27.45
DBE total	2.50	44.86	5.58**
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.30	18.34	1.62****
Hispanic	7.74	2.56	
Asian	1.06	14.11	7.53****
Native American	0.00	0.89	0.00****
Minority	9.10	35.90	25.34****
Nonminority female	0.00	11.36	0.00****
DBE total	9.10	47.26	19.25****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.08	7.19	1.09****
Hispanic	0.00	2.16	0.00****
Asian	0.23	5.06	4.55****
Native American	0.00	1.40	0.00****
Minority	0.31	15.82	1.95****
Nonminority female	0.00	10.03	0.00****
DBE total	0.31	25.85	1.19****
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00
DBE total	0.00	63.02	0.00****
Charter Bus Industry (NAICS 4855)			
African American	0.00	29.84	0.00****
Hispanic	0.00	0.97	0.00
Asian	0.00	0.39	0.00
Native American	0.00	0.18	0.00
Minority	0.00	31.39	0.00****
Nonminority female	0.00	17.80	0.00****
DBE total	0.00	49.19	0.00****
Building Equipment Contractors (NAICS 2382)			
African American	33.13	12.89	
Hispanic	29.95	6.72	
Asian	0.00	1.72	0.00****
Native American	0.00	1.28	0.00****
Minority	63.08	22.60	
Nonminority female	0.12	12.65	0.92****
DBE total	63.20	35.24	
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	1.37	0.00	
Minority	1.37	0.00	
Nonminority female	40.85	0.00	
DBE total	42.22	0.00	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Professional, Scientific, and Technical Services (NAICS 5419)			
African American	0.00	2.58	0.00**
Hispanic	94.57	20.19	
Asian	0.00	4.44	0.00**
Native American	0.00	2.86	0.00**
Minority	94.57	30.08	
Nonminority female	4.93	31.77	15.51
DBE total	99.50	61.84	
Electric Power Generation, Transmission and Distribution (NAICS 2211)			
African American	0.00	1.22	0.00****
Hispanic	0.00	0.01	0.00
Asian	0.00	1.80	0.00****
Native American	0.00	1.11	0.00
Minority	0.00	4.14	0.00****
Nonminority female	0.00	8.17	0.00****
DBE total	0.00	12.31	0.00****
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	4.49	13.90	32.28****
Hispanic	7.03	1.39	
Asian	0.28	3.32	8.39***
Native American	0.00	0.16	0.00
Minority	11.80	18.77	62.87
Nonminority female	69.54	10.08	
DBE total	81.34	28.84	
Other Support Services (NAICS 5619)			
African American	0.00	18.71	0.00****
Hispanic	0.00	2.45	0.00****
Asian	0.00	2.57	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	23.75	0.00****
Nonminority female	0.00	28.54	0.00****
DBE total	0.00	52.30	0.00****
Depository Credit Intermediation (NAICS 5221)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.00	0.00
Asian	0.00	0.42	0.00
Native American	0.00	0.00	0.00
Minority	0.00	0.61	0.00
Nonminority female	0.00	0.44	0.00
DBE total	0.00	1.06	0.00

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	6.86	0.00****
Hispanic	0.00	1.42	0.00****
Asian	0.00	4.57	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	12.86	0.00****
Nonminority female	0.00	6.16	0.00****
DBE total	0.00	19.02	0.00****
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	2.69	0.00****
Hispanic	0.00	3.52	0.00****
Asian	0.00	2.64	0.00****
Native American	0.00	1.09	0.00****
Minority	0.00	9.94	0.00****
Nonminority female	0.12	7.69	1.58****
DBE total	0.12	17.63	0.69****
Automotive Repair and Maintenance (NAICS 8111)			
African American	75.68	10.54	
Hispanic	6.21	6.96	89.30
Asian	0.00	4.61	0.00****
Native American	0.00	1.48	0.00****
Minority	81.89	23.59	
Nonminority female	0.02	9.49	0.23****
DBE total	81.91	33.09	
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.00	8.20	0.00****
Hispanic	0.00	3.87	0.00**
Asian	0.00	1.44	0.00
Native American	0.00	0.29	0.00
Minority	0.00	13.80	0.00****
Nonminority female	2.60	27.00	9.61***
DBE total	2.60	40.80	6.36****
Activities Related to Real Estate (NAICS 5313)			
African American	0.00	11.69	0.00
Hispanic	0.00	4.81	0.00
Asian	0.00	1.66	0.00
Native American	0.00	0.01	0.00
Minority	0.00	18.18	0.00
Nonminority female	0.00	20.62	0.00
DBE total	0.00	38.79	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	4.54	9.50	47.78
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00***
Minority	4.54	17.74	25.60**
Nonminority female	0.00	12.18	0.00****
DBE total	4.54	29.92	15.18****
Services to Buildings and Dwellings (NAICS 5617)			
African American	9.24	24.75	37.33****
Hispanic	58.37	8.31	
Asian	0.00	3.80	0.00****
Native American	0.00	0.93	0.00****
Minority	67.61	37.78	
Nonminority female	18.27	13.27	
DBE total	85.88	51.05	
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00***
Minority	0.00	14.61	0.00****
Nonminority female	7.05	10.28	68.54
DBE total	7.05	24.89	28.32
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00**
Hispanic	0.00	2.71	0.00**
Asian	0.00	2.96	0.00**
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	4.60	0.00****
Hispanic	0.00	1.16	0.00****
Asian	3.36	2.99	
Native American	0.00	0.97	0.00****
Minority	3.36	9.72	34.56**
Nonminority female	4.52	13.99	32.31***
DBE total	7.88	23.71	33.23****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	4.28	0.00****
Hispanic	0.10	0.69	13.81
Asian	0.00	2.79	0.00****
Native American	0.00	0.57	0.00****
Minority	0.10	8.33	1.14****
Nonminority female	0.66	11.88	5.59****
DBE total	0.76	20.22	3.76****
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	1.26	13.59	9.24****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	1.26	20.75	6.05****
Nonminority female	7.57	11.87	63.75***
DBE total	8.82	32.62	27.05****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.56	4.35	12.77****
Hispanic	0.00	1.37	0.00****
Asian	0.01	2.45	0.33****
Native American	0.00	0.84	0.00****
Minority	0.56	9.01	6.25****
Nonminority female	8.41	8.78	95.74
DBE total	8.97	17.79	50.43**
Business, Professional, Labor, Political, and Similar Organizations (NAICS 8139)			
African American	2.64	11.62	22.76
Hispanic	0.00	4.08	0.00
Asian	0.00	5.30	0.00
Native American	0.00	0.82	0.00
Minority	2.64	21.82	12.12
Nonminority female	0.00	15.09	0.00****
DBE total	2.64	36.91	7.16
Lessors of Real Estate (NAICS 5311)			
African American	0.00	2.99	0.00****
Hispanic	0.00	0.15	0.00
Asian	0.00	1.89	0.00
Native American	0.00	0.03	0.00
Minority	0.00	5.06	0.00****
Nonminority female	0.00	14.43	0.00****
DBE total	0.00	19.48	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Automotive Parts, Accessories, and Tire Stores (NAICS 4413)			
African American	0.00	2.59	0.00****
Hispanic	0.00	3.52	0.00****
Asian	0.00	1.66	0.00
Native American	0.00	0.48	0.00
Minority	0.00	8.25	0.00****
Nonminority female	0.00	4.74	0.00****
DBE total	0.00	13.00	0.00****
Direct Selling Establishments (NAICS 4543)			
African American	96.92	2.43	
Hispanic	0.00	0.82	0.00
Asian	0.00	0.83	0.00
Native American	0.00	0.01	0.00
Minority	96.92	4.08	
Nonminority female	0.00	8.60	0.00****
DBE total	96.92	12.68	
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	12.59	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.05	0.00
Minority	0.00	12.65	0.00****
Nonminority female	0.00	0.16	0.00
DBE total	0.00	12.81	0.00****
Nonresidential Building Construction (NAICS 2362)			
African American	0.00	12.17	0.00****
Hispanic	0.00	6.74	0.00****
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	0.00	25.46	0.00****
Nonminority female	0.00	10.01	0.00****
DBE total	0.00	35.47	0.00****
Utility System Construction (NAICS 2371)			
African American	0.00	9.43	0.00****
Hispanic	0.00	1.93	0.00****
Asian	0.00	2.39	0.00****
Native American	0.00	0.98	0.00***
Minority	0.00	14.73	0.00****
Nonminority female	4.57	9.91	46.13
DBE total	4.57	24.64	18.55****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00
Employment Services (NAICS 5613)			
African American	14.32	10.77	
Hispanic	0.00	2.42	0.00****
Asian	0.00	3.95	0.00****
Native American	0.00	0.15	0.00
Minority	14.32	17.29	82.81
Nonminority female	18.98	13.42	
DBE total	33.29	30.71	
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	12.13	0.00****
Hispanic	0.00	4.00	0.00****
Asian	0.00	5.45	0.00****
Native American	0.00	0.87	0.00**
Minority	0.00	22.44	0.00****
Nonminority female	5.22	16.22	32.18**
DBE total	5.22	38.66	13.50****
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	5.88	0.00****
Hispanic	0.00	1.65	0.00***
Asian	0.00	3.06	0.00***
Native American	0.00	0.54	0.00
Minority	0.00	11.13	0.00****
Nonminority female	0.00	7.59	0.00****
DBE total	0.00	18.72	0.00****
Agencies, Brokerages, and Other Insurance Related Activities (NAICS 5242)			
African American	9.01	8.56	
Hispanic	0.00	0.75	0.00
Asian	0.00	1.35	0.00
Native American	0.00	0.07	0.00
Minority	9.01	10.73	83.94
Nonminority female	0.09	14.61	0.65****
DBE total	9.10	25.34	35.92**

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00***
Hispanic	0.00	1.60	0.00
Asian	0.00	5.27	0.00***
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	60.64	17.92	
DBE total	60.64	30.59	
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.00	6.37	0.00****
Hispanic	2.92	1.28	
Asian	0.00	3.21	0.00****
Native American	0.00	4.14	0.00****
Minority	2.92	15.01	19.44****
Nonminority female	0.00	11.20	0.00****
DBE total	2.92	26.21	11.13****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00*
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00*
Nonminority female	0.64	3.00	21.22
DBE total	0.64	12.38	5.15**
Investigation and Security Services (NAICS 5616)			
African American	12.55	19.52	64.28
Hispanic	0.00	1.24	0.00***
Asian	0.00	5.74	0.00****
Native American	0.00	1.01	0.00***
Minority	12.55	27.51	45.61
Nonminority female	0.00	11.81	0.00****
DBE total	12.55	39.32	31.91
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Data Processing, Hosting, and Related Services (NAICS 5182)			
African American	0.00	21.33	0.00****
Hispanic	0.00	1.91	0.00
Asian	0.00	5.77	0.00****
Native American	0.00	0.14	0.00
Minority	0.00	29.16	0.00****
Nonminority female	0.00	15.34	0.00****
DBE total	0.00	44.50	0.00****
Other Financial Investment Activities (NAICS 5239)			
African American	0.00	11.69	0.00
Hispanic	0.00	3.70	0.00
Asian	0.00	5.05	0.00
Native American	0.00	0.82	0.00
Minority	0.00	21.26	0.00
Nonminority female	0.00	15.25	0.00
DBE total	0.00	36.52	0.00****
Building Material and Supplies Dealers (NAICS 4441)			
African American	0.00	1.31	0.00****
Hispanic	0.00	0.03	0.00
Asian	0.00	0.05	0.00
Native American	0.00	0.01	0.00
Minority	0.00	1.41	0.00****
Nonminority female	0.00	12.75	0.00****
DBE total	0.00	14.15	0.00****
Cut and Sew Apparel Manufacturing (NAICS 3152)			
African American	0.00	14.11	0.00
Hispanic	0.00	3.58	0.00
Asian	0.00	4.77	0.00
Native American	0.00	0.95	0.00
Minority	0.00	23.42	0.00
Nonminority female	100.00	17.55	
DBE total	100.00	40.97	
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	48.85	17.56	
DBE total	48.85	37.82	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Business Support Services (NAICS 5614)			
African American	0.00	19.11	0.00****
Hispanic	0.00	4.83	0.00
Asian	0.00	4.34	0.00
Native American	0.00	5.33	0.00
Minority	0.00	33.61	0.00****
Nonminority female	76.42	15.31	
DBE total	76.42	48.92	
Household and Institutional Furniture and Kitchen Cabinet Manufacturing (NAICS 3371)			
African American	0.00	13.46	0.00****
Hispanic	0.00	0.00	
Asian	0.00	8.12	0.00****
Native American	0.00	0.00	
Minority	0.00	21.58	0.00****
Nonminority female	0.00	15.81	0.00****
DBE total	0.00	37.39	0.00****
Specialized Design Services (NAICS 5414)			
African American	80.71	15.06	
Hispanic	0.00	3.76	0.00
Asian	0.00	4.93	0.00
Native American	0.00	1.27	0.00
Minority	80.71	25.01	
Nonminority female	0.00	24.71	0.00****
DBE total	80.71	49.73	
Other Fabricated Metal Product Manufacturing (NAICS 3329)			
African American	0.00	0.19	0.00
Hispanic	0.00	1.51	0.00****
Asian	0.00	2.42	0.00****
Native American	0.00	4.43	0.00****
Minority	0.00	8.55	0.00****
Nonminority female	0.00	18.69	0.00****
DBE total	0.00	27.24	0.00****
Grocery Stores (NAICS 4451)			
African American	0.00	8.34	0.00
Hispanic	0.00	2.81	0.00
Asian	0.00	4.98	0.00
Native American	0.00	0.66	0.00
Minority	0.00	16.79	0.00
Nonminority female	0.00	12.03	0.00
DBE total	0.00	28.81	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Special Food Services (NAICS 7223)			
African American	100.00	24.97	
Hispanic	0.00	4.73	0.00
Asian	0.00	1.38	0.00
Native American	0.00	0.01	0.00
Minority	100.00	31.09	
Nonminority female	0.00	24.09	0.00
DBE total	100.00	55.17	****
Rubber Product Manufacturing (NAICS 3262)			
African American	0.00	11.48	0.00****
Hispanic	0.00	4.10	0.00
Asian	0.00	5.33	0.00
Native American	0.00	0.82	0.00
Minority	0.00	21.72	0.00****
Nonminority female	0.00	15.16	0.00****
DBE total	0.00	36.89	0.00****
Waste Collection (NAICS 5621)			
African American	0.00	23.81	0.00****
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	3.14	0.00***
Minority	0.00	26.96	0.00****
Nonminority female	0.00	7.25	0.00****
DBE total	0.00	34.21	0.00****
Traveler Accommodation (NAICS 7211)			
African American	0.00	0.13	0.00
Hispanic	0.00	1.43	0.00
Asian	0.00	10.56	0.00****
Native American	0.00	3.60	0.00****
Minority	0.00	15.72	0.00****
Nonminority female	0.00	9.94	0.00****
DBE total	0.00	25.65	0.00****
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	0.00	16.36	0.00****
Hispanic	0.00	2.63	0.00****
Asian	0.00	4.81	0.00****
Native American	0.00	0.63	0.00
Minority	0.00	24.43	0.00****
Nonminority female	0.00	11.71	0.00****
DBE total	0.00	36.13	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	3.03	0.00****
Hispanic	0.00	3.16	0.00****
Asian	0.00	0.22	0.00****
Native American	0.00	0.03	0.00
Minority	0.00	6.45	0.00****
Nonminority female	19.50	7.11	
DBE total	19.50	13.56	
Newspaper, Periodical, Book, and Directory Publishers (NAICS 5111)			
African American	0.00	1.47	0.00
Hispanic	0.00	0.84	0.00
Asian	0.00	1.41	0.00
Native American	0.00	1.01	0.00
Minority	0.00	4.73	0.00**
Nonminority female	0.00	12.81	0.00****
DBE total	0.00	17.54	0.00****
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance (NAICS 8113)			
African American	0.00	5.95	0.00****
Hispanic	0.00	2.11	0.00
Asian	0.00	0.41	0.00
Native American	0.00	0.01	0.00
Minority	0.00	8.48	0.00****
Nonminority female	0.00	3.20	0.00
DBE total	0.00	11.68	0.00****
Chemical and Allied Products Merchant Wholesalers (NAICS 4246)			
African American	0.00	6.23	0.00****
Hispanic	0.00	4.13	0.00****
Asian	0.00	7.07	0.00****
Native American	0.00	1.19	0.00****
Minority	0.00	18.62	0.00****
Nonminority female	14.97	6.46	
DBE total	14.97	25.08	59.70
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	12.46	0.00****
Hispanic	0.00	4.15	0.00****
Asian	0.00	5.60	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	23.10	0.00****
Nonminority female	0.00	15.77	0.00****
DBE total	0.00	38.87	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Specialized Freight Trucking (NAICS 4842)			
African American	51.21	24.84	
Hispanic	0.00	7.48	0.00****
Asian	0.00	1.87	0.00****
Native American	0.00	0.12	0.00****
Minority	51.21	34.32	
Nonminority female	0.00	11.65	0.00****
DBE total	51.21	45.97	
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	7.14	0.00****
Minority	0.00	7.14	0.00****
Nonminority female	55.24	10.71	
DBE total	55.24	17.86	
Apparel, Piece Goods, and Notions Merchant Wholesalers (NAICS 4243)			
African American	0.00	12.18	0.00
Hispanic	0.00	3.86	0.00
Asian	71.82	5.47	
Native American	0.00	0.95	0.00
Minority	71.82	22.45	
Nonminority female	0.00	17.20	0.00****
DBE total	71.82	39.66	
Couriers and Express Delivery Services (NAICS 4921)			
African American	0.00	24.20	0.00****
Hispanic	0.00	3.10	0.00
Asian	0.00	0.10	0.00
Native American	0.00	2.52	0.00
Minority	0.00	29.93	0.00****
Nonminority female	0.00	1.80	0.00
DBE total	0.00	31.73	0.00****
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.70	0.00****
Hispanic	0.00	3.59	0.00****
Asian	0.00	6.17	0.00****
Native American	0.00	0.95	0.00
Minority	0.00	24.42	0.00****
Nonminority female	0.00	16.54	0.00****
DBE total	0.00	40.96	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Remediation and Other Waste Management Services (NAICS 5629)			
African American	0.00	3.19	0.00****
Hispanic	0.00	8.67	0.00****
Asian	0.00	9.26	0.00****
Native American	0.00	0.00	
Minority	0.00	21.12	0.00****
Nonminority female	0.00	14.17	0.00****
DBE total	0.00	35.29	0.00****
Office Supplies, Stationery, and Gift Stores (NAICS 4532)			
African American	0.00	6.29	0.00****
Hispanic	0.00	0.03	0.00
Asian	0.00	1.59	0.00
Native American	0.00	0.01	0.00
Minority	0.00	7.92	0.00****
Nonminority female	0.00	11.88	0.00****
DBE total	0.00	19.80	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.19. Industry Group Utilization, Availability, and Disparity Results for MDOT Services Contracting–Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Rail Transportation (NAICS 4821)			
African American	0.00	0.65	0.00
Hispanic	0.00	0.14	0.00
Asian	0.00	0.20	0.00
Native American	0.00	0.08	0.00
Minority	0.00	1.06	0.00
Nonminority female	0.00	1.69	0.00****
DBE total	0.00	2.74	0.00****
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.11	7.56	1.51****
Hispanic	0.00	2.01	0.00****
Asian	0.00	4.86	0.00****
Native American	0.00	1.22	0.00****
Minority	0.11	15.65	0.73****
Nonminority female	25.39	11.06	
DBE total	25.51	26.70	95.52
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.97	7.85	12.31**
Hispanic	21.42	4.23	
Asian	0.00	1.86	0.00****
Native American	0.00	0.63	0.00****
Minority	22.39	14.56	
Nonminority female	68.17	26.24	
DBE total	90.55	40.80	
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00****
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00****
DBE total	0.00	63.02	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	4.47	13.81	32.41****
Hispanic	5.96	1.01	
Asian	0.00	2.87	0.00****
Native American	0.00	0.15	0.00
Minority	10.43	17.84	58.48**
Nonminority female	64.04	9.28	
DBE total	74.47	27.12	
Building Equipment Contractors (NAICS 2382)			
African American	39.13	13.07	
Hispanic	35.76	6.81	
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	74.90	22.90	
Nonminority female	0.00	12.66	0.00****
DBE total	74.90	35.56	
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	20.07	0.00****
Hispanic	15.57	1.75	
Asian	2.23	14.92	14.96****
Native American	0.00	0.46	0.00***
Minority	17.80	37.21	47.84**
Nonminority female	0.00	8.95	0.00****
DBE total	17.80	46.16	38.56****
Other Professional, Scientific, and Technical Services (NAICS 5419)			
African American	1.65	6.22	26.54
Hispanic	59.05	1.99	
Asian	0.00	4.25	0.00****
Native American	0.00	1.55	0.00****
Minority	60.70	14.01	
Nonminority female	21.85	19.34	
DBE total	82.55	33.35	
Services to Buildings and Dwellings (NAICS 5617)			
African American	0.26	16.65	1.56****
Hispanic	0.00	2.83	0.00****
Asian	0.00	2.56	0.00****
Native American	0.00	2.41	0.00****
Minority	0.26	24.45	1.06****
Nonminority female	98.64	11.31	
DBE total	98.90	35.76	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00****
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00****
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	0.02	8.16	0.27****
DBE total	0.02	15.35	0.14****
Employment Services (NAICS 5613)			
African American	24.13	9.20	
Hispanic	0.00	2.44	0.00****
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	24.13	15.00	
Nonminority female	0.00	12.27	0.00****
DBE total	24.13	27.27	88.48
Office Administrative Services (NAICS 5611)			
African American	0.00	12.78	0.00
Hispanic	0.00	2.34	0.00
Asian	0.00	2.67	0.00
Native American	0.00	0.81	0.00
Minority	0.00	18.60	0.00
Nonminority female	0.00	19.74	0.00
DBE total	0.00	38.34	0.00****
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	6.12	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.23	0.00
Native American	0.00	3.52	0.00****
Minority	0.00	9.99	0.00****
Nonminority female	0.00	17.36	0.00****
DBE total	0.00	27.34	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Business Support Services (NAICS 5614)			
African American	0.00	19.11	0.00****
Hispanic	0.00	4.83	0.00****
Asian	0.00	4.34	0.00****
Native American	0.00	5.33	0.00****
Minority	0.00	33.61	0.00****
Nonminority female	100.00	15.31	
DBE total	100.00	48.92	

Source and Notes: *See* Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.20. Industry Group Utilization, Availability, and Disparity Results for MDOT Services Contracting–Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	0.08	7.18	1.14****
Hispanic	0.00	2.17	0.00****
Asian	0.00	5.06	0.00****
Native American	0.00	1.41	0.00****
Minority	0.08	15.82	0.52****
Nonminority female	0.00	10.00	0.00****
DBE total	0.08	25.82	0.32****
Building Equipment Contractors (NAICS 2382)			
African American	36.85	13.07	
Hispanic	35.92	6.81	
Asian	0.00	1.73	0.00****
Native American	0.00	1.31	0.00****
Minority	72.77	22.90	
Nonminority female	0.00	12.66	0.00****
DBE total	72.77	35.56	
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	19.96	0.00****
Hispanic	16.44	1.80	
Asian	2.31	14.93	15.48****
Native American	0.00	0.48	0.00
Minority	18.75	37.18	50.45
Nonminority female	0.00	9.04	0.00****
DBE total	18.75	46.21	40.58***
Management, Scientific, and Technical Consulting Services (NAICS 5416)			
African American	4.91	13.70	35.85***
Hispanic	7.92	1.09	
Asian	0.00	3.05	0.00****
Native American	0.00	0.15	0.00
Minority	12.83	17.99	71.29
Nonminority female	78.28	9.65	
DBE total	91.11	27.64	
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.42	0.00****
Hispanic	0.00	0.64	0.00****
Asian	0.00	1.91	0.00****
Native American	0.00	1.05	0.00****
Minority	0.00	8.03	0.00****
Nonminority female	0.02	8.45	0.26****
DBE total	0.02	16.48	0.14****
Employment Services (NAICS 5613)			
African American	15.55	9.20	
Hispanic	0.00	2.44	0.00****
Asian	0.00	3.33	0.00****
Native American	0.00	0.03	0.00
Minority	15.55	15.00	
Nonminority female	0.00	12.27	0.00****
DBE total	15.55	27.27	57.04
Other Professional, Scientific, and Technical Services (NAICS 5419)			
African American	0.00	13.08	0.00****
Hispanic	0.00	3.87	0.00**
Asian	0.00	5.22	0.00**
Native American	0.00	0.96	0.00
Minority	0.00	23.13	0.00****
Nonminority female	100.00	17.87	
DBE total	100.00	41.00	
Services to Buildings and Dwellings (NAICS 5617)			
African American	0.00	16.65	0.00****
Hispanic	0.00	2.83	0.00****
Asian	0.00	2.56	0.00****
Native American	0.00	2.41	0.00****
Minority	0.00	24.45	0.00****
Nonminority female	95.65	11.31	
DBE total	95.66	35.76	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Business Support Services (NAICS 5614)			
African American	0.00	19.11	0.00****
Hispanic	0.00	4.83	0.00
Asian	0.00	4.34	0.00
Native American	0.00	5.33	0.00
Minority	0.00	33.61	0.00****
Nonminority female	100.00	15.31	
DBE total	100.00	48.92	
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	0.00	10.62	0.00****
Hispanic	0.00	1.59	0.00****
Asian	0.00	6.32	0.00****
Native American	0.00	0.91	0.00****
Minority	0.00	19.44	0.00****
Nonminority female	0.00	8.78	0.00****
DBE total	0.00	28.22	0.00****
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	6.40	0.00****
Hispanic	0.00	0.64	0.00****
Asian	0.00	0.03	0.00
Native American	0.00	2.09	0.00****
Minority	0.00	9.17	0.00****
Nonminority female	0.00	15.25	0.00****
DBE total	0.00	24.42	0.00****
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	3.95	0.00****
Hispanic	0.00	11.40	0.00****
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	15.35	0.00****
Nonminority female	0.00	20.48	0.00****
DBE total	0.00	35.83	0.00****
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.70	0.00****
Hispanic	0.00	3.59	0.00****
Asian	0.00	6.17	0.00****
Native American	0.00	0.95	0.00
Minority	0.00	24.42	0.00****
Nonminority female	0.00	16.54	0.00****
DBE total	0.00	40.96	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	0.00	17.56	0.00****
DBE total	0.00	37.82	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.21. Industry Group Utilization, Availability, and Disparity Results for MDOT CSE Contracting—All Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Manufacturing (NAICS 3361)			
African American	0.00	0.08	0.00
Hispanic	0.00	0.03	0.00
Asian	0.00	0.06	0.00
Native American	0.00	0.01	0.00
Minority	0.00	0.18	0.00
Nonminority female	0.00	0.12	0.00
DBE total	0.00	0.31	0.00
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	4.41	0.00****
Hispanic	0.00	9.80	0.00****
Asian	0.00	0.73	0.00****
Native American	0.00	0.00	0.00
Minority	0.00	14.95	0.00****
Nonminority female	0.00	18.18	0.00****
DBE total	0.00	33.13	0.00****
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.42	0.00****
Hispanic	0.00	0.51	0.00****
Asian	0.00	1.58	0.00****
Native American	0.00	0.24	0.00****
Minority	0.00	5.75	0.00****
Nonminority female	0.07	10.16	0.71****
DBE total	0.07	15.91	0.45****
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	13.43	2.14	
Hispanic	0.00	3.75	0.00****
Asian	0.00	2.23	0.00****
Native American	0.00	1.25	0.00****
Minority	13.43	9.37	
Nonminority female	0.00	7.12	0.00****
DBE total	13.43	16.49	81.42
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	2.45	8.55	28.66*
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	2.45	14.44	16.97****
Nonminority female	0.19	11.32	1.65****
DBE total	2.64	25.76	10.24****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	15.67	0.00****
Hispanic	9.78	3.78	
Asian	3.27	15.23	21.46****
Native American	0.00	1.29	0.00****
Minority	13.05	35.96	36.29***
Nonminority female	3.42	12.46	27.41**
DBE total	16.47	48.43	34.00****
Building Equipment Contractors (NAICS 2382)			
African American	23.55	10.52	
Hispanic	0.00	5.40	0.00****
Asian	0.00	1.59	0.00****
Native American	0.00	0.87	0.00****
Minority	23.55	18.37	
Nonminority female	0.69	12.53	5.49****
DBE total	24.24	30.90	78.44
Other Chemical Product and Preparation Manufacturing (NAICS 3259)			
African American	0.00	0.16	0.00
Hispanic	0.00	0.06	0.00
Asian	0.00	11.72	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	11.94	0.00****
Nonminority female	0.00	0.21	0.00
DBE total	0.00	12.15	0.00****
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.18	0.00****
Hispanic	0.00	2.97	0.00****
Asian	0.00	3.66	0.00****
Native American	0.00	0.37	0.00****
Minority	0.00	11.18	0.00****
Nonminority female	5.38	9.52	56.49
DBE total	5.38	20.70	25.99***

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00****
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	10.01	8.99	
Hispanic	0.00	1.64	0.00****
Asian	42.17	6.03	
Native American	0.00	0.59	0.00****
Minority	52.17	17.25	
Nonminority female	1.91	10.90	17.53****
DBE total	54.08	28.14	
Engine, Turbine, and Power Transmission Equipment Manufacturing (NAICS 3336)			
African American	0.00	0.62	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.32	0.00
Native American	0.00	0.00	
Minority	0.00	4.94	0.00
Nonminority female	0.00	0.62	0.00
DBE total	0.00	5.56	0.00****
Software Publishers (NAICS 5112)			
African American	6.78	11.92	56.93
Hispanic	0.00	3.54	0.00****
Asian	0.00	8.00	0.00****
Native American	0.00	0.28	0.00
Minority	6.78	23.74	28.58
Nonminority female	0.00	13.22	0.00****
DBE total	6.78	36.96	18.35****
Automotive Repair and Maintenance (NAICS 8111)			
African American	0.00	11.79	0.00****
Hispanic	0.00	7.37	0.00****
Asian	0.00	4.62	0.00****
Native American	0.00	1.01	0.00****
Minority	0.00	24.79	0.00****
Nonminority female	0.00	9.20	0.00****
DBE total	0.00	34.00	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Agriculture, Construction, and Mining Machinery Manufacturing (NAICS 3331)			
African American	0.00	4.93	0.00****
Hispanic	0.00	1.76	0.00****
Asian	0.00	2.29	0.00****
Native American	0.00	0.35	0.00
Minority	0.00	9.34	0.00****
Nonminority female	0.00	9.60	0.00****
DBE total	0.00	18.94	0.00****
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.93	0.00****
Hispanic	0.00	0.13	0.00****
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	0.00	3.14	0.00****
Nonminority female	61.29	0.59	
DBE total	61.29	3.73	
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	16.25	7.29	
Hispanic	1.09	2.12	51.58
Asian	1.02	5.00	20.38****
Native American	0.00	1.36	0.00****
Minority	18.37	15.77	
Nonminority female	8.88	10.30	86.14
DBE total	27.24	26.08	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	5.32	0.00****
Hispanic	0.14	2.16	6.25****
Asian	19.52	1.40	
Native American	0.00	0.71	0.00****
Minority	19.65	9.60	
Nonminority female	48.26	12.94	
DBE total	67.91	22.54	
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	0.00	9.50	0.00****
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00****
Minority	0.00	17.74	0.00****
Nonminority female	0.00	12.18	0.00****
DBE total	0.00	29.92	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.75	2.09	35.74
Asian	0.00	1.03	0.00****
Native American	0.00	0.05	0.00
Minority	0.75	5.53	13.51****
Nonminority female	2.49	29.31	8.50****
DBE total	3.24	34.84	9.30****
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.08	0.00
Hispanic	0.00	0.02	0.00
Asian	0.00	0.03	0.00
Native American	0.00	0.01	0.00
Minority	0.00	0.14	0.00
Nonminority female	51.97	11.87	
DBE total	51.97	12.01	
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	1.88	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	6.03	0.00****
Minority	0.00	8.02	0.00****
Nonminority female	73.66	12.75	
DBE total	73.66	20.77	
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00****
Hispanic	0.00	2.71	0.00****
Asian	0.00	2.96	0.00****
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	5.51	0.00****
Hispanic	0.00	0.04	0.00
Asian	10.09	0.07	
Native American	0.00	0.39	0.00****
Minority	10.09	6.02	
Nonminority female	88.26	14.58	
DBE total	98.35	20.59	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	6.53	0.00****
Hispanic	0.00	2.33	0.00****
Asian	0.00	3.03	0.00****
Native American	0.00	0.47	0.00
Minority	0.00	12.36	0.00****
Nonminority female	0.00	8.63	0.00****
DBE total	0.00	20.99	0.00****
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.64	0.00****
Hispanic	0.00	0.23	0.00
Asian	0.00	0.30	0.00
Native American	0.00	0.05	0.00
Minority	0.00	1.21	0.00****
Nonminority female	0.00	7.55	0.00****
DBE total	0.00	8.76	0.00****
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.63	1.29	48.53
Hispanic	0.00	0.00	
Asian	0.00	2.80	0.00****
Native American	0.00	0.00	
Minority	0.63	4.10	15.33*
Nonminority female	2.96	4.13	71.51
DBE total	3.58	8.23	43.55
Support Activities for Rail Transportation (NAICS 4882)			
African American	0.00	18.21	0.00****
Hispanic	0.00	12.34	0.00****
Asian	0.00	3.80	0.00****
Native American	0.00	2.17	0.00****
Minority	0.00	36.52	0.00****
Nonminority female	0.00	13.75	0.00****
DBE total	0.00	50.27	0.00****
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	0.00	11.87	0.00****
DBE total	0.00	32.62	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Plastics Product Manufacturing (NAICS 3261)			
African American	0.00	5.22	0.00****
Hispanic	0.00	1.11	0.00
Asian	0.00	4.56	0.00****
Native American	0.00	0.17	0.00
Minority	0.00	11.06	0.00****
Nonminority female	0.00	9.90	0.00****
DBE total	0.00	20.96	0.00****
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00****
Hispanic	0.00	1.60	0.00****
Asian	0.00	5.27	0.00****
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	0.00	17.92	0.00****
DBE total	0.00	30.59	0.00****
Automotive Parts, Accessories, and Tire Stores (NAICS 4413)			
African American	0.00	2.33	0.00****
Hispanic	0.00	0.73	0.00
Asian	0.00	1.21	0.00
Native American	0.00	0.72	0.00
Minority	0.00	5.00	0.00****
Nonminority female	0.00	3.18	0.00****
DBE total	0.00	8.18	0.00****
Other Transit and Ground Passenger Transportation (NAICS 4859)			
African American	0.00	29.55	0.00****
Hispanic	0.00	4.35	0.00****
Asian	0.00	3.85	0.00****
Native American	0.00	0.80	0.00
Minority	0.00	38.55	0.00****
Nonminority female	0.00	14.10	0.00****
DBE total	0.00	52.65	0.00****
Investigation and Security Services (NAICS 5616)			
African American	11.36	19.41	58.53
Hispanic	0.00	1.17	0.00****
Asian	0.00	6.00	0.00****
Native American	0.00	0.96	0.00****
Minority	11.36	27.53	41.26
Nonminority female	0.00	11.84	0.00****
DBE total	11.36	39.37	28.85**

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	25.52	0.00****
Hispanic	0.00	2.54	0.00****
Asian	0.00	3.30	0.00****
Native American	0.00	1.19	0.00****
Minority	0.00	32.55	0.00****
Nonminority female	0.00	11.44	0.00****
DBE total	0.00	43.99	0.00****
Building Material and Supplies Dealers (NAICS 4441)			
African American	0.00	6.65	0.00****
Hispanic	0.00	2.08	0.00****
Asian	0.00	2.84	0.00****
Native American	0.00	0.52	0.00****
Minority	0.00	12.10	0.00****
Nonminority female	0.00	10.06	0.00****
DBE total	0.00	22.16	0.00****
Chemical and Allied Products Merchant Wholesalers (NAICS 4246)			
African American	5.13	6.23	82.47
Hispanic	0.00	4.13	0.00****
Asian	0.00	7.07	0.00****
Native American	0.00	1.19	0.00****
Minority	5.13	18.62	27.58
Nonminority female	7.96	6.46	
DBE total	13.10	25.08	52.24
Automotive Equipment Rental and Leasing (NAICS 5321)			
African American	0.00	8.45	0.00****
Hispanic	0.00	3.20	0.00****
Asian	0.00	4.35	0.00****
Native American	0.00	0.87	0.00
Minority	0.00	16.87	0.00****
Nonminority female	0.00	12.66	0.00****
DBE total	0.00	29.53	0.00****
Other Fabricated Metal Product Manufacturing (NAICS 3329)			
African American	0.00	0.19	0.00
Hispanic	0.00	1.51	0.00****
Asian	0.00	2.42	0.00****
Native American	0.00	4.43	0.00****
Minority	0.00	8.55	0.00****
Nonminority female	0.00	18.69	0.00****
DBE total	0.00	27.24	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	2.03	0.00****
Hispanic	0.00	2.84	0.00****
Asian	0.00	1.96	0.00****
Native American	0.00	0.16	0.00
Minority	0.00	6.99	0.00****
Nonminority female	0.00	16.34	0.00****
DBE total	0.00	23.33	0.00****
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	0.00	17.56	0.00****
DBE total	0.00	37.82	0.00****
Offices of Other Health Practitioners (NAICS 6213)			
African American	0.00	4.99	0.00
Hispanic	0.00	0.95	0.00
Asian	0.00	2.33	0.00
Native American	0.00	2.25	0.00
Minority	0.00	10.52	0.00
Nonminority female	0.00	23.13	0.00****
DBE total	0.00	33.65	0.00****
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	0.00	4.93	0.00****
DBE total	0.00	58.36	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Clothing Stores (NAICS 4481)			
African American	0.00	12.44	0.00****
Hispanic	0.00	3.59	0.00
Asian	0.00	5.89	0.00****
Native American	0.00	1.00	0.00
Minority	0.00	22.92	0.00****
Nonminority female	0.00	18.59	0.00****
DBE total	0.00	41.51	0.00****
Newspaper, Periodical, Book, and Directory Publishers (NAICS 5111)			
African American	0.00	15.30	0.00****
Hispanic	0.00	1.56	0.00****
Asian	0.00	1.63	0.00****
Native American	0.00	2.40	0.00****
Minority	0.00	20.89	0.00****
Nonminority female	0.00	19.90	0.00****
DBE total	0.00	40.80	0.00****
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	0.00	5.97	0.00****
Hispanic	0.00	2.13	0.00****
Asian	0.00	2.77	0.00****
Native American	0.00	0.43	0.00
Minority	0.00	11.31	0.00****
Nonminority female	39.64	15.48	
DBE total	39.64	26.79	
Wired Telecommunications Carriers (NAICS 5171)			
African American	0.00	14.59	0.00****
Hispanic	0.00	0.20	0.00
Asian	0.00	2.02	0.00
Native American	0.00	0.05	0.00
Minority	0.00	16.86	0.00****
Nonminority female	0.00	6.34	0.00****
DBE total	0.00	23.20	0.00****
Household and Institutional Furniture and Kitchen Cabinet Manufacturing (NAICS 3371)			
African American	0.00	13.46	0.00****
Hispanic	0.00	0.00	
Asian	0.00	8.12	0.00****
Native American	0.00	0.00	
Minority	0.00	21.58	0.00****
Nonminority female	0.00	15.81	0.00****
DBE total	0.00	37.39	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Services to Buildings and Dwellings (NAICS 5617)			
African American	0.00	16.65	0.00****
Hispanic	0.00	2.83	0.00****
Asian	0.00	2.56	0.00****
Native American	0.00	2.41	0.00****
Minority	0.00	24.45	0.00****
Nonminority female	4.00	11.31	35.39****
DBE total	4.00	35.76	11.19****
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Glass and Glass Product Manufacturing (NAICS 3272)			
African American	0.00	12.34	0.00****
Hispanic	0.00	4.39	0.00****
Asian	0.00	4.63	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	22.26	0.00****
Nonminority female	0.00	17.86	0.00****
DBE total	0.00	40.12	0.00****
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	0.00	16.46	0.00****
DBE total	0.00	34.11	0.00****
Nonresidential Building Construction (NAICS 2362)			
African American	0.00	12.17	0.00****
Hispanic	0.00	6.74	0.00****
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	0.00	25.46	0.00****
Nonminority female	0.00	10.01	0.00****
DBE total	0.00	35.47	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Miscellaneous Nondurable Goods Merchant Wholesalers (NAICS 4249)			
African American	0.00	11.99	0.00****
Hispanic	0.00	3.89	0.00****
Asian	0.00	5.55	0.00****
Native American	0.00	0.94	0.00****
Minority	0.00	22.37	0.00****
Nonminority female	0.00	17.23	0.00****
DBE total	0.00	39.60	0.00****
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	9.18	0.00****
Hispanic	0.00	3.06	0.00****
Asian	0.00	2.56	0.00****
Native American	0.00	2.00	0.00****
Minority	0.00	16.80	0.00****
Nonminority female	0.00	11.54	0.00****
DBE total	0.00	28.34	0.00****
Facilities Support Services (NAICS 5612)			
African American	0.00	26.39	0.00****
Hispanic	0.00	3.77	0.00
Asian	0.00	2.52	0.00
Native American	0.00	1.15	0.00
Minority	0.00	33.83	0.00****
Nonminority female	0.00	9.10	0.00****
DBE total	0.00	42.92	0.00****
Other General Purpose Machinery Manufacturing (NAICS 3339)			
African American	0.00	9.78	0.00****
Hispanic	0.00	3.08	0.00****
Asian	0.00	7.51	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	21.11	0.00****
Nonminority female	0.00	14.87	0.00****
DBE total	0.00	35.99	0.00****
Metalworking Machinery Manufacturing (NAICS 3335)			
African American	0.00	11.31	0.00****
Hispanic	0.00	3.48	0.00
Asian	0.00	6.98	0.00****
Native American	0.00	1.27	0.00
Minority	0.00	23.04	0.00****
Nonminority female	0.00	19.01	0.00****
DBE total	0.00	42.05	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Paper and Paper Product Merchant Wholesalers (NAICS 4241)			
African American	12.37	13.25	93.39
Hispanic	0.00	3.47	0.00
Asian	0.00	4.58	0.00****
Native American	0.00	0.91	0.00
Minority	12.37	22.21	55.71
Nonminority female	0.00	16.14	0.00****
DBE total	12.37	38.35	32.26
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	6.67	0.00****
Hispanic	0.00	3.47	0.00****
Asian	0.00	2.29	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	12.82	0.00****
Nonminority female	0.00	10.99	0.00****
DBE total	0.00	23.81	0.00****
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.00	7.40	0.00****
Hispanic	0.00	9.29	0.00****
Asian	0.00	4.35	0.00****
Native American	0.00	1.15	0.00****
Minority	0.00	22.20	0.00****
Nonminority female	0.00	12.23	0.00****
DBE total	0.00	34.42	0.00****
Semiconductor and Other Electronic Component Manufacturing (NAICS 3344)			
African American	0.00	3.11	0.00****
Hispanic	0.00	0.11	0.00
Asian	0.00	0.15	0.00
Native American	0.00	0.05	0.00
Minority	0.00	3.42	0.00****
Nonminority female	0.00	7.64	0.00****
DBE total	0.00	11.06	0.00****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00****
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00****
Nonminority female	0.00	3.00	0.00
DBE total	0.00	12.38	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00****
Minority	0.00	14.61	0.00****
Nonminority female	0.00	10.28	0.00****
DBE total	0.00	24.89	0.00****
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.54	0.00****
Hispanic	0.00	4.23	0.00****
Asian	0.00	4.41	0.00****
Native American	0.00	0.77	0.00
Minority	0.00	22.95	0.00****
Nonminority female	0.00	14.36	0.00****
DBE total	0.00	37.31	0.00****
Other Ambulatory Health Care Services (NAICS 6219)			
African American	0.00	16.61	0.00****
Hispanic	0.00	3.47	0.00
Asian	0.00	4.64	0.00
Native American	0.00	1.01	0.00
Minority	0.00	25.72	0.00****
Nonminority female	0.00	17.37	0.00****
DBE total	0.00	43.10	0.00****
Forging and Stamping (NAICS 3321)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	28.89	0.00****
DBE total	0.00	28.89	0.00****
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00****
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00****
DBE total	0.00	63.02	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.00	7.68	0.00****
Hispanic	0.00	4.62	0.00****
Asian	0.00	1.70	0.00****
Native American	0.00	0.34	0.00
Minority	0.00	14.33	0.00****
Nonminority female	0.00	26.75	0.00****
DBE total	0.00	41.08	0.00****
Couriers and Express Delivery Services (NAICS 4921)			
African American	0.00	24.20	0.00****
Hispanic	0.00	3.10	0.00
Asian	0.00	0.10	0.00
Native American	0.00	2.52	0.00
Minority	0.00	29.93	0.00****
Nonminority female	0.00	1.80	0.00
DBE total	0.00	31.73	0.00****
Building Finishing Contractors (NAICS 2383)			
African American	99.25	7.24	
Hispanic	0.00	8.08	0.00****
Asian	0.00	4.53	0.00****
Native American	0.00	0.09	0.00
Minority	99.25	19.93	
Nonminority female	0.00	10.59	0.00****
DBE total	99.25	30.53	
Rubber Product Manufacturing (NAICS 3262)			
African American	0.00	38.74	0.00****
Hispanic	0.00	1.65	0.00
Asian	0.00	3.31	0.00
Native American	0.00	1.09	0.00
Minority	0.00	44.79	0.00****
Nonminority female	0.00	26.68	0.00****
DBE total	0.00	71.47	0.00****
Other Amusement and Recreation Industries (NAICS 7139)			
African American	0.00	12.64	0.00
Hispanic	0.00	3.74	0.00
Asian	0.00	5.20	0.00
Native American	0.00	0.94	0.00
Minority	0.00	22.52	0.00****
Nonminority female	0.00	17.69	0.00****
DBE total	0.00	40.20	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Depository Credit Intermediation (NAICS 5221)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.00	0.00
Asian	0.00	0.42	0.00
Native American	0.00	0.00	0.00
Minority	0.00	0.61	0.00
Nonminority female	0.00	0.44	0.00
DBE total	0.00	1.06	0.00
Accounting, Tax Preparation, Bookkeeping, and Payroll Services (NAICS 5412)			
African American	0.00	4.60	0.00
Hispanic	0.00	1.87	0.00
Asian	0.00	6.08	0.00
Native American	0.00	0.10	0.00
Minority	0.00	12.65	0.00****
Nonminority female	0.00	25.08	0.00****
DBE total	0.00	37.72	0.00****
Furniture and Home Furnishing Merchant Wholesalers (NAICS 4232)			
African American	0.00	13.94	0.00****
Hispanic	0.00	3.66	0.00
Asian	0.00	5.26	0.00****
Native American	0.00	0.98	0.00
Minority	0.00	23.83	0.00****
Nonminority female	0.00	18.45	0.00****
DBE total	0.00	42.28	0.00****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	0.00	2.08	0.00****
Hispanic	0.00	5.23	0.00****
Asian	0.00	1.46	0.00****
Native American	0.00	2.19	0.00****
Minority	0.00	10.96	0.00****
Nonminority female	0.00	12.74	0.00****
DBE total	0.00	23.69	0.00****
Metal and Mineral (except Petroleum) Merchant Wholesalers (NAICS 4235)			
African American	0.00	10.28	0.00****
Hispanic	0.00	0.06	0.00
Asian	42.25	7.17	
Native American	0.00	0.04	0.00
Minority	42.25	17.55	
Nonminority female	0.00	18.00	0.00****
DBE total	42.25	35.55	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Coating, Engraving, Heat Treating, and Allied Activities (NAICS 3328)			
African American	0.00	11.31	0.00
Hispanic	0.00	4.51	0.00
Asian	0.00	4.97	0.00
Native American	0.00	0.90	0.00
Minority	0.00	21.69	0.00****
Nonminority female	0.00	17.75	0.00****
DBE total	0.00	39.44	0.00****

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.22. Industry Group Utilization, Availability, and Disparity Results for MDOT CSE Contracting—All Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Manufacturing (NAICS 3361)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Communications Equipment Manufacturing (NAICS 3342)			
African American	0.00	4.42	0.00****
Hispanic	0.00	9.77	0.00****
Asian	0.00	0.75	0.00****
Native American	0.00	0.00	0.00
Minority	0.00	14.94	0.00****
Nonminority female	0.00	18.14	0.00****
DBE total	0.00	33.08	0.00****
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.30	0.00****
Hispanic	0.00	0.46	0.00****
Asian	0.00	1.56	0.00****
Native American	0.00	0.24	0.00***
Minority	0.00	5.57	0.00****
Nonminority female	0.09	9.97	0.91****
DBE total	0.09	15.54	0.59****
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	0.12	8.55	1.41****
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	0.12	14.44	0.83****
Nonminority female	0.00	11.32	0.00****
DBE total	0.12	25.76	0.47****
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	5.97	1.59	
Hispanic	0.00	3.59	0.00****
Asian	0.00	2.30	0.00****
Native American	0.00	1.20	0.00****
Minority	5.97	8.68	68.77
Nonminority female	0.00	6.92	0.00****
DBE total	5.97	15.60	38.25*

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer Systems Design and Related Services (NAICS 5415)			
African American	0.00	15.76	0.00****
Hispanic	10.30	3.74	
Asian	3.41	15.12	22.57***
Native American	0.00	1.28	0.00****
Minority	13.71	35.90	38.19***
Nonminority female	3.48	12.50	27.82**
DBE total	17.19	48.40	35.51****
Building Equipment Contractors (NAICS 2382)			
African American	23.87	10.56	
Hispanic	0.00	5.41	0.00****
Asian	0.00	1.59	0.00****
Native American	0.00	0.87	0.00****
Minority	23.87	18.43	
Nonminority female	0.70	12.53	5.56****
DBE total	24.57	30.96	79.37
Railroad Rolling Stock Manufacturing (NAICS 3365)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.16	0.00****
Hispanic	0.00	3.11	0.00****
Asian	0.00	3.76	0.00****
Native American	0.00	0.33	0.00***
Minority	0.00	11.37	0.00****
Nonminority female	3.28	9.59	34.22***
DBE total	3.28	20.95	15.66****
Other Chemical Product and Preparation Manufacturing (NAICS 3259)			
African American	0.00	0.16	0.00
Hispanic	0.00	0.06	0.00
Asian	0.00	11.72	0.00****
Native American	0.00	0.01	0.00
Minority	0.00	11.94	0.00****
Nonminority female	0.00	0.21	0.00
DBE total	0.00	12.15	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Engine, Turbine, and Power Transmission Equipment Manufacturing (NAICS 3336)			
African American	0.00	0.62	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.32	0.00
Native American	0.00	0.00	
Minority	0.00	4.94	0.00
Nonminority female	0.00	0.62	0.00
DBE total	0.00	5.56	0.00****
Professional and Commercial Equipment and Supplies Merchant Wholesalers (NAICS 4234)			
African American	5.00	8.56	58.49
Hispanic	0.00	1.61	0.00****
Asian	43.94	6.28	
Native American	0.00	0.63	0.00***
Minority	48.94	17.08	
Nonminority female	2.07	10.62	19.50****
DBE total	51.01	27.70	
Software Publishers (NAICS 5112)			
African American	6.79	11.92	56.94
Hispanic	0.00	3.54	0.00****
Asian	0.00	8.00	0.00****
Native American	0.00	0.28	0.00
Minority	6.79	23.74	28.58***
Nonminority female	0.00	13.22	0.00****
DBE total	6.79	36.96	18.36****
Natural Gas Distribution (NAICS 2212)			
African American	0.00	5.63	0.00
Hispanic	0.00	0.00	
Asian	0.00	4.87	0.00
Native American	0.00	0.00	
Minority	0.00	10.50	0.00
Nonminority female	0.00	0.00	
DBE total	0.00	10.50	0.00
Architectural, Engineering, and Related Services (NAICS 5413)			
African American	16.49	7.29	
Hispanic	1.11	2.12	52.33
Asian	1.03	5.00	20.68****
Native American	0.00	1.36	0.00****
Minority	18.64	15.77	
Nonminority female	8.88	10.30	86.25
DBE total	27.52	26.07	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Agriculture, Construction, and Mining Machinery Manufacturing (NAICS 3331)			
African American	0.00	4.77	0.00****
Hispanic	0.00	1.70	0.00***
Asian	0.00	2.21	0.00****
Native American	0.00	0.34	0.00
Minority	0.00	9.03	0.00****
Nonminority female	0.00	9.46	0.00****
DBE total	0.00	18.49	0.00****
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	5.24	0.00****
Hispanic	0.15	2.14	6.96****
Asian	21.61	1.46	
Native American	0.00	0.70	0.00****
Minority	21.76	9.54	
Nonminority female	53.45	13.69	
DBE total	75.21	23.23	
Wireless Telecommunications Carriers (except Satellite) (NAICS 5172)			
African American	0.00	9.50	0.00****
Hispanic	0.00	3.00	0.00****
Asian	0.00	4.55	0.00****
Native American	0.00	0.68	0.00***
Minority	0.00	17.74	0.00****
Nonminority female	0.00	12.18	0.00****
DBE total	0.00	29.92	0.00****
Other Miscellaneous Manufacturing (NAICS 3399)			
African American	0.00	2.36	0.00****
Hispanic	0.77	2.09	37.00
Asian	0.00	1.03	0.00**
Native American	0.00	0.05	0.00
Minority	0.77	5.53	13.99****
Nonminority female	0.79	29.31	2.71****
DBE total	1.57	34.84	4.50****
Automotive Repair and Maintenance (NAICS 8111)			
African American	0.00	11.41	0.00****
Hispanic	0.00	7.22	0.00****
Asian	0.00	4.65	0.00****
Native American	0.00	1.18	0.00****
Minority	0.00	24.46	0.00****
Nonminority female	0.00	9.38	0.00****
DBE total	0.00	33.84	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Electrical Equipment Manufacturing (NAICS 3353)			
African American	0.00	0.08	0.00
Hispanic	0.00	0.02	0.00
Asian	0.00	0.03	0.00
Native American	0.00	0.01	0.00
Minority	0.00	0.14	0.00
Nonminority female	52.69	11.85	
DBE total	52.69	11.99	
Electric Lighting Equipment Manufacturing (NAICS 3351)			
African American	0.00	1.88	0.00****
Hispanic	0.00	0.04	0.00
Asian	0.00	0.07	0.00
Native American	0.00	6.03	0.00****
Minority	0.00	8.02	0.00****
Nonminority female	73.66	12.75	
DBE total	73.66	20.77	
Automobile Dealers (NAICS 4411)			
African American	0.00	4.17	0.00**
Hispanic	0.00	2.71	0.00**
Asian	0.00	2.96	0.00**
Native American	0.00	0.05	0.00
Minority	0.00	9.89	0.00****
Nonminority female	0.00	10.16	0.00****
DBE total	0.00	20.05	0.00****
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	7.14	0.00****
DBE total	0.00	7.14	0.00****
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	5.21	0.00****
Hispanic	0.00	0.04	0.00
Asian	13.37	0.07	
Native American	0.00	0.46	0.00****
Minority	13.37	5.78	
Nonminority female	84.40	14.31	
DBE total	97.77	20.09	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Highway, Street, and Bridge Construction (NAICS 2373)			
African American	0.00	13.59	0.00****
Hispanic	0.00	3.09	0.00****
Asian	0.00	3.70	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	20.75	0.00****
Nonminority female	0.00	11.87	0.00****
DBE total	0.00	32.62	0.00****
Support Activities for Rail Transportation (NAICS 4882)			
African American	0.00	18.21	0.00****
Hispanic	0.00	12.34	0.00****
Asian	0.00	3.80	0.00****
Native American	0.00	2.17	0.00****
Minority	0.00	36.52	0.00****
Nonminority female	0.00	13.75	0.00****
DBE total	0.00	50.27	0.00****
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.95	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	0.00	3.08	0.00****
Nonminority female	13.60	0.19	
DBE total	13.60	3.27	
Plastics Product Manufacturing (NAICS 3261)			
African American	0.00	5.22	0.00****
Hispanic	0.00	1.11	0.00
Asian	0.00	4.56	0.00****
Native American	0.00	0.17	0.00
Minority	0.00	11.06	0.00****
Nonminority female	0.00	9.90	0.00****
DBE total	0.00	20.96	0.00****
Motor Vehicle Parts Manufacturing (NAICS 3363)			
African American	0.00	7.84	0.00****
Hispanic	0.00	2.80	0.00****
Asian	0.00	3.64	0.00****
Native American	0.00	0.56	0.00
Minority	0.00	14.85	0.00****
Nonminority female	0.00	10.36	0.00****
DBE total	0.00	25.21	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (NAICS 4237)			
African American	0.90	1.29	69.56
Hispanic	0.00	0.00	
Asian	0.00	2.80	0.00****
Native American	0.00	0.00	
Minority	0.90	4.10	21.98
Nonminority female	4.21	4.13	
DBE total	5.11	8.23	62.07
Other Electrical Equipment and Component Manufacturing (NAICS 3359)			
African American	0.00	25.52	0.00****
Hispanic	0.00	2.54	0.00****
Asian	0.00	3.30	0.00****
Native American	0.00	1.19	0.00
Minority	0.00	32.55	0.00****
Nonminority female	0.00	11.44	0.00****
DBE total	0.00	43.99	0.00****
Investigation and Security Services (NAICS 5616)			
African American	11.57	19.34	59.80
Hispanic	0.00	1.14	0.00***
Asian	0.00	6.14	0.00****
Native American	0.00	0.93	0.00***
Minority	11.57	27.55	41.99
Nonminority female	0.00	11.85	0.00****
DBE total	11.57	39.40	29.36
Other Fabricated Metal Product Manufacturing (NAICS 3329)			
African American	0.00	0.19	0.00
Hispanic	0.00	1.51	0.00****
Asian	0.00	2.42	0.00****
Native American	0.00	4.43	0.00****
Minority	0.00	8.55	0.00****
Nonminority female	0.00	18.69	0.00****
DBE total	0.00	27.24	0.00****
Automotive Equipment Rental and Leasing (NAICS 5321)			
African American	0.00	8.37	0.00****
Hispanic	0.00	3.16	0.00****
Asian	0.00	4.33	0.00****
Native American	0.00	0.88	0.00
Minority	0.00	16.73	0.00****
Nonminority female	0.00	12.54	0.00****
DBE total	0.00	29.27	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Building Material and Supplies Dealers (NAICS 4441)			
African American	0.00	6.65	0.00****
Hispanic	0.00	2.08	0.00****
Asian	0.00	2.84	0.00****
Native American	0.00	0.52	0.00****
Minority	0.00	12.10	0.00****
Nonminority female	0.00	10.06	0.00****
DBE total	0.00	22.16	0.00****
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (NAICS 3345)			
African American	0.00	2.07	0.00**
Hispanic	0.00	2.83	0.00**
Asian	0.00	2.00	0.00**
Native American	0.00	0.16	0.00
Minority	0.00	7.07	0.00****
Nonminority female	0.00	16.31	0.00****
DBE total	0.00	23.38	0.00****
Automotive Parts, Accessories, and Tire Stores (NAICS 4413)			
African American	0.00	2.33	0.00****
Hispanic	0.00	0.73	0.00
Asian	0.00	1.21	0.00
Native American	0.00	0.72	0.00
Minority	0.00	5.00	0.00****
Nonminority female	0.00	3.18	0.00****
DBE total	0.00	8.18	0.00****
Chemical and Allied Products Merchant Wholesalers (NAICS 4246)			
African American	6.05	6.23	97.15
Hispanic	0.00	4.13	0.00****
Asian	0.00	7.07	0.00****
Native American	0.00	1.19	0.00****
Minority	6.05	18.62	32.49*
Nonminority female	9.17	6.46	
DBE total	15.22	25.08	60.68
Other Transit and Ground Passenger Transportation (NAICS 4859)			
African American	0.00	29.55	0.00****
Hispanic	0.00	4.35	0.00****
Asian	0.00	3.85	0.00****
Native American	0.00	0.80	0.00
Minority	0.00	38.55	0.00****
Nonminority female	0.00	14.10	0.00****
DBE total	0.00	52.65	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Iron and Steel Mills and Ferroalloy Manufacturing (NAICS 3311)			
African American	0.00	12.67	0.00****
Hispanic	0.00	6.33	0.00****
Asian	0.00	6.33	0.00****
Native American	0.00	0.00	
Minority	0.00	25.34	0.00****
Nonminority female	0.00	12.67	0.00****
DBE total	0.00	38.01	0.00****
Offices of Other Health Practitioners (NAICS 6213)			
African American	0.00	4.99	0.00
Hispanic	0.00	0.95	0.00
Asian	0.00	2.33	0.00
Native American	0.00	2.25	0.00
Minority	0.00	10.52	0.00
Nonminority female	0.00	23.13	0.00****
DBE total	0.00	33.65	0.00****
Printing and Related Support Activities (NAICS 3231)			
African American	0.00	4.82	0.00***
Hispanic	0.00	1.60	0.00
Asian	0.00	5.27	0.00***
Native American	0.00	0.98	0.00
Minority	0.00	12.67	0.00****
Nonminority female	0.00	17.92	0.00****
DBE total	0.00	30.59	0.00****
Other Support Activities for Transportation (NAICS 4889)			
African American	0.00	30.32	0.00****
Hispanic	0.00	15.93	0.00****
Asian	0.00	7.11	0.00****
Native American	0.00	0.06	0.00
Minority	0.00	53.42	0.00****
Nonminority female	0.00	4.93	0.00****
DBE total	0.00	58.36	0.00****
Newspaper, Periodical, Book, and Directory Publishers (NAICS 5111)			
African American	0.00	15.30	0.00****
Hispanic	0.00	1.56	0.00
Asian	0.00	1.63	0.00
Native American	0.00	2.40	0.00**
Minority	0.00	20.89	0.00****
Nonminority female	0.00	19.90	0.00****
DBE total	0.00	40.80	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Miscellaneous Durable Goods Merchant Wholesalers (NAICS 4239)			
African American	0.00	10.59	0.00****
Hispanic	0.00	3.98	0.00****
Asian	0.00	5.58	0.00****
Native American	0.00	0.11	0.00
Minority	0.00	20.27	0.00****
Nonminority female	0.00	17.56	0.00****
DBE total	0.00	37.82	0.00****
Wired Telecommunications Carriers (NAICS 5171)			
African American	0.00	14.59	0.00****
Hispanic	0.00	0.20	0.00
Asian	0.00	2.02	0.00
Native American	0.00	0.05	0.00
Minority	0.00	16.86	0.00****
Nonminority female	0.00	6.34	0.00****
DBE total	0.00	23.20	0.00****
Household and Institutional Furniture and Kitchen Cabinet Manufacturing (NAICS 3371)			
African American	0.00	13.46	0.00****
Hispanic	0.00	0.00	
Asian	0.00	8.12	0.00****
Native American	0.00	0.00	
Minority	0.00	21.58	0.00****
Nonminority female	0.00	15.81	0.00****
DBE total	0.00	37.39	0.00****
Commercial and Service Industry Machinery Manufacturing (NAICS 3333)			
African American	0.00	11.19	0.00****
Hispanic	0.00	0.00	
Asian	0.00	1.89	0.00
Native American	0.00	0.00	
Minority	0.00	13.07	0.00****
Nonminority female	0.00	16.24	0.00****
DBE total	0.00	29.31	0.00****
Services to Buildings and Dwellings (NAICS 5617)			
African American	0.00	16.65	0.00****
Hispanic	0.00	2.83	0.00****
Asian	0.00	2.56	0.00****
Native American	0.00	2.41	0.00****
Minority	0.00	24.45	0.00****
Nonminority female	4.25	11.31	37.56**
DBE total	4.25	35.76	11.88****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Glass and Glass Product Manufacturing (NAICS 3272)			
African American	0.00	12.34	0.00****
Hispanic	0.00	4.39	0.00****
Asian	0.00	4.63	0.00****
Native American	0.00	0.89	0.00
Minority	0.00	22.26	0.00****
Nonminority female	0.00	17.86	0.00****
DBE total	0.00	40.12	0.00****
Nonresidential Building Construction (NAICS 2362)			
African American	0.00	12.17	0.00****
Hispanic	0.00	6.74	0.00****
Asian	0.00	4.46	0.00****
Native American	0.00	2.09	0.00****
Minority	0.00	25.46	0.00****
Nonminority female	0.00	10.01	0.00****
DBE total	0.00	35.47	0.00****
Clothing Stores (NAICS 4481)			
African American	0.00	12.44	0.00****
Hispanic	0.00	3.59	0.00
Asian	0.00	5.89	0.00
Native American	0.00	1.00	0.00
Minority	0.00	22.92	0.00****
Nonminority female	0.00	18.59	0.00****
DBE total	0.00	41.51	0.00****
Miscellaneous Nondurable Goods Merchant Wholesalers (NAICS 4249)			
African American	0.00	11.99	0.00****
Hispanic	0.00	3.89	0.00****
Asian	0.00	5.55	0.00****
Native American	0.00	0.94	0.00****
Minority	0.00	22.37	0.00****
Nonminority female	0.00	17.23	0.00****
DBE total	0.00	39.60	0.00****
Petroleum and Coal Products Manufacturing (NAICS 3241)			
African American	0.00	4.40	0.00****
Hispanic	0.00	1.57	0.00
Asian	0.00	2.04	0.00
Native American	0.00	0.31	0.00
Minority	0.00	8.32	0.00****
Nonminority female	61.99	17.68	
DBE total	61.99	26.00	

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Facilities Support Services (NAICS 5612)			
African American	0.00	26.39	0.00****
Hispanic	0.00	3.77	0.00
Asian	0.00	2.52	0.00
Native American	0.00	1.15	0.00
Minority	0.00	33.83	0.00****
Nonminority female	0.00	9.10	0.00****
DBE total	0.00	42.92	0.00****
Other General Purpose Machinery Manufacturing (NAICS 3339)			
African American	0.00	9.78	0.00****
Hispanic	0.00	3.08	0.00****
Asian	0.00	7.51	0.00****
Native American	0.00	0.75	0.00
Minority	0.00	21.11	0.00****
Nonminority female	0.00	14.87	0.00****
DBE total	0.00	35.99	0.00****
Metalworking Machinery Manufacturing (NAICS 3335)			
African American	0.00	11.31	0.00****
Hispanic	0.00	3.48	0.00
Asian	0.00	6.98	0.00
Native American	0.00	1.27	0.00
Minority	0.00	23.04	0.00****
Nonminority female	0.00	19.01	0.00****
DBE total	0.00	42.05	0.00****
Commercial and Industrial Machinery and Equipment Rental and Leasing (NAICS 5324)			
African American	0.00	6.69	0.00****
Hispanic	0.00	3.47	0.00****
Asian	0.00	2.30	0.00****
Native American	0.00	0.38	0.00****
Minority	0.00	12.85	0.00****
Nonminority female	0.00	11.01	0.00****
DBE total	0.00	23.86	0.00****
Support Activities for Road Transportation (NAICS 4884)			
African American	0.00	6.71	0.00****
Hispanic	0.00	9.01	0.00****
Asian	0.00	0.15	0.00
Native American	0.00	1.78	0.00****
Minority	0.00	17.65	0.00****
Nonminority female	0.00	16.46	0.00****
DBE total	0.00	34.11	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Semiconductor and Other Electronic Component Manufacturing (NAICS 3344)			
African American	0.00	3.11	0.00
Hispanic	0.00	0.11	0.00
Asian	0.00	0.15	0.00
Native American	0.00	0.05	0.00
Minority	0.00	3.42	0.00****
Nonminority female	0.00	7.64	0.00****
DBE total	0.00	11.06	0.00****
Other Specialty Trade Contractors (NAICS 2389)			
African American	0.00	7.40	0.00****
Hispanic	0.00	9.29	0.00****
Asian	0.00	4.35	0.00****
Native American	0.00	1.15	0.00****
Minority	0.00	22.20	0.00****
Nonminority female	0.00	12.23	0.00****
DBE total	0.00	34.42	0.00****
Paper and Paper Product Merchant Wholesalers (NAICS 4241)			
African American	1.82	13.25	13.76
Hispanic	0.00	3.47	0.00
Asian	0.00	4.58	0.00
Native American	0.00	0.91	0.00
Minority	1.82	22.21	8.21
Nonminority female	0.00	16.14	0.00
DBE total	1.82	38.35	4.75*
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing (NAICS 3327)			
African American	0.00	1.09	0.00
Hispanic	0.00	2.37	0.00**
Asian	0.00	0.01	0.00
Native American	0.00	3.14	0.00**
Minority	0.00	6.61	0.00****
Nonminority female	0.00	6.87	0.00****
DBE total	0.00	13.48	0.00****
Other Heavy and Civil Engineering Construction (NAICS 2379)			
African American	0.00	8.76	0.00****
Hispanic	0.00	1.99	0.00****
Asian	0.00	3.41	0.00****
Native American	0.00	0.45	0.00***
Minority	0.00	14.61	0.00****
Nonminority female	0.00	10.28	0.00****
DBE total	0.00	24.89	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Computer and Peripheral Equipment Manufacturing (NAICS 3341)			
African American	0.00	13.54	0.00****
Hispanic	0.00	4.23	0.00****
Asian	0.00	4.41	0.00****
Native American	0.00	0.77	0.00
Minority	0.00	22.95	0.00****
Nonminority female	0.00	14.36	0.00****
DBE total	0.00	37.31	0.00****
Other Telecommunications (NAICS 5179)			
African American	0.00	4.61	0.00*
Hispanic	0.00	2.56	0.00
Asian	0.00	1.77	0.00
Native American	0.00	0.43	0.00
Minority	0.00	9.38	0.00*
Nonminority female	0.00	3.00	0.00
DBE total	0.00	12.38	0.00****
Urban Transit Systems (NAICS 4851)			
African American	0.00	42.42	0.00****
Hispanic	0.00	4.79	0.00
Asian	0.00	10.65	0.00****
Native American	0.00	0.12	0.00
Minority	0.00	57.97	0.00****
Nonminority female	0.00	5.04	0.00
DBE total	0.00	63.02	0.00****
Forging and Stamping (NAICS 3321)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	28.89	0.00****
DBE total	0.00	28.89	0.00****
Advertising, Public Relations, and Related Services (NAICS 5418)			
African American	0.00	7.68	0.00****
Hispanic	0.00	4.62	0.00***
Asian	0.00	1.70	0.00
Native American	0.00	0.34	0.00
Minority	0.00	14.33	0.00****
Nonminority female	0.00	26.75	0.00****
DBE total	0.00	41.08	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Building Finishing Contractors (NAICS 2383)			
African American	99.25	7.24	
Hispanic	0.00	8.08	0.00****
Asian	0.00	4.53	0.00****
Native American	0.00	0.09	0.00
Minority	99.25	19.93	
Nonminority female	0.00	10.59	0.00****
DBE total	99.25	30.53	
Couriers and Express Delivery Services (NAICS 4921)			
African American	0.00	24.20	0.00****
Hispanic	0.00	3.10	0.00
Asian	0.00	0.10	0.00
Native American	0.00	2.52	0.00
Minority	0.00	29.93	0.00****
Nonminority female	0.00	1.80	0.00
DBE total	0.00	31.73	0.00****
Rubber Product Manufacturing (NAICS 3262)			
African American	0.00	38.74	0.00****
Hispanic	0.00	1.65	0.00
Asian	0.00	3.31	0.00
Native American	0.00	1.09	0.00
Minority	0.00	44.79	0.00****
Nonminority female	0.00	26.68	0.00****
DBE total	0.00	71.47	0.00****
Depository Credit Intermediation (NAICS 5221)			
African American	0.00	0.19	0.00
Hispanic	0.00	0.00	0.00
Asian	0.00	0.42	0.00
Native American	0.00	0.00	0.00
Minority	0.00	0.61	0.00
Nonminority female	0.00	0.44	0.00
DBE total	0.00	1.06	0.00
Accounting, Tax Preparation, Bookkeeping, and Payroll Services (NAICS 5412)			
African American	0.00	4.60	0.00
Hispanic	0.00	1.87	0.00
Asian	0.00	6.08	0.00
Native American	0.00	0.10	0.00
Minority	0.00	12.65	0.00****
Nonminority female	0.00	25.08	0.00****
DBE total	0.00	37.72	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Furniture and Home Furnishing Merchant Wholesalers (NAICS 4232)			
African American	0.00	13.94	0.00
Hispanic	0.00	3.66	0.00
Asian	0.00	5.26	0.00
Native American	0.00	0.98	0.00
Minority	0.00	23.83	0.00****
Nonminority female	0.00	18.45	0.00****
DBE total	0.00	42.28	0.00****
Foundation, Structure, and Building Exterior Contractors (NAICS 2381)			
African American	0.00	2.08	0.00****
Hispanic	0.00	5.23	0.00****
Asian	0.00	1.46	0.00****
Native American	0.00	2.19	0.00****
Minority	0.00	10.96	0.00****
Nonminority female	0.00	12.74	0.00****
DBE total	0.00	23.69	0.00****
Coating, Engraving, Heat Treating, and Allied Activities (NAICS 3328)			
African American	0.00	11.31	0.00
Hispanic	0.00	4.51	0.00
Asian	0.00	4.97	0.00
Native American	0.00	0.90	0.00
Minority	0.00	21.69	0.00
Nonminority female	0.00	17.75	0.00
DBE total	0.00	39.44	0.00
Other Amusement and Recreation Industries (NAICS 7139)			
African American	0.00	12.64	0.00
Hispanic	0.00	3.74	0.00
Asian	0.00	5.20	0.00
Native American	0.00	0.94	0.00
Minority	0.00	22.52	0.00****
Nonminority female	0.00	17.69	0.00****
DBE total	0.00	40.20	0.00****
Other Wood Product Manufacturing (NAICS 3219)			
African American	0.00	9.84	0.00
Hispanic	0.00	3.51	0.00
Asian	0.00	4.57	0.00
Native American	0.00	0.70	0.00
Minority	0.00	18.62	0.00
Nonminority female	100.00	13.00	
DBE total	100.00	31.62	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.23. Industry Group Utilization, Availability, and Disparity Results for MDOT CSE Contracting– Federally-Assisted Contracts (Dollars Awarded)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Manufacturing (NAICS 3361)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	49.65	6.16	
Hispanic	0.00	4.92	0.00****
Asian	0.00	1.68	0.00****
Native American	0.00	1.64	0.00****
Minority	49.65	14.39	
Nonminority female	0.00	8.59	0.00****
DBE total	49.65	22.99	
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.95	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	0.00	3.08	0.00****
Nonminority female	62.99	0.19	
DBE total	62.99	3.27	
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.01	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	1.34	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	4.41	0.00****
Nonminority female	1.02	9.06	11.31****
DBE total	1.02	13.47	7.60****
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	7.14	0.00****
DBE total	0.00	7.14	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	7.09	0.00****
Hispanic	0.00	0.04	0.00
Asian	17.13	0.08	
Native American	0.00	0.04	0.00
Minority	17.13	7.25	
Nonminority female	82.87	15.98	
DBE total	100.00	23.23	
Software Publishers (NAICS 5112)			
African American	0.00	11.92	0.00****
Hispanic	0.00	3.54	0.00****
Asian	0.00	8.00	0.00****
Native American	0.00	0.28	0.00
Minority	0.00	23.74	0.00****
Nonminority female	0.00	13.22	0.00****
DBE total	0.00	36.96	0.00****
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	5.03	0.00****
Hispanic	0.62	2.19	28.31
Asian	86.02	1.70	
Native American	0.00	0.49	0.00****
Minority	86.64	9.41	
Nonminority female	13.36	16.57	80.64
DBE total	100.00	25.98	
Petroleum and Petroleum Products Merchant Wholesalers (NAICS 4247)			
African American	92.91	8.55	
Hispanic	0.00	0.23	0.00
Asian	0.00	5.55	0.00****
Native American	0.00	0.12	0.00
Minority	92.91	14.44	
Nonminority female	7.09	11.32	62.59
DBE total	100.00	25.76	
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers (NAICS 4236)			
African American	0.00	4.49	0.00****
Hispanic	0.00	0.02	0.00
Asian	0.00	1.44	0.00****
Native American	0.00	1.24	0.00****
Minority	0.00	7.19	0.00****
Nonminority female	55.14	8.16	
DBE total	55.14	15.35	

Source and Notes: See Table 6.5.

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

Table A.24. Industry Group Utilization, Availability, and Disparity Results for MDOT CSE Contracting—Federally-Assisted Contracts (Dollars Paid)

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Motor Vehicle Manufacturing (NAICS 3361)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	0.00	
DBE total	0.00	0.00	
Nonmetallic Mineral Mining and Quarrying (NAICS 2123)			
African American	0.00	0.00	
Hispanic	0.00	0.00	
Asian	0.00	0.00	
Native American	0.00	0.00	
Minority	0.00	0.00	
Nonminority female	0.00	7.14	0.00****
DBE total	0.00	7.14	0.00****
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (NAICS 4231)			
African American	0.00	6.16	0.00****
Hispanic	0.00	4.92	0.00****
Asian	0.00	1.68	0.00****
Native American	0.00	1.64	0.00****
Minority	0.00	14.39	0.00****
Nonminority female	0.00	8.59	0.00****
DBE total	0.00	22.99	0.00****
Cement and Concrete Product Manufacturing (NAICS 3273)			
African American	0.00	2.95	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	0.07	0.00
Native American	0.00	0.01	0.00
Minority	0.00	3.08	0.00****
Nonminority female	14.47	0.19	
DBE total	14.47	3.27	
Software Publishers (NAICS 5112)			
African American	0.00	11.92	0.00****
Hispanic	0.00	3.54	0.00****
Asian	0.00	8.00	0.00****
Native American	0.00	0.28	0.00
Minority	0.00	23.74	0.00****
Nonminority female	0.00	13.22	0.00****
DBE total	0.00	36.96	0.00****

Appendix E Utilization, Availability, and Disparity Tables by Detailed Industry Category

NAICS Industry Group & DBE Type	Utilization (%)	Availability (%)	Disparity Ratio
Machinery, Equipment, and Supplies Merchant Wholesalers (NAICS 4238)			
African American	0.00	3.01	0.00****
Hispanic	0.00	0.05	0.00
Asian	0.00	1.34	0.00****
Native American	0.00	0.02	0.00
Minority	0.00	4.41	0.00****
Nonminority female	1.83	9.06	20.20****
DBE total	1.83	13.47	13.58****
Architectural and Structural Metals Manufacturing (NAICS 3323)			
African American	0.00	7.09	0.00****
Hispanic	0.00	0.04	0.00
Asian	26.67	0.08	
Native American	0.00	0.04	0.00
Minority	26.67	7.25	
Nonminority female	73.33	15.98	
DBE total	100.00	23.23	
Lumber and Other Construction Materials Merchant Wholesalers (NAICS 4233)			
African American	0.00	5.03	0.00****
Hispanic	0.61	2.19	28.01
Asian	85.42	1.70	
Native American	0.00	0.49	0.00****
Minority	86.03	9.41	
Nonminority female	13.97	16.57	84.32
DBE total	100.00	25.98	

Source and Notes: See Table 6.5.

NERA

ECONOMIC CONSULTING

NERA Economic Consulting
Barton Creek Plaza Building II, Suite 330
3801 S. Capital of Texas Highway
Austin, Texas 78704
Tel: +1 512 383 4800
Fax: +1 512 371 9612
www.nera.com