

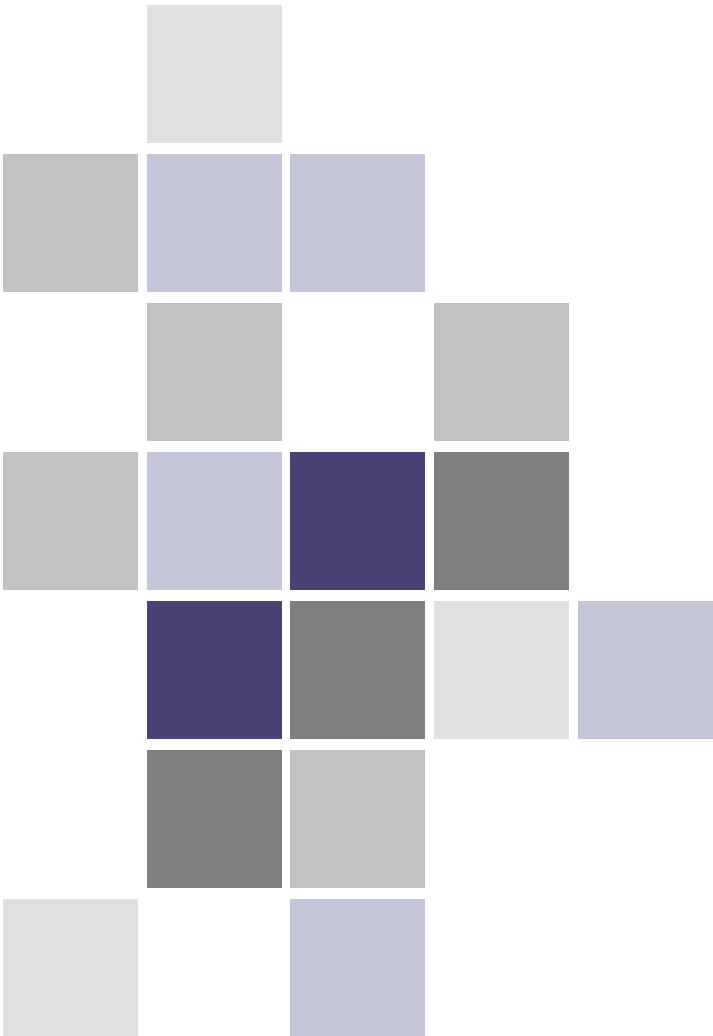


# DISADVANTAGED BUSINESS ENTERPRISE DISPARITY STUDY

ALASKA DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

**Final Appendices**

March 2021



ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
 DISADVANTAGED BUSINESS ENTERPRISE DISPARITY STUDY

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APPENDIX A. CORRESPONDING  
ANALYSES: MARKET AREA,  
UTILIZATION, AVAILABILITY, AND  
DISPARITY

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



## A.I MARKET AREA ANALYSES

TABLE A-1. MARKET AREA ANALYSIS,  
FUNDING MODAL: FAA

LOCATION	ALL	Construction	Professional Services
	(\$)	(\$)	(\$)
Inside Alaska	\$593,627,985.43	\$553,576,800.62	\$40,051,184.81
Outside Alaska	\$3,370,930.00	\$2,810,600.00	\$560,330.00
<b>TOTAL</b>	<b>\$596,998,915.43</b>	<b>\$556,387,400.62</b>	<b>\$40,611,514.81</b>

LOCATION	ALL	Construction	Professional Services
	(%)	(%)	(%)
Inside Alaska	99.44%	99.49%	98.62%
Outside Alaska	0.56%	0.51%	1.38%
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

TABLE A-2. MARKET AREA ANALYSIS,  
FUNDING MODAL: FTA

LOCATION	ALL	Construction	Professional Services
	(\$)	(\$)	(\$)
Inside Alaska	\$139,219.62	\$75,769.62	\$63,450.00
Outside Alaska	\$532,935.61	\$231,686.00	\$301,249.61
<b>TOTAL</b>	<b>\$672,155.23</b>	<b>\$307,455.62</b>	<b>\$364,699.61</b>

LOCATION	ALL	Construction	Professional Services
	(%)	(%)	(%)
Inside Alaska	20.71%	24.64%	17.40%
Outside Alaska	79.29%	75.36%	82.60%
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

## A.2 UTILIZATION ANALYSES

TABLE A-3. UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY REGION BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHCOAST REGION		STATEWIDE,TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>								
African Americans	\$0.00	0.00%	\$859,900.00	0.47%	\$0.00	0.00%	\$859,900.00	0.15%
Alaska Native Corporation	\$27,363,785.31	8.32%	\$28,287,734.50	15.45%	\$9,827,510.00	19.20%	\$65,479,029.81	11.62%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$4,699,621.00	1.43%	\$11,181,510.51	6.11%	\$61,303.00	0.12%	\$15,942,434.51	2.83%
Asian Indian/Pacific Islanders	\$53,158.00	0.02%	\$0.00	0.00%	\$985,970.00	1.93%	\$1,039,128.00	0.18%
Hispanic Americans	\$3,180,708.16	0.97%	\$15,214,484.00	8.31%	\$0.00	0.00%	\$18,395,192.16	3.27%
Nonminority Women	\$7,168,221.50	2.18%	\$1,625,377.91	0.89%	\$1,019,703.61	1.99%	\$9,813,303.02	1.74%
<b>Total M/W/DBE Firms</b>	<b>\$42,465,493.97</b>	<b>12.90%</b>	<b>\$57,169,006.92</b>	<b>31.22%</b>	<b>\$11,894,486.61</b>	<b>23.24%</b>	<b>\$111,528,987.50</b>	<b>19.80%</b>
Non-M/W/DBE Firms	\$286,605,790.91	87.10%	\$125,975,836.30	68.78%	\$39,293,695.91	76.76%	\$451,875,323.12	80.20%
<b>TOTAL</b>	<b>\$329,071,284.88</b>	<b>100.00%</b>	<b>\$183,144,843.22</b>	<b>100.00%</b>	<b>\$51,188,182.52</b>	<b>100.00%</b>	<b>\$563,404,310.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$11,889,925.75	3.61%	\$28,287,734.50	15.45%	\$0.00	0.00%	\$40,177,660.25	7.26%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$2,446,000.50	0.74%	\$4,578,733.61	2.50%	\$61,303.00	0.15%	\$7,086,037.11	1.28%
Asian Indian/Pacific Islanders	\$53,158.00	0.02%	\$0.00	0.00%	\$0.00	0.00%	\$53,158.00	0.01%
Hispanic Americans	\$253,538.00	0.08%	\$59,750.00	0.03%	\$0.00	0.00%	\$313,288.00	0.06%
Nonminority Women	\$2,604,543.80	0.79%	\$391,531.29	0.21%	\$2,352.00	0.01%	\$2,998,427.09	0.54%
<b>Total DBE Certified Firms</b>	<b>\$17,247,166.05</b>	<b>5.24%</b>	<b>\$33,317,749.40</b>	<b>18.19%</b>	<b>\$63,655.00</b>	<b>0.15%</b>	<b>\$50,628,570.45</b>	<b>9.15%</b>
Non-DBE Certified Firms	\$311,824,118.83	94.76%	\$149,827,093.82	81.81%	\$41,297,017.52	99.85%	\$502,948,230.17	90.85%
<b>TOTAL</b>	<b>\$329,071,284.88</b>	<b>100.00%</b>	<b>\$183,144,843.22</b>	<b>100.00%</b>	<b>\$41,360,672.52</b>	<b>100.00%</b>	<b>\$553,576,800.62</b>	<b>100.00%</b>



**TABLE A-4. UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY REGION BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FTA**

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHCOAST REGION		STATEWIDE,TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$75,769.62	100.00%	\$0.00	0.00%	\$0.00	0.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$75,769.62	100.00%	\$0.00	0.00%	\$0.00	0.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>

**TABLE A-5. UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA**

BUSINESS OWNERSHIP CLASSIFICATION	2015		2016		2017		2018		2019		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$356,900.00	0.34%	\$0.00	0.00%	\$503,000.00	0.71%	\$859,900.00	0.16%
Alaska Native Corporation	\$8,592,124.25	10.62%	\$18,103,010.15	18.91%	\$23,177,547.75	22.39%	\$4,628,713.66	2.28%	\$1,150,124.00	1.63%	\$55,651,519.81	10.05%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$1,885,911.00	2.33%	\$1,365,088.00	1.43%	\$694,056.00	0.67%	\$9,693,123.18	4.78%	\$2,304,256.33	3.26%	\$15,942,434.51	2.88%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$53,158.00	0.05%	\$985,970.00	0.49%	\$0.00	0.00%	\$1,039,128.00	0.19%
Hispanic Americans	\$0.00	0.00%	\$270,343.00	0.28%	\$163,106.86	0.16%	\$17,641,777.30	8.70%	\$319,965.00	0.45%	\$18,395,192.16	3.32%
Nonminority Women	\$1,715,393.89	2.12%	\$3,285,393.00	3.43%	\$1,438,841.70	1.39%	\$3,134,218.82	1.55%	\$239,455.61	0.34%	\$9,813,303.02	1.77%
<b>Total M/W/DBE Firms</b>	<b>\$12,193,429.14</b>	<b>15.07%</b>	<b>\$23,023,834.15</b>	<b>24.05%</b>	<b>\$25,883,610.31</b>	<b>25.00%</b>	<b>\$36,083,802.96</b>	<b>17.80%</b>	<b>\$4,516,800.94</b>	<b>6.39%</b>	<b>\$101,701,477.50</b>	<b>18.37%</b>
Non-M/W/DBE Firms	\$68,728,522.02	84.93%	\$72,704,806.53	75.95%	\$77,638,572.33	75.00%	\$166,588,904.83	82.20%	\$66,214,517.41	93.61%	\$451,875,323.12	81.63%
<b>TOTAL</b>	<b>\$80,921,951.16</b>	<b>100.00%</b>	<b>\$95,728,640.68</b>	<b>100.00%</b>	<b>\$103,522,182.64</b>	<b>100.00%</b>	<b>\$202,672,707.79</b>	<b>100.00%</b>	<b>\$70,731,318.35</b>	<b>100.00%</b>	<b>\$553,576,800.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$8,006,799.25	9.89%	\$10,195,180.50	10.65%	\$18,722,556.50	18.09%	\$2,103,000.00	1.04%	\$1,150,124.00	1.63%	\$40,177,660.25	7.26%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$1,885,911.00	2.33%	\$1,104,088.00	1.15%	\$413,856.00	0.40%	\$1,759,600.78	0.87%	\$1,922,581.33	2.72%	\$7,086,037.11	1.28%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$53,158.00	0.05%	\$0.00	0.00%	\$0.00	0.00%	\$53,158.00	0.01%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$228,738.00	0.11%	\$84,550.00	0.12%	\$313,288.00	0.06%
Nonminority Women	\$1,586,764.64	1.96%	\$4,547.00	0.00%	\$796,177.45	0.77%	\$571,571.00	0.28%	\$39,367.00	0.06%	\$2,998,427.09	0.54%
<b>Total DBE Certified Firms</b>	<b>\$11,479,474.89</b>	<b>14.19%</b>	<b>\$11,303,815.50</b>	<b>11.81%</b>	<b>\$19,985,747.95</b>	<b>19.31%</b>	<b>\$4,662,909.78</b>	<b>2.30%</b>	<b>\$3,196,622.33</b>	<b>4.52%</b>	<b>\$50,628,570.45</b>	<b>9.15%</b>
Non-DBE Certified Firms	\$69,442,476.27	85.81%	\$84,424,825.18	88.19%	\$83,536,434.69	80.69%	\$198,009,798.01	97.70%	\$67,534,696.02	95.48%	\$502,948,230.17	90.85%
<b>TOTAL</b>	<b>\$80,921,951.16</b>	<b>100.00%</b>	<b>\$95,728,640.68</b>	<b>100.00%</b>	<b>\$103,522,182.64</b>	<b>100.00%</b>	<b>\$202,672,707.79</b>	<b>100.00%</b>	<b>\$70,731,318.35</b>	<b>100.00%</b>	<b>\$553,576,800.62</b>	<b>100.00%</b>

**TABLE A-6. UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FTA**

BUSINESS OWNERSHIP CLASSIFICATION	2015		2016		2017		2018		2019		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$75,769.62	100.00%	\$0.00	0.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$75,769.62	100.00%	\$0.00	0.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>

**TABLE A-7. UTILIZATION ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY REGION BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA**

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHCOAST REGION		STATEWIDE, TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$1,924,096.00	8.33%	\$951,340.00	9.66%	\$0.00	0.00%	\$2,875,436.00	7.18%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$2,820,582.00	12.21%	\$909,321.57	9.23%	\$57,800.00	0.81%	\$3,787,703.57	9.46%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$716,795.00	10.10%	\$716,795.00	1.79%
Nonminority Women	\$945,020.00	4.09%	\$366,804.48	3.72%	\$249,913.00	3.52%	\$1,561,737.48	3.90%
<b>Total M/W/DBE Firms</b>	<b>\$5,689,698.00</b>	<b>24.62%</b>	<b>\$2,227,466.05</b>	<b>22.61%</b>	<b>\$1,024,508.00</b>	<b>14.44%</b>	<b>\$8,941,672.05</b>	<b>22.33%</b>
Non-M/W/DBE Firms	\$17,415,851.83	75.38%	\$7,623,953.95	77.39%	\$6,069,706.98	85.56%	\$31,109,512.76	77.67%
<b>TOTAL</b>	<b>\$23,105,549.83</b>	<b>100.00%</b>	<b>\$9,851,420.00</b>	<b>100.00%</b>	<b>\$7,094,214.98</b>	<b>100.00%</b>	<b>\$40,051,184.81</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$1,715,679.00	7.43%	\$0.00	0.00%	\$0.00	0.00%	\$1,715,679.00	4.28%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$2,749,695.00	11.90%	\$758,385.45	7.70%	\$57,800.00	0.81%	\$3,565,880.45	8.90%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$605,118.00	2.62%	\$157,544.00	1.60%	\$9,200.00	0.13%	\$771,862.00	1.93%
<b>Total DBE Certified Firms</b>	<b>\$5,070,492.00</b>	<b>21.94%</b>	<b>\$915,929.45</b>	<b>9.30%</b>	<b>\$67,000.00</b>	<b>0.94%</b>	<b>\$6,053,421.45</b>	<b>15.11%</b>
Non-DBE Certified Firms	\$18,035,057.83	78.06%	\$8,935,490.55	90.70%	\$7,027,214.98	99.06%	\$33,997,763.36	84.89%
<b>TOTAL</b>	<b>\$23,105,549.83</b>	<b>100.00%</b>	<b>\$9,851,420.00</b>	<b>100.00%</b>	<b>\$7,094,214.98</b>	<b>100.00%</b>	<b>\$40,051,184.81</b>	<b>100.00%</b>

TABLE A-8. UTILIZATION ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY REGION BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHCOAST REGION		STATEWIDE,TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$63,450.00	100.00%	\$0.00	0.00%	\$0.00	0.00%	\$63,450.00	100.00%
<b>TOTAL</b>	<b>\$63,450.00</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$63,450.00</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$63,450.00	100.00%	\$0.00	0.00%	\$0.00	0.00%	\$63,450.00	100.00%
<b>TOTAL</b>	<b>\$63,450.00</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$63,450.00</b>	<b>100.00%</b>

**TABLE A-9. UTILIZATION ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA**

BUSINESS OWNERSHIP CLASSIFICATION	2015		2016		2017		2018		2019		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$141,117.00	3.20%	\$1,756,479.00	18.86%	\$973,840.00	7.01%	\$4,000.00	0.05%	\$2,875,436.00	7.18%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$2,122,817.00	48.03%	\$141,322.00	3.20%	\$673,790.12	7.24%	\$563,323.45	4.05%	\$286,451.00	3.58%	\$3,787,703.57	9.46%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$716,795.00	16.22%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$716,795.00	1.79%
Nonminority Women	\$176,480.00	3.99%	\$26,135.00	0.59%	\$295,253.48	3.17%	\$358,964.00	2.58%	\$704,905.00	8.80%	\$1,561,737.48	3.90%
<b>Total M/W/DBE Firms</b>	<b>\$3,016,092.00</b>	<b>68.23%</b>	<b>\$308,574.00</b>	<b>6.99%</b>	<b>\$2,725,522.60</b>	<b>29.27%</b>	<b>\$1,896,127.45</b>	<b>13.64%</b>	<b>\$995,356.00</b>	<b>12.42%</b>	<b>\$8,941,672.05</b>	<b>22.33%</b>
Non-M/W/DBE Firms	\$1,404,084.98	31.77%	\$4,103,836.00	93.01%	\$6,585,757.35	70.73%	\$12,000,026.75	86.36%	\$7,015,807.68	87.58%	\$31,109,512.76	77.67%
<b>TOTAL</b>	<b>\$4,420,176.98</b>	<b>100.00%</b>	<b>\$4,412,410.00</b>	<b>100.00%</b>	<b>\$9,311,279.95</b>	<b>100.00%</b>	<b>\$13,896,154.20</b>	<b>100.00%</b>	<b>\$8,011,163.68</b>	<b>100.00%</b>	<b>\$40,051,184.81</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$1,711,679.00	18.38%	\$0.00	0.00%	\$4,000.00	0.05%	\$1,715,679.00	4.28%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$2,051,930.00	46.42%	\$141,322.00	3.20%	\$617,705.00	6.63%	\$553,323.45	3.98%	\$201,600.00	2.52%	\$3,565,880.45	8.90%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$21,135.00	0.48%	\$34,110.00	0.37%	\$170,634.00	1.23%	\$545,983.00	6.82%	\$771,862.00	1.93%
<b>Total DBE Certified Firms</b>	<b>\$2,051,930.00</b>	<b>46.42%</b>	<b>\$162,457.00</b>	<b>3.68%</b>	<b>\$2,363,494.00</b>	<b>25.38%</b>	<b>\$723,957.45</b>	<b>5.21%</b>	<b>\$751,583.00</b>	<b>9.38%</b>	<b>\$6,053,421.45</b>	<b>15.11%</b>
Non-DBE Certified Firms	\$2,368,246.98	53.58%	\$4,249,953.00	96.32%	\$6,947,785.95	74.62%	\$13,172,196.75	94.79%	\$7,259,580.68	90.62%	\$33,997,763.36	84.89%
<b>TOTAL</b>	<b>\$4,420,176.98</b>	<b>100.00%</b>	<b>\$4,412,410.00</b>	<b>100.00%</b>	<b>\$9,311,279.95</b>	<b>100.00%</b>	<b>\$13,896,154.20</b>	<b>100.00%</b>	<b>\$8,011,163.68</b>	<b>100.00%</b>	<b>\$40,051,184.81</b>	<b>100.00%</b>

**TABLE A-10. UTILIZATION ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS,  
AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FTA**

BUSINESS OWNERSHIP CLASSIFICATION	2015		2016		2017		2018		2019		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$7,050.00	100.00%	\$56,400.00	100.00%	\$63,450.00	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$7,050.00</b>	<b>100.00%</b>	<b>\$56,400.00</b>	<b>100.00%</b>	<b>\$63,450.00</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$7,050.00	100.00%	\$56,400.00	100.00%	\$63,450.00	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$7,050.00</b>	<b>100.00%</b>	<b>\$56,400.00</b>	<b>100.00%</b>	<b>\$63,450.00</b>	<b>100.00%</b>

### A.3 DISPARITY ANALYSES

TABLE A-11. DISPARITY ANALYSIS OF CENTRAL REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.08%	1.40%	<b>5.47</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	4.26%	4.60%	92.65	Underutilization		Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.97%	7.40%	<b>13.05</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.80%	<b>0.55</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.53%	3.00%	17.52	Underutilization	¥¥	Disparity
Nonminority Women	6.10%	5.60%	108.87	Overutilization		No Disparity
Total M/W/DBE Firms	11.93%	22.80%	<b>52.33</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	88.07%	77.20%	114.08	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-12. DISPARITY ANALYSIS OF NORTHERN REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	2.55%	1.09%	232.57	Overutilization	¥¥	No Disparity
Alaska Native Corporation	6.92%	6.20%	<b>111.46</b>	Overutilization		No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	2.19%	7.30%	<b>30.00</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.36%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	14.78%	4.01%	368.06	Overutilization	¥¥	No Disparity
Nonminority Women	3.57%	6.57%	<b>54.36</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	30.00%	25.55%	<b>117.42</b>	Overutilization	¥¥	No Disparity
Non-M/W/DBE Firms	70.00%	74.45%	94.02	Underutilization	¥¥	Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.



TABLE A-13. DISPARITY ANALYSIS OF SOUTHCOAST REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.23%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.41%	7.41%	<b>5.58</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	3.57%	9.26%	<b>38.56</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	1.75%	1.85%	94.41	Underutilization		Disparity
Hispanic Americans	0.01%	4.32%	<b>0.28</b>	Underutilization	¥¥	Disparity
Nonminority Women	4.81%	9.26%	<b>51.95</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	10.55%	33.33%	<b>31.66</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	89.45%	66.67%	134.17	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-14. DISPARITY ANALYSIS OF CENTRAL REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.10%	1.40%	<b>7.48</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	2.77%	4.60%	<b>60.25</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.80%	7.40%	<b>10.76</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.80%	<b>0.01</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.36%	3.00%	12.11	Underutilization	¥¥	Disparity
Nonminority Women	7.54%	5.60%	134.62	Overutilization	¥¥	No Disparity
Total M/W/DBE Firms	11.57%	22.80%	<b>50.77</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	88.43%	77.20%	114.54	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-15. DISPARITY ANALYSIS OF NORTHERN REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	3.18%	1.09%	290.61	Overutilization	¥¥	No Disparity
Alaska Native Corporation	4.31%	6.20%	<b>69.39</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.99%	7.30%	<b>13.59</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.36%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	16.76%	4.01%	417.36	Overutilization	¥¥	No Disparity
Nonminority Women	4.39%	6.57%	<b>66.86</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	29.63%	25.55%	<b>115.97</b>	Overutilization	¥¥	No Disparity
Non-M/W/DBE Firms	70.37%	74.45%	94.52	Underutilization	¥¥	Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-16. DISPARITY ANALYSIS OF SOUTHCOAST REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.23%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.47%	7.41%	<b>6.30</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	4.01%	9.26%	<b>43.30</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	1.67%	1.85%	90.00	Underutilization		Disparity
Hispanic Americans	0.01%	4.32%	<b>0.32</b>	Underutilization	¥¥	Disparity
Nonminority Women	5.11%	9.26%	<b>55.20</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	11.27%	33.33%	<b>33.80</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	88.73%	66.67%	133.10	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-17. DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.15%	1.04%	<b>14.67</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	11.62%	3.86%	300.83	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	2.83%	7.28%	<b>38.86</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.18%	0.89%	<b>20.69</b>	Underutilization	¥¥	Disparity
Hispanic Americans	3.27%	2.38%	137.33	Overutilization	¥¥	No Disparity
Nonminority Women	1.74%	5.50%	<b>31.68</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	19.80%	20.95%	94.49	Underutilization		Disparity
Non-M/W/DBE Firms	80.20%	79.05%	101.46	Overutilization		No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-18. DISPARITY ANALYSIS OF CENTRAL REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.40%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	8.32%	4.60%	180.77	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	1.43%	7.40%	<b>19.30</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.02%	0.80%	<b>2.02</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.97%	3.00%	32.22	Underutilization	¥¥	Disparity
Nonminority Women	2.18%	5.60%	<b>38.90</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	12.90%	22.80%	<b>56.60</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	87.10%	77.20%	112.82	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-19. DISPARITY ANALYSIS OF NORTHERN REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.47%	1.09%	<b>42.88</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	15.45%	6.20%	248.95	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	6.11%	7.30%	83.64	Underutilization		Disparity
Asian Indian/Pacific Islanders	0.00%	0.36%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	8.31%	4.01%	<b>206.93</b>	Overutilization	¥¥	No Disparity
Nonminority Women	0.89%	6.57%	<b>13.51</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	31.22%	25.55%	122.19	Overutilization	¥¥	No Disparity
Non-M/W/DBE Firms	68.78%	74.45%	92.39	Underutilization	¥¥	Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-20. DISPARITY ANALYSIS OF SOUTHCOAST REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.23%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	19.20%	7.41%	259.18	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.12%	9.26%	<b>1.29</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	1.93%	1.85%	104.01	Overutilization		No Disparity
Hispanic Americans	0.00%	4.32%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	1.99%	9.26%	<b>21.51</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	23.24%	33.33%	<b>69.71</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	76.76%	66.67%	115.14	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-21. DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.04%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.00%	3.86%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.00%	7.28%	<b>0.00</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	2.38%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	0.00%	5.50%	<b>0.00</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	0.00%	20.95%	<b>0.00</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	100.00%	79.05%	126.50	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-22. DISPARITY ANALYSIS OF CENTRAL REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.40%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.00%	4.60%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.00%	7.40%	<b>0.00</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.80%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	3.00%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	0.00%	5.60%	<b>0.00</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	0.00%	22.80%	<b>0.00</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	100.00%	77.20%	129.53	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-23. DISPARITY ANALYSIS OF NORTHERN REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.09%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Native Corporation	0.00%	6.20%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		<b>No Disparity</b>
American Indians/Alaska Natives	0.00%	7.30%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Asian Indian/Pacific Islanders	0.00%	0.36%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Hispanic Americans	0.00%	4.01%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Nonminority Women	0.00%	6.57%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Total M/W/DBE Firms	0.00%	25.55%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Non-M/W/DBE Firms	0.00%	74.45%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-24. DISPARITY ANALYSIS OF SOUTHCOAST REGION CONSTRUCTION PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	1.23%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Native Corporation	0.00%	7.41%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		<b>No Disparity</b>
American Indians/Alaska Natives	0.00%	9.26%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Asian Indian/Pacific Islanders	0.00%	1.85%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Hispanic Americans	0.00%	4.32%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Nonminority Women	0.00%	9.26%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Total M/W/DBE Firms	0.00%	33.33%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Non-M/W/DBE Firms	0.00%	66.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-25. DISPARITY ANALYSIS OF CENTRAL REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.38%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	8.30%	5.68%	146.11	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	8.60%	7.20%	119.52	Overutilization	¥¥	No Disparity
Asian Indian/Pacific Islanders	0.00%	0.76%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	1.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	4.18%	9.85%	<b>42.42</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	21.08%	25.76%	81.84	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	78.92%	74.24%	106.30	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-26. DISPARITY ANALYSIS OF NORTHERN REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	4.32%	8.67%	<b>49.88</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	5.21%	10.00%	<b>52.06</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.03%	3.33%	<b>0.95</b>	Underutilization	¥¥	Disparity
Nonminority Women	3.83%	16.67%	<b>22.98</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	13.39%	40.00%	<b>33.48</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	86.61%	60.00%	144.35	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.



TABLE A-27. DISPARITY ANALYSIS OF SOUTHCOAST REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.92%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	6.56%	10.09%	<b>65.01</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	2.64%	11.01%	<b>24.02</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	1.83%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	3.15%	3.67%	85.78	Underutilization		Disparity
Nonminority Women	1.86%	22.94%	<b>8.13</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	14.22%	50.46%	<b>28.18</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	85.78%	49.54%	173.15	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-28. DISPARITY ANALYSIS OF CENTRAL REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.38%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	8.30%	5.68%	146.08	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	6.81%	7.20%	94.64	Underutilization		Disparity
Asian Indian/Pacific Islanders	0.00%	0.76%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	1.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	4.23%	9.85%	<b>42.92</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	19.34%	25.76%	<b>75.08</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	80.66%	74.24%	108.65	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.



TABLE A-29. DISPARITY ANALYSIS OF NORTHERN REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	2.89%	8.67%	<b>33.32</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	4.12%	10.00%	<b>41.24</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.04%	3.33%	<b>1.21</b>	Underutilization	¥¥	Disparity
Nonminority Women	3.86%	16.67%	<b>23.15</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	10.91%	40.00%	<b>27.28</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	89.09%	60.00%	148.48	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-30. DISPARITY ANALYSIS OF SOUTHCOAST REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FHWA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.92%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	9.53%	10.09%	94.44	Underutilization		Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	3.47%	11.01%	<b>31.55</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	1.83%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	3.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	1.11%	22.94%	<b>4.86</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	14.12%	50.46%	<b>27.98</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	85.88%	49.54%	173.36	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-31. DISPARITY ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.30%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	7.18%	4.45%	161.30	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	9.46%	5.93%	159.35	Overutilization	¥¥	No Disparity
Asian Indian/Pacific Islanders	0.00%	0.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	1.79%	1.78%	100.52	Overutilization		No Disparity
Nonminority Women	3.90%	10.09%	<b>38.65</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	22.33%	23.44%	95.24	Underutilization		Disparity
Non-M/W/DBE Firms	77.67%	76.56%	101.46	Overutilization		No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-32. DISPARITY ANALYSIS OF CENTRAL REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.38%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	8.33%	5.68%	146.56	Overutilization	¥¥	No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	12.21%	7.20%	169.62	Overutilization	¥¥	No Disparity
Asian Indian/Pacific Islanders	0.00%	0.76%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	1.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	4.09%	9.85%	<b>41.53</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	24.62%	25.76%	95.60	Underutilization		Disparity
Non-M/W/DBE Firms	75.38%	74.24%	101.53	Overutilization		No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

**TABLE A-33. DISPARITY ANALYSIS OF NORTHERN REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA**

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	9.66%	8.67%	111.43	Overutilization		No Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	9.23%	10.00%	<b>92.30</b>	Underutilization		Disparity
Asian Indian/Pacific Islanders	0.00%	0.67%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	3.33%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	3.72%	16.67%	<b>22.34</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	22.61%	40.00%	<b>56.53</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	77.39%	60.00%	128.98	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

**TABLE A-34. DISPARITY ANALYSIS OF SOUTHCOAST REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FAA**

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.92%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.00%	10.09%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.81%	11.01%	<b>7.40</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	1.83%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	10.10%	3.67%	275.33	Overutilization	¥¥	No Disparity
Nonminority Women	3.52%	22.94%	<b>15.36</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	14.44%	50.46%	<b>28.62</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	85.56%	49.54%	172.70	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-35. DISPARITY ANALYSIS OF PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.30%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.00%	4.45%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.00%	5.93%	<b>0.00</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	1.78%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	0.00%	10.09%	<b>0.00</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	0.00%	23.44%	<b>0.00</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	100.00%	76.56%	130.62	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

TABLE A-36. DISPARITY ANALYSIS OF CENTRAL REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODE: FTA

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.38%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Native Corporation	0.00%	5.68%	<b>0.00</b>	Underutilization	¥¥	Disparity
Alaska Tribal Corporation	0.00%	0.00%	-	n/a		No Disparity
American Indians/Alaska Natives	0.00%	7.20%	<b>0.00</b>	Underutilization	¥¥	Disparity
Asian Indian/Pacific Islanders	0.00%	0.76%	<b>0.00</b>	Underutilization	¥¥	Disparity
Hispanic Americans	0.00%	1.89%	<b>0.00</b>	Underutilization	¥¥	Disparity
Nonminority Women	0.00%	9.85%	<b>0.00</b>	Underutilization	¥¥	Disparity
Total M/W/DBE Firms	0.00%	25.76%	<b>0.00</b>	Underutilization	¥¥	Disparity
Non-M/W/DBE Firms	100.00%	74.24%	134.69	Overutilization	¥¥	No Disparity

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

**TABLE A-37. DISPARITY ANALYSIS OF NORTHERN REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION**  
**FUNDING MODE: FTA**

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Native Corporation	0.00%	8.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Tribal Corporation	0.00%	0.00%	-	<b>n/a</b>		<b>No Disparity</b>
American Indians/Alaska Natives	0.00%	10.00%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Asian Indian/Pacific Islanders	0.00%	0.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Hispanic Americans	0.00%	3.33%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Nonminority Women	0.00%	16.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Total M/W/DBE Firms	0.00%	40.00%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Non-M/W/DBE Firms	0.00%	60.00%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

**TABLE A-38. DISPARITY ANALYSIS OF SOUTHCOAST REGION PROFESSIONAL SERVICES PRIME CONTRACTORS, SUBCONTRACTORS, AND SUBRECIPIENTS BY FEDERAL FISCAL YEAR BY BUSINESS OWNERSHIP CLASSIFICATION**  
**FUNDING MODE: FTA**

Business Ownership Classification	Utilization	Availability	Disparity Index	Disparity Impact	Statistical Significance	Disparity Conclusion
African Americans	0.00%	0.92%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Native Corporation	0.00%	10.09%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Alaska Tribal Corporation	0.00%	0.00%	-	<b>n/a</b>		<b>No Disparity</b>
American Indians/Alaska Natives	0.00%	11.01%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Asian Indian/Pacific Islanders	0.00%	1.83%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Hispanic Americans	0.00%	3.67%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Nonminority Women	0.00%	22.94%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Total M/W/DBE Firms	0.00%	50.46%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>
Non-M/W/DBE Firms	0.00%	49.54%	<b>0.00</b>	<b>Underutilization</b>		<b>Disparity</b>

Source: Disparity Analyses.

**BOLD** Indicates a substantial level of disparity, which is a disparity index below 80.00.

¥¥ denotes the ratio of utilization to availability is statistically significant at a 0.05 level.

n/a: No disparity could be calculated due to no utilization or availability.

APPENDIX B. CUSTOM CENSUS  
SURVEY INSTRUMENT

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



## B.1 CUSTOM CENSUS SURVEY INSTRUMENT

---

ENTER THE D&B D-U-N-S NUMBER

\_\_\_\_\_

Hello. My name is \_\_\_\_\_, your company information was received from Dun & Bradstreet to conduct a research study on behalf of The Alaska Department of Transportation and Public Facilities (DOT&PF). This survey is designed to help the DOT&PF identify companies in the marketplace that are available to potentially perform work for the DOT&PF.

Is this \_\_\_\_\_ (Company's name)? IF COMPANY NAME VERIFIED, CONTINUE.

Are you the owner or an authorized decision maker in your company? [IF NO] May I speak with that person? [IF NO, SCHEDULE CALL-BACK]?

*IF TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC): READ INTRO AGAIN then ask* Are you able to answer questions concerning business practices of this company? IF YES, CONTINUE.

Thank you for agreeing to participate in this research study. Your input is very important to outcome of this research study. Your responses to this survey will be aggregated for the overall analysis and used only for this research study. Individual information or identifying characteristics about your company will not be published.

*If you have any questions regarding the survey, I will be happy to provide you contact information at the end of the survey.*

Q1. What is your title? [REQUIRE ANSWER]

- Owner/CEO/President 1
- Manager/Financial Officer 2
- Other 3

[A - IF THE ANSWER TO Q1 IS NOT OTHER, THEN SKIP TO QUESTION 3]

Q2. Specify Other [REQUIRE ANSWER]

\_\_\_\_\_

Q3. May I have your name just in case we have any further questions? [REQUIRE ANSWER]

\_\_\_\_\_

Q4. Based on information we have from Dun & Bradstreet I want to confirm, this is a for-profit company, as opposed to a nonprofit, foundation or government office?

[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3

[A - IF THE ANSWER TO QUESTION 4 IS **NO** OR **DON'T KNOW**, THEN TERMINATE THE CALL

PLEASE GO BACK TO Q3 AND TYPE "**DISQUALIFIED**" AFTER THE FIRST AND LAST NAME.]

**Disqualification statement**

**Thank you for your input; however, based on your answers, it appears that you do not qualify for this survey because we are only seeking input from for-profit companies.**

Q5. Let me confirm that, based on the information we have from Dun & Bradstreet, the company's primary line of business is *(READ NAICS WITH CORRESPONDING DESCRIPTIVE TEXT)*

[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3

[A – IF THE ANSWER TO QUESTION 7 IS **NOT YES**, THEN ASK QUESTION 8]

Q6. Please SPECIFY your company's Primary Type of work. [REQUIRE ANSWER]

\_\_\_\_\_

Q7. Is your company **at least 51 percent** owned, managed, and controlled by a woman or women?  
[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3



Q8. Is your company **at least 51 percent** owned, managed, and controlled by a person or people of one of the following racial or ethnic group(s)? [REQUIRE ANSWER]

- Caucasian 1
- African American 2
- Asian American 3
- Hispanic American 4
- Native American 5
- Don't Know 6
- Other 7

[A - IF THE ANSWER TO QUESTION 11 IS **NOT OTHER**, THEN SKIP TO QUESTION 13]

Q9. Specify "Other" [REQUIRE ANSWER]

---

Q10. Is your company an Alaska Native Corporation?

[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3

Q11. Is your company a Tribal Corporation?

[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3

That completes our survey. Again, thank you for your input and your participation in this important survey. If you would like more information on the Availability and Disparity (A&D) Study contact MGT Consulting Group, Andres Bernal at (850) 386-3191 or [abernal@mgtconsulting.com](mailto:abernal@mgtconsulting.com) or visit the study website at [www.alaskadotpfdisparitystudy.com](http://www.alaskadotpfdisparitystudy.com).

APPENDIX C. SURVEY OF VENDORS

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



**INTRODUCTION:**

Hello, my name is \_\_\_\_\_ and I am calling on behalf of the Alaska Department of Transportation & Public Facilities (DOT&PF) to conduct a Disparity Research Study. The purpose is to learn more about the firms located in the Alaska market area so that the DOT&PF can adequately act to encourage participation in its contracting activities by Alaska-based firms.

Is this &V.3& (Company's name)? IF COMPANY NAME VERIFIED, CONTINUE

May I speak with &V.4&?

IF NOT AVAILABLE OR NO LONGER WITH COMPANY ASK:

Is there someone else I can talk to who could answer some questions about the business and procurement activities?

IF OWNER or OTHER DECISION MAKER IS PUT ON THE LINE: CONTINUE

Are you the owner or an authorized decision maker in your company?

IF NO OR TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC): Are you able to answer questions concerning ownership and business practices for this company? IF YES, CONTINUE

IF NO: Is there someone else I can talk to who could answer some questions about the business and procurement activities?

IF NO, SCHEDULE CALL-BACK?

IF NEEDED:

The Alaska Department of Transportation & Public Facilities (DOT&PF) has retained MGT Consulting Group to conduct a Disparity Study. The purpose of this research study is to learn more about the firms located in the Alaska market area so that the DOT&PF can adequately act to encourage participation in its contracting activities by Alaska-based firms. Your responses to this research study will be aggregated for the overall analysis and used only for the disparity study. Individual information is kept confidential.

This is a great opportunity for you to provide feedback regarding your experience doing business with or attempting to do business with the Alaska DOT&PF. The study will only take a few minutes of your time to complete.

Questionnaire # \_\_\_\_\_ (1-4)

Q.1 What is your title?

[REQUIRE ANSWER]

(5)

- 1 Owner
- 2 CEO/President
- 3 Manager/Financial Officer
- 4 Other

[A - IF THE ANSWER TO QUESTION 1 IS NOT 4, THEN SKIP TO QUESTION 3]

Q.2 Specify Other Title

[REQUIRE ANSWER]

\_\_\_\_\_ (6-30)

Q.3 May I please have your name just in case we have any further questions?

[REQUIRE ANSWER]

\_\_\_\_\_ (31-80)

Q.4 **What is** your company's primary line of business?

[ANSWER TO Q. 71]

**1. Construction** : (*highway construction, general construction, excavating, mechanical, carpentry, site work, electrical, etc.*)

**2. Architectural and Engineering Services** (*ex. Architecture, civil engineering, environmental engineering, etc.*):

**3. Professional Services** (*ex: accounting, legal services, construction management, IT consulting, consultant, etc.*):

**4. General or Nonprofessional Services** (*ex: maintenance services, janitorial, security, auto repair, etc.*):

**5. Goods** (*ex: furniture, vehicles, computers, books, etc.*)

**6. Concession**

**7. Other: Please explain**

[REQUIRE ANSWER]

(81)

- 1 Construction
- 2 Architecture and Engineering Services
- 3 Professional Services
- 4 General/Nonprofessional Services
- 5 Goods & Commodities
- 6 Concession
- 7 Other SPECIFY

[A - IF THE ANSWER TO QUESTION 4 IS NOT 7, THEN SKIP TO QUESTION 6]

Q.5 Please SPECIFY **Other** type of business:

[REQUIRE ANSWER]

\_\_\_\_\_ (82-381)

Q.6 Is your company an Alaska Native Corporation?

[REQUIRE ANSWER]

(382)

- 1 Yes
- 2 No
- 3 Don't Know

Q.7 Is your company a Tribal Corporation?

[REQUIRE ANSWER]

(383)

- 1 Yes
- 2 No
- 3 Don't Know

Q.8 Is your company **at least 51 percent** owned and controlled by a woman or women?

[REQUIRE ANSWER]

(384)

- 1 Yes
- 2 No
- 3 Don't know

Q.9 Is **your company at least 51 percent** owned, managed, and controlled by one of the following **racial or ethnic groups**?

[REQUIRE ANSWER]

(385)

- 1 African American/Black
- 2 Asian American or Pacific Islander
- 3 Caucasian/White
- 4 Hispanic American or Latino
- 5 Native American/American Indian
- 6 Don't Know
- 7 Other

[A - IF THE ANSWER TO QUESTION 9 IS NOT 7, THEN SKIP TO QUESTION 11]

Q.10 Specify OTHER

[REQUIRE ANSWER]

\_\_\_\_\_ (386-435)

Q.11 What is the highest level of education completed by the primary owner of your company? Would you say:

[REQUIRE ANSWER]

(436)

- 1 Some high school
- 2 High school graduate
- 3 Trade or technical education
- 4 Associate Degree (AA, AS, etc.)
- 5 Bachelor's Degree (BA, BS, etc.)
- 6 Graduate or Professional Degree (MA, PhD, JD, etc.)
- 7 Don't know

Q.12 What is the age of the company? Would you say:

[REQUIRE ANSWER]

(437)

- 1 2 years or less
- 2 3-5 years
- 3 6-10 years
- 4 11-15 years
- 5 16-20 years
- 6 21 + years

Q.13 Which of the following ranges best approximates your company's annual revenue of the company for the **2019 calendar year**? Would you say:

**(BEST GUESS)**

[REQUIRE ANSWER]

(438-439)

- 01 Less than \$100,000
- 02 \$100,000-\$500,000

- 03 \$500,000-\$1 million
- 04 \$1 million-\$5 million
- 05 \$5 million-\$10 million
- 06 Greater than \$10 million?
- 07 Don't know/Refused

Q.14 How many employees does the company currently have? Would you say it is between:

**(BEST GUESS)**

[REQUIRE ANSWER]

(440)

- 1 1-4
- 2 5-9
- 3 10-19
- 4 20-49
- 5 50-499
- 6 500 or more
- 7 Don't Know

Q.15 Does your company hold any of the following certifications from a recognized certification agency?

**CHECK ALL THAT APPLY**

[REQUIRE ANSWER]

	Yes	No	Don't Know
Minority Business Enterprise (MBE)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (441)
Woman Business Enterprise (WBE)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (442)
Disadvantaged Business Enterprise (DBE)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (443)
Small Business Enterprise (SBE)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (444)
Other	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (445)

[A - IF THE ANSWER TO SUB-QUESTION 5 OF QUESTION 15 IS NOT 1, THEN SKIP TO QUESTION 17]

Q.16 Specify Other

[REQUIRE ANSWER]

(446-495)

Q.17 Have you applied for Disadvantaged Business Enterprise (DBE) certification in Alaska?

[REQUIRE ANSWER]

(496)

- 1 Yes
- 2 No
- 3 Don't Know

[S - IF THE ANSWER IS 1, THEN SKIP TO QUESTION 20]

Q.18 What are your reasons for not applying for DBE certification? Would you say:

[REQUIRE ANSWER]

(497)

- 1 Application process too burdensome
- 2 Application process too confusing
- 3 I do not feel having the certification would help my business
- 4 I do not think I am eligible for certification
- 5 Other

[A - IF THE ANSWER TO QUESTION 18 IS 1-4, THEN SKIP TO QUESTION 21]

Q.19 Other reason for not applying:

[REQUIRE ANSWER]

\_\_\_\_\_ (498-797)

[A - IF THE ANSWER TO QUESTION 18 IS 1-5, THEN SKIP TO QUESTION 21]

Q.20 Please rate the ease of the application process on a scale from 1 to 5, where 1 is very hard and 5 is very easy:

**READ Choices**

**READ ALL EXCEPT DON'T KNOW**



[REQUIRE ANSWER]

(798)

- 1 Very hard
- 2 Hard
- 3 Neutral
- 4 Easy
- 5 Very easy
- 6 Don't Know (VOLUNTEERED)

Q.21 Next, has credit availability been a financial challenge in the past 12 months?

[REQUIRE ANSWER]

(799)

- 1 Yes
- 2 No
- 3 Don't Know

Q.22 Have you applied for credit in the last 12 months?

[REQUIRE ANSWER]

(800)

- 1 Yes
- 2 No
- 3 Don't Know

[S - IF THE ANSWER IS 1, THEN SKIP TO QUESTION 26]

[S - IF THE ANSWER IS 3, THEN SKIP TO QUESTION 31]

Q.23 What was your primary reason for **not** applying for credit? Would you say:

[REQUIRE ANSWER]

(801)

- 1 Have sufficient financing
- 2 Debt averse
- 3 Credit cost too high
- 4 Discouraged from applying

[S - IF THE ANSWER IS 1-3, THEN SKIP TO QUESTION 31]

Q.24 **If discourage from applying ask:**

In your opinion, what was the **primary** reason you think lead to your loan being denied: Would you say:**READ ALL**

[REQUIRE ANSWER]

(802)

- 1 Insufficient Documentation
- 2 Insufficient Business History
- 3 Confusion about the process
- 4 Race or Ethnicity of Owner
- 5 Gender of Owner
- 6 Don't Know
- 7 Other (SPECIFY)

[S - IF THE ANSWER IS 1-5, THEN SKIP TO QUESTION 31]

[S - IF THE ANSWER IS 5-6, THEN SKIP TO QUESTION 30]

[A - IF THE ANSWER TO QUESTION 24 IS NOT 7, THEN SKIP TO QUESTION 31]

Q.25 Other Reason for denial:

[REQUIRE ANSWER]

\_\_\_\_\_ (803-1102)

[D - IF THE ANSWER TO QUESTION 24 IS NOT 999, THEN SKIP TO QUESTION 31]

Q.26 Was your credit application **approved**?

[REQUIRE ANSWER]

(1103)

- 1 Yes
- 2 No
- 3 Don't Know

[S - IF THE ANSWER IS 2, THEN SKIP TO QUESTION 28]

[S - IF THE ANSWER IS 3, THEN SKIP TO QUESTION 31]

Q.27 What was the total amount of credit you **requested**? Would you say:

[REQUIRE ANSWER]

(1104)

- 1 Less than \$25K
- 2 \$25,000 to \$100,000
- 3 \$100,000 to \$250,000
- 4 \$250,000 to \$1 Million
- 5 \$1 Million or more
- 6 DK

[S - IF THE ANSWER IS NOT 99999, THEN SKIP TO QUESTION 31]

Q.28 Why do you think your credit application was denied? Would you say:

**READ ALL EXCEPT DON'T KNOW.**

[REQUIRE ANSWER]

(1105)

- 1 Insufficient Documentation
- 2 Insufficient Business History
- 3 Confusion about the process
- 4 Race or Ethnicity of Owner
- 5 Gender of Owner
- 6 Don't Know (VOLUNTEERED)
- 7 Other

[S - IF THE ANSWER IS 1-6, THEN SKIP TO QUESTION 30]

[A - IF THE ANSWER TO QUESTION 28 IS NOT 7, THEN SKIP TO QUESTION 30]

Q.29 Other Reason for Denial?

[REQUIRE ANSWER]

\_\_\_\_\_ (1106-1405)

[D - IF THE ANSWER TO QUESTION 28 IS NOT 999, THEN SKIP TO QUESTION 30]

Q.30 What was the total amount of loan requested?

[REQUIRE ANSWER]

(1406)

- 1 Less than \$25K
- 2 \$25,000 to \$100,000
- 3 \$100,000 to \$250,000
- 4 \$250,000 to \$1 Million
- 5 \$1 Million or more
- 6 DK

Q.31 Next, we would like to know about potential barriers you may have experienced in the private market.

Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector:

[REQUIRE ANSWER]

	Yes	No	Don't Know
Harassment on the jobsite	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1407)
Unequal or unfair treatment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1408)
Double standards in performance	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1409)
Denial of opportunity to bid	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1410)
Unfair denial of contract award	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1411)
Unfair termination	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1412)
Unequal price quotes from suppliers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1413)
Other	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1414)

[A - IF THE ANSWER TO SUB-QUESTION 8 OF QUESTION 31 IS NOT 1, THEN SKIP TO QUESTION 33]

Q.32 Other discriminatory behavior in private sector:

[REQUIRE ANSWER]

\_\_\_\_\_ (1415-1714)

Q.33 Thinking about your company's operations, does your company bid, quote or propose primarily as a **prime contractor/consultant, subcontractor/supplier, or both?**

[REQUIRE ANSWER]

(1715)

- 1 Prime contractor
- 2 Subcontractor
- 3 Both
- 4 Don't Know

[S - IF THE ANSWER IS 2, THEN SKIP TO QUESTION 44]

[A - IF THE ANSWER TO QUESTION 33 IS NOT 1 OR 3, THEN SKIP TO QUESTION 44]

Q.34 In general, which of the following ranges best approximate your company's largest **prime contract** awarded between **October 1, 2014 and September 30, 2019**? Would you say it fall between:

**(BEST GUESS)**

[REQUIRE ANSWER]

(1716-1717)

- 01 None
- 02 Up to \$50,000?
- 03 \$50,001 to \$100,000?
- 04 \$100,001 to \$200,000?
- 05 \$200,001 to \$300,000?
- 06 \$300,001 to \$400,000?
- 07 \$400,001 to \$500,000?
- 08 \$500,001 to \$1 million?
- 09 Over \$1 million?
- 10 Don't know

Q.35 In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a **prime contractor/vendor**?

[REQUIRE ANSWER]

	Yes	No	Don't Know
Prequalification requirements	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1718)
Bond requirements	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1719)
Proposal/bid specifications	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1720)
Short or limited time given to prepare bid package or quote	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1721)
Unnecessarily restrictive contract specifications	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1722)
Meeting DBE program requirements	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1723)
Identifying DBE firms	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1724)
Selection process/evaluation criteria	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1725)
Insurance requirements/general liability, professional liability, etc.)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1726)
Cost of bidding/proposing	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1727)
Price of supplies/materials	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1728)
Competing with large companies	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1729)
Financing	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1730)
Lack of experience	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1731)
Informal network of prime contractors excluding my company	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1732)
Changes in the scope of work (after work began)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1733)
Slow payment or non-payment for project work	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1734)

Q.36 Does the Alaska Department of Transportation & Public Facilities (DOT&PF) require you to have bonding?

[REQUIRE ANSWER]

(1735)

1 Yes

2 No

3 Don't know

[S - IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 48]

Q.37 What is your current **aggregate (the maximum) bonding** capacity?

[REQUIRE ANSWER]

(1736)

- 1 Below \$100,000?
- 2 \$100,001 to \$250,000?
- 3 \$250,001 to \$500,000?
- 4 \$500,001 to \$1 million?
- 5 \$1 million to \$1.5 million?
- 6 \$1.5 million to \$3 million?
- 7 \$3 million to \$5 million?
- 8 Over \$5 million?
- 9 Don't know

Q.38 Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects:

[REQUIRE ANSWER]

	Yes	No	DK
Harassment on the jobsite	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1737)
Unequal or unfair treatment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1738)
Double standards in performance	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1739)
Denial of opportunity to bid	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1740)
Unfair denial of contract award	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1741)
Unfair termination	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1742)
Unequal price quotes from suppliers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (1743)

[A - IF THE ANSWER TO SUB-QUESTION 1 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 2 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 3 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 4 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 5 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 6 OF QUESTION 38 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 7 OF QUESTION 38 IS NOT 1, THEN SKIP TO QUESTION 44]

Q.39 How did you become aware of the discrimination against your company?

[REQUIRE ANSWER]

(1744)

- 1 Verbal comment
- 2 Written statement/documents
- 3 Action taken against the company
- 4 Don't know
- 5 Other action

[A - IF THE ANSWER TO QUESTION 39 IS NOT 5, THEN SKIP TO QUESTION 41]

Q.40 Specify **DISCRIMINATORY ACTION**

[REQUIRE ANSWER]

\_\_\_\_\_ (1745-1844)

Q.41 Which of the following do you consider the **primary** reason for your company being discriminated against?

[REQUIRE ANSWER]

(1845)

- 1 Owner's race or ethnicity
- 2 Owner's gender
- 3 Both race and gender
- 4 Don't know
- 5 Other reason

[A - IF THE ANSWER TO QUESTION 41 IS NOT 5, THEN SKIP TO QUESTION 43]

Q.42 Specify **REASON**

[REQUIRE ANSWER]

\_\_\_\_\_ (1846-2145)



Q.43 Did you file a complaint?

[REQUIRE ANSWER]

(2146)

- 1 Yes
- 2 No
- 3 Don't know

[A - IF THE ANSWER TO QUESTION 33 IS NOT 2-4, THEN SKIP TO QUESTION 56]

Q.44 Which of the following ranges best approximates your company's largest **subcontract award** between **October 1, 2016 and September 30, 2019**? Would you say:

**(BEST GUESS)**

[REQUIRE ANSWER]

(2147-2148)

- 01 None
- 02 Up to \$50,000?
- 03 \$50,001 to \$100,000?
- 04 \$100,001 to \$200,000?
- 05 \$200,001 to \$300,000?
- 06 \$300,001 to \$400,000?
- 07 \$400,001 to \$500,000?
- 08 \$500,001 to \$1 million?
- 09 Over \$1 million?
- 10 Don't know

Q.45 Have any of the following been a barrier when attempting to do work or while working as a **subcontractor** for prime contractors for the Alaska DOT&PF?

[REQUIRE ANSWER]

	Yes	No	DK
Prequalification requirements	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2149)
Bond requirements	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2150)
Proposal/bid specifications	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2151)
Short or limited time given to prepare bid package or quote	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2152)
Unnecessarily restrictive contract specifications	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2153)
Selection process/evaluation criteria	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2154)
Insurance requirements (general liability, professional liability, etc.)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2155)
Cost of bidding/proposing	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2156)
Price of supplies/materials	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2157)
Competing with large companies	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2158)
Financing	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2159)
Lack of experience	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2160)
Contract too large	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2161)
Informal network of primes and subcontractors excluding my company from doing business	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2162)
Changes in scope of work (after work began)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2163)
Slow payment or non-payment for project work	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2164)

Q.46 Do prime contractors on Alaska DOT&PF projects require your company to have a bond for your type of work?

[REQUIRE ANSWER]

(2165)

1 Yes

2 No

3 Don't Know

[S - IF THE ANSWER IS 2-3, THEN SKIP TO QUESTION 48]

Q.47 What is your current **aggregate (the maximum) bonding** capacity?

[REQUIRE ANSWER]

(2166)

- 1 Below \$100,000?
- 2 \$100,001 to \$250,000?
- 3 \$250,001 to \$500,000?
- 4 \$500,001 to \$1 million?
- 5 \$1 million to \$1.5 million?
- 6 \$1.5 million to \$3 million?
- 7 \$3 million to \$5 million?
- 8 Over \$5 million?
- 9 Don't know

Q.48 Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects:

[REQUIRE ANSWER]

	Yes	No	DK
Harassment on the jobsite	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2167)
Unequal or unfair treatment	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2168)
Double standards in performance	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2169)
Denial of opportunity to bid	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2170)
Unfair denial of contract award	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2171)
Unfair termination	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2172)
Unequal price quotes from suppliers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2173)

[A - IF THE ANSWER TO SUB-QUESTION 1 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 2 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 3 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 4 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 5 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 6 OF QUESTION 48 IS NOT 1, AND...]

[A - IF THE ANSWER TO SUB-QUESTION 7 OF QUESTION 48 IS NOT 1, THEN SKIP TO QUESTION 54]

Q.49 How did you become aware of the discrimination against your company? Would you say:

[REQUIRE ANSWER]

(2174)

- 1 Verbal comment
- 2 Written statement/documents
- 3 Action taken against the company
- 4 Don't know
- 5 Other

[A - IF THE ANSWER TO QUESTION 49 IS NOT 5, THEN SKIP TO QUESTION 51]

Q.50 OTHER DISCRIMINATORY BEHAVIOR:

[REQUIRE ANSWER]

\_\_\_\_\_ (2175-2474)

Q.51 Which of the following do you consider the **primary** reason for your company being discriminated against? Would you say:

[REQUIRE ANSWER]

(2475)

- 1 Owner's race or ethnicity
- 2 Owner's gender
- 3 Both race and gender
- 4 Don't know
- 5 Other reason

[A - IF THE ANSWER TO QUESTION 51 IS NOT 5, THEN SKIP TO QUESTION 53]

Q.52 OTHER DISCRIMINATORY REASON:

[REQUIRE ANSWER]

\_\_\_\_\_ (2476-2575)

Q.53 Did you file a complaint?

[REQUIRE ANSWER]

(2576)

- 1 Yes
- 2 No
- 3 Don't know

Q.54 Have you experienced or observed a situation in which a prime contractor/vendor includes minority or woman subcontractors on a bid or proposal and then drops or replaces the company as a subcontractor after winning the award for no legitimate reason for a:

[REQUIRE ANSWER]

	Yes	No	DK
Alaska DOT&PF project?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2577)
Non-DOT&PF project?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 (2578)

Q.55 How often do prime contractors who use your company on public sector projects with M/WDBE (*Minority, Women, & Disadvantaged Business Enterprise*) goals solicit your company on projects (private or public) without MWDBE goals?

[REQUIRE ANSWER]

(2579)

- 1 Very often
- 2 Sometimes
- 3 Seldom
- 4 Never
- 5 Don't Know

Q.56 Do you have any other feedback or information that you would like to share about the Alaska Department of Transportation & Public Facilities, contracting, working with prime firms, working with sub-contractors or the administration of the DBE program?

[REQUIRE ANSWER]

\_\_\_\_\_ (2580-3079)

Q.57 That completes the research study. On behalf of the Alaska DOT&PF, thank you for your participation.

**PROVIDE ONLY IF ASKED FOR:**

**If you have any questions or would like more information on the Disparity Study, please contact Andres Bernal at 850-386-3191 or [abernal@mgtconsulting.com](mailto:abernal@mgtconsulting.com), or visit the study website at [www.alaskadotpfdisparitystudy.com](http://www.alaskadotpfdisparitystudy.com).**

Q.58 Procurement Category: [ANSWER TO Q. 71]

Type of Business

(3080)

- 1 Construction
- 2 Architecture and Engineering Services
- 3 Professional Services
- 4 General/Nonprofessional Services
- 5 Goods and Commodities
- 6 Concession
- 7 Other

Q.59 Ethnicity from Sample [ANSWER TO Q. 72]

(3081)

- 1 AA/Black
- 2 Asian American
- 3 Caucasian/White
- 4 Hispanic American/Latino
- 5 Native American/American Indian
- 6 Non-Minority/ Female
- 7 M/ WBE
- 8 NON-MWBE
- 9 Other

- Q.60 Interviewer Comments \_\_\_\_\_ (3082-3581)
- Q.61 Telephone Number \_\_\_\_\_ (5000-5015)
- Q.62 Ref Name \_\_\_\_\_ (5016-5035)
- Q.63 Ref # \_\_\_\_\_ (5036-5045)
- Q.64 Company Name \_\_\_\_\_ (5046-5145)
- Q.65 Contact \_\_\_\_\_ (5146-5195)
- Q.66 Street \_\_\_\_\_ (5196-5245)
- Q.67 City \_\_\_\_\_ (5246-5275)
- Q.68 State \_\_\_\_\_ (5276-5325)
- Q.69 NAICS Code \_\_\_\_\_ (5326-5335)
- Q.70 Description \_\_\_\_\_ (5336-5435)
- Q.71 Business Type/Category \_\_\_\_\_ (5436-5485)
- Q.72 Ethnicity \_\_\_\_\_ (5486-5505)
- Q.73 MWBE Status \_\_\_\_\_ (5506-5515)
- Q.74 MGT ID \_\_\_\_\_ (5516-5525)
- Q.75 DUNS \_\_\_\_\_ (5526-5535)
- Q.76 Interviewer \_\_\_\_\_ (5536-5539)
- Q.77 Date \_\_\_\_\_ (5540-5548)
- Q.78 Time \_\_\_\_\_ (5549-5554)
- Q.79 Duration \_\_\_\_\_ (5555-5560)
- Q.80 Call Result \_\_\_\_\_ (5561-5562)

**Q1- What is your title? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q1- What is your title?	Owner	Count	7	15	1	13	14	13	123	126	312
		% within Q1	2.24%	4.81%	0.32%	4.17%	4.49%	4.17%	39.42%	40.38%	100.00%
		% within Business Ownership	100.00%	41.67%	100.00%	86.67%	73.68%	72.22%	82.00%	73.68%	74.82%
	CEO/President	Count	0	7	0	0	1	1	12	13	34
		% within Q1	0.00%	20.59%	0.00%	0.00%	2.94%	2.94%	35.29%	38.24%	100.00%
		% within Business Ownership	0.00%	19.44%	0.00%	0.00%	5.26%	5.56%	8.00%	7.60%	8.15%
	Manager/Financial Officer	Count	0	14	0	2	4	4	13	29	66
		% within Q1	0.00%	21.21%	0.00%	3.03%	6.06%	6.06%	19.70%	43.94%	100.00%
		% within Business Ownership	0.00%	38.89%	0.00%	13.33%	21.05%	22.22%	8.67%	16.96%	15.83%
	Other	Count	0	0	0	0	0	0	2	3	5
		% within Q1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.33%	1.75%	1.20%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q1	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	



**Q4- What is your company's primary line of business? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q4- What is your company's primary line of business?	Construction	Count	1	14	0	7	6	9	44	67	148
		% within Q4	0.68%	9.46%	0.00%	4.73%	4.05%	6.08%	29.73%	45.27%	100.00%
		% within Business Ownership	14.29%	38.89%	0.00%	46.67%	31.58%	50.00%	29.33%	39.18%	35.49%
	Architecture & Engineering	Count	0	1	0	2	2	0	3	9	17
		% within Q4	0.00%	5.88%	0.00%	11.76%	11.76%	0.00%	17.65%	52.94%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	13.33%	10.53%	0.00%	2.00%	5.26%	4.08%
	Professional Services	Count	4	15	1	1	6	6	66	55	154
		% within Q4	2.60%	9.74%	0.65%	0.65%	3.90%	3.90%	42.86%	35.71%	100.00%
		% within Business Ownership	57.14%	41.67%	100.00%	6.67%	31.58%	33.33%	44.00%	32.16%	36.93%
	General or Nonprofessional Services	Count	2	1	0	3	4	2	18	16	46
		% within Q4	4.35%	2.17%	0.00%	6.52%	8.70%	4.35%	39.13%	34.78%	100.00%
		% within Business Ownership	28.57%	2.78%	0.00%	20.00%	21.05%	11.11%	12.00%	9.36%	11.03%
	Goods	Count	0	5	0	2	1	1	19	24	52
		% within Q4	0.00%	9.62%	0.00%	3.85%	1.92%	1.92%	36.54%	46.15%	100.00%

		% within Business Ownership	0.00%	13.89%	0.00%	13.33%	5.26%	5.56%	12.67%	14.04%	12.47%
	Concession	Count	0	0	0	0	0	0	0	0	0
		% within Q4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Other	Count	0	0	0	0	0	0	0	0	0
		% within Q4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q4	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q6- Is your company an Alaska Native Corporation? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q6-Is your company an Alaska Native Corporation?	Yes	Count	0	36	0	0	0	0	0	0	36
		% within Q6	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.63%
	No	Count	7	0	1	15	19	17	150	168	377
		% within Q6	1.86%	0.00%	0.27%	3.98%	5.04%	4.51%	39.79%	44.56%	100.00%
		% within Business Ownership	100.00%	0.00%	100.00%	100.00%	100.00%	94.44%	100.00%	98.25%	90.41%
	Don't Know	Count	0	0	0	0	0	1	0	3	4
		% within Q6	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	75.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	1.75%	0.96%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q6	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q7- Is your company a Tribal Corporation? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q7- Is your company a Tribal Corporation?	Yes	Count	0	14	1	0	0	0	0	0	15
		% within Q7	0.00%	93.33%	6.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	38.89%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.60%
	No	Count	7	21	0	15	19	18	150	171	401
		% within Q7	1.75%	5.24%	0.00%	3.74%	4.74%	4.49%	37.41%	42.64%	100.00%
		% within Business Ownership	100.00%	58.33%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	96.16%
	Don't Know	Count	0	1	0	0	0	0	0	0	1
		% within Q7	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q7	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q8- Is your company at least 51 percent owned and controlled by a woman or women? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q8- Is your company at least 51 percent owned and controlled by a woman or women?	Yes	Count	3	11	1	7	13	10	150	6	201
		% within Q8	1.49%	5.47%	0.50%	3.48%	6.47%	4.98%	74.63%	2.99%	100.00%
		% within Business Ownership	42.86%	30.56%	100.00%	46.67%	68.42%	55.56%	100.00%	3.51%	48.20%
	No	Count	4	24	0	8	6	8	0	162	212
		% within Q8	1.89%	11.32%	0.00%	3.77%	2.83%	3.77%	0.00%	76.42%	100.00%
		% within Business Ownership	57.14%	66.67%	0.00%	53.33%	31.58%	44.44%	0.00%	94.74%	50.84%
	Don't Know	Count	0	1	0	0	0	0	0	3	4
		% within Q8	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.00%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	1.75%	0.96%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q8	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q9- Is your company at least 51 percent owned, managed, and controlled by a person or people of one of the following racial or ethnic group(s)? \* Business Ownership Crosstabulation**

			Business Ownership							Total		
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE	
Q9- Is your company at least 51 percent owned, managed, and controlled by a person or people of one of the following racial or ethnic group(s)?	African American	Count	7	1	0	0	0	0	0	0	8	
		% within Q9	87.50%	12.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	100.00%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.92%
	Asian American or Pacific Islander	Count	0	0	0	15	0	0	0	0	0	15
		% within Q9	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.60%
	Caucasian/White	Count	0	8	1	0	0	0	150	157	316	
		% within Q9	0.00%	2.53%	0.32%	0.00%	0.00%	0.00%	47.47%	49.68%	100.00%	
		% within Business Ownership	0.00%	22.22%	100.00%	0.00%	0.00%	0.00%	100.00%	91.81%	75.78%	
	Hispanic American or Latino	Count	0	1	0	0	19	0	0	0	20	
		% within Q9	0.00%	5.00%	0.00%	0.00%	95.00%	0.00%	0.00%	0.00%	100.00%	
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	4.80%	
	Native American/ American Indian	Count	0	26	0	0	0	18	0	0	44	
		% within Q9	0.00%	59.09%	0.00%	0.00%	0.00%	40.91%	0.00%	0.00%	100.00%	
		% within Business Ownership	0.00%	72.22%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	10.55%	
	Don't Know	Count	0	0	0	0	0	0	0	4	4	
		% within Q9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	

		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.34%	0.96%
	Other	Count	0	0	0	0	0	0	0	10	10
		% within Q9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.85%	2.40%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q9	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q11- What is the highest level of education completed by the primary owner of your company? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q11- What is the highest level of education completed by the primary owner of your company?	Some high school	Count	0	0	0	0	0	0	1	1	2
		% within Q11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.67%	0.58%	0.48%
	High school graduate	Count	1	2	0	0	6	2	20	24	55
		% within Q11	1.82%	3.64%	0.00%	0.00%	10.91%	3.64%	36.36%	43.64%	100.00%
		% within Business Ownership	14.29%	5.56%	0.00%	0.00%	31.58%	11.11%	13.33%	14.04%	13.19%
	Trade or technical education	Count	0	3	0	0	0	0	6	17	26
		% within Q11	0.00%	11.54%	0.00%	0.00%	0.00%	0.00%	23.08%	65.38%	100.00%
		% within Business Ownership	0.00%	8.33%	0.00%	0.00%	0.00%	0.00%	4.00%	9.94%	6.24%
			Count	2	7	0	1	2	6	34	31

	Associate Degree (AA, AS, etc.)	% within Q11	2.41%	8.43%	0.00%	1.20%	2.41%	7.23%	40.96%	37.35%	100.00%
		% within Business Ownership	28.57%	19.44%	0.00%	6.67%	10.53%	33.33%	22.67%	18.13%	19.90%
	Bachelor's Degree (BA, BS, etc.)	Count	3	14	0	8	4	5	38	52	124
		% within Q11	2.42%	11.29%	0.00%	6.45%	3.23%	4.03%	30.65%	41.94%	100.00%
		% within Business Ownership	42.86%	38.89%	0.00%	53.33%	21.05%	27.78%	25.33%	30.41%	29.74%
	Graduate or Professional Degree (MA, PhD, JD, etc)	Count	1	10	1	6	7	5	50	45	125
		% within Q11	0.80%	8.00%	0.80%	4.80%	5.60%	4.00%	40.00%	36.00%	100.00%
		% within Business Ownership	14.29%	27.78%	100.00%	40.00%	36.84%	27.78%	33.33%	26.32%	29.98%
	Don't Know	Count	0	0	0	0	0	0	1	1	2
		% within Q11	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.67%	0.58%	0.48%
	Total	Count	7	36	1	15	19	18	150	171	417
% within Q11		1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
% within Business Ownership		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	



**Q12- What is the age of the company? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q12- What is the age of the company? Would you say:	2 years or less	Count	0	0	0	1	1	0	10	4	16
		% within Q12	0.00%	0.00%	0.00%	6.25%	6.25%	0.00%	62.50%	25.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	6.67%	5.26%	0.00%	6.67%	2.34%	3.84%
	3-5 years	Count	3	4	0	1	4	5	24	20	61
		% within Q12	4.92%	6.56%	0.00%	1.64%	6.56%	8.20%	39.34%	32.79%	100.00%
		% within Business Ownership	42.86%	11.11%	0.00%	6.67%	21.05%	27.78%	16.00%	11.70%	14.63%
	6-10 years	Count	2	9	0	3	4	3	27	30	78
		% within Q12	2.56%	11.54%	0.00%	3.85%	5.13%	3.85%	34.62%	38.46%	100.00%
		% within Business Ownership	28.57%	25.00%	0.00%	20.00%	21.05%	16.67%	18.00%	17.54%	18.71%
	11-15 years	Count	1	1	0	2	2	1	20	28	55
		% within Q12	1.82%	1.82%	0.00%	3.64%	3.64%	1.82%	36.36%	50.91%	100.00%
		% within Business Ownership	14.29%	2.78%	0.00%	13.33%	10.53%	5.56%	13.33%	16.37%	13.19%
	16-20 years	Count	0	8	0	3	4	5	15	23	58
		% within Q12	0.00%	13.79%	0.00%	5.17%	6.90%	8.62%	25.86%	39.66%	100.00%
		% within Business Ownership	0.00%	22.22%	0.00%	20.00%	21.05%	27.78%	10.00%	13.45%	13.91%
21 + years	Count	1	14	1	5	4	4	54	66	149	
	% within Q12	0.67%	9.40%	0.67%	3.36%	2.68%	2.68%	36.24%	44.30%	100.00%	
	% within Business Ownership	14.29%	38.89%	100.00%	33.33%	21.05%	22.22%	36.00%	38.60%	35.73%	

Total	Count	7	36	1	15	19	18	150	171	417
	% within Q12	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q13- Which of the following ranges best approximates your company's annual revenue of the company for the 2019 calendar year? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q13- Which of the following ranges best approximates your company's annual revenue of the company for the 2019 calendar year? Would you say:	Less than \$100,000	Count	1	6	0	4	7	4	46	40	108
		% within Q13	0.93%	5.56%	0.00%	3.70%	6.48%	3.70%	42.59%	37.04%	100.00%
		% within Business Ownership	14.29%	16.67%	0.00%	26.67%	36.84%	22.22%	30.67%	23.39%	25.90%
	\$100,000-\$500,000	Count	2	6	0	2	4	3	44	39	100
		% within Q13	2.00%	6.00%	0.00%	2.00%	4.00%	3.00%	44.00%	39.00%	100.00%
		% within Business Ownership	28.57%	16.67%	0.00%	13.33%	21.05%	16.67%	29.33%	22.81%	23.98%
	\$500,000-\$1 million	Count	1	2	0	2	6	5	17	25	58
		% within Q13	1.72%	3.45%	0.00%	3.45%	10.34%	8.62%	29.31%	43.10%	100.00%
		% within Business Ownership	14.29%	5.56%	0.00%	13.33%	31.58%	27.78%	11.33%	14.62%	13.91%
	\$1 million-\$5 million	Count	1	13	0	4	1	3	19	40	81
		% within Q13	1.23%	16.05%	0.00%	4.94%	1.23%	3.70%	23.46%	49.38%	100.00%

		% within Business Ownership	14.29%	36.11%	0.00%	26.67%	5.26%	16.67%	12.67%	23.39%	19.42%
	\$5 million-\$10 million	Count	1	5	0	2	1	1	14	13	37
		% within Q13	2.70%	13.51%	0.00%	5.41%	2.70%	2.70%	37.84%	35.14%	100.00%
		% within Business Ownership	14.29%	13.89%	0.00%	13.33%	5.26%	5.56%	9.33%	7.60%	8.87%
	Greater than \$10 million	Count	0	3	0	1	0	2	3	7	16
		% within Q13	0.00%	18.75%	0.00%	6.25%	0.00%	12.50%	18.75%	43.75%	100.00%
		% within Business Ownership	0.00%	8.33%	0.00%	6.67%	0.00%	11.11%	2.00%	4.09%	3.84%
	Don't know/Refused	Count	1	1	1	0	0	0	7	7	17
		% within Q13	5.88%	5.88%	5.88%	0.00%	0.00%	0.00%	41.18%	41.18%	100.00%
		% within Business Ownership	14.29%	2.78%	100.00%	0.00%	0.00%	0.00%	4.67%	4.09%	4.08%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q13	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q14- How many employees does the company currently have? Would you say it is between: \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q14- How many employees does the company currently have? Would you say it is between:	1 to 4	Count	7	7	1	7	9	7	85	102	225
		% within Q14	3.11%	3.11%	0.44%	3.11%	4.00%	3.11%	37.78%	45.33%	100.00%
		% within Business Ownership	100.00%	19.44%	100.00%	46.67%	47.37%	38.89%	56.67%	59.65%	53.96%
	5 to 9	Count	0	5	0	2	5	6	22	25	65
		% within Q14	0.00%	7.69%	0.00%	3.08%	7.69%	9.23%	33.85%	38.46%	100.00%
		% within Business Ownership	0.00%	13.89%	0.00%	13.33%	26.32%	33.33%	14.67%	14.62%	15.59%
	10 to 19	Count	0	16	0	0	1	1	15	16	49
		% within Q14	0.00%	32.65%	0.00%	0.00%	2.04%	2.04%	30.61%	32.65%	100.00%
		% within Business Ownership	0.00%	44.44%	0.00%	0.00%	5.26%	5.56%	10.00%	9.36%	11.75%
	20 to 49	Count	0	7	0	4	4	2	14	16	47
		% within Q14	0.00%	14.89%	0.00%	8.51%	8.51%	4.26%	29.79%	34.04%	100.00%
		% within Business Ownership	0.00%	19.44%	0.00%	26.67%	21.05%	11.11%	9.33%	9.36%	11.27%
	50 to 499	Count	0	0	0	1	0	2	9	11	23
		% within Q14	0.00%	0.00%	0.00%	4.35%	0.00%	8.70%	39.13%	47.83%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	6.67%	0.00%	11.11%	6.00%	6.43%	5.52%
	500 or more	Count	0	1	0	1	0	0	4	1	7
		% within Q14	0.00%	14.29%	0.00%	14.29%	0.00%	0.00%	57.14%	14.29%	100.00%

		% within Business Ownership	0.00%	2.78%	0.00%	6.67%	0.00%	0.00%	2.67%	0.58%	1.68%
	Don't Know	Count	0	0	0	0	0	0	1	0	1
		% within Q14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.67%	0.00%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q14	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q15- Does your company hold any of the following certifications from a recognized certification agency? Minority Business Enterprise (MBE) \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q15- Does your company hold any of the following certifications from a recognized certification agency? Minority Business Enterprise (MBE)	Yes	Count	1	14	0	2	5	5	19	1	47
		% within Q15a	2.13%	29.79%	0.00%	4.26%	10.64%	10.64%	40.43%	2.13%	100.00%
		% within Business Ownership	14.29%	38.89%	0.00%	13.33%	26.32%	27.78%	12.67%	0.58%	11.27%
	No	Count	6	22	1	13	14	12	131	170	369
		% within Q15a	1.63%	5.96%	0.27%	3.52%	3.79%	3.25%	35.50%	46.07%	100.00%
		% within Business Ownership	85.71%	61.11%	100.00%	86.67%	73.68%	66.67%	87.33%	99.42%	88.49%
	Don't Know	Count	0	0	0	0	0	1	0	0	1
		% within Q15a	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.24%

Total	Count	7	36	1	15	19	18	150	171	417
	% within Q15a	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q15- Does your company hold any of the following certifications from a recognized certification agency? Woman Business Enterprise (WBE) \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q15- Does your company hold any of the following certifications from a recognized certification agency? Woman Business Enterprise (WBE)	Yes	Count	2	8	0	3	9	5	36	4	67
		% within Q15b	2.99%	11.94%	0.00%	4.48%	13.43%	7.46%	53.73%	5.97%	100.00%
		% within Business Ownership	28.57%	22.22%	0.00%	20.00%	47.37%	27.78%	24.00%	2.34%	16.07%
	No	Count	5	28	1	12	10	13	111	167	347
		% within Q15b	1.44%	8.07%	0.29%	3.46%	2.88%	3.75%	31.99%	48.13%	100.00%
		% within Business Ownership	71.43%	77.78%	100.00%	80.00%	52.63%	72.22%	74.00%	97.66%	83.21%
	Don't Know	Count	0	0	0	0	0	0	3	0	3
		% within Q15b	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.72%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q15b	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q15- Does your company hold any of the following certifications from a recognized certification agency? Disadvantaged Business Enterprise (DBE) \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q15- Does your company hold any of the following certifications from a recognized certification agency? Disadvantaged Business Enterprise (DBE)	Yes	Count	1	11	0	4	4	2	15	3	40
		% within Q15c	2.50%	27.50%	0.00%	10.00%	10.00%	5.00%	37.50%	7.50%	100.00%
		% within Business Ownership	14.29%	30.56%	0.00%	26.67%	21.05%	11.11%	10.00%	1.75%	9.59%
	No	Count	6	25	1	11	15	15	135	168	376
		% within Q15c	1.60%	6.65%	0.27%	2.93%	3.99%	3.99%	35.90%	44.68%	100.00%
		% within Business Ownership	85.71%	69.44%	100.00%	73.33%	78.95%	83.33%	90.00%	98.25%	90.17%
	Don't Know	Count	0	0	0	0	0	1	0	0	1
		% within Q15c	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.24%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q15c	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q15- Does your company hold any of the following certifications from a recognized certification agency? Small Business Enterprise (SBE) \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q15- Does your company hold any of the following certifications from a recognized certification agency? Small Business Enterprise (SBE)	Yes	Count	3	18	0	3	7	5	20	29	85
		% within Q15d	3.53%	21.18%	0.00%	3.53%	8.24%	5.88%	23.53%	34.12%	100.00%
		% within Business Ownership	42.86%	50.00%	0.00%	20.00%	36.84%	27.78%	13.33%	16.96%	20.38%
	No	Count	4	16	1	12	12	12	128	136	321
		% within Q15d	1.25%	4.98%	0.31%	3.74%	3.74%	3.74%	39.88%	42.37%	100.00%
		% within Business Ownership	57.14%	44.44%	100.00%	80.00%	63.16%	66.67%	85.33%	79.53%	76.98%
	Don't Know	Count	0	2	0	0	0	1	2	6	11
		% within Q15d	0.00%	18.18%	0.00%	0.00%	0.00%	9.09%	18.18%	54.55%	100.00%
		% within Business Ownership	0.00%	5.56%	0.00%	0.00%	0.00%	5.56%	1.33%	3.51%	2.64%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q15d	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	



**Q15- Does your company hold any of the following certifications from a recognized certification agency? Other \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q15- Does your company hold any of the following certifications from a recognized certification agency? Other	Yes	Count	0	6	0	1	0	1	2	3	13
		% within Q15e	0.00%	46.15%	0.00%	7.69%	0.00%	7.69%	15.38%	23.08%	100.00%
		% within Business Ownership	0.00%	16.67%	0.00%	6.67%	0.00%	5.56%	1.33%	1.75%	3.12%
	No	Count	7	30	1	14	19	16	148	168	403
		% within Q15e	1.74%	7.44%	0.25%	3.47%	4.71%	3.97%	36.72%	41.69%	100.00%
		% within Business Ownership	100.00%	83.33%	100.00%	93.33%	100.00%	88.89%	98.67%	98.25%	96.64%
	Don't Know	Count	0	0	0	0	0	1	0	0	1
		% within Q15e	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	5.56%	0.00%	0.00%	0.24%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q15e	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q17- Have you applied for Disadvantaged Business Enterprise (DBE) certification in Alaska? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q17- Have you applied for Disadvantaged Business Enterprise (DBE) certification in Alaska?	Yes	Count	1	9	0	5	6	3	21	7	52
		% within Q17	1.92%	17.31%	0.00%	9.62%	11.54%	5.77%	40.38%	13.46%	100.00%
		% within Business Ownership	14.29%	25.00%	0.00%	33.33%	31.58%	16.67%	14.00%	4.09%	12.47%
	No	Count	6	26	1	10	12	13	127	162	357
		% within Q17	1.68%	7.28%	0.28%	2.80%	3.36%	3.64%	35.57%	45.38%	100.00%
		% within Business Ownership	85.71%	72.22%	100.00%	66.67%	63.16%	72.22%	84.67%	94.74%	85.61%
	Don't Know	Count	0	1	0	0	1	2	2	2	8
		% within Q17	0.00%	12.50%	0.00%	0.00%	12.50%	25.00%	25.00%	25.00%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	5.26%	11.11%	1.33%	1.17%	1.92%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q17	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q18- What are your reasons for not applying for DBE certification? Would you say: \* Business Ownership**  
**Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q18- What are your reasons for not applying for DBE certification? Would you say:	Application process too burdensome	Count	0	5	0	2	3	5	14	13	42
		% within Q18	0.00%	11.90%	0.00%	4.76%	7.14%	11.90%	33.33%	30.95%	100.00%
		% within Business Ownership	0.00%	18.52%	0.00%	20.00%	23.08%	33.33%	10.85%	7.93%	11.51%
	Application process too confusing	Count	0	4	0	0	1	1	5	2	13
		% within Q18	0.00%	30.77%	0.00%	0.00%	7.69%	7.69%	38.46%	15.38%	100.00%
		% within Business Ownership	0.00%	14.81%	0.00%	0.00%	7.69%	6.67%	3.88%	1.22%	3.56%
	I do not feel having the certification would help my business	Count	0	4	0	0	1	2	29	35	71
		% within Q18	0.00%	5.63%	0.00%	0.00%	1.41%	2.82%	40.85%	49.30%	100.00%
		% within Business Ownership	0.00%	14.81%	0.00%	0.00%	7.69%	13.33%	22.48%	21.34%	19.45%
	I do not think I am eligible for certification	Count	2	9	0	6	4	5	37	69	132
		% within Q18	1.52%	6.82%	0.00%	4.55%	3.03%	3.79%	28.03%	52.27%	100.00%
		% within Business Ownership	33.33%	33.33%	0.00%	60.00%	30.77%	33.33%	28.68%	42.07%	36.16%
	Other	Count	4	5	1	2	4	2	44	45	107
		% within Q18	3.74%	4.67%	0.93%	1.87%	3.74%	1.87%	41.12%	42.06%	100.00%
		% within Business Ownership	66.67%	18.52%	100.00%	20.00%	30.77%	13.33%	34.11%	27.44%	29.32%
Total	Count	6	27	1	10	13	15	129	164	365	
	% within Q18	1.64%	7.40%	0.27%	2.74%	3.56%	4.11%	35.34%	44.93%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q20- Please rate the ease of the application process on a scale from 1 to 5, where 1 is very hard and 5 is very easy: \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q20- Please rate the ease of the application process on a scale from 1 to 5, where 1 is very hard and 5 is very easy:	Very hard	Count	0	1	0	1	1	0	6	2	11
		% within Q20	0.00%	9.09%	0.00%	9.09%	9.09%	0.00%	54.55%	18.18%	100.00%
		% within Business Ownership	0.00%	11.11%	0.00%	20.00%	16.67%	0.00%	28.57%	28.57%	21.15%
	Hard	Count	0	0	0	0	0	1	5	0	6
		% within Q20	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	83.33%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	23.81%	0.00%	11.54%
	Neutral	Count	0	5	0	2	4	1	8	4	24
		% within Q20	0.00%	20.83%	0.00%	8.33%	16.67%	4.17%	33.33%	16.67%	100.00%
		% within Business Ownership	0.00%	55.56%	0.00%	40.00%	66.67%	33.33%	38.10%	57.14%	46.15%
	Easy	Count	1	3	0	1	1	1	1	1	9
		% within Q20	11.11%	33.33%	0.00%	11.11%	11.11%	11.11%	11.11%	11.11%	100.00%
		% within Business Ownership	100.00%	33.33%	0.00%	20.00%	16.67%	33.33%	4.76%	14.29%	17.31%
	Very easy	Count	0	0	0	1	0	0	1	0	2
		% within Q20	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	4.76%	0.00%	3.85%
	Don't Know	Count	0	0	0	0	0	0	0	0	0
		% within Q20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total		Count	1	9	0	5	6	3	21	7	52
		% within Q20	1.92%	17.31%	0.00%	9.62%	11.54%	5.77%	40.38%	13.46%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q21- Next, has credit availability been a financial challenge in the past 12 months? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	American Indians/Alaska Natives	Nonminority Female		Non-M/WBE
Q21- Next, has credit availability been a financial challenge in the past 12 months?	Yes	Count	2	6	0	2	5	5	14	20	54
		% within Q21	3.70%	11.11%	0.00%	3.70%	9.26%	9.26%	25.93%	37.04%	100.00%
		% within Business Ownership	28.57%	16.67%	0.00%	13.33%	26.32%	27.78%	9.33%	11.70%	12.95%
	No	Count	5	30	1	13	13	13	136	149	360
		% within Q21	1.39%	8.33%	0.28%	3.61%	3.61%	3.61%	37.78%	41.39%	100.00%
		% within Business Ownership	71.43%	83.33%	100.00%	86.67%	68.42%	72.22%	90.67%	87.13%	86.33%
	Don't Know	Count	0	0	0	0	1	0	0	2	3
		% within Q21	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	66.67%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	5.26%	0.00%	0.00%	1.17%	0.72%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q21	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q22- Have you applied for credit in the last 12 months? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q22- Have you applied for credit in the last 12 months?	Yes	Count	1	11	0	4	10	5	33	37	101
		% within Q22	0.99%	10.89%	0.00%	3.96%	9.90%	4.95%	32.67%	36.63%	100.00%
		% within Business Ownership	14.29%	30.56%	0.00%	26.67%	52.63%	27.78%	22.00%	21.64%	24.22%
	No	Count	6	24	1	11	8	12	116	128	306
		% within Q22	1.96%	7.84%	0.33%	3.59%	2.61%	3.92%	37.91%	41.83%	100.00%
		% within Business Ownership	85.71%	66.67%	100.00%	73.33%	42.11%	66.67%	77.33%	74.85%	73.38%
	Don't Know	Count	0	1	0	0	1	1	1	6	10
		% within Q22	0.00%	10.00%	0.00%	0.00%	10.00%	10.00%	10.00%	60.00%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	5.26%	5.56%	0.67%	3.51%	2.40%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q22	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q23- What was your primary reason for not applying for credit? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q23- What was your primary reason for not applying for credit? Would you say:	Have sufficient financing	Count	4	23	1	10	7	10	96	106	257
		% within Q23	1.56%	8.95%	0.39%	3.89%	2.72%	3.89%	37.35%	41.25%	100.00%
		% within Business Ownership	66.67%	95.83%	100.00%	90.91%	87.50%	83.33%	82.76%	82.81%	83.99%
	Debt averse	Count	0	0	0	0	1	1	10	12	24
		% within Q23	0.00%	0.00%	0.00%	0.00%	4.17%	4.17%	41.67%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	12.50%	8.33%	8.62%	9.38%	7.84%
	Credit cost too high	Count	1	0	0	0	0	1	4	6	12
		% within Q23	8.33%	0.00%	0.00%	0.00%	0.00%	8.33%	33.33%	50.00%	100.00%
		% within Business Ownership	16.67%	0.00%	0.00%	0.00%	0.00%	8.33%	3.45%	4.69%	3.92%
	Discouraged from applying	Count	1	1	0	1	0	0	6	4	13
		% within Q23	7.69%	7.69%	0.00%	7.69%	0.00%	0.00%	46.15%	30.77%	100.00%
		% within Business Ownership	16.67%	4.17%	0.00%	9.09%	0.00%	0.00%	5.17%	3.13%	4.25%
Total	Count	6	24	1	11	8	12	116	128	306	
	% within Q23	1.96%	7.84%	0.33%	3.59%	2.61%	3.92%	37.91%	41.83%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q24- In your opinion, what was the primary reason you think lead to your loan being denied: Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q24- In your opinion, what was the primary reason you think lead to your loan being denied: Would you say:	Insufficient Documentation	Count	0	1	0	0	0	0	0	0	1
		% within Q24	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.69%
	Insufficient Business History	Count	1	0	0	1	0	0	1	0	3
		% within Q24	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	100.00%
		% within Business Ownership	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	16.67%	0.00%	23.08%
	Confusion about the process	Count	0	0	0	0	0	0	2	2	4
		% within Q24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	50.00%	30.77%
	Race or Ethnicity of Owner	Count	0	0	0	0	0	0	0	0	0
		% within Q24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Gender of Owner	Count	0	0	0	0	0	0	0	0	0
		% within Q24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Don't Know	Count	0	0	0	0	0	0	1	1	2
		% within Q24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%



		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	25.00%	15.38%
	Other	Count	0	0	0	0	0	0	2	1	3
		% within Q24	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	25.00%	23.08%
Total		Count	1	1	0	1	0	0	6	4	13
		% within Q24	7.69%	7.69%	0.00%	7.69%	0.00%	0.00%	46.15%	30.77%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	0.00%	0.00%	100.00%	100.00%	100.00%

**Q26- Was your credit application approved? \* Business Ownership Crosstabulation**

			Business Ownership							Total		
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE	
Q26- Was your credit application approved?	Yes	Count	0	10	0	4	7	3	27	30	81	
		% within Q26	0.00%	12.35%	0.00%	4.94%	8.64%	3.70%	33.33%	37.04%	100.00%	
		% within Business Ownership	0.00%	90.91%	0.00%	100.00%	70.00%	60.00%	81.82%	81.08%	80.20%	
	No	Count	1	1	0	0	3	2	6	6	19	
		% within Q26	5.26%	5.26%	0.00%	0.00%	15.79%	10.53%	31.58%	31.58%	100.00%	
		% within Business Ownership	100.00%	9.09%	0.00%	0.00%	30.00%	40.00%	18.18%	16.22%	18.81%	
	Don't Know	Count	0	0	0	0	0	0	0	0	1	1
		% within Q26	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.70%	0.99%
Total	Count	1	11	0	4	10	5	33	37	101		
	% within Q26	0.99%	10.89%	0.00%	3.96%	9.90%	4.95%	32.67%	36.63%	100.00%		
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		

**Q27- What was the total amount of credit you requested? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q27- What was the total amount of credit you requested? Would you say:	Less than \$25K	Count	0	1	0	1	1	1	6	3	13
		% within Q27	0.00%	7.69%	0.00%	7.69%	7.69%	7.69%	46.15%	23.08%	100.00%
		% within Business Ownership	0.00%	10.00%	0.00%	25.00%	14.29%	33.33%	22.22%	10.00%	16.05%
	\$25,000 to \$100,000	Count	0	1	0	1	4	0	10	8	24
		% within Q27	0.00%	4.17%	0.00%	4.17%	16.67%	0.00%	41.67%	33.33%	100.00%
		% within Business Ownership	0.00%	10.00%	0.00%	25.00%	57.14%	0.00%	37.04%	26.67%	29.63%
	\$100,000 to \$250,000	Count	0	2	0	2	1	1	4	6	16
		% within Q27	0.00%	12.50%	0.00%	12.50%	6.25%	6.25%	25.00%	37.50%	100.00%
		% within Business Ownership	0.00%	20.00%	0.00%	50.00%	14.29%	33.33%	14.81%	20.00%	19.75%
	\$250,000 to \$1 Million	Count	0	2	0	0	1	0	4	8	15
		% within Q27	0.00%	13.33%	0.00%	0.00%	6.67%	0.00%	26.67%	53.33%	100.00%
		% within Business Ownership	0.00%	20.00%	0.00%	0.00%	14.29%	0.00%	14.81%	26.67%	18.52%
	\$1 Million or more	Count	0	2	0	0	0	0	1	2	5
		% within Q27	0.00%	40.00%	0.00%	0.00%	0.00%	0.00%	20.00%	40.00%	100.00%
		% within Business Ownership	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	3.70%	6.67%	6.17%
Don't know	Count	0	2	0	0	0	1	2	3	8	
	% within Q27	0.00%	25.00%	0.00%	0.00%	0.00%	12.50%	25.00%	37.50%	100.00%	
	% within Business Ownership	0.00%	20.00%	0.00%	0.00%	0.00%	33.33%	7.41%	10.00%	9.88%	
Total	Count	0	10	0	4	7	3	27	30	81	
	% within Q27	0.00%	12.35%	0.00%	4.94%	8.64%	3.70%	33.33%	37.04%	100.00%	
	% within Business Ownership	0.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q28- Why do you think your credit application was denied? Would you say: \* Business Ownership**

**Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q28- Why do you think your credit application was denied? Would you say:	Insufficient Documentation	Count	0	0	0	0	0	0	1	0	1
		% within Q28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	5.26%
	Insufficient Business History	Count	1	0	0	0	2	1	1	2	7
		% within Q28	14.29%	0.00%	0.00%	0.00%	28.57%	14.29%	14.29%	28.57%	100.00%
		% within Business Ownership	100.00%	0.00%	0.00%	0.00%	66.67%	50.00%	16.67%	33.33%	36.84%
	Confusion about the process	Count	0	0	0	0	1	0	1	1	3
		% within Q28	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	33.33%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	16.67%	16.67%	15.79%
	Race or Ethnicity of Owner	Count	0	0	0	0	0	0	0	0	0
		% within Q28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Gender of Owner	Count	0	0	0	0	0	0	0	0	0
		% within Q28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Don't Know	Count	0	1	0	0	0	0	0	0	1
		% within Q28	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

		% within Business Ownership	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.26%
	Other	Count	0	0	0	0	0	1	3	3	7
		% within Q28	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	42.86%	42.86%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	50.00%	36.84%
Total		Count	1	1	0	0	3	2	6	6	19
		% within Q28	5.26%	5.26%	0.00%	0.00%	15.79%	10.53%	31.58%	31.58%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q30- What was the total amount of loan requested? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q30- What was the total amount of loan requested?	Less than \$25K	Count	1	1	0	0	0	0	3	3	8
		% within Q30	12.50%	12.50%	0.00%	0.00%	0.00%	0.00%	37.50%	37.50%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	42.86%	50.00%	40.00%
	\$25,000 to \$100,000	Count	0	0	0	0	2	1	1	3	7
		% within Q30	0.00%	0.00%	0.00%	0.00%	28.57%	14.29%	14.29%	42.86%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	66.67%	50.00%	14.29%	50.00%	35.00%
	\$100,000 to \$250,000	Count	0	0	0	0	1	0	0	0	1
		% within Q30	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%

	% within Business Ownership	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	5.00%
\$250,000 to \$1 Million	Count	0	0	0	0	0	1	1	0	2
	% within Q30	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	100.00%
	% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	14.29%	0.00%	10.00%
\$1 Million or more	Count	0	0	0	0	0	0	1	0	1
	% within Q30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	5.00%
Don't know	Count	0	0	0	0	0	0	1	0	1
	% within Q30	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	5.00%
Total	Count	1	1	0	0	3	2	7	6	20
	% within Q30	5.00%	5.00%	0.00%	0.00%	15.00%	10.00%	35.00%	30.00%	100.00%
	% within Business Ownership	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Harassment on the jobsite \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Harassment on the jobsite	Yes	Count	0	2	0	0	4	0	9	1	16
		% within Q31a	0.00%	12.50%	0.00%	0.00%	25.00%	0.00%	56.25%	6.25%	100.00%
		% within Business Ownership	0.00%	5.56%	0.00%	0.00%	21.05%	0.00%	6.00%	0.58%	3.84%
	No	Count	7	34	1	15	15	18	141	169	400
		% within Q31a	1.75%	8.50%	0.25%	3.75%	3.75%	4.50%	35.25%	42.25%	100.00%
		% within Business Ownership	100.00%	94.44%	100.00%	100.00%	78.95%	100.00%	94.00%	98.83%	95.92%
	Don't Know	Count	0	0	0	0	0	0	0	1	1
		% within Q31a	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31a	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unequal or unfair treatment \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unequal or unfair treatment	Yes	Count	1	2	0	1	3	0	9	7	23
		% within Q31b	4.35%	8.70%	0.00%	4.35%	13.04%	0.00%	39.13%	30.43%	100.00%
		% within Business Ownership	14.29%	5.56%	0.00%	6.67%	15.79%	0.00%	6.00%	4.09%	5.52%
	No	Count	6	34	1	14	16	18	141	163	393
		% within Q31b	1.53%	8.65%	0.25%	3.56%	4.07%	4.58%	35.88%	41.48%	100.00%
		% within Business Ownership	85.71%	94.44%	100.00%	93.33%	84.21%	100.00%	94.00%	95.32%	94.24%
	Don't Know	Count	0	0	0	0	0	0	0	1	1
		% within Q31b	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31b	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Double standards in performance \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Double standards in performance	Yes	Count	1	3	0	0	2	1	8	4	19
		% within Q31c	5.26%	15.79%	0.00%	0.00%	10.53%	5.26%	42.11%	21.05%	100.00%
		% within Business Ownership	14.29%	8.33%	0.00%	0.00%	10.53%	5.56%	5.33%	2.34%	4.56%
	No	Count	6	33	1	15	17	17	142	166	397
		% within Q31c	1.51%	8.31%	0.25%	3.78%	4.28%	4.28%	35.77%	41.81%	100.00%
		% within Business Ownership	85.71%	91.67%	100.00%	100.00%	89.47%	94.44%	94.67%	97.08%	95.20%
	Don't Know	Count	0	0	0	0	0	0	0	1	1
		% within Q31c	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31c	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector:  
Denial of opportunity to bid \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Denial of opportunity to bid	Yes	Count	0	1	0	1	3	1	4	5	15
		% within Q31d	0.00%	6.67%	0.00%	6.67%	20.00%	6.67%	26.67%	33.33%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	6.67%	15.79%	5.56%	2.67%	2.92%	3.60%
	No	Count	7	35	1	14	16	17	146	165	401
		% within Q31d	1.75%	8.73%	0.25%	3.49%	3.99%	4.24%	36.41%	41.15%	100.00%
		% within Business Ownership	100.00%	97.22%	100.00%	93.33%	84.21%	94.44%	97.33%	96.49%	96.16%
	Don't Know	Count	0	0	0	0	0	0	0	1	1
		% within Q31d	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31d	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector:  
Unfair denial of contract award \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unfair denial of contract award	Yes	Count	1	0	0	0	2	3	7	5	18
		% within Q31e	5.56%	0.00%	0.00%	0.00%	11.11%	16.67%	38.89%	27.78%	100.00%
		% within Business Ownership	14.29%	0.00%	0.00%	0.00%	10.53%	16.67%	4.67%	2.92%	4.32%
	No	Count	6	36	1	15	17	15	143	165	398
		% within Q31e	1.51%	9.05%	0.25%	3.77%	4.27%	3.77%	35.93%	41.46%	100.00%
		% within Business Ownership	85.71%	100.00%	100.00%	100.00%	89.47%	83.33%	95.33%	96.49%	95.44%
	Don't Know	Count	0	0	0	0	0	0	0	1	1
		% within Q31e	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31e	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector:  
Unfair termination \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unfair termination	Yes	Count	1	0	0	0	1	0	4	3	9
		% within Q31f	11.11%	0.00%	0.00%	0.00%	11.11%	0.00%	44.44%	33.33%	100.00%
		% within Business Ownership	14.29%	0.00%	0.00%	0.00%	5.26%	0.00%	2.67%	1.75%	2.16%
	No	Count	6	36	1	15	18	18	146	168	408
		% within Q31f	1.47%	8.82%	0.25%	3.68%	4.41%	4.41%	35.78%	41.18%	100.00%
		% within Business Ownership	85.71%	100.00%	100.00%	100.00%	94.74%	100.00%	97.33%	98.25%	97.84%
	Don't Know	Count	0	0	0	0	0	0	0	0	0
		% within Q31f	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31f	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unequal price quotes from suppliers \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Unequal price quotes from suppliers	Yes	Count	0	0	0	0	2	0	2	7	11
		% within Q31g	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	18.18%	63.64%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	10.53%	0.00%	1.33%	4.09%	2.64%
	No	Count	7	35	1	15	17	18	148	164	405
		% within Q31g	1.73%	8.64%	0.25%	3.70%	4.20%	4.44%	36.54%	40.49%	100.00%
		% within Business Ownership	100.00%	97.22%	100.00%	100.00%	89.47%	100.00%	98.67%	95.91%	97.12%
	Don't Know	Count	0	1	0	0	0	0	0	0	1
		% within Q31g	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	2.78%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31g	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector:  
Other \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q31- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working in the private sector: Other	Yes	Count	0	0	0	0	3	0	3	2	8
		% within Q31h	0.00%	0.00%	0.00%	0.00%	37.50%	0.00%	37.50%	25.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	15.79%	0.00%	2.00%	1.17%	1.92%
	No	Count	7	36	1	15	16	18	147	169	409
		% within Q31h	1.71%	8.80%	0.24%	3.67%	3.91%	4.40%	35.94%	41.32%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	84.21%	100.00%	98.00%	98.83%	98.08%
	Don't Know	Count	0	0	0	0	0	0	0	0	0
		% within Q31h	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total		Count	7	36	1	15	19	18	150	171	417
		% within Q31h	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q33- Thinking about your company's operations, does your company bid, quote or propose primarily as a prime contractor/consultant, subcontractor/supplier, or both? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q33- Thinking about your company's operations, does your company bid, quote or propose primarily as a prime contractor/consultant, subcontractor/supplier, or both?	Prime contractor	Count	3	23	1	9	8	13	100	95	252
		% within Q33	1.19%	9.13%	0.40%	3.57%	3.17%	5.16%	39.68%	37.70%	100.00%
		% within Business Ownership	42.86%	63.89%	100.00%	60.00%	42.11%	72.22%	66.67%	55.56%	60.43%
	Subcontractor	Count	2	3	0	2	5	3	30	45	90
		% within Q33	2.22%	3.33%	0.00%	2.22%	5.56%	3.33%	33.33%	50.00%	100.00%
		% within Business Ownership	28.57%	8.33%	0.00%	13.33%	26.32%	16.67%	20.00%	26.32%	21.58%
	Both	Count	2	10	0	4	6	2	20	31	75
		% within Q33	2.67%	13.33%	0.00%	5.33%	8.00%	2.67%	26.67%	41.33%	100.00%
		% within Business Ownership	28.57%	27.78%	0.00%	26.67%	31.58%	11.11%	13.33%	18.13%	17.99%
	Don't Know	Count	0	0	0	0	0	0	0	0	0
		% within Q33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	Count	7	36	1	15	19	18	150	171	417	
	% within Q33	1.68%	8.63%	0.24%	3.60%	4.56%	4.32%	35.97%	41.01%	100.00%	
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q34- In general, which of the following ranges best approximate your company's largest prime contract awarded between October 1, 2014 and September 30, 2019? Would you say it fall between: \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q34- In general, which of the following ranges best approximate your company's largest prime contract awarded between October 1, 2014 and September 30, 2019? Would you say it fall between:	None	Count	1	2	0	1	4	2	21	11	42
		% within Q34	2.38%	4.76%	0.00%	2.38%	9.52%	4.76%	50.00%	26.19%	100.00%
		% within Business Ownership	20.00%	6.06%	0.00%	7.69%	28.57%	13.33%	17.50%	8.73%	12.84%
	Up to \$50,000	Count	2	3	0	5	2	3	36	34	85
		% within Q34	2.35%	3.53%	0.00%	5.88%	2.35%	3.53%	42.35%	40.00%	100.00%
		% within Business Ownership	40.00%	9.09%	0.00%	38.46%	14.29%	20.00%	30.00%	26.98%	25.99%
	\$50,001 to \$100,000	Count	0	2	0	0	1	2	11	14	30
		% within Q34	0.00%	6.67%	0.00%	0.00%	3.33%	6.67%	36.67%	46.67%	100.00%
		% within Business Ownership	0.00%	6.06%	0.00%	0.00%	7.14%	13.33%	9.17%	11.11%	9.17%
	\$100,001 to \$200,000	Count	1	2	0	0	1	1	6	12	23
		% within Q34	4.35%	8.70%	0.00%	0.00%	4.35%	4.35%	26.09%	52.17%	100.00%
		% within Business Ownership	20.00%	6.06%	0.00%	0.00%	7.14%	6.67%	5.00%	9.52%	7.03%
	\$200,001 to \$300,000	Count	0	3	0	2	3	2	5	3	18
		% within Q34	0.00%	16.67%	0.00%	11.11%	16.67%	11.11%	27.78%	16.67%	100.00%
		% within Business Ownership	0.00%	9.09%	0.00%	15.38%	21.43%	13.33%	4.17%	2.38%	5.50%
	\$300,001 to \$400,000	Count	0	4	0	2	0	0	3	3	12
		% within Q34	0.00%	33.33%	0.00%	16.67%	0.00%	0.00%	25.00%	25.00%	100.00%
		% within Business Ownership	0.00%	12.12%	0.00%	15.38%	0.00%	0.00%	2.50%	2.38%	3.67%
	\$400,001 to \$500,000	Count	1	2	0	0	1	1	5	4	14
		% within Q34	7.14%	14.29%	0.00%	0.00%	7.14%	7.14%	35.71%	28.57%	100.00%
		% within Business Ownership	20.00%	6.06%	0.00%	0.00%	7.14%	6.67%	4.17%	3.17%	4.28%

\$500,001 to \$1 million	Count	0	5	0	1	2	1	9	11	29
	% within Q34	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	% within Business Ownership	0.00%	15.15%	0.00%	7.69%	14.29%	6.67%	7.50%	8.73%	8.87%
Over \$1 million	Count	0	8	0	2	0	3	18	23	54
	% within Q34	0.00%	14.81%	0.00%	3.70%	0.00%	5.56%	33.33%	42.59%	100.00%
	% within Business Ownership	0.00%	24.24%	0.00%	15.38%	0.00%	20.00%	15.00%	18.25%	16.51%
Don't Know	Count	0	2	1	0	0	0	6	11	20
	% within Q34	0.00%	10.00%	5.00%	0.00%	0.00%	0.00%	30.00%	55.00%	100.00%
	% within Business Ownership	0.00%	6.06%	100.00%	0.00%	0.00%	0.00%	5.00%	8.73%	6.12%
Total	Count	5	33	1	13	14	15	120	126	327
	% within Q34	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Pre-qualification requirements \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Pre-qualification requirements	Yes	Count	0	1	0	0	0	1	6	4	12
		% within Q35a	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	50.00%	33.33%	100.00%
		% within Business Ownership	0.00%	3.03%	0.00%	0.00%	0.00%	6.67%	5.00%	3.17%	3.67%
	No	Count	5	32	1	13	13	14	112	120	310
		% within Q35a	1.61%	10.32%	0.32%	4.19%	4.19%	4.52%	36.13%	38.71%	100.00%
		% within Business Ownership	100.00%	96.97%	100.00%	100.00%	92.86%	93.33%	93.33%	95.24%	94.80%



	Don't Know	Count	0	0	0	0	1	0	2	2	5
		% within Q35a	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	1.67%	1.59%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35a	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Bond requirements \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Bond requirements	Yes	Count	0	0	0	0	1	0	2	2	5
		% within Q35b	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	1.67%	1.59%	1.53%
	No	Count	4	33	1	13	13	15	116	122	317
		% within Q35b	1.26%	10.41%	0.32%	4.10%	4.10%	4.73%	36.59%	38.49%	100.00%
		% within Business Ownership	80.00%	100.00%	100.00%	100.00%	92.86%	100.00%	96.67%	96.83%	96.94%
	Don't Know	Count	1	0	0	0	0	0	2	2	5
		% within Q35b	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	40.00%	100.00%
		% within Business Ownership	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327

	% within Q35b	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
	% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Proposal/bid specifications \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Proposal/bid specifications	Yes	Count	0	0	0	1	1	1	3	5	11
		% within Q35c	0.00%	0.00%	0.00%	9.09%	9.09%	9.09%	27.27%	45.45%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	7.69%	7.14%	6.67%	2.50%	3.97%	3.36%
	No	Count	5	33	1	12	13	14	115	119	312
		% within Q35c	1.60%	10.58%	0.32%	3.85%	4.17%	4.49%	36.86%	38.14%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	92.31%	92.86%	93.33%	95.83%	94.44%	95.41%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35c	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35c	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Short or limited time given to prepare bid package or quote \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Short or limited time given to prepare bid package or quote	Yes	Count	0	0	0	0	1	1	11	6	19
		% within Q35d	0.00%	0.00%	0.00%	0.00%	5.26%	5.26%	57.89%	31.58%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	7.14%	6.67%	9.17%	4.76%	5.81%
	No	Count	5	33	1	13	13	14	107	118	304
		% within Q35d	1.64%	10.86%	0.33%	4.28%	4.28%	4.61%	35.20%	38.82%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	92.86%	93.33%	89.17%	93.65%	92.97%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35d	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35d	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Unnecessarily restrictive contract specifications \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Unnecessarily restrictive contract specifications	Yes	Count	1	1	0	0	4	1	6	7	20
		% within Q35e	5.00%	5.00%	0.00%	0.00%	20.00%	5.00%	30.00%	35.00%	100.00%
		% within Business Ownership	20.00%	3.03%	0.00%	0.00%	28.57%	6.67%	5.00%	5.56%	6.12%
	No	Count	4	32	1	13	10	14	112	117	303
		% within Q35e	1.32%	10.56%	0.33%	4.29%	3.30%	4.62%	36.96%	38.61%	100.00%
		% within Business Ownership	80.00%	96.97%	100.00%	100.00%	71.43%	93.33%	93.33%	92.86%	92.66%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35e	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35e	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Meeting DBE program requirements \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Meeting DBE program requirements	Yes	Count	0	0	0	1	1	0	5	3	10
		% within Q35f	0.00%	0.00%	0.00%	10.00%	10.00%	0.00%	50.00%	30.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	7.69%	7.14%	0.00%	4.17%	2.38%	3.06%
	No	Count	5	33	1	12	13	15	113	120	312
		% within Q35f	1.60%	10.58%	0.32%	3.85%	4.17%	4.81%	36.22%	38.46%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	92.31%	92.86%	100.00%	94.17%	95.24%	95.41%
	Don't Know	Count	0	0	0	0	0	0	2	3	5
		% within Q35f	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	2.38%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35f	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Identifying DBE firms \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Identifying DBE firms	Yes	Count	0	0	0	0	0	1	5	3	9
		% within Q35g	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	55.56%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	4.17%	2.38%	2.75%
	No	Count	5	33	1	13	13	14	113	119	311
		% within Q35g	1.61%	10.61%	0.32%	4.18%	4.18%	4.50%	36.33%	38.26%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	92.86%	93.33%	94.17%	94.44%	95.11%
	Don't Know	Count	0	0	0	0	1	0	2	4	7
		% within Q35g	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	28.57%	57.14%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	1.67%	3.17%	2.14%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35g	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Selection process/evaluation criteria \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Selection process/evaluation criteria	Yes	Count	2	0	0	0	1	1	8	5	17
		% within Q35h	11.76%	0.00%	0.00%	0.00%	5.88%	5.88%	47.06%	29.41%	100.00%
		% within Business Ownership	40.00%	0.00%	0.00%	0.00%	7.14%	6.67%	6.67%	3.97%	5.20%
	No	Count	3	33	1	13	12	14	110	119	305
		% within Q35h	0.98%	10.82%	0.33%	4.26%	3.93%	4.59%	36.07%	39.02%	100.00%
		% within Business Ownership	60.00%	100.00%	100.00%	100.00%	85.71%	93.33%	91.67%	94.44%	93.27%
	Don't Know	Count	0	0	0	0	1	0	2	2	5
		% within Q35h	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	1.67%	1.59%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35h	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Insurance requirements (general liability, professional liability, etc.) \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Insurance requirements (general liability, professional liability, etc.)	Yes	Count	1	0	0	0	1	0	11	6	19
		% within Q35i	5.26%	0.00%	0.00%	0.00%	5.26%	0.00%	57.89%	31.58%	100.00%
		% within Business Ownership	20.00%	0.00%	0.00%	0.00%	7.14%	0.00%	9.17%	4.76%	5.81%
	No	Count	4	33	1	13	13	15	107	119	305
		% within Q35i	1.31%	10.82%	0.33%	4.26%	4.26%	4.92%	35.08%	39.02%	100.00%
		% within Business Ownership	80.00%	100.00%	100.00%	100.00%	92.86%	100.00%	89.17%	94.44%	93.27%
	Don't Know	Count	0	0	0	0	0	0	2	1	3
		% within Q35i	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.79%	0.92%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35i	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Cost of bidding/proposing \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Cost of bidding/proposing	Yes	Count	0	0	0	1	1	0	8	6	16
		% within Q35j	0.00%	0.00%	0.00%	6.25%	6.25%	0.00%	50.00%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	7.69%	7.14%	0.00%	6.67%	4.76%	4.89%
	No	Count	5	33	1	12	13	15	110	118	307
		% within Q35j	1.63%	10.75%	0.33%	3.91%	4.23%	4.89%	35.83%	38.44%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	92.31%	92.86%	100.00%	91.67%	93.65%	93.88%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35j	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35j	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Price of supplies/materials \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Price of supplies/materials	Yes	Count	0	0	0	1	2	0	2	5	10
		% within Q35k	0.00%	0.00%	0.00%	10.00%	20.00%	0.00%	20.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	7.69%	14.29%	0.00%	1.67%	3.97%	3.06%
	No	Count	5	33	1	12	12	15	116	119	313
		% within Q35k	1.60%	10.54%	0.32%	3.83%	3.83%	4.79%	37.06%	38.02%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	92.31%	85.71%	100.00%	96.67%	94.44%	95.72%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35k	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35k	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Competing with large companies \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Competing with large companies	Yes	Count	3	0	0	3	5	2	14	20	47
		% within Q35I	6.38%	0.00%	0.00%	6.38%	10.64%	4.26%	29.79%	42.55%	100.00%
		% within Business Ownership	60.00%	0.00%	0.00%	23.08%	35.71%	13.33%	11.67%	15.87%	14.37%
	No	Count	2	33	1	10	9	13	104	104	276
		% within Q35I	0.72%	11.96%	0.36%	3.62%	3.26%	4.71%	37.68%	37.68%	100.00%
		% within Business Ownership	40.00%	100.00%	100.00%	76.92%	64.29%	86.67%	86.67%	82.54%	84.40%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35I	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35I	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Financing \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Financing	Yes	Count	3	0	0	1	3	1	5	5	18
		% within Q35m	16.67%	0.00%	0.00%	5.56%	16.67%	5.56%	27.78%	27.78%	100.00%
		% within Business Ownership	60.00%	0.00%	0.00%	7.69%	21.43%	6.67%	4.17%	3.97%	5.50%
	No	Count	2	33	1	12	11	14	113	118	304
		% within Q35m	0.66%	10.86%	0.33%	3.95%	3.62%	4.61%	37.17%	38.82%	100.00%
		% within Business Ownership	40.00%	100.00%	100.00%	92.31%	78.57%	93.33%	94.17%	93.65%	92.97%
	Don't Know	Count	0	0	0	0	0	0	2	3	5
		% within Q35m	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	2.38%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35m	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Lack of experience \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Lack of experience	Yes	Count	0	1	0	0	4	1	5	8	19
		% within Q35n	0.00%	5.26%	0.00%	0.00%	21.05%	5.26%	26.32%	42.11%	100.00%
		% within Business Ownership	0.00%	3.03%	0.00%	0.00%	28.57%	6.67%	4.17%	6.35%	5.81%
	No	Count	5	32	1	13	10	14	113	115	303
		% within Q35n	1.65%	10.56%	0.33%	4.29%	3.30%	4.62%	37.29%	37.95%	100.00%
		% within Business Ownership	100.00%	96.97%	100.00%	100.00%	71.43%	93.33%	94.17%	91.27%	92.66%
	Don't Know	Count	0	0	0	0	0	0	2	3	5
		% within Q35n	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	2.38%	1.53%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35n	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Informal network of prime contractors excluding my company \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Informal network of prime contractors excluding my company	Yes	Count	1	0	0	1	4	1	4	4	15
		% within Q35o	6.67%	0.00%	0.00%	6.67%	26.67%	6.67%	26.67%	26.67%	100.00%
		% within Business Ownership	20.00%	0.00%	0.00%	7.69%	28.57%	6.67%	3.33%	3.17%	4.59%
	No	Count	4	33	1	12	10	14	114	118	306
		% within Q35o	1.31%	10.78%	0.33%	3.92%	3.27%	4.58%	37.25%	38.56%	100.00%
		% within Business Ownership	80.00%	100.00%	100.00%	92.31%	71.43%	93.33%	95.00%	93.65%	93.58%
	Don't Know	Count	0	0	0	0	0	0	2	4	6
		% within Q35o	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	3.17%	1.83%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35o	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Changes in the scope of work (after work began) \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Changes in the scope of work (after work began)	Yes	Count	0	0	0	0	2	1	3	5	11
		% within Q35p	0.00%	0.00%	0.00%	0.00%	18.18%	9.09%	27.27%	45.45%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	14.29%	6.67%	2.50%	3.97%	3.36%
	No	Count	5	33	1	13	12	14	115	119	312
		% within Q35p	1.60%	10.58%	0.32%	4.17%	3.85%	4.49%	36.86%	38.14%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	85.71%	93.33%	95.83%	94.44%	95.41%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35p	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35p	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor?  
Slow payment or non-payment for project work \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q35-In your experience, have any of the following been a barrier to attempting to do work or working on Alaska DOT&PF projects as a prime contractor/vendor? Slow payment or non-payment for project work	Yes	Count	1	1	1	2	2	3	12	10	32
		% within Q35q	3.13%	3.13%	3.13%	6.25%	6.25%	9.38%	37.50%	31.25%	100.00%
		% within Business Ownership	20.00%	3.03%	100.00%	15.38%	14.29%	20.00%	10.00%	7.94%	9.79%
	No	Count	4	32	0	11	12	12	106	114	291
		% within Q35q	1.37%	11.00%	0.00%	3.78%	4.12%	4.12%	36.43%	39.18%	100.00%
		% within Business Ownership	80.00%	96.97%	0.00%	84.62%	85.71%	80.00%	88.33%	90.48%	88.99%
	Don't Know	Count	0	0	0	0	0	0	2	2	4
		% within Q35q	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.59%	1.22%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q35q	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q36- Does the Alaska Department of Transportation & Public Facilities (DOT&PF) require you to have bonding? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q36- Does the Alaska Department of Transportation & Public Facilities (DOT&PF) require you to have bonding?	Yes	Count	1	15	0	4	7	4	26	35	92
		% within Q36	1.09%	16.30%	0.00%	4.35%	7.61%	4.35%	28.26%	38.04%	100.00%
		% within Business Ownership	20.00%	45.45%	0.00%	30.77%	50.00%	26.67%	21.67%	27.78%	28.13%
	No	Count	3	17	1	9	7	9	79	75	200
		% within Q36	1.50%	8.50%	0.50%	4.50%	3.50%	4.50%	39.50%	37.50%	100.00%
		% within Business Ownership	60.00%	51.52%	100.00%	69.23%	50.00%	60.00%	65.83%	59.52%	61.16%
	Don't Know	Count	1	1	0	0	0	2	15	16	35
		% within Q36	2.86%	2.86%	0.00%	0.00%	0.00%	5.71%	42.86%	45.71%	100.00%
		% within Business Ownership	20.00%	3.03%	0.00%	0.00%	0.00%	13.33%	12.50%	12.70%	10.70%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q36	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q37- What is your current aggregate (the maximum) bonding capacity? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q37- What is your current aggregate (the maximum) bonding capacity?	Below \$100,000	Count	1	0	0	1	0	2	8	7	19
		% within Q37	5.26%	0.00%	0.00%	5.26%	0.00%	10.53%	42.11%	36.84%	100.00%
		% within Business Ownership	100.00%	0.00%	0.00%	25.00%	0.00%	50.00%	30.77%	20.00%	20.65%
	\$100,001 to \$250,000	Count	0	1	0	0	0	0	4	4	9
		% within Q37	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	44.44%	44.44%	100.00%
		% within Business Ownership	0.00%	6.67%	0.00%	0.00%	0.00%	0.00%	15.38%	11.43%	9.78%
	\$250,001 to \$500,000	Count	0	0	0	1	3	0	0	4	8
		% within Q37	0.00%	0.00%	0.00%	12.50%	37.50%	0.00%	0.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	25.00%	42.86%	0.00%	0.00%	11.43%	8.70%
	\$500,001 to \$1 million	Count	0	4	0	0	2	1	1	8	16
		% within Q37	0.00%	25.00%	0.00%	0.00%	12.50%	6.25%	6.25%	50.00%	100.00%
		% within Business Ownership	0.00%	26.67%	0.00%	0.00%	28.57%	25.00%	3.85%	22.86%	17.39%
\$1 million to \$1.5 million	Count	0	0	0	1	2	0	2	1	6	
	% within Q37	0.00%	0.00%	0.00%	16.67%	33.33%	0.00%	33.33%	16.67%	100.00%	

		% within Business Ownership	0.00%	0.00%	0.00%	25.00%	28.57%	0.00%	7.69%	2.86%	6.52%
\$1.5 million to \$3 million	Count		0	0	0	1	0	0	0	4	5
	% within Q37		0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	80.00%	100.00%
	% within Business Ownership		0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	11.43%	5.43%
\$3 million to \$5 million	Count		0	0	0	0	0	0	0	0	0
	% within Q17		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	% within Business Ownership		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Over \$5 million	Count		0	9	0	0	0	1	7	3	20
	% within Q37		0.00%	45.00%	0.00%	0.00%	0.00%	5.00%	35.00%	15.00%	100.00%
	% within Business Ownership		0.00%	60.00%	0.00%	0.00%	0.00%	25.00%	26.92%	8.57%	21.74%
Don't Know	Count		0	1	0	0	0	0	4	4	9
	% within Q37		0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	44.44%	44.44%	100.00%
	% within Business Ownership		0.00%	6.67%	0.00%	0.00%	0.00%	0.00%	15.38%	11.43%	9.78%
Total	Count		1	15	0	4	7	4	26	35	92
	% within Q37		1.09%	16.30%	0.00%	4.35%	7.61%	4.35%	28.26%	38.04%	100.00%
	% within Business Ownership		100.00%	100.00%	0.00%	0.00%	100.00%	200.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Harassment on the jobsite \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Harassment on the jobsite	Yes	Count	0	0	0	0	0	0	2	1	3
		% within Q38a	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.79%	0.92%
	No	Count	5	33	1	13	14	15	113	122	316
		% within Q38a	1.58%	10.44%	0.32%	4.11%	4.43%	4.75%	35.76%	38.61%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	94.17%	96.83%	96.64%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38a	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38a	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unequal or unfair treatment \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unequal or unfair treatment	Yes	Count	1	0	0	1	0	0	3	2	7
		% within Q38b	14.29%	0.00%	0.00%	14.29%	0.00%	0.00%	42.86%	28.57%	100.00%
		% within Business Ownership	20.00%	0.00%	0.00%	7.69%	0.00%	0.00%	2.50%	1.59%	2.14%
	No	Count	4	33	1	12	14	15	112	121	312
		% within Q38b	1.28%	10.58%	0.32%	3.85%	4.49%	4.81%	35.90%	38.78%	100.00%
		% within Business Ownership	80.00%	100.00%	100.00%	92.31%	100.00%	100.00%	93.33%	96.03%	95.41%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38b	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38b	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Double standards in performance \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Double standards in performance	Yes	Count	1	0	0	1	0	0	1	0	3
		% within Q38c	33.33%	0.00%	0.00%	33.33%	0.00%	0.00%	33.33%	0.00%	100.00%
		% within Business Ownership	20.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.83%	0.00%	0.92%
	No	Count	4	33	1	12	14	15	114	123	316
		% within Q38c	1.27%	10.44%	0.32%	3.80%	4.43%	4.75%	36.08%	38.92%	100.00%
		% within Business Ownership	80.00%	100.00%	100.00%	92.31%	100.00%	100.00%	95.00%	97.62%	96.64%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38c	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38c	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Denial of opportunity to bid \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Denial of opportunity to bid	Yes	Count	0	0	0	0	0	0	2	0	2
		% within Q38d	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	0.00%	0.61%
	No	Count	5	33	1	13	14	15	113	123	317
		% within Q38d	1.58%	10.41%	0.32%	4.10%	4.42%	4.73%	35.65%	38.80%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	94.17%	97.62%	96.94%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38d	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38d	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unfair denial of contract award \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unfair denial of contract award	Yes	Count	0	0	0	2	1	0	1	2	6
		% within Q38e	0.00%	0.00%	0.00%	33.33%	16.67%	0.00%	16.67%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	15.38%	7.14%	0.00%	0.83%	1.59%	1.83%
	No	Count	5	33	1	11	13	15	114	121	313
		% within Q38e	1.60%	10.54%	0.32%	3.51%	4.15%	4.79%	36.42%	38.66%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	84.62%	92.86%	100.00%	95.00%	96.03%	95.72%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38e	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38e	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unfair termination \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unfair termination	Yes	Count	0	0	0	1	0	0	1	0	2
		% within Q38f	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.83%	0.00%	0.61%
	No	Count	5	33	1	12	14	15	114	123	317
		% within Q38f	1.58%	10.41%	0.32%	3.79%	4.42%	4.73%	35.96%	38.80%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	92.31%	100.00%	100.00%	95.00%	97.62%	96.94%
	Don't Know	Count	0	0	0	0	0	0	5	3	8
		% within Q38f	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	62.50%	37.50%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.45%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38f	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unequal price quotes from suppliers \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q38- Have you or your company experienced any of the following discriminatory behaviors when working or bidding on Alaska DOT&PF projects: Unequal price quotes from suppliers	Yes	Count	0	0	0	0	0	0	1	1	2
		% within Q38g	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.83%	0.79%	0.61%
	No	Count	5	32	1	13	14	15	114	122	316
		% within Q38g	1.58%	10.13%	0.32%	4.11%	4.43%	4.75%	36.08%	38.61%	100.00%
		% within Business Ownership	100.00%	96.97%	100.00%	100.00%	100.00%	100.00%	95.00%	96.83%	96.64%
	Don't Know	Count	0	1	0	0	0	0	5	3	9
		% within Q38g	0.00%	11.11%	0.00%	0.00%	0.00%	0.00%	55.56%	33.33%	100.00%
		% within Business Ownership	0.00%	3.03%	0.00%	0.00%	0.00%	0.00%	4.17%	2.38%	2.75%
Total		Count	5	33	1	13	14	15	120	126	327
		% within Q38g	1.53%	10.09%	0.31%	3.98%	4.28%	4.59%	36.70%	38.53%	100.00%
		% within Business Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q39- How did you become aware of the discrimination against your company? \* Business Ownership Crosstabulation**

			Business Ownership								Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE		
Q39- How did you become aware of the discrimination against your company?	Verbal comment	Count	0	0	0	1	1	0	3	1	6	
		% within Q39	0.00%	0.00%	0.00%	16.67%	16.67%	0.00%	50.00%	16.67%	100.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	50.00%	100.00%	0.00%	75.00%	25.00%	50.00%	
	Written statement/documents	Count	0	0	0	0	0	0	0	0	0	0
		% within Q39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Action taken against the company	Count	1	0	0	0	0	0	0	0	2	3
		% within Q39	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	25.00%
	Don't Know	Count	0	0	0	0	0	0	0	1	1	2
		% within Q39	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	25.00%	16.67%
	Other action	Count	0	0	0	1	0	0	0	0	0	1
		% within Q39	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%
Total	Count	1	0	0	2	1	0	4	4	4	12	
	% within Q39	8.33%	0.00%	0.00%	16.67%	8.33%	0.00%	33.33%	33.33%	33.33%	100.00%	
	% within Business Ownership	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	

**Q41-Which of the following do you consider the primary reason for your company being discriminated against? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q41- Which of the following do you consider the primary reason for your company being discriminated against?	Owner's race or ethnicity	Count	0	0	0	1	0	0	0	0	1
		% within Q41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Owner's gender	Count	0	0	0	0	0	0	2	0	2
		% within Q41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	16.67%
	Both race and gender	Count	1	0	0	0	0	0	1	0	2
		% within Q41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	16.67%
	Don't Know	Count	0	0	0	0	0	0	0	2	2
		% within Q41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%
	Other	Count	0	0	0	1	1	0	1	2	5
		% within Q41	0.00%	0.00%	0.00%	20.00%	20.00%	0.00%	20.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	50.00%	100.00%	0.00%	25.00%	0.00%	41.67%
Total		Count	1	0	0	2	1	0	4	4	12
		% within Q41	8.33%	0.00%	0.00%	16.67%	8.33%	0.00%	33.33%	33.33%	100.00%
		% within Business Ownership	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	0.00%	100.00%

**Q43- Did you file a complaint? \* Business Ownership Crosstabulation**

			Business Ownership							Total		
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE	
Q43- Did you file a complaint?	Yes	Count	0	0	0	0	0	0	0	0	0	
		% within Q43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	No	Count	1	0	0	2	1	0	4	4	12	
		% within Q43	8.33%	0.00%	0.00%	16.67%	8.33%	0.00%	33.33%	33.33%	100.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	
	Don't Know	Count	0	0	0	0	0	0	0	0	0	
		% within Q43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total	Count	1	0	0	2	1	0	4	4	12		
	% within Q43	8.33%	0.00%	0.00%	16.67%	8.33%	0.00%	33.33%	33.33%	100.00%		
	% within Business Ownership	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%		

**Q44- Which of the following ranges best approximates your company's largest subcontract award between October 1, 2016 and September 30, 2019? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q44- Which of the following ranges best approximates your company's largest subcontract award between October 1, 2016 and September 30, 2019? Would you say:	None	Count	2	4	0	1	0	0	7	8	22
		% within Q44	9.09%	18.18%	0.00%	4.55%	0.00%	0.00%	31.82%	36.36%	100.00%
		% within Business Ownership	50.00%	30.77%	0.00%	16.67%	0.00%	0.00%	14.00%	10.53%	13.33%
	Up to \$50,000	Count	1	4	0	2	3	1	17	21	49
		% within Q44	2.04%	8.16%	0.00%	4.08%	6.12%	2.04%	34.69%	42.86%	100.00%
		% within Business Ownership	25.00%	30.77%	0.00%	33.33%	27.27%	20.00%	34.00%	27.63%	29.70%
	\$50,001 to \$100,000	Count	0	0	0	0	0	1	6	9	16
		% within Q44	0.00%	0.00%	0.00%	0.00%	0.00%	6.25%	37.50%	56.25%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	12.00%	11.84%	9.70%
	\$100,001 to \$200,000	Count	0	1	0	0	2	1	2	6	12
		% within Q44	0.00%	8.33%	0.00%	0.00%	16.67%	8.33%	16.67%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	18.18%	20.00%	4.00%	7.89%	7.27%
	\$200,001 to \$300,000	Count	0	0	0	1	3	1	3	3	11
		% within Q44	0.00%	0.00%	0.00%	9.09%	27.27%	9.09%	27.27%	27.27%	100.00%

		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	27.27%	20.00%	6.00%	3.95%	6.67%
\$300,001 to \$400,000	Count		0	0	0	1	1	0	0	6	8
	% within Q44		0.00%	0.00%	0.00%	12.50%	12.50%	0.00%	0.00%	75.00%	100.00%
	% within Business Ownership		0.00%	0.00%	0.00%	16.67%	9.09%	0.00%	0.00%	7.89%	4.85%
\$400,001 to \$500,000	Count		0	1	0	0	0	0	1	5	7
	% within Q44		0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	14.29%	71.43%	100.00%
	% within Business Ownership		0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	6.58%	4.24%
\$500,001 to \$1 million	Count		0	0	0	1	1	0	2	5	9
	% within Q44		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	% within Business Ownership		0.00%	0.00%	0.00%	16.67%	9.09%	0.00%	4.00%	6.58%	5.45%
Over \$1 million	Count		0	2	0	0	1	1	6	2	12
	% within Q44		0.00%	16.67%	0.00%	0.00%	8.33%	8.33%	50.00%	16.67%	100.00%
	% within Business Ownership		0.00%	15.38%	0.00%	0.00%	9.09%	20.00%	12.00%	2.63%	7.27%
Don't Know	Count		1	1	0	0	0	0	6	11	19
	% within Q44		5.26%	5.26%	0.00%	0.00%	0.00%	0.00%	31.58%	57.89%	100.00%
	% within Business Ownership		25.00%	7.69%	0.00%	0.00%	0.00%	0.00%	12.00%	14.47%	11.52%
<b>Total</b>	Count		4	13	0	6	11	5	50	76	165

	% within Q44	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Prequalification requirements \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Prequalification requirements	Yes	Count	0	0	0	0	1	0	2	3	6
		% within Q45a	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	33.33%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	4.00%	3.95%	3.64%
	No	Count	4	12	0	6	10	5	47	71	155
		% within Q45a	2.58%	7.74%	0.00%	3.87%	6.45%	3.23%	30.32%	45.81%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	90.91%	100.00%	94.00%	93.42%	93.94%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45a	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45a	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%



	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Bond requirements \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Bond requirements	Yes	Count	0	0	0	0	1	0	4	2	7
		% within Q45b	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	57.14%	28.57%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	8.00%	2.63%	4.24%
	No	Count	4	12	0	6	10	5	45	72	154
		% within Q45b	2.60%	7.79%	0.00%	3.90%	6.49%	3.25%	29.22%	46.75%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	90.91%	100.00%	90.00%	94.74%	93.33%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45b	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q45b	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Proposal/bid specifications \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Proposal/bid specifications	Yes	Count	0	0	0	0	2	0	2	5	9
		% within Q45c	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	22.22%	55.56%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	18.18%	0.00%	4.00%	6.58%	5.45%
	No	Count	4	12	0	6	9	5	47	69	152
		% within Q45c	2.63%	7.89%	0.00%	3.95%	5.92%	3.29%	30.92%	45.39%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	81.82%	100.00%	94.00%	90.79%	92.12%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45c	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45c	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Short or limited time given to prepare bid package or quote \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Short or limited time given to prepare bid package or quote	Yes	Count	0	0	0	0	3	0	4	6	13
		% within Q45d	0.00%	0.00%	0.00%	0.00%	23.08%	0.00%	30.77%	46.15%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	27.27%	0.00%	8.00%	7.89%	7.88%
	No	Count	4	12	0	6	8	5	45	68	148
		% within Q45d	2.70%	8.11%	0.00%	4.05%	5.41%	3.38%	30.41%	45.95%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	72.73%	100.00%	90.00%	89.47%	89.70%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45d	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45d	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Unnecessarily restrictive contract specifications \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Unnecessarily restrictive contract specifications	Yes	Count	0	0	0	0	1	1	5	7	14
		% within Q45e	0.00%	0.00%	0.00%	0.00%	7.14%	7.14%	35.71%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	20.00%	10.00%	9.21%	8.48%
	No	Count	4	12	0	6	10	4	44	67	147
		% within Q45e	2.72%	8.16%	0.00%	4.08%	6.80%	2.72%	29.93%	45.58%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	90.91%	80.00%	88.00%	88.16%	89.09%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45e	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45e	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Selection process/evaluation criteria \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Selection process/evaluation criteria	Yes	Count	0	0	0	1	2	0	1	4	8
		% within Q45f	0.00%	0.00%	0.00%	12.50%	25.00%	0.00%	12.50%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	18.18%	0.00%	2.00%	5.26%	4.85%
	No	Count	4	12	0	5	9	5	48	70	153
		% within Q45f	2.61%	7.84%	0.00%	3.27%	5.88%	3.27%	31.37%	45.75%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	83.33%	81.82%	100.00%	96.00%	92.11%	92.73%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45f	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45f	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Insurance requirements (general liability, professional liability, etc.) \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Insurance requirements (general liability, professional liability, etc.)	Yes	Count	0	0	0	0	2	1	3	7	13
		% within Q45g	0.00%	0.00%	0.00%	0.00%	15.38%	7.69%	23.08%	53.85%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	18.18%	20.00%	6.00%	9.21%	7.88%
	No	Count	4	12	0	6	9	4	46	67	148
		% within Q45g	2.70%	8.11%	0.00%	4.05%	6.08%	2.70%	31.08%	45.27%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	81.82%	80.00%	92.00%	88.16%	89.70%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45g	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45g	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Cost of bidding/proposing \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Cost of bidding/proposing	Yes	Count	0	0	0	1	1	0	3	4	9
		% within Q45h	0.00%	0.00%	0.00%	11.11%	11.11%	0.00%	33.33%	44.44%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	9.09%	0.00%	6.00%	5.26%	5.45%
	No	Count	4	12	0	5	10	5	46	70	152
		% within Q45h	2.63%	7.89%	0.00%	3.29%	6.58%	3.29%	30.26%	46.05%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	83.33%	90.91%	100.00%	92.00%	92.11%	92.12%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45h	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q45h	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Price of supplies/materials \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Price of supplies/materials	Yes	Count	0	1	0	1	2	0	1	3	8
		% within Q45i	0.00%	12.50%	0.00%	12.50%	25.00%	0.00%	12.50%	37.50%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	16.67%	18.18%	0.00%	2.00%	3.95%	4.85%
	No	Count	4	11	0	5	9	5	48	71	153
		% within Q45i	2.61%	7.19%	0.00%	3.27%	5.88%	3.27%	31.37%	46.41%	100.00%
		% within Business Ownership	100.00%	84.62%	0.00%	83.33%	81.82%	100.00%	96.00%	93.42%	92.73%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45i	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45i	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Competing with large companies \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Competing with large companies	Yes	Count	0	1	0	2	7	1	12	10	33
		% within Q45j	0.00%	3.03%	0.00%	6.06%	21.21%	3.03%	36.36%	30.30%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	33.33%	63.64%	20.00%	24.00%	13.16%	20.00%
	No	Count	4	11	0	4	4	4	37	64	128
		% within Q45j	3.13%	8.59%	0.00%	3.13%	3.13%	3.13%	28.91%	50.00%	100.00%
		% within Business Ownership	100.00%	84.62%	0.00%	66.67%	36.36%	80.00%	74.00%	84.21%	77.58%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45j	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45j	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Financing \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Financing	Yes	Count	0	0	0	1	3	0	2	4	10
		% within Q45k	0.00%	0.00%	0.00%	10.00%	30.00%	0.00%	20.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	27.27%	0.00%	4.00%	5.26%	6.06%
	No	Count	4	12	0	5	8	5	47	70	151
		% within Q45k	2.65%	7.95%	0.00%	3.31%	5.30%	3.31%	31.13%	46.36%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	83.33%	72.73%	100.00%	94.00%	92.11%	91.52%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45k	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45k	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Lack of experience \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Lack of experience	Yes	Count	0	0	0	0	0	1	6	3	10
		% within Q45I	0.00%	0.00%	0.00%	0.00%	0.00%	10.00%	60.00%	30.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	12.00%	3.95%	6.06%
	No	Count	4	12	0	6	11	4	43	71	151
		% within Q45I	2.65%	7.95%	0.00%	3.97%	7.28%	2.65%	28.48%	47.02%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	100.00%	100.00%	80.00%	86.00%	93.42%	91.52%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45I	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45I	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Contract too large \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Contract too large	Yes	Count	0	0	0	2	2	1	5	3	13
		% within Q45m	0.00%	0.00%	0.00%	15.38%	15.38%	7.69%	38.46%	23.08%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	33.33%	18.18%	20.00%	10.00%	3.95%	7.88%
	No	Count	4	12	0	4	9	4	44	71	148
		% within Q45m	2.70%	8.11%	0.00%	2.70%	6.08%	2.70%	29.73%	47.97%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	66.67%	81.82%	80.00%	88.00%	93.42%	89.70%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45m	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q45m	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Informal network of primes and subcontractors excluding my company from doing business \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Informal network of primes and subcontractors excluding my company from doing business	Yes	Count	0	0	0	2	4	1	3	5	15
		% within Q45n	0.00%	0.00%	0.00%	13.33%	26.67%	6.67%	20.00%	33.33%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	33.33%	36.36%	20.00%	6.00%	6.58%	9.09%
	No	Count	4	12	0	4	7	4	46	68	145
		% within Q45n	2.76%	8.28%	0.00%	2.76%	4.83%	2.76%	31.72%	46.90%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	66.67%	63.64%	80.00%	92.00%	89.47%	87.88%
	Don't Know	Count	0	1	0	0	0	0	1	3	5
		% within Q45n	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	20.00%	60.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	3.95%	3.03%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45n	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Changes in scope of work (after work began) \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Changes in scope of work (after work began)	Yes	Count	0	0	0	1	2	0	3	5	11
		% within Q45o	0.00%	0.00%	0.00%	9.09%	18.18%	0.00%	27.27%	45.45%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	18.18%	0.00%	6.00%	6.58%	6.67%
	No	Count	4	12	0	5	9	5	46	69	150
		% within Q45o	2.67%	8.00%	0.00%	3.33%	6.00%	3.33%	30.67%	46.00%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	83.33%	81.82%	100.00%	92.00%	90.79%	90.91%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45o	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q45o	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Slow payment or non-payment for project work \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q45- Have any of the following been a barrier when attempting to do work or while working as a subcontractor for prime contractors for the Alaska DOT&PF? Slow payment or non-payment for project work	Yes	Count	0	0	0	1	4	0	5	9	19
		% within Q45p	0.00%	0.00%	0.00%	5.26%	21.05%	0.00%	26.32%	47.37%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	36.36%	0.00%	10.00%	11.84%	11.52%
	No	Count	4	12	0	5	7	5	44	65	142
		% within Q45p	2.82%	8.45%	0.00%	3.52%	4.93%	3.52%	30.99%	45.77%	100.00%
		% within Business Ownership	100.00%	92.31%	0.00%	83.33%	63.64%	100.00%	88.00%	85.53%	86.06%
	Don't Know	Count	0	1	0	0	0	0	1	2	4
		% within Q45p	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	2.42%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q45p	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q46- Do prime contractors on Alaska DOT&PF projects require your company to have a bond for your type of work? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q46- Do prime contractors on Alaska DOT&PF projects require your company to have a bond for your type of work?	Yes	Count	1	6	0	5	8	3	14	30	67
		% within Q46	1.49%	8.96%	0.00%	7.46%	11.94%	4.48%	20.90%	44.78%	100.00%
		% within Business Ownership	25.00%	46.15%	0.00%	83.33%	72.73%	60.00%	28.00%	39.47%	40.61%
	No	Count	3	5	0	1	3	2	31	39	84
		% within Q46	3.57%	5.95%	0.00%	1.19%	3.57%	2.38%	36.90%	46.43%	100.00%
		% within Business Ownership	75.00%	38.46%	0.00%	16.67%	27.27%	40.00%	62.00%	51.32%	50.91%
	Don't Know	Count	0	2	0	0	0	0	5	7	14
		% within Q46	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	35.71%	50.00%	100.00%
		% within Business Ownership	0.00%	15.38%	0.00%	0.00%	0.00%	0.00%	10.00%	9.21%	8.48%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q46	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	



**Q47- What is your current aggregate (the maximum) bonding capacity? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q47- What is your current aggregate (the maximum) bonding capacity?	Below \$100,000	Count	0	1	0	1	0	0	5	5	12
		% within Q47	0.00%	8.33%	0.00%	8.33%	0.00%	0.00%	41.67%	41.67%	100.00%
		% within Business Ownership	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	35.71%	16.67%	17.91%
	\$100,001 to \$250,000	Count	0	2	0	0	1	0	1	2	6
		% within Q47	0.00%	33.33%	0.00%	0.00%	16.67%	0.00%	16.67%	33.33%	100.00%
		% within Business Ownership	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	7.14%	6.67%	8.96%
	\$250,001 to \$500,000	Count	0	0	0	0	2	0	0	2	4
		% within Q47	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	5.97%
	\$500,001 to \$1 million	Count	1	0	0	2	3	1	2	9	18
		% within Q47	5.56%	0.00%	0.00%	11.11%	16.67%	5.56%	11.11%	50.00%	100.00%
		% within Business Ownership	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	30.00%	26.87%
\$1 million to \$1.5 million	Count	0	0	0	0	1	0	0	2	3	
	% within Q47	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	66.67%	100.00%	

		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	4.48%
\$1.5 million to \$3 million	Count		0	0	0	1	0	0	0	4	5
	% within Q47		0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	0.00%	80.00%	100.00%
	% within Business Ownership		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.33%	7.46%
\$3 million to \$5 million	Count		0	0	0	1	0	0	0	0	1
	% within Q17		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	% within Business Ownership		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.49%
Over \$5 million	Count		0	3	0	0	0	1	1	0	5
	% within Q47		0.00%	60.00%	0.00%	0.00%	0.00%	20.00%	20.00%	0.00%	100.00%
	% within Business Ownership		0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	7.14%	0.00%	7.46%
Don't Know	Count		0	0	0	0	1	1	5	6	13
	% within Q47		0.00%	0.00%	0.00%	0.00%	7.69%	7.69%	38.46%	46.15%	100.00%
	% within Business Ownership		0.00%	0.00%	0.00%	0.00%	100.00%	200.00%	35.71%	20.00%	19.40%
Total	Count		1	6	0	5	8	3	14	30	67
	% within Q47		1.49%	8.96%	0.00%	7.46%	11.94%	4.48%	20.90%	44.78%	100.00%
	% within Business Ownership		100.00%	100.00%	0.00%	0.00%	100.00%	200.00%	100.00%	100.00%	100.00%

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Harassment on the jobsite \* Business Ownership Crosstabulation**

			Business Ownership								Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE		
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Harassment on the jobsite	Yes	Count	0	0	0	0	0	0	0	2	2	
		% within Q48a	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.63%	1.21%
	No	Count	3	13	0	6	11	5	48	74	160	
		% within Q48a	1.88%	8.13%	0.00%	3.75%	6.88%	3.13%	30.00%	46.25%	100.00%	
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	100.00%	100.00%	96.00%	97.37%	96.97%	
	Don't Know	Count	1	0	0	0	0	0	2	0	3	
		% within Q48a	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%	
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%	
Total		Count	4	13	0	6	11	5	50	76	165	
		% within Q48a	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unequal or unfair treatment \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unequal or unfair treatment	Yes	Count	0	0	0	0	1	0	1	2	4
		% within Q48b	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	25.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	2.00%	2.63%	2.42%
	No	Count	3	13	0	6	10	5	47	74	158
		% within Q48b	1.90%	8.23%	0.00%	3.80%	6.33%	3.16%	29.75%	46.84%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	90.91%	100.00%	94.00%	97.37%	95.76%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48b	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48b	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Double standards in performance \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Double standards in performance	Yes	Count	0	0	0	0	1	0	3	1	5
		% within Q48c	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	60.00%	20.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	6.00%	1.32%	3.03%
	No	Count	3	13	0	6	10	5	45	75	157
		% within Q48c	1.91%	8.28%	0.00%	3.82%	6.37%	3.18%	28.66%	47.77%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	90.91%	100.00%	90.00%	98.68%	95.15%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48c	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48c	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Denial of opportunity to bid \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Denial of opportunity to bid	Yes	Count	0	0	0	0	0	0	1	2	3
		% within Q48d	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	2.63%	1.82%
	No	Count	3	13	0	6	11	5	47	74	159
		% within Q48d	1.89%	8.18%	0.00%	3.77%	6.92%	3.14%	29.56%	46.54%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	100.00%	100.00%	94.00%	97.37%	96.36%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48d	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48d	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unfair denial of contract award \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unfair denial of contract award	Yes	Count	0	0	0	0	1	0	1	3	5
		% within Q48e	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	20.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	2.00%	3.95%	3.03%
	No	Count	3	13	0	6	10	5	47	73	157
		% within Q48e	1.91%	8.28%	0.00%	3.82%	6.37%	3.18%	29.94%	46.50%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	90.91%	100.00%	94.00%	96.05%	95.15%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48e	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48e	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unfair termination \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unfair termination	Yes	Count	0	0	0	0	0	0	1	0	1
		% within Q48f	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.61%
	No	Count	3	13	0	6	11	5	47	76	161
		% within Q48f	1.86%	8.07%	0.00%	3.73%	6.83%	3.11%	29.19%	47.20%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	100.00%	100.00%	94.00%	100.00%	97.58%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48f	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48f	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



**Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unequal price quotes from suppliers \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q48- Have you or your company experienced any of the following discriminatory behaviors when attempting to do work or when working on Alaska DOT&PF projects: Unequal price quotes from suppliers	Yes	Count	0	0	0	0	1	0	2	1	4
		% within Q48g	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	50.00%	25.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	0.00%	4.00%	1.32%	2.42%
	No	Count	3	13	0	6	10	5	46	75	158
		% within Q48g	1.90%	8.23%	0.00%	3.80%	6.33%	3.16%	29.11%	47.47%	100.00%
		% within Business Ownership	75.00%	100.00%	0.00%	100.00%	90.91%	100.00%	92.00%	98.68%	95.76%
	Don't Know	Count	1	0	0	0	0	0	2	0	3
		% within Q48g	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	100.00%
		% within Business Ownership	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.00%	0.00%	1.82%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q48g	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

**Q49- How did you become aware of the discrimination against your company? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q49- How did you become aware of the discrimination against your company? Would you say:	Verbal comment	Count	0	0	0	0	0	0	3	3	6
		% within Q49	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.00%	75.00%	60.00%
	Written statement/documents	Count	0	0	0	0	0	0	1	0	1
		% within Q49	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	10.00%
	Action taken against the company	Count	0	0	0	0	1	0	0	1	2
		% within Q49	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	25.00%	20.00%
	Don't Know	Count	0	0	0	0	0	0	0	0	0
		% within Q49	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Other	Count	0	0	0	0	1	0	0	-	1
		% within Q49	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	10.00%
Total	Count	0	0	0	0	2	0	4	4	10	
	% within Q49	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%	
	% within Business Ownership	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%	100.00%	100.00%	

**Q51- Which of the following do you consider the primary reason for your company being discriminated against? Would you say: \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q51- Which of the following do you consider the primary reason for your company being discriminated against? Would you say:	Owner's race or ethnicity	Count	0	0	0	0	1	0	2	1	4
		% within Q51	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	50.00%	25.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	25.00%	40.00%
	Owner's gender	Count	0	0	0	0	0	0	1	0	1
		% within Q51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	10.00%
	Both race and gender	Count	0	0	0	0	0	0	1	0	1
		% within Q51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	10.00%
	Don't Know	Count	0	0	0	0	0	0	0	2	2
		% within Q51	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	20.00%
	Other	Count	0	0	0	0	1	0	0	1	2
		% within Q51	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	25.00%	20.00%
Total		Count	0	0	0	0	2	0	4	4	10
		% within Q51	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%	100.00%	100.00%

**Q53- Did you file a complaint? \* Business Ownership Crosstabulation**

			Business Ownership							Total		
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE	
Q53- Did you file a complaint?	Yes	Count	0	0	0	0	0	0	0	0	0	
		% within Q53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	No	Count	0	0	0	0	2	0	4	4	10	
		% within Q53	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%	
	Don't Know	Count	0	0	0	0	0	0	0	0	0	
		% within Q53	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total		Count	0	0	0	0	2	0	4	4	10	
		% within Q53	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	40.00%	40.00%	100.00%	
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%	0.00%	100.00%	

**Q54- Have you experienced or observed a situation in which a prime contractor/vendor includes minority or woman subcontractors on a bid or proposal and then drops or replaces the company as a subcontractor after winning the award for no legitimate reason for a: Alaska DOT&PF project? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q54- Have you experienced or observed a situation in which a prime contractor/vendor includes minority or woman subcontractors on a bid or proposal and then drops or replaces the company as a subcontractor after winning the award for no legitimate reason for a: Alaska DOT&PF project?	Yes	Count	0	0	0	1	0	0	1	3	5
		% within Q54a	0.00%	0.00%	0.00%	20.00%	0.00%	0.00%	20.00%	60.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	2.00%	3.95%	3.03%
	No	Count	3	11	0	5	11	5	47	71	153
		% within Q54a	1.96%	7.19%	0.00%	3.27%	7.19%	3.27%	30.72%	46.41%	100.00%
		% within Business Ownership	75.00%	84.62%	0.00%	83.33%	100.00%	100.00%	94.00%	93.42%	92.73%
	Don't Know	Count	1	2	0	0	0	0	2	2	7
		% within Q54a	14.29%	28.57%	0.00%	0.00%	0.00%	0.00%	28.57%	28.57%	100.00%
		% within Business Ownership	25.00%	15.38%	0.00%	0.00%	0.00%	0.00%	4.00%	2.63%	4.24%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q54a	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q54- Have you experienced or observed a situation in which a prime contractor/vendor includes minority or woman subcontractors on a bid or proposal and then drops or replaces the company as a subcontractor after winning the award for no legitimate reason for a: Non-DOT&PF project? \* Business Ownership Crosstabulation**

			Business Ownership							Total	
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female		Non-M/WBE
Q54- Have you experienced or observed a situation in which a prime contractor/vendor includes minority or woman subcontractors on a bid or proposal and then drops or replaces the company as a subcontractor after winning the award for no legitimate reason for a: Non-DOT&PF project?	Yes	Count	0	0	0	0	3	1	0	3	7
		% within Q54b	0.00%	0.00%	0.00%	0.00%	42.86%	14.29%	0.00%	42.86%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	27.27%	20.00%	0.00%	3.95%	4.24%
	No	Count	3	11	0	6	8	4	48	70	150
		% within Q54b	2.00%	7.33%	0.00%	4.00%	5.33%	2.67%	32.00%	46.67%	100.00%
		% within Business Ownership	75.00%	84.62%	0.00%	100.00%	72.73%	80.00%	96.00%	92.11%	90.91%
	Don't Know	Count	1	2	0	0	0	0	2	3	8
		% within Q54b	12.50%	25.00%	0.00%	0.00%	0.00%	0.00%	25.00%	37.50%	100.00%
		% within Business Ownership	25.00%	15.38%	0.00%	0.00%	0.00%	0.00%	4.00%	3.95%	4.85%
Total	Count	4	13	0	6	11	5	50	76	165	
	% within Q54b	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%	
	% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

**Q55- How often do prime contractors who use your company on public sector projects with M/WDBE(Miniority, Women,Women,& Disadvantaged Busines Enterprise) goals solicit your company on projects (private or public) without MWDBE goals? \* Business Ownership Crosstabulation**

			Business Ownership								Total
			African American	Alaska Native Corporation	Alaska Tribal Corporation	Asian American	Hispanic American	Native American	Nonminority Female	Non-M/WBE	
Q55- How often do prime contractors who use your company on public sector projects with M/WDBE(Miniority, Women,Women,& Disadvantaged Busines Enterprise) goals solicit your company on projects (private or public) without MWDBE goals?	Very Often	Count	0	0	0	1	3	1	5	2	12
		% within Q55	0.00%	0.00%	0.00%	8.33%	25.00%	8.33%	41.67%	16.67%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	16.67%	27.27%	20.00%	10.00%	2.63%	7.27%
	Sometimes	Count	0	0	0	0	1	2	3	4	10
		% within Q55	0.00%	0.00%	0.00%	0.00%	10.00%	20.00%	30.00%	40.00%	100.00%
		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	9.09%	40.00%	6.00%	5.26%	6.06%
	Seldom	Count	0	3	0	0	1	1	6	12	23
		% within Q55	0.00%	13.04%	0.00%	0.00%	4.35%	4.35%	26.09%	52.17%	100.00%
		% within Business Ownership	0.00%	23.08%	0.00%	0.00%	9.09%	20.00%	12.00%	15.79%	13.94%
	Never	Count	2	6	0	4	5	1	24	37	79
		% within Q55	2.53%	7.59%	0.00%	5.06%	6.33%	1.27%	30.38%	46.84%	100.00%
		% within Business Ownership	50.00%	46.15%	0.00%	66.67%	45.45%	20.00%	48.00%	48.68%	47.88%
	Not Applicable	Count	0	0	0	0	0	0	0	0	0
		% within Q55	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

		% within Business Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Don't Know	Count	2	4	0	1	1	0	12	21	41
		% within Q55	4.88%	9.76%	0.00%	2.44%	2.44%	0.00%	29.27%	51.22%	100.00%
		% within Business Ownership	50.00%	30.77%	0.00%	16.67%	9.09%	0.00%	24.00%	27.63%	24.85%
Total		Count	4	13	0	6	11	5	50	76	165
		% within Q55	2.42%	7.88%	0.00%	3.64%	6.67%	3.03%	30.30%	46.06%	100.00%
		% within Business Ownership	100.00%	100.00%	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



APPENDIX D. SURVEY OF VENDORS  
REGRESSION

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



## D.1 INTRODUCTION

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Whereas **Chapter 4** and **5** reported findings of disparity and non-disparity related to the utilization of vendors in the DOT&PF's procurement activities according to selected race, ethnicity, and gender categories, this section reports findings from a telephone survey of a sample of 325<sup>1</sup> firms representative of the DOT&PF vendors examined in the study to assess race, ethnicity, and gender effects on vendor revenue during the 2019 tax year. To determine these effects, MGT Consulting Group, LLC. (MGT) applied a multivariate regression model to survey findings.

There are two key questions for consideration in this analysis:

1. Do minority- and woman-owned firms tend to earn significantly less revenue than firms owned by nonminority males?
2. If "yes," are their lower revenues due to race or gender classification or to other factors?

Case law and social science research provide some guidance for addressing these questions. From research literature, we know that in addition to race and gender, factors such as firm capacity, and education bear a relation to a firm's gross revenues. When multiple factors come into play, sometimes a multivariate statistical analysis can improve our understanding of more complex relationships among factors affecting company earnings. In this study, we employ linear regression to analyze variables, including race and gender that can affect a firm's success.

## D.2 OVERVIEW OF MULTIVARIATE REGRESSION AND DESCRIPTION OF ANALYTICAL MODEL

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Multivariate regression was employed to examine the influence of selected company and business characteristics, especially owner race and gender, on 2019 gross revenues reported by 393 firms participating in a telephone survey administered during June 2020 through September 2020. For this analysis, gross revenue was the dependent variable, or the variable to be explained by the presence, absence, or strength of "selected characteristics" variables, known as "independent" or "explanatory" variables.

Since disparity analysis is an established domain of research, the selection of the independent company characteristics variables for this study was based on an extensive review of disparity study research literature. Most economic studies of discrimination are based on the seminal work of Nobel Prize recipient Gary Becker, "The Economics of Discrimination."<sup>2</sup> Becker was the first to define discrimination in financial and economic terms. Since Becker, labor economists and statistical researchers including Blinder and Oaxaca, Corcoran and Duncan, Gwaltney and Long, Reimers, Saunders, Darity and Myers, Hanuschek, Hirsch, Topel and Blau, and others have adopted a standard in disparity study research of using company

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<sup>1</sup> In order to provide an accurate and complete regression analysis some responses had to be removed. For example, if a person surveyed did not answer the revenue or race question, this response was removed. This number reflects those changes.

<sup>2</sup> Becker, Gary. 1971, second edition. "The Economics of Discrimination." The University of Chicago Press, Chicago, p. 167.

earnings, or revenue, as the dependent variable in race and gender discrimination analysis.<sup>3</sup> Comparable worth studies have also proposed regression models using gross revenue as the dependent variable for policy analysis,<sup>4</sup> and the U.S. Department of Commerce employs regression analysis (included in 48 CFR 19) to establish price evaluation adjustments for small disadvantaged businesses in federal procurement programs.<sup>5</sup>

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## D.3 REGRESSION MODEL VARIABLES

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Timothy Bates<sup>6</sup> used at least five general determinants, including firm capacity, managerial ability, and demographic characteristics such as race and gender, to explain statistical variations in firm gross revenues. These are elaborated below in terms of the dependent/independent variable relationship regression seeks to resolve.

### D.3.1 DEPENDENT VARIABLE

For this analysis, the dependent variable (the variable to be explained by the independent variables in the model) was defined operationally as “firm 2019 gross revenues.” Ideally, this variable is measured as the exact dollar figure for gross revenues. However, years of experience in conducting information and opinion surveys with companies have shown us that firms tend to be reluctant to release precise dollar figures but more responsive when inquiries about earnings are presented as a dollar range. Accordingly, to encourage greater participation in this study’s telephone survey, nine company gross revenue categories were defined, ranging from Category 0, “Up to \$50,000” to Category 6, “More than \$10 million.”

### D.3.2 INDEPENDENT VARIABLES

The independent (i.e., explanatory) variables were those characteristics hypothesized as contributing to the variation in the dependent variable (2019 gross revenues). For this study, independent variables included:

1. **Number of full-time employees** – The more employees a company has, the greater product volume it is likely to have to generate higher revenues.
2. **Owner’s level of education** – The research literature consistently reports a positive relationship between education and level of income.

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<sup>3</sup> “Race and Gender Discrimination Across Urban Labor Markets,” 1996. Ed. Susan Schmitz. Garland Publishers, New York, New York, p. 184.

<sup>4</sup> Gunderson, Morley. 1994. “Male-Female Wage Differentials and Policy Responses.” In “Equal Employment Opportunity: Labor Market Discrimination and Public Policy,” pp. 207-227.

<sup>5</sup> “Federal Acquisition Regulations for Small Disadvantaged Businesses; Notice and Rules.” June 30, 1998. Memorandum for Office of Federal Procurement Policy, Economic and Statistics Administration, Department of Commerce.

<sup>6</sup> Bates, Timothy. “The Declining Status of Minorities in the New York City Construction Industry.” Reprinted from *Economic Development Quarterly*, Vol. 12, No. 1, February 1998, pp. 88-100.

3. **Age of company** – It is argued that a company’s longevity is an indicator of both success and the owner’s managerial ability.
4. **Race/ethnic group/gender of firm owners** – The proposition to be tested was whether there was a statistically significant relationship between race, ethnicity, and gender classification of minority firm owners and firm revenue. In the analysis, the category “Non-M/WBE” served as a reference group against which all other race and gender groups were compared.

Finally, since companies tend to be organized around a business concentration (e.g., Construction or Construction-Related Professional Services), type of business was introduced as a moderator variable to determine if the model, given adequate sample size, behaved differently as a predictor of gross revenue when respondents’ line of business was considered.

Participants’ responses to the survey provided the data to examine the relative importance of these factors. The operational relationship between these constructs (i.e., firm capacity, capability, race, and gender) and measures derived from survey items is presented in **Table D-1**.

TABLE D-1. MODEL CONSTRUCTIONS, VARIABLES, AND MEASURES

MODEL CONSTRUCTS	VARIABLES	MEASURES
CAPACITY	Number of Employees	Number of Full-time and Part-time Employees Reported
OWNER'S MANAGERIAL ABILITY	Owner's Education	Level of Education (from “some high school” to “postgraduate degree”)
	Company Age	2019 Minus Reported “Year of Establishment”
	Business Owner Groups	Construction or Professional Services
DEMOGRAPHICS	Business Owner Groups Gender of Company Owner	African American, Alaska Native Corporation, Hispanic American, Asian American, Native American, Nonminority Woman, and Non-M/WBE Firms

Source: Alaska DOT&PF survey of vendors results.

### D.3.3 EXPLORING VARIABLE RELATIONSHIPS: HOW REGRESSION ANALYSIS WORKS

Multiple regression analysis permits simultaneous examination not only of the effects on the dependent variable of **all** independent variables in the multivariate model, but also the effect of each unique variable (i.e., controlling for the effects of the other independent variables in the equation). The effect of each predictor (independent) variable on the dependent variable is expressed as the magnitude of the change in the dependent variable (Y) for each unit change in the independent variable (X) plus an “error term.” Since the independent variable is never a perfect predictor of the dependent variable—that is, X is expressed as an imperfect predictor of Y such that one unit change in X **never** leads to one unit change in Y—the “error term,”  $\epsilon$ , is postulated to acknowledge the residual change in the value of Y that X cannot explain.

The goal in sound regression modeling, therefore, is to minimize residual values associated with the independent variables and to maximize their explanatory power. In other words, a good model that seeks to explain what causes revenue earnings, in this case, will hypothesize a combination of independent variables based on solid research findings having sufficient explanatory power to account for case-by-case differences in company revenue, while minimizing that portion of variation in revenue values that the independent variable cannot explain (i.e., minimizing the difference between Y values predicted by the X's in the model and *actual* Y values).

## D.4 ASSESSING VARIABLES IN THE MODEL

As suggested earlier, in a model with multiple independent, or predictor, variables, the effect of each individual independent variable is expressed as the expected change in the dependent variable (y) for each unit change in the independent variable (x), holding constant (or controlling for) the values of all the other independent variables (i.e., the effect on Y of the other X's in the equation). When X and Y values are plotted on a graph, linear regression attempts to find a straight line of best fit (also known as the least-squares line) that minimizes the differences between actual Y and predicted Y values as a function of X. The slope of this line represents the statistical relationship between the predicted values of Y based on X. The point at which this regression line crosses the Y axis (otherwise known as the constant) represents the predicted value of Y when X = 0. If the effect of X on Y is determined to be statistically significant (e.g., a significance level of  $p < 0.05$  asserts that the calculated relationship between X and Y could occur due to chance only 5 times in 100), it can be asserted that X may indeed play a role in determining the value of Y (in the case of this study, company revenues). For example, if the slope coefficient of the variable representing one of the specific racial groups is determined to be statistically significant, then, all other things being equal, the hypothesis that race of the owner of a firm affects the annual revenue of the firm has only a 5 percent chance of being false. In disparity research, theory asserts that the negative effect of race on revenue earnings associated with being a minority-owned business is likely a product of discrimination.

### D.4.1 MULTIVARIATE REGRESSION MODEL

Mathematically, the multivariate linear regression model is expressed as:

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \beta_4 X_4 + \beta_5 X_5 + \dots + \varepsilon$$

Where: Y = annual firm gross revenues

$\beta_0$  = the constant, representing the value of Y when  $X_i = 0$

$\beta_1$  = coefficient representing the magnitude of  $X_1$ 's effect on Y

$X_i$  = the independent variables, such as capacity, managerial ability, race, and gender

$\varepsilon$  = the error term, representing the variance in Y unexplained by  $X_i$

This equation describes the hypothesized relationship between the dependent variable and the independent variables and was used to test the hypothesis that there is no difference in 2019 revenue

earnings for M/WBE firms when compared with non-M/WBE firms. Traditionally, the hypothesis of no difference (known as the null hypothesis) is represented as:  $H_0 : Y_1 = Y_2$ .

We can reject the null hypothesis if the analysis indicates that race and gender have been found to affect firm revenue (i.e.,  $H_1 : Y_1 \neq Y_2$ , the alternate hypothesis). Results are statistically significant if it is determined that the probability of achieving this difference due to chance was less than 5 in 100 (i.e.,  $p < 0.05$ ).

## D.5 MULTIVARIATE REGRESSION MODEL RESULTS

The regression model tested the effects of selected demographic and business characteristic variables on revenue earnings elicited from firms participating in the study. According to the following categories presented in **Table D-2**.<sup>7</sup>

TABLE D-2. SURVEY OF VENDORS DATA,  
GROSS REVENUE CATEGORIES

GROSS REVENUE CATEGORIES			
0	Up to \$50,000	4	\$1,000,001 to \$5 million
1	\$100,001 to \$500,000	5	\$5,000,001 to \$10 million
3	\$500,001 to \$1 million	6	Greater than \$10 million

Source: Alaska DOT&PF survey of vendors results.

The tests for multicollinearity among independent variables and variance inflation due to outlier observations revealed no substantive problems with the data.<sup>8</sup> An initial analysis also determined that one independent variable, percentage of business in the private sector, made no substantive contribution to the model, and was, therefore, removed. These adjustments yielded values for the variables listed in **Table D-3**.

<sup>7</sup> Despite the ordinal nature of the dependent variable, findings are reported based on a linear regression analysis; specifically, Ordinary Least Squares (OLS). Menard (1995) notes this as an acceptable and common practice, “particularly when the dependent variable has five or more [ordered] categories. Since this [OLS] is probably the easiest approach for readers to understand, sometimes other approaches are tried, just to confirm that the use of OLS does not...distort the findings.” In this case, the nine categories of revenue were also analyzed using ordered Logit (SPSS 11.5), with nearly identical findings to those achieved with OLS with respect to magnitude of effect of the independent variables and both sign and significance. For further discussion, see Menard, S., “Applied logistic regression analysis,” (*Sage university papers series. Quantitative applications in the social sciences; no. 07-106*), Thousand Oaks, California: Sage Publications, 1995.

<sup>8</sup> Multicollinearity refers to excessive intercorrelation among the independent variables in a multiple regression model, which obscures the effect of each on the dependent variable to the extent that they behave as one variable and may measure two highly correlated components of the same theoretical factor. Outliers are observations in a data set that are substantially different from the bulk of the data, perhaps because of a data entry error or some other cause that would reasonably explain a data anomaly.

TABLE D-3. SURVEY OF VENDORS DATA,  
RESULTS OF REGRESSION ANALYSIS

	CAPACITY		
	Unstandardized Coefficients		Standardized Coefficients
	<b>B</b>	<b>Std. Error</b>	<b>Beta</b>
(Constant)	0.781	0.216	
African Americans (n=8)	0.059	0.373	0.006
Alaska Native Corporations (n=46)	-0.236	0.183	-0.054
<b>Hispanic Americans (n=17)</b>	<b>-0.568</b>	0.249	<b>-0.090</b>
Asian Americans (n=20)	-0.324	0.269	-0.048
Native Americans (n=22)	-0.096	0.238	-0.016
Nonminority Females (n=127)	-0.259	0.140	-0.084
<b>Company Age</b>	0.121	0.038	0.128
<b>Number of Employees</b>	0.761	0.043	0.710
High School	-1.173	1.004	-0.258
Some College	0.219	0.150	0.063
College Degree	0.132	0.142	0.040
Professional Services	1.126	1.014	0.245

Source: Alaska DOT&PF survey of vendors results.

**Bold** type indicates statistically significant results ( $p \leq 0.05$ ).

### D.5.1 RESULTS

1. The model testing the effects of the variables listed in **Table D-3** on revenue reported by companies participating in the telephone survey explained 63.4 percent of the variance of the revenue variable ( $R^2_j = 0.582$ ,  $F = 36,215$ ,  $df = 12,324$ ,  $p \leq 0.000$ ).
2. When controlling for the effects of variables related to company demographics (i.e. company capacity, and ownership level of education), M/WBE status had a significant impact on 2019 company earnings for Hispanic Americans.
3. Among the company characteristics variables, other than M/WBE status, revenue for all groups increased as a function of company age, number of employees, and owner's college education.

### D.5.2 DERIVING PREDICTED REVENUE FOR RACE/GENDER/ETHNICITY CATEGORIES

Values from **Table M-3** were inserted into the regression model in order to derive predicted revenue categories for each race, ethnicity, and gender classification. The following equation illustrates how predicted revenue would be calculated for an African American in the construction industry business category.<sup>9</sup>

<sup>9</sup> To derive coefficients for the race, ethnicity, and gender classifications, the "Non-M/WBE" category was used as the reference variable, coded as value "0."

Gross Revenues = 0.781 + 0.059 African American + 0.121 Company Age + 0.761 Number of Employees – 1.173 High School + 0.219 Some College + 0.132 College Degree.

For instance, using **Table D-4** below to interpret the effect of race, ethnicity, and gender classification on predicted gross revenue for an African American in the construction industry, holding all other variables constant, we would add the value of the constant (0.781) to the coefficient value for an African American (0.059) to obtain a predicted revenue value of 0.840 (rounded to 1, representing the category “\$100,001 to \$500,000”). Similarly, to derive the effect of race, ethnicity, and gender classification on predicted gross revenue for an African American in the professional services category, holding all other variables constant, we would simply note the value of the constant and add it to the African American coefficient and the procurement coefficient (0.105, rounded to 0, representing the category “up to \$50,000”).

**TABLE D-4. SURVEY OF VENDORS DATA,  
GROSS REVENUE CATEGORIES FROM SURVEY OF VENDORS**

BUSINESS OWNERSHIP CLASSIFICATION	OVERALL	CONSTRUCTION	PROFESSIONAL SERVICES
Nonminority Males (n=85)	1	1	0
African Americans (n=8)	1	1	0
Alaska Native Corporations (n=46)	1	1	0
Hispanic Americans (n=17)	0	0	0
Asian Americans (n=20)	0	0	0
Native Americans (n=22)	1	1	0
Nonminority Females (n=127)	1	1	0

GROSS REVENUE CATEGORIES			
0	Up to \$50,000	4	\$1,000,001 to \$5 million
1	\$100,001 to \$500,000	5	\$5,000,001 to \$10 million
3	\$500,001 to \$1 million	6	Greater than \$10 million

Source: Alaska DOT&PF survey of vendors results.

## D.6 SUMMARY OF SURVEY FINDINGS

Regarding the positive significant effects of the non-race, ethnicity, and gender classification variables—number of employees—it would be expected that a firm’s revenue might be positively related to its size and age, supporting the logical conclusion that larger, more established firms tend to do more business. However, even when these impacts were considered, all M/WBE owned firms responding to the telephone survey earned less revenue in 2019 than did their non-M/WBE counterparts, supporting the conclusion that M/WBE status is negatively related to earnings when compared with earnings for non-M/WBEs.



APPENDIX E. COMMUNITY  
ENGAGEMENT NOTICE

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



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## E.I COMMUNITY ENGAGEMENT NOTICE

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***Subject: Come learn about the Disparity Study and how it impacts you!***

The Alaska DOT&PF has retained MGT Consulting Group to conduct a Disparity Study. The purpose of the Study is to measure the success of its Disadvantaged Business Enterprise program (DBE). The ultimate goal is to provide fair opportunities for all firms interested in doing business with the DOT&PF.

More information about the study is available at [www.alaskadotpfdisparitystudy.com](http://www.alaskadotpfdisparitystudy.com).

Additionally, MGT has partnered with Telephone Town Hall Meeting (TTHM) and Donaldson Enterprises to assist with collecting and analyzing anecdotal information during the course of the study.

MGT will host 3 community meetings during the DOT&PF's Disparity Study and **we need your assistance and input!**

**Our first community meeting will be a call-in virtual meeting on May 29<sup>th</sup>. Due to the current COVID recommendations, social distancing will be adhered to by using a virtual meeting. Please stay tuned for additional information as we will be providing details about the meeting through email, the Study website, and social/traditional media.**

The other two meetings will be scheduled at a later date; and the decision whether they will be in-person or virtual has not been made yet.

Your participation is critical and will be highly beneficial; as input from all businesses may be used to shape procurement programs for area businesses, potentially increasing business opportunities.

Thank you,

DOT&PF

APPENDIX F. IN-DEPTH INTERVIEW  
GUIDE

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



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## F.1 IN-DEPTH INTERVIEW GUIDE

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READ: Hello. My name is \_\_\_\_\_ with MGT Consulting. The Alaska Department of Transportation and Public Facilities (DOT&PF) has contracted with us to conduct a disparity study to look at the DOT&PF's contracting practices and its DBE Program.

This is one of the most important parts of the study - collecting information from firms in Alaska about working in the private and public markets in Alaska, and about firms experience with the DOT&PF and its DBE Program. The results of the study will provide guidance regarding any potential changes to the DOT&PF's contracting practices and/or the DBE Program.

Your company was randomly selected to participate in an in-depth interview. The interview will last approximately 45 minutes.

Is this \_\_\_\_\_ (Company's name)? IF COMPANY NAME VERIFIED, CONTINUE.

Are you the owner or an authorized decision maker in your company? [IF NO] May I speak with that person? [IF NO, SCHEDULE CALL-BACK]?

IF TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC): READ INTRO AGAIN then ask Are you able to answer questions concerning business practices of this company? IF YES, CONTINUE.

Thank you for agreeing to participate. Your input is very important to outcome of the disparity study. Your responses to this interview will be aggregated for the overall analysis and used only for this research study. Individual information or identifying characteristics about your company will not be published.

If you have any questions regarding the survey, I will be happy to provide you contact information at the end of the survey.

By participating in this interview, you acknowledge that:

- The opinions and perceptions you will provide are given freely and represent an accurate reflection of your experience doing business or attempting to do business with the DOT&PF.
- You have not been coerced or received any remuneration for your comments.
- You understand that neither your name nor your firm's name will be published in the report.
- Your participation in this interview has no direct benefits to your firm or to MGT.

In this interview, I will start by asking you general questions about your company. Then we will move on to questions related to access to credit. After these general business questions, we will solicit information from you regarding work as a prime and/or subcontractor and your experiences with the DOT&PF.

This is a great opportunity for you to provide feedback regarding your experience doing business with or attempting to do business with the DOT&PF.

Thank you for your participation!

Date of Interview:

Interviewed by

Q1. What is your title?

\_\_\_\_\_

Q2. Please provide your name just in case we have any further questions.

—

Q3. Is at least 51 percent of your company owned, managed, and controlled by a woman or women?

Yes

No

Don't know

Q4. Is at least 51 percent of your company owned, managed, and controlled by a person or people of one of the following racial or ethnic group(s)?

African American

Asian American or Pacific Islander

Caucasian/White

Hispanic American or Latino

Native American/American Indian

Don't know

Other - (Please specify the race or ethnicity of the owner(s)/manager(s): \_\_\_\_\_

Q5. Is your company an Alaska Native Corporation?

Yes

No

Don't Know

Q6. Is your company a Tribal Corporation?

Yes

No

Don't Know

Q7. What is the highest level of education completed by the primary owner of your company?

Some high school

High school graduate

Trade or technical education

Associate Degree (AA, AS, etc.)

Bachelor's Degree (BA, BS, etc.)

Graduate or Professional Degree (MA, PhD, JD, etc)

Don't know

Q8. What is your company's primary line of business?

- Construction (for example: highway, general construction, excavating, mechanical, carpentry, site work, electrical, etc.)
  - Architectural and Engineering Services (for example: Architecture, civil engineering, environmental engineering, etc.)
  - Professional Services (for example: accounting, legal services, construction management, IT consulting, consultant, etc.)
  - General Services (for example: maintenance services, janitorial, security, auto repair, etc.)
  - Goods (for example: furniture, computers, books, etc.)
  - Concessions
  - Other: Please explain your company's primary line of business.
- 

Q9. What is the age of the company?

- 0-2 years
- 3-5 years
- 6-10 years
- 11-15 years
- 16-20 years
- 21+ years

Q10. What is the average annual revenue of the company?

- <\$100k
- \$100k-\$500k
- \$500k-\$1M
- \$1M-\$5M
- \$5M-\$10M
- >\$10M

Q11. How many employees does the company have?

- 1-4
- 5-9
- 9-19
- 20-49
- 50-499
- 500+

Q12. Does your company hold any of the following certifications?

	Yes	No	I don't know
A. Minority Business Enterprise (MBE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Woman Business Enterprise (WBE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Disadvantaged Business Enterprise (DBE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Small Business Enterprise (SBE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Other (please specify below in Q13):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q13. Please specify (from Q12E above)

---

Now we will ask questions about the company related to access to credit.

Q14. Has credit availability been a financial challenge in the last 12 months?

- Yes
- No
- Not sure.

Q15. Have you applied for credit in the last 12 months? Yes.

IF NO:

QX. What was your primary reason for not applying for credit?

- Have sufficient financing
- Debt averse
- Credit cost too high
- Discouraged from applying

Q16. If discouraged from applying: What reason(s) did you think might lead to your loan being denied?

- Insufficient Documentation
- Insufficient Business History
- Confusion about the Process
- Race or Ethnicity of Owner
- Gender of Owner
- Don't Know
- Other (please specify): \_\_\_\_\_

IF YES

Q17. What was the reason for applying for credit?

- Operating expense
- Expand business
- Refinance
- Other

Q18. Was your credit application approved?

- Yes
- No
- Not sure

IF NO

Q19. Why do you think your credit application was denied?

- Insufficient Documentation
- Insufficient Business History
- Confusion about the Process
- Race or Ethnicity of Owner
- Gender of Owner
- Don't Know
- Other (please specify): \_\_\_\_\_

IF YES

Q20. What was the total amount you requested? n/a

- <\$25k
- \$25k-\$100k
- \$100k-\$250k
- \$250k-\$1M
- >\$1M

Q21. Did you receive all of the funding you requested?

- Yes
- No
- Not sure

IF NO

Q22 What was the approximate percentage of your request that you did receive?

- Less than 25%
- 25%-50%
- 50-75%
- 75-100%



Q23. Approximately what percentage of your company’s annual revenues are earned from the DOT&PF, the private sector, and other public government sector projects?

Alaska DOT&PF:	%
Private Sector:	%
Non-DOT&PF Public Government Sector:	%
Total:	%

There is some information we would like to obtain that pertains specifically to whether you work as a prime or a subcontractor.

Q24. Does your company operate primarily as a prime contractor/consultant, subcontractor/supplier, or both?

- Prime contractor/consultant (CONTINUE TO Q25)
- Subcontractor/subconsultant (GO TO Q39)
- Both (CONTINUE TO Q25)

**IF INTERVIEWEE IS A PRIME: (Based on Q24)**

Q25. How do you find out about bid, proposal, or quote opportunities with the DOT&PF?

Q26. Have you ever submitted a bid, quote, or proposal with the DOT&PF or a prime on a DOT&PF contract?

- Yes
- No
- Don’t Know

Q27. Have you won a contract with the DOT&PF as a prime or subcontractor?

- Yes
- No
- Don’t Know

Q28. If yes, between October 1, 2014 to September 30, 2019, indicate a range of the approximate number of times you have been awarded a contract or purchase order with the DOT&PF.

- None
- 1-10 times
  - 11-25 times
  - 26-50 times
  - 51-100 times
  - Over 100 times
  - Don’t Know

Q29. If no, what bid, or proposal requirement do you feel was a barrier to successfully winning the bid or proposal? \_\_\_\_\_

\_\_\_\_\_

Q30. Have you ever protested a bid, proposal, or contract awarded by the DOT&PF?

Yes

No

Don't Know

Q31 If response is "yes": Please provide as much detail as possible on why and the results.

---

---

Q32. Do you believe you receive fair treatment once you are awarded a subcontract and are performing your scope of work?

Yes

No

Don't Know

Q33. If no, why do you believe you were treated unfairly?

---

---

Q34. Did you experience discriminatory behavior by the DOT&PF staff when attempting to do work or working on their projects?

Yes

No

Don't Know

Q35. If yes, please provide some information about the experience.

---

---

Q36. Did you file a complaint? If so, what was the result? If not, what was the reason?

---

---

Q37. Have any of the following been a barrier to attempting to do work or working on any of the DOT&PF's projects:

	Yes	No	Don't know
A. Prequalification requirements			
B. Bond requirements			
C. Proposal/bid specifications			
D. Short or limited time given to prepare bid package or quote			
E. Unnecessarily restrictive contract specifications			
F. Meeting DBE program requirements			
G. Identifying DBE firms			
H. Selection process/evaluation criteria			
I. Insurance requirements (general liability, professional liability, etc.)			
J. Cost of bidding/proposing			
K. Price of supplies/materials			
L. Competing with large companies			
M. Financing			
N. Lack of experience			
O. Contract too large			
P. Informal network of prime contractors and subcontractors that has excluded my company from doing business ("good ole boy" network)			
Q. Changes in the scope of work (after work began)			

R. Slow payment or non-payment for project work			
---	--	--	--

Q38. Can you tell me more about [whatever they “checked” in the table above] \_\_\_\_\_?

\_\_\_\_\_

\_\_\_\_\_

**IF INTERVIEWEE IS A SUBCONTRACTOR: (Based on Q24)**

Q39. How do you find out about bid, proposal, or quote opportunities with the DOT&PF?

Q40. Have you ever submitted a bid, quote, or proposal with a prime firm for a DOT&PF project?

- Yes
- No
- Don't Know

Q41. Have you won a subcontract on a DOT&PF project?

- Yes
- No
- Don't Know

Q42. If yes, between October 1, 2014 to September 30, 2019, indicate a range of the approximate number of times you have been awarded a contract or purchase order on a DOT&PF project.

- None
- 1-10 times
- 11-25 times
- 26-50 times
- 51-100 times
- Over 100 times
- Don't Know

Q43. If no, what bid, or proposal requirement do you feel was a barrier to successfully winning the bid or proposal?

\_\_\_\_\_

Q44. Have you ever protested a bid, proposal, or contract awarded by the DOT&PF?

- Yes
- No
- Don't Know

Q45. If response is “yes”: Please provide as much detail as possible on why and the results.

---

---

Q46. Do you believe you receive fair treatment once you are awarded a subcontract and are performing your scope of work?

- Yes
- No
- Don't Know

Q47. If no, why do you believe you were treated unfairly?

---

---

Q48. Have you experienced discriminatory behavior between from a prime contractor or consultant when attempting to do work or while working on DOT&PF projects?

- Yes
- No
- Don't Know

Q49. If yes, please provide some information about the experience:

---

---

Q50. Did you file a complaint? If so, what was the result? If not, why didn't you file a complaint?

---

---

Q51. How often do prime contractors or consultants that solicit bids from your firm for DOT&PF projects solicit bids from you for private sector or non-goals projects as well?

- Very Often
- Sometimes
- Seldom
- Never
- Don't know

Q52. Have you ever submitted a bid with a prime contractor for a project with the DOT&PF, were informed that you were the successful subcontractor, and then found out that another subcontractor was doing the work?

- Yes
- No
- Don't Know

Q53. If yes, please provide additional information about what happened.

---



---

Q54. How often do prime contractors or consultants include your firm on a bid to satisfy the DOT&PF's DBE requirements then not utilize your services once the contract has been awarded? n/a

- Very Often
- Sometimes
- Seldom
- Never
- Don't know

Q55. In your experience, have any of the following been a barrier to attempting to work or working on projects as a subcontractor on DOT&PF projects:

	Yes	No	Don't know
A. Prequalification requirements			
B. Bond requirements			
C. Proposal/bid specifications			
D. Short or limited time given to prepare bid package or quote			
E. Unnecessarily restrictive contract specifications			
F. Selection process/evaluation criteria			
G. Insurance requirements (general liability, professional liability, etc.)			
H. Cost of bidding/proposing			
I. Price of supplies/materials			
J. Competing with large companies			
K. Financing			

L. Lack of experience			
M. Contract too large			
N. Informal network of prime contractors and subcontractors that has excluded my company from doing business (“good ole boy” network)			
O. Changes in the scope of work (after work began)			
P. Slow payment or non-payment for project work			

Q56. Can you tell me more about [whatever they “checked” in the table above]\_\_\_\_\_?

\_\_\_\_\_

\_\_\_\_\_

**CLOSING - ALL FIRMS**

Q57. Do you have any recommendations on how the DOT&PF can improve the tracking and utilization of DBE-firms on DOT&PF projects and purchases?

\_\_\_\_\_

Q58. In your opinion, what are the biggest obstacles faced by DBE businesses in securing prime contracts or subcontracts with the DOT&PF?

\_\_\_\_\_

Q59. Is there anything else that you would like to share about the DOT&PF, the DBE Program, or contracting in Alaska?

\_\_\_\_\_

\_\_\_\_\_

This concludes the survey. On behalf of the DOT&PF, thank you for your participation.

If you have any questions or would like more information about the disparity study, please contact Andres Bernal at (850) 386-3191 or [abernal@mgtconsulting.com](mailto:abernal@mgtconsulting.com), or visit the study website at [www.alaskadotpfdisparitystudy.com](http://www.alaskadotpfdisparitystudy.com).

APPENDIX G. FOCUS GROUP GUIDE

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*





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## **G.I FOCUS GROUP GUIDE**

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### **Alaska DOT&PF Focus Group Guide**

**Hello and thank you for coming to this virtual focus group to provide input that will be used as a part of a program evaluation of contracting and procurement equity for the Alaska DOT&PF.**

**My name is \_\_\_\_\_ with Donaldson Enterprises on behalf of the Alaska DOT&PF Disparity Study. We have been asked to gather opinions from business owners about the business climate with the DOT&PF. We are looking to obtain information on your experiences, if any, when doing business or attempting to do business with the DOT&PF and its prime contractors or professional consultants.**

**We are very glad that you are all here and appreciate you taking time out of your busy day to participate in this meeting.**

**We are going to be taking notes throughout the session. In addition, we would like to record this session if there are no objections. However, in the case of a court order, all documentation may be turned over to the court.**

**We will begin with introductions. Why don't you start and we will work around the virtual room. State your - name, what kind of work you do, how long you have been in business, and anything else you'd like us to know about you.**

#### **The Process**

**The recordings and notes of these focus groups will only be summarized by me as part of the qualitative data collection. Individual names will not be identified nor will remarks or comments be attributed to a specific individual. Once all the analyses for the focus group are completed, the results will be aggregated and incorporated with other data from the study. These findings will be used in reviewing the DOT&PF procurement practices. We hope that everyone feels free to participate and to add as much insight as possible. We have ample time, so feel free to contribute to the discussion as we go along.**

**A. Welcome and brief background about the purpose of focus groups (see above).**

- Introductions – have each participant state:
- Name
- Company’s primary line of business
- Certification status (if applicable)
- Years in business

Be sure to note ethnic group, gender, and certification status (if applicable).

**B. Key Points to Discuss**

- This is an open discussion involving all to participate. Goal is to have everyone participate in the discussion.
- Encourage participants to express thoughts and opinions freely.
- Stress that the intent is to focus on issues related to contracting (such as construction, construction related services – architecture, engineering, and professional services) and the business climate with the DOT&PF.

**C. Scope**

- Establish Scope: We are going to discuss several items at this point. Our primary goal is to discuss your (local area business owners) opinions about the business climate with the DOT&PF.

**D. Discussion Questions**

1. Please discuss how you get information about the DOT&PF's procurement opportunities (such as, the DOT&PF's website, private bid notification websites, networking/word-of-mouth, etc.). Is this information helpful?
2. How frequently do members of your organization bid, submitted proposals or quotes on Alaska DOT&PF projects?
  - a. What is their success rate in winning bids, proposals, or quotes?
  - b. Was the DOT&PF (or prime) helpful in providing complete and accurate information to prepare bid/quote?

3. What do you feel most interferes with your member's ability to do business in the private sector (barriers to doing business, such as licensing, good old boy network, financing, etc.)?
4. Do you feel there is an informal network of prime contractors and subcontractors that provides an advantage for your member's when doing business in the private sector?
5. Are you familiar with the DOT&PF's procurement processes?
  - a. Do you have concerns with the current processes?
6. Are you familiar with DOT&PF's M/W/DBE programs?
  - a. Do you feel that the goals are reasonable and achievable?
  - b. What elements of these programs should be reviewed and revised?
7. If you have worked for other public agencies with M/W/DBE programs incorporated in the procurement process, what elements of those programs did you like? What elements do you not want adopted by the DOT&PF?
8. Have you observed a situation in which a prime contractor includes minority or woman subcontractors on a bid to satisfy the "good faith effort" requirements, and then drops the company as a subcontractor after winning the award for no legitimate reason?
9. What business assistance services provided by the DOT&PF have you used? Did you find them helpful? Please explain.
10. How could the DOT&PF improve its policies and practices to be more inclusive of minority, women, and disadvantaged firms in contracting and procurement that would enable more businesses to participate on DOT&PF projects?

On behalf of the DOT&PF, thank you for your participation in this interview. If you would like more information on the Study contact MGT Consulting Group, Mr. Andres Bernal at (850) 386-3191 or email at [abernal@mgtconsulting.com](mailto:abernal@mgtconsulting.com). The DOT&PF contact is Rashaud Joseph, Civil Rights Office Manager, and he can be reached at (907) 269-0848 or email at [rashaud.joseph@alaska.gov](mailto:rashaud.joseph@alaska.gov).

APPENDIX H. PUBLIC USE MICRODATA  
REGRESSION ANALYSES

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



## H.1 LOGISTIC REGRESSION OUTPUT

The most informative index with regard to the influence of the independent variables on the likelihood of being self-employed is found in the third column (Exp (B)) in **Table H-1** through **Table H-3**. From the inverse of this value, we can interpret a likelihood value of its effect on self-employment. For example, the Exp (B) for an African American is 0.582 from **Table H-1**, the inverse of this is 1.72. This means that a nonminority male is 1.72 times more likely to be self-employed than an African American. Columns A and B are reported as a matter of convention to give the reader another indicator of both the magnitude of the variable's effect and the direction of the effect. The greater the negative B value the more it depresses the likelihood of being self-employed, and vice versa for a positive B value. It is noteworthy that theoretically "race-neutral" variables (e.g., marital status) tend to impact the likelihood of self-employment positively and that the race/ethnicity/gender variables, in general, tend to have a negative effect on self-employment.

### VARIABLES

#### Race, ethnicity, and gender indicator variables:

- African American
- Asian American
- Hispanic American
- Native American
- Sex: Nonminority woman or not

#### Other indicator variables:

- Marital Status: Married or not
- Age
- Age2: age squared. Used to acknowledge the positive, curvilinear relationship between each year of age and self-employment
- Disability: Individuals self-reported health-related disabilities
- Tenure: Owns their own home
- Value: Household property value
- Mortgage: Monthly total mortgage payments
- Unearn: Unearned income, such as interests and dividends
- Resdinc: Household income less individuals' personal income
- P65: Number of individuals over the age of 65 living in the household
- P18: Number of children under the age of 18 living in the household
- Some College: Some college education
- College Graduate: College degree
- More than College: Professional or graduate degree

TABLE H-1. RESULTS OF LOGISTIC REGRESSION,  
OVERALL

State of Alaska Marketplace			
	B	Sig.	Exp (B)
African American	-0.541	0.113	0.582
Hispanic American	-0.336	0.115	0.715
Asian American	<b>-0.692</b>	0.000	0.500
Native American	-0.041	0.693	0.960
Sex (1=Female)	<b>-0.270</b>	0.004	0.763
Marital Status (1=Married)	<b>0.219</b>	0.007	1.245
Age	0.032	0.085	1.033
Age <sup>2</sup>	0.000	0.974	1.000
Speaks English Well (1=Yes)	-0.116	0.347	0.891
Disability (1=Yes)	0.064	0.609	1.066
Tenure (1=Yes)	<b>0.593</b>	0.000	1.810
Value	<b>0.000</b>	0.000	1.000
Mortgage	<b>0.000</b>	0.002	1.000
Unearn	0.000	0.812	1.000
Resdinc	0.000	0.812	1.000
P65	0.008	0.924	1.008
P18	0.040	0.630	1.040
Some College (1=Yes)	<b>0.879</b>	0.001	2.408
College Graduate (1=Yes)	0.271	0.412	1.312
More than College (1=Yes)	0.097	0.217	1.102
Number of Observations	7067		
Chi-squared statistic (df=20)	431.474		
Log Likelihood	-5223.746		

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

Estimation was conducted using the Binary Logistic command on SPSS. The Binary Logistic command performs binary logistic regressions and reports estimated coefficients and odds ratios that measure the effect on the probability of each one-unit increase in the included variables.

TABLE H-2. RESULTS OF LOGISTIC REGRESSION,  
CONSTRUCTION

State of Alaska Marketplace			
	B	Sig.	Exp (B)
Hispanic American	-0.133	0.783	0.875
Asian American	-0.739	0.336	0.477
Native American	<b>-0.774</b>	0.002	0.461
Sex (1=Female)	-0.507	0.113	0.602
Marital Status (1=Married)	0.007	0.971	1.007
Age	<b>0.098</b>	0.055	1.103
Age <sup>2</sup>	-0.001	0.253	0.999
Speaks English Well (1=Yes)	-0.246	0.447	0.782
Disability (1=Yes)	-0.248	0.430	0.781
Tenure (1=Yes)	0.169	0.473	1.185
Value	0.000	0.188	1.000
Mortgage	0.000	0.980	1.000
Unearn	0.000	0.924	1.000
Resdinc	0.000	0.361	1.000
P65	-0.042	0.850	0.959
P18	0.002	0.992	1.002
Some College (1=Yes)	0.178	0.767	1.195
College Graduate (1=Yes)	0.628	0.278	1.874
More than College (1=Yes)	0.111	0.523	1.117
Number of Observations	1166		
Chi-squared statistic (df=20)	78.981		
Log Likelihood	-955.445		

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

Estimation was conducted using the Binary Logistic command on SPSS. The Binary Logistic command performs binary logistic regressions and reports estimated coefficients and odds ratios that measure the effect on the probability of each one-unit increase in the included variables.

TABLE H-3. RESULTS OF LOGISTIC REGRESSION,  
PROFESSIONAL SERVICES

State of Alaska Marketplace			
	B	Sig.	Exp (B)
African American	-0.928	0.390	0.395
Hispanic American	-0.962	0.194	0.382
Asian American	<b>-1.304</b>	0.038	0.272
Native American	<b>-2.105</b>	0.000	0.122
Sex (1=Female)	<b>-0.703</b>	0.003	0.495
Marital Status (1=Married)	-0.338	0.182	0.713
Age	<b>0.202</b>	0.006	1.223
Age <sup>2</sup>	<b>-0.002</b>	0.040	0.998
Speaks English Well (1=Yes)	0.609	0.145	1.838
Disability (1=Yes)	0.319	0.426	1.375
Tenure (1=Yes)	<b>1.193</b>	0.001	3.298
Value	0.000	0.342	1.000
Mortgage	<b>0.001</b>	0.002	1.001
Unearn	0.000	0.202	1.000
Resdinc	0.000	0.660	1.000
P65	-0.012	0.961	0.988
P18	0.320	0.227	1.377
Some College (1=Yes)	22.015	1.000	0.982
College Graduate (1=Yes)	-19.524	0.999	0.000
More than College (1=Yes)	<b>-0.878</b>	0.029	0.416
Number of Observations	1034		
Chi-squared statistic (df=20)	169.214		
Log Likelihood	-595.097		

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

Estimation was conducted using the Binary Logistic command on SPSS. The Binary Logistic command performs binary logistic regressions and reports estimated coefficients and odds ratios that measure the effect on the probability of each one-unit increase in the included variables.



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## H.2 RESULTS OF LINEAR REGRESSION, EXPLANATION OF RESULTS AND VARIABLES

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The most informative index with regard to the influence of the independent variables on the earnings of a self-employed individual is found in the first column (Unstandardized B) in **Table H-4** through **Table H-6**. Each number in this column represents a percent change in earnings. For example, the corresponding number for an Hispanic American is -.556, from **Table H-4**, meaning that an Hispanic American will earn 55.6 percent less than a nonminority male. The other three columns are reported in order to give the reader another indicator of both the magnitude of the variable's effect and the direction of the effect. The 'Std. Error' column reports the standard deviation in the sampling distribution. The 'Standardized B' column shows the standard deviation change in the dependent variable from one standard deviation increase in the independent variable. The 'Sig.' column simply reports the level and strength of a variable's significance.

### VARIABLES

#### Race, ethnicity and gender indicator variables:

- African American
- Asian American
- Hispanic American
- Native American
- Nonminority Woman

#### Other indicator variables:

- Marital Status: Married or not
- Disability: Individuals self-reported health-related disabilities.
- Age
- Age2: age squared. Used to acknowledge the positive, curvilinear relationship between each year of age and self-employment.
- Speaks English Well: Person's ability to speak English if not a native speaker.
- Some College: Some college education
- College Graduate: College degree
- More than College: Professional or graduate degree

TABLE H-4. RESULTS OF LINEAR REGRESSION,  
OVERALL

State of Alaska Marketplace					
	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
African American	<b>-1.013</b>	0.281	-0.106	-3.608	0.000
Hispanic American	<b>-0.556</b>	0.168	-0.099	-3.300	0.001
Asian American	<b>-0.309</b>	0.152	-0.064	-2.042	0.041
Native American	<b>-0.423</b>	0.075	-0.181	-5.658	0.000
Nonminority Women (1=Female)	<b>-0.419</b>	0.072	-0.182	-5.853	0.000
Marital Status (1=Married)	<b>0.203</b>	0.060	0.103	3.406	0.001
Disability (1=Yes)	<b>-0.203</b>	0.093	-0.066	-2.171	0.030
Age	<b>0.066</b>	0.012	0.968	5.390	0.000
Age <sup>2</sup>	<b>-0.001</b>	0.000	-0.961	-5.352	0.000
Speaks English Well (1=Yes)	-0.153	0.092	-0.053	-1.657	0.098
Some College (1=Yes)	-0.120	0.184	-0.019	-0.652	0.515
College Graduate (1=Yes)	-0.092	0.257	-0.010	-0.358	0.720
More than College (1=Yes)	<b>-0.201</b>	0.060	-0.101	-3.349	0.001
Constant	9.357	0.285		32.865	0.000

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

TABLE H-5. RESULTS OF LINEAR REGRESSION,  
CONSTRUCTION

State of Alaska Marketplace					
	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
Hispanic American	-0.172	0.313	-0.035	-0.549	0.584
Asian American	0.907	0.538	0.108	1.686	0.093
Native American	-0.028	0.151	-0.012	-0.188	0.851
Nonminority Women (1=Female)	-0.341	0.208	-0.104	-1.637	0.103
Marital Status (1=Married)	<b>0.526</b>	0.109	0.311	4.831	0.000
Disability (1=Yes)	-0.354	0.201	-0.115	-1.764	0.079
Age	<b>0.077</b>	0.028	1.187	2.730	0.007
Age <sup>2</sup>	<b>-0.001</b>	0.000	-1.121	-2.580	0.011
Speaks English Well (1=Yes)	<b>-0.709</b>	0.208	-0.224	-3.418	0.001
Some College (1=Yes)	0.019	0.383	0.003	0.050	0.960
College Graduate (1=Yes)	-0.129	0.337	-0.024	-0.384	0.702
More than College (1=Yes)	<b>-0.223</b>	0.110	-0.132	-2.029	0.044
Constant	9.730	0.229		42.551	0.000

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

TABLE H-6. RESULTS OF LINEAR REGRESSION,  
PROFESSIONAL SERVICES

State of Alaska Marketplace					
	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
African American	-1.053	1.107	-0.093	-0.951	0.343
Hispanic American	<b>-1.219</b>	0.576	-0.184	-2.118	0.036
Asian American	-1.157	0.609	-0.201	-1.900	0.060
Native American	-0.169	0.549	-0.029	-0.307	0.759
Nonminority Women (1=Female)	<b>-0.453</b>	0.192	-0.222	-2.356	0.020
Marital Status (1=Married)	-0.194	0.194	-0.089	-1.000	0.319
Disability (1=Yes)	-0.099	0.323	-0.030	-0.306	0.760
Age	0.123	0.065	1.473	1.905	0.059
Age <sup>2</sup>	<b>-0.001</b>	0.001	-1.660	-2.145	0.034
Speaks English Well (1=Yes)	-0.042	0.369	-0.013	-0.114	0.910
Some College (1=Yes)	-1.578	0.995	-0.139	-1.587	0.115
College Graduate (1=Yes)	-0.634	0.380	-0.153	-1.669	0.098
More than College (1=Yes)					
	8.961	1.604		5.585	0.000
Constant	-1.053	1.107	-0.093	-0.951	0.343

Source: PUMS data from 2015-2019 American Community Survey (State of Alaska Marketplace) and MGT, calculations using SPSS Statistics software.

Note: **BOLD** statistically significant at  $p < .05$ .

APPENDIX I. NON-GOAL ANALYSES

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



**I.1 NON-GOAL ANALYSES**

**TABLE I-1. NON-GOAL ANALYSIS OF CONSTRUCTION UTILIZATION  
BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FTA**

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$75,769.62	100.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0.00	0.00%	\$75,769.62	100.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database based on contracts, Professional Services Agreements, and subrecipient data awarded by the DOT&PF between October 1, 2014 to September 30, 2019.

TABLE I-2. NON-GOAL ANALYSIS OF CONSTRUCTION UTILIZATION  
BY BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>M/W/DBE Firms</b>						
African Americans	\$356,900.00	0.26%	\$503,000.00	0.12%	\$859,900.00	0.16%
Alaska Native Corporation	\$31,804,092.75	22.78%	\$23,847,427.06	5.76%	\$55,651,519.81	10.05%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$1,980,959.00	1.42%	\$13,961,475.51	3.37%	\$15,942,434.51	2.88%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$1,039,128.00	0.25%	\$1,039,128.00	0.19%
Hispanic Americans	\$0.00	0.00%	\$18,395,192.16	4.44%	\$18,395,192.16	3.32%
Nonminority Women	\$1,013,936.54	0.73%	\$8,799,366.48	2.13%	\$9,813,303.02	1.77%
<b>Total M/W/DBE Firms</b>	<b>\$35,155,888.29</b>	<b>25.18%</b>	<b>\$66,545,589.21</b>	<b>16.08%</b>	<b>\$101,701,477.50</b>	<b>18.37%</b>
Non-M/W/DBE Firms	\$104,469,415.21	74.82%	\$347,405,907.91	83.92%	\$451,875,323.12	81.63%
<b>TOTAL</b>	<b>\$139,625,303.50</b>	<b>100.00%</b>	<b>\$413,951,497.12</b>	<b>100.00%</b>	<b>\$553,576,800.62</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$31,218,767.75	22.36%	\$8,958,892.50	2.16%	\$40,177,660.25	7.26%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$1,706,959.00	1.22%	\$5,379,078.11	1.30%	\$7,086,037.11	1.28%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$53,158.00	0.01%	\$53,158.00	0.01%
Hispanic Americans	\$0.00	0.00%	\$313,288.00	0.08%	\$313,288.00	0.06%
Nonminority Women	\$332,416.29	0.24%	\$2,666,010.80	0.64%	\$2,998,427.09	0.54%
<b>Total DBE Certified Firms</b>	<b>\$33,258,143.04</b>	<b>23.82%</b>	<b>\$17,370,427.41</b>	<b>4.20%</b>	<b>\$50,628,570.45</b>	<b>9.15%</b>
Non-DBE Certified Firms	\$106,367,160.46	76.18%	\$396,581,069.71	95.80%	\$502,948,230.17	90.85%
<b>TOTAL</b>	<b>\$139,625,303.50</b>	<b>100.00%</b>	<b>\$413,951,497.12</b>	<b>100.00%</b>	<b>\$553,576,800.62</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database based on contracts, Professional Services Agreements, and subrecipient data awarded by the DOT&PF between October 1, 2014 to September 30, 2019.

TABLE I-3. NON-GOAL ANALYSIS OF CONSTRUCTION UTILIZATION  
BY REGION, FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>CENTRAL REGION</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$75,769.62	100.00%	\$75,769.62	100.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>	<b>\$75,769.62</b>	<b>100.00%</b>
<b>NORTHERN REGION</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
<b>SOUTHCOAST REGION</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
<b>TOTAL</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$0.00</b>	<b>0.00%</b>

Source: MGT developed a Master Contract Database based on contracts, Professional Services Agreements, and subrecipient data awarded by the DOT&PF between October 1, 2014 to September 30, 2019.



TABLE I-4. NON-GOAL ANALYSIS OF CONSTRUCTION UTILIZATION  
BY REGION, FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)	Dollars (\$)	Percent (%)
<b>CENTRAL REGION</b>						
African Americans	\$0.00	0.00%	\$503,000.00	0.18%	\$503,000.00	0.15%
Alaska Native Corporation	\$10,378,308.25	21.39%	\$16,985,477.06	6.04%	\$27,363,785.31	8.30%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$370,600.00	0.76%	\$4,329,021.00	1.54%	\$4,699,621.00	1.43%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$53,158.00	0.02%	\$53,158.00	0.02%
Hispanic Americans	\$0.00	0.00%	\$3,180,708.16	1.13%	\$3,180,708.16	0.97%
Nonminority Women	\$699,355.25	1.44%	\$6,468,866.25	2.30%	\$7,168,221.50	2.17%
<b>Total M/W/DBE Firms</b>	<b>\$11,448,263.50</b>	<b>23.60%</b>	<b>\$31,520,230.47</b>	<b>11.21%</b>	<b>\$42,968,493.97</b>	<b>13.04%</b>
Non-M/W/DBE Firms	\$37,064,770.01	76.40%	\$249,541,020.90	88.79%	\$286,605,790.91	86.96%
<b>TOTAL</b>	<b>\$48,513,033.51</b>	<b>100.00%</b>	<b>\$281,061,251.37</b>	<b>100.00%</b>	<b>\$329,574,284.88</b>	<b>100.00%</b>
<b>NORTHERN REGION</b>						
African Americans	\$356,900.00	0.42%	\$503,000.00	0.51%	\$859,900.00	0.47%
Alaska Native Corporation	\$21,425,784.50	25.31%	\$6,861,950.00	7.01%	\$28,287,734.50	15.50%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$976,908.00	1.15%	\$9,571,151.51	9.78%	\$10,548,059.51	5.78%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Hispanic Americans	\$0.00	0.00%	\$15,214,484.00	15.55%	\$15,214,484.00	8.34%
Nonminority Women	\$314,581.29	0.37%	\$1,310,796.62	1.34%	\$1,625,377.91	0.89%
<b>Total M/W/DBE Firms</b>	<b>\$23,074,173.79</b>	<b>27.25%</b>	<b>\$33,461,382.13</b>	<b>34.20%</b>	<b>\$56,535,555.92</b>	<b>30.98%</b>
Non-M/W/DBE Firms	\$61,587,180.20	72.75%	\$64,388,656.10	65.80%	\$125,975,836.30	69.02%
<b>TOTAL</b>	<b>\$84,661,353.99</b>	<b>100.00%</b>	<b>\$97,850,038.23</b>	<b>100.00%</b>	<b>\$182,511,392.22</b>	<b>100.00%</b>
<b>SOUTHCOAST REGION</b>						
African Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Native Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Alaska Tribal Corporation	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
American Indians/Alaska Natives	\$0.00	0.00%	\$61,303.00	0.17%	\$61,303.00	0.15%
Asian Indian/Pacific Islanders	\$0.00	0.00%	\$985,970.00	2.77%	\$985,970.00	2.38%
Hispanic Americans	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%
Nonminority Women	\$0.00	0.00%	\$1,019,703.61	2.87%	\$1,019,703.61	2.47%
<b>Total M/W/DBE Firms</b>	<b>\$0.00</b>	<b>0.00%</b>	<b>\$2,066,976.61</b>	<b>5.82%</b>	<b>\$2,066,976.61</b>	<b>5.00%</b>
Non-M/W/DBE Firms	\$5,817,465.00	100.00%	\$33,476,230.91	94.18%	\$39,293,695.91	95.00%
<b>TOTAL</b>	<b>\$5,817,465.00</b>	<b>100.00%</b>	<b>\$35,543,207.52</b>	<b>100.00%</b>	<b>\$41,360,672.52</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database based on contracts, Professional Services Agreements, and subrecipient data awarded by the DOT&PF between October 1, 2014 to September 30, 2019.

APPENDIX J. METHODOLOGY FOR  
CALCULATION OF DBE ANNUAL  
GOALS FOR FHWA, FAA, AND FTA

**Disadvantaged Business Enterprise Disparity Study**

*Alaska Department of Transportation and Public  
Facilities*



## J.1 DBE GOAL METHODOLOGY

This appendix sets out the methodology for the overall annual Disadvantaged Business Enterprise (DBE) Goal for DBE participation in the Alaska Department of Transportation and Public Facilities (DOT&PF) on federally assisted contracts. The goal was developed in compliance with federal regulations set forth in 49 CFR Part 26, Participation by Disadvantaged Business Enterprises in U.S. Department of Transportation (DOT) Programs. The goal identifies the relative availability of DBEs based on evidence of ready, willing, and able DBEs in relationship to all comparable businesses which are known to be available to compete for Alaska DOT&PF's U.S. DOT-assisted contracts.

### DBE GOAL DETERMINATION

This study proposes the following annual goals for the Federal Highway Administration (FHWA), the Federal Aviation Administration (FAA), and the Federal Transit Administration (FTA), as shown in **Table J-1** below, based on the availability used by MGT of America, Inc. (MGT), for the Alaska DOT&PF's 2020 Disparity Study.

TABLE J-1. PROPOSED DBE GOALS

FUNDING SOURCE	PROPOSED DBE GOALS
FHWA	10.49%
FAA	10.56%
FTA	10.51%

### STEP ONE – DETERMINING THE BASE FIGURE - 49 CFR PART 26.45(C)

Per 49 CFR Section 26.45(b), the DBE goal must be based on demonstrable evidence of the availability of ready, willing, and able DBEs relative to all businesses ready, willing, and able to participate in DOT-assisted contracts. Alaska DOT&PF started the goal setting with a base figure for the relative availability of DBEs.

1. The study period for the DOT&PF 2020 Disparity Study is October 1, 2014 to September 30, 2019 (FFY2015-FFY2019).
2. The 2020 DOT&PF Disparity Study found the state of Alaska to be the relevant market area<sup>10</sup>. To arrive at this conclusion, MGT staff reviewed the geographic location by using MGT's Zone Improvement Plan (ZIP) Code Database of each firm conducting business with the DOT&PF. Once the firms' geographic locations were identified, all counties (for firms located outside of the state of Alaska) and boroughs (for firms located in the state of Alaska) where dollars were awarded were analyzed and referred to the overall market area for each business category. Boroughs with firms that received the most dollars (which totaled at least 75 percent of the overall market area) were identified.

<sup>10</sup> Alaska DOT&PF Disparity Study (2020, Table 4-2).

3. DBE utilization and availability was based on projects with FHWA, FAA, and FTA assistance during the five-year study period of the 2020 Disparity Study.
4. The overall DBE goal uses available construction and professional services firms.
5. DOT&PF Vendor Data Sets.
  - a. MGT used DOT&PF's BizTrak vendor list, DBE list, Bidders list, Firm list, and Utilized vendors as the basis for availability database. There is case law where studies estimating availability based on vendor data have been upheld in federal court. Vendor data was extracted from the DOT&PF's vendor data sets.
  - b. Custom Census. It has been noted that many vendor lists are deficient on non-M/WBE participation. To remedy this, MGT supplemented the vendor lists collected using a custom census to ascertain additional vendors that are available to do work for the DOT&PF. Availability estimates were based on firms represented in the study's custom census. It should be noted that there are deficiencies to Dun & Bradstreet, which include:
    - i. No racial, ethnic, and gender information.
    - ii. No indication of whether a firm has a professional license in the state of Alaska.

MGT staff addressed these deficiencies by first pulling the entire universe of firms within the DOT&PF market areas from Dun & Bradstreet. The sample was limited to firms located in the state of Alaska and identified as providing construction or professional services. Once the sample was pulled, MGT staff cross referenced these firms with a combined directory of firms compiled from the following sources: DOT&PF UCP list, DOT&PF Bidders list, DOT&PF AASHTOWare/BizTrak vendor list, DOT&PF firm data, Small Business Administration 8(a) list of firms, Afognak Native Corporation, Ahtna, Inc., Arctic Slope Regional Corporation, Bering Straits Native Corporation, Bristol Bay Native Corporation, Calista Corporation, Chenega Corporation, Chugach Alaska Corporation, Cook Inlet Region, Inc., Doyon Limited, Huna Totem Corporation, Kake Tribal Corporation, Koniag, Inc. , Northwest Alaska Native Association, Olgoonik Corporation, Sealaska Corporation, The Aleut Corporation. Once this process was completed, the remaining deficiencies were addressed by conducting a short survey.

Firms were asked:

- iii. Verify the NAICS code assigned in the Dun & Bradstreet data.
- iv. Ethnicity, race, and gender information.

The survey questionnaire used in this process is presented in Appendices XX.

6. After compiling these sources into the Master Vendor Availability Database, MGT verified the business licenses of those firms surveyed by cross referencing them to the Alaska Department of Commerce, Community, and Economic Development's Division of Corporations, Business,

and Professional Licensing database. Those that did not have licenses were deemed not available.

7. Finally, MGT cross-referenced the Alaska DOT&PF DBE List to determine those vendors that were affirmatively certified as DBEs.
8. In total there were 119 certified DBE vendors that meet all of the above criteria; 69 in Construction and 50 in Professional Services.
9. This process resulted in the DBE availability estimates by procurement category shown in **Table J-2** below:

TABLE J-2. ESTIMATED DBE AVAILABILITY

2020 CATEGORY	DBE AVAILABILITY
Construction Contractors	10.25%
Professional Contractors	14.84%

10. The estimated DBE availability in **Table J-2** was then weighted by expenditures for each mode and procurement category. The weights are presented in **Table J-3** below:

TABLE J-3. WEIGHTS BY FUNDING MODAL BY PROCUREMENT CATEGORY

2020 CATEGORY	FUNDING MODAL		
	FHWA	FAA	FTA
Construction Contractors	94.73%	93.20%	94.35%
Professional Contractors	5.27%	6.80%	5.65%

11. The weights from **Table J-3** are then multiplied by the availability for each procurement category for each mode. This calculation results in proposed DBE annual goals, shown in **Table J-4** below:

TABLE J-4. PROPOSED DBE GOALS  
FHWA, FAA, FTA

FUNDING MODAL	PROPOSED DBE GOAL
FHWA	10.49%
FAA	10.56%
FTA	10.51%

## STEP TWO- ADJUSTING THE BASE FIGURE

1. **Median DBE Utilization.** The median DOT&PF DBE utilization on FHWA-, FAA-, and FTA-assisted projects during the study period is presented in **Table I-5** below. The FHWA and FAA

median DBE utilization numbers are overall not far from the proposed DBE goals. Given this, the proposed goals make no adjustment for median DBE utilization.

TABLE J-5. MEDIAN DBE UTILIZATION  
FHWA, FAA, FTA

FUNDING MODAL	MEDIAN DBE UTILIZATION
FHWA	6.08%
FAA	11.81%
FTA	0.00%

2. **"But For" Discrimination.** The 2020 Disparity Study provides some evidence of lower rates of entry into and earnings from self-employment for women and minorities.<sup>11</sup> These disparities could be quantified to raise women and minority business availability by the difference between the self-employment rates of nonminority males and other groups. No adjustment to the DBE goal was made for this analysis of "but for" discrimination.
3. **Non-Certified Firms.** There were minority and women-owned business enterprises (M/WBEs) that were utilized on DOT&PF projects (hence, they were available) that were not certified as DBEs. These M/WBEs, if certified, would raise relative DBE availability. However, no comprehensive data was available on how many of these M/WBEs could be certified as DBEs. DOT&PF does know that several of these M/WBEs, particularly some successful prime contractors, were former DBEs that graduated from the DBE program.
4. **Other Disparity Studies.** No other disparity studies were conducted in the state of Alaska during the study period.

In summary, no Step 2 adjustments are made to the DBE goals presented. However, the Alaska DOT&PF may decide to apply a Step 2 adjustments as needed if they believe they are warranted.

<sup>11</sup> Alaska DOT&PF, *Disparity Study* (2020), **Appendix H**.