

## ***APPENDICES***

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

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## APPENDIX A: CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

Appendix A presents the corresponding analyses discussed in Chapter IV and Chapter V. The corresponding analyses presents market area, utilization, and disparity results. The corresponding results to analyses presented in the chapters are designated in the notes to the exhibits.

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**MARKET AREA ANALYSES**

EXHIBIT A-1  
MARKET AREA ANALYSIS  
FUNDING MODAL: FAA

LOCATION OF FIRMS	CONSTRUCTION		AELS		NON-AELS	
	\$	Percent	\$	Percent	\$	Percent
Inside Alaska	\$793,033,666	95.06%	\$24,858,277	89.41%	\$13,900,978	98.89%
Outside Alaska	<u>\$41,216,546</u>	<u>4.94%</u>	<u>\$2,945,602</u>	<u>10.59%</u>	<u>\$155,498</u>	<u>1.11%</u>
<b>TOTAL</b>	<b>\$834,250,212</b>	<b>100.00%</b>	<b>\$27,803,879</b>	<b>100.00%</b>	<b>\$14,056,476</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4C](#).

EXHIBIT A-2  
MARKET AREA ANALYSIS  
FUNDING MODAL: FTA

LOCATION OF FIRMS	CONSTRUCTION		AELS		NON-AELS	
	\$	Percent	\$	Percent	\$	Percent
Inside Alaska	\$17,763,582	53.89%	\$1,635,681	60.11%	\$1,155,351	82.84%
Outside Alaska	<u>\$15,198,544</u>	<u>46.11%</u>	<u>\$1,085,647</u>	<u>39.89%</u>	<u>\$239,322</u>	<u>17.16%</u>
<b>TOTAL</b>	<b>\$32,962,127</b>	<b>100.00%</b>	<b>\$2,721,328</b>	<b>100.00%</b>	<b>\$1,394,673</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4C](#).

**UTILIZATION ANALYSES OF SUBCONTRACTORS/ SUBCONSULTANTS**

EXHIBIT A-3  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$19,670	56.01%	\$0	0.00%	\$0	0.00%	\$19,670	23.37%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$28,432	57.97%	\$0	0.00%	\$28,432	33.78%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$20,610	42.03%	\$0	0.00%	\$20,610	24.49%
Nonminority Women	\$15,450	43.99%	\$0	0.00%	\$0	0.00%	\$15,450	18.36%
<b>Total M/W/DBE Firms</b>	<b>\$35,120</b>	<b>100.00%</b>	<b>\$49,042</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$35,120</b>	<b>100.00%</b>	<b>\$49,042</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$19,670	56.01%	\$0	0.00%	\$0	0.00%	\$19,670	23.37%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$28,432	57.97%	\$0	0.00%	\$28,432	33.78%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$20,610	42.03%	\$0	0.00%	\$20,610	24.49%
Nonminority Women	\$15,450	43.99%	\$0	0.00%	\$0	0.00%	\$15,450	18.36%
<b>Total DBE Certified Firms</b>	<b>\$35,120</b>	<b>100.00%</b>	<b>\$49,042</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
Non-DBE Certified Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$35,120</b>	<b>100.00%</b>	<b>\$49,042</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4E](#).

EXHIBIT A-4  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$671,933	100.00%	\$0	0.00%	\$104,985	70.51%	\$776,918	94.65%
<b>Total M/W/DBE Firms</b>	<b>\$671,933</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>70.51%</b>	<b>\$776,918</b>	<b>94.65%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$43,900</u>	<u>29.49%</u>	<u>\$43,900</u>	<u>5.35%</u>
<b>TOTAL</b>	<b>\$671,933</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$148,885</b>	<b>100.00%</b>	<b>\$820,818</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$634,324	94.40%	\$0	0.00%	\$104,985	70.51%	\$739,309	90.07%
<b>Total DBE Certified Firms</b>	<b>\$634,324</b>	<b>94.40%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>70.51%</b>	<b>\$739,309</b>	<b>90.07%</b>
Non-DBE Certified Firms	<u>\$37,609</u>	<u>5.60%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$43,900</u>	<u>29.49%</u>	<u>\$81,509</u>	<u>9.93%</u>
<b>TOTAL</b>	<b>\$671,933</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$148,885</b>	<b>100.00%</b>	<b>\$820,818</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4E](#).



EXHIBIT A-5  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$19,670	79.73%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$19,670	23.37%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$28,432	73.12%	\$0	0.00%	\$0	0.00%	\$28,432	33.78%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$20,610	100.00%	\$0	0.00%	\$20,610	24.49%
Nonminority Women	\$0	0.00%	\$5,000	20.27%	\$10,450	26.88%	\$0	0.00%	\$0	0.00%	\$15,450	18.36%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$38,882</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$38,882</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$19,670	79.73%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$19,670	23.37%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$28,432	73.12%	\$0	0.00%	\$0	0.00%	\$28,432	33.78%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$20,610	100.00%	\$0	0.00%	\$20,610	24.49%
Nonminority Women	\$0	0.00%	\$5,000	20.27%	\$10,450	26.88%	\$0	0.00%	\$0	0.00%	\$15,450	18.36%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$38,882</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$38,882</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$84,162</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4F](#).

EXHIBIT A-6  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODALS COMBINED: FHWA, FTA, AND FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$570,240	100.00%	\$111,094	100.00%	\$36,689	100.00%	\$58,895	57.29%	\$0	0.00%	\$776,918	94.65%
<b>Total M/W/DBE Firms</b>	<b>\$570,240</b>	<b>100.00%</b>	<b>\$111,094</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$58,895</b>	<b>57.29%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$776,918</b>	<b>94.65%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$43,900	42.71%	\$0	0.00%	\$43,900	5.35%
<b>TOTAL</b>	<b>\$570,240</b>	<b>100.00%</b>	<b>\$111,094</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$102,795</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$820,818</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$570,240	100.00%	\$73,485	66.15%	\$36,689	100.00%	\$58,895	57.29%	\$0	0.00%	\$739,309	90.07%
<b>Total DBE Certified Firms</b>	<b>\$570,240</b>	<b>100.00%</b>	<b>\$73,485</b>	<b>66.15%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$58,895</b>	<b>57.29%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$739,309</b>	<b>90.07%</b>
Non-DBE Certified Firms	\$0	0.00%	\$37,609	33.85%	\$0	0.00%	\$43,900	42.71%	\$0	0.00%	\$81,509	9.93%
<b>TOTAL</b>	<b>\$570,240</b>	<b>100.00%</b>	<b>\$111,094</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$102,795</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$820,818</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4F](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-7  
 UTILIZATION ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$158,600	0.25%	\$0	0.00%	\$0	0.00%	\$158,600	0.13%
Alaska Native Corporations	\$4,310,975	6.75%	\$0	0.00%	\$0	0.00%	\$4,310,975	3.54%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$9,007,404	14.10%	\$2,945,084	6.12%	\$1,284,082	13.17%	\$13,236,570	10.87%
Asian Indian/Pacific Islanders	\$17,142	0.03%	\$0	0.00%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$1,267,953	1.98%	\$49,959	0.10%	\$0	0.00%	\$1,317,912	1.08%
Nonminority Women	\$5,386,719	8.43%	\$2,547,108	5.29%	\$1,684,547	17.28%	\$9,618,374	7.90%
<b>Total M/W/DBE Firms</b>	<b>\$20,148,792</b>	<b>31.54%</b>	<b>\$5,542,151</b>	<b>11.52%</b>	<b>\$2,968,629</b>	<b>30.45%</b>	<b>\$28,659,572</b>	<b>23.54%</b>
Non-M/W/DBE Firms	<u>\$43,738,035</u>	<u>68.46%</u>	<u>\$42,566,508</u>	<u>88.48%</u>	<u>\$6,781,204</u>	<u>69.55%</u>	<u>\$93,085,747</u>	<u>76.46%</u>
<b>TOTAL</b>	<b>\$63,886,827</b>	<b>100.00%</b>	<b>\$48,108,659</b>	<b>100.00%</b>	<b>\$9,749,833</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$158,600	0.25%	\$0	0.00%	\$0	0.00%	\$158,600	0.13%
Alaska Native Corporations	\$88,630	0.14%	\$0	0.00%	\$0	0.00%	\$88,630	0.07%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$8,369,004	13.10%	\$2,627,184	5.46%	\$1,284,082	13.17%	\$12,280,270	10.09%
Asian Indian/Pacific Islanders	\$17,142	0.03%	\$0	0.00%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$1,140,017	1.78%	\$0	0.00%	\$0	0.00%	\$1,140,017	0.94%
Nonminority Women	\$4,921,425	7.70%	\$619,346	1.29%	\$569,967	5.85%	\$6,110,738	5.02%
<b>Total DBE Certified Firms</b>	<b>\$14,694,817</b>	<b>23.00%</b>	<b>\$3,246,530</b>	<b>6.75%</b>	<b>\$1,854,049</b>	<b>19.02%</b>	<b>\$19,795,396</b>	<b>16.26%</b>
Non-DBE Certified Firms	<u>\$49,192,010</u>	<u>77.00%</u>	<u>\$44,862,129</u>	<u>93.25%</u>	<u>\$7,895,784</u>	<u>80.98%</u>	<u>\$101,949,923</u>	<u>83.74%</u>
<b>TOTAL</b>	<b>\$63,886,827</b>	<b>100.00%</b>	<b>\$48,108,659</b>	<b>100.00%</b>	<b>\$9,749,833</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-8  
 UTILIZATION ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$1,535,190	22.89%	\$1,535,190	22.89%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$19,900	0.30%	\$19,900	0.30%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,555,090</b>	<b>23.19%</b>	<b>\$1,555,090</b>	<b>23.19%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$5,150,546</u>	<u>76.81%</u>	<u>\$5,150,546</u>	<u>76.81%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$2,896,481	43.19%	\$2,896,481	43.19%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$2,896,481</b>	<b>43.19%</b>	<b>\$2,896,481</b>	<b>43.19%</b>
Non-DBE Certified Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$3,809,155</u>	<u>56.81%</u>	<u>\$3,809,155</u>	<u>56.81%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-9  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FHWA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$19,670	79.73%	\$0	0.00%	\$0	0.00%	\$19,670	37.04%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$28,432	100.00%	\$0	0.00%	\$28,432	53.54%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$5,000	20.27%	\$0	0.00%	\$0	0.00%	\$5,000	9.42%
<b>Total M/W/DBE Firms</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$19,670	79.73%	\$0	0.00%	\$0	0.00%	\$19,670	37.04%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$28,432	100.00%	\$0	0.00%	\$28,432	53.54%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$5,000	20.27%	\$0	0.00%	\$0	0.00%	\$5,000	9.42%
<b>Total DBE Certified Firms</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-9.A  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FHWA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$657,632	100.00%	\$0	0.00%	\$0	0.00%	\$657,632	100.00%
<b>Total M/W/DBE Firms</b>	<b>\$657,632</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$657,632</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$620,023	94.28%	\$0	0.00%	\$0	0.00%	\$620,023	94.28%
<b>Total DBE Certified Firms</b>	<b>\$620,023</b>	<b>94.28%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$620,023</b>	<b>94.28%</b>
Non-DBE Certified Firms	<u>\$37,609</u>	<u>5.72%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$37,609</u>	<u>5.72%</u>
<b>TOTAL</b>	<b>\$657,632</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-10  
UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY REGION  
AND BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$20,610	100.00%	\$0	0.00%	\$20,610	66.36%
Nonminority Women	\$10,450	100.00%	\$0	0.00%	\$0	0.00%	\$10,450	33.64%
<b>Total M/W/DBE Firms</b>	<b>\$10,450</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$10,450</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$20,610	100.00%	\$0	0.00%	\$20,610	66.36%
Nonminority Women	\$10,450	100.00%	\$0	0.00%	\$0	0.00%	\$10,450	33.64%
<b>Total DBE Certified Firms</b>	<b>\$10,450</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$10,450</b>	<b>100.00%</b>	<b>\$20,610</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-10.A  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$14,301	100.00%	\$0	0.00%	\$104,985	100.00%	\$119,286	100.00%
<b>Total M/W/DBE Firms</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>100.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>100.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$14,301	100.00%	\$0	0.00%	\$104,985	100.00%	\$119,286	100.00%
<b>Total DBE Certified Firms</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>100.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
Non-DBE Certified Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$104,985</b>	<b>100.00%</b>	<b>\$119,286</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).



CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-11  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

AELS FTA-funded subcontract dollars were not reported for the study period.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-12  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$43,900	100.00%	\$43,900	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>	<b>\$43,900</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$43,900	100.00%	\$43,900	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>	<b>\$43,900</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4G](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-13  
 UTILIZATION ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$121,911	0.67%	\$36,689	0.27%	\$0	0.00%	\$158,600	0.13%
Alaska Native Corporations	\$0	0.00%	\$4,152,345	8.51%	\$70,000	0.38%	\$88,630	0.65%	\$0	0.00%	\$4,310,975	3.54%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$2,144,000	10.89%	\$3,371,693	6.91%	\$2,403,026	13.20%	\$2,452,271	18.07%	\$2,865,580	13.34%	\$13,236,570	10.87%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$17,142	0.13%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$242,774	1.23%	\$21,000	0.04%	\$131,169	0.72%	\$595,887	4.39%	\$327,083	1.52%	\$1,317,912	1.08%
Nonminority Women	\$2,805,460	14.25%	\$3,706,932	7.60%	\$282,870	1.55%	\$419,281	3.09%	\$2,403,830	11.19%	\$9,618,374	7.90%
<b>Total M/W/DBE Firms</b>	<b>\$5,192,234</b>	<b>26.38%</b>	<b>\$11,251,970</b>	<b>23.05%</b>	<b>\$3,008,976</b>	<b>16.52%</b>	<b>\$3,609,899</b>	<b>26.60%</b>	<b>\$5,596,493</b>	<b>26.06%</b>	<b>\$28,659,572</b>	<b>23.54%</b>
Non-M/W/DBE Firms	<u>\$14,493,034</u>	<u>73.62%</u>	<u>\$37,553,956</u>	<u>76.95%</u>	<u>\$15,201,949</u>	<u>83.48%</u>	<u>\$9,959,766</u>	<u>73.40%</u>	<u>\$15,877,041</u>	<u>73.94%</u>	<u>\$93,085,747</u>	<u>76.46%</u>
<b>TOTAL</b>	<b>\$19,685,268</b>	<b>100.00%</b>	<b>\$48,805,926</b>	<b>100.00%</b>	<b>\$18,210,925</b>	<b>100.00%</b>	<b>\$13,569,665</b>	<b>100.00%</b>	<b>\$21,473,534</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$121,911	0.67%	\$36,689	0.27%	\$0	0.00%	\$158,600	0.13%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$895,500	4.92%	\$88,630	0.65%	\$0	0.00%	\$984,130	0.81%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$2,144,000	10.89%	\$2,924,693	5.99%	\$2,324,426	12.76%	\$2,339,471	17.24%	\$2,547,680	11.86%	\$12,280,270	10.09%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$17,142	0.13%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$192,815	0.98%	\$21,000	0.04%	\$3,233	0.02%	\$595,887	4.39%	\$327,083	1.52%	\$1,140,017	0.94%
Nonminority Women	\$1,795,218	9.12%	\$1,566,743	3.21%	\$228,165	1.25%	\$264,781	1.95%	\$2,255,830	10.51%	\$6,110,738	5.02%
<b>Total DBE Certified Firms</b>	<b>\$4,132,033</b>	<b>20.99%</b>	<b>\$4,512,436</b>	<b>9.25%</b>	<b>\$3,573,235</b>	<b>19.62%</b>	<b>\$3,342,599</b>	<b>24.63%</b>	<b>\$5,130,593</b>	<b>23.89%</b>	<b>\$20,690,896</b>	<b>17.00%</b>
Non-DBE Certified Firms	<u>\$15,553,235</u>	<u>79.01%</u>	<u>\$44,293,490</u>	<u>90.75%</u>	<u>\$14,637,690</u>	<u>80.38%</u>	<u>\$10,227,066</u>	<u>75.37%</u>	<u>\$16,342,941</u>	<u>76.11%</u>	<u>\$101,054,423</u>	<u>83.00%</u>
<b>TOTAL</b>	<b>\$19,685,268</b>	<b>100.00%</b>	<b>\$48,805,926</b>	<b>100.00%</b>	<b>\$18,210,925</b>	<b>100.00%</b>	<b>\$13,569,665</b>	<b>100.00%</b>	<b>\$21,473,534</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

EXHIBIT A-14  
 UTILIZATION ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$30,000	1.58%	\$1,505,190	31.32%	\$1,535,190	22.89%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$19,900	0.41%	\$19,900	0.30%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$30,000</b>	<b>1.58%</b>	<b>\$1,525,090</b>	<b>31.73%</b>	<b>\$1,555,090</b>	<b>23.19%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,869,666	98.42%	\$3,280,880	68.27%	\$5,150,546	76.81%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,899,666</b>	<b>100.00%</b>	<b>\$4,805,970</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,391,291	73.24%	\$1,505,190	31.32%	\$2,896,481	43.19%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,391,291</b>	<b>73.24%</b>	<b>\$1,505,190</b>	<b>31.32%</b>	<b>\$2,896,481</b>	<b>43.19%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$508,375	26.76%	\$3,300,780	68.68%	\$3,809,155	56.81%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,899,666</b>	<b>100.00%</b>	<b>\$4,805,970</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

EXHIBIT A-15  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FHWA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$19,670	79.73%	\$0	79.73%	\$0	0.00%	\$0	0.00%	\$19,670	23.37%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$28,432	0.00%	\$0	0.00%	\$0	0.00%	\$28,432	33.78%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	100.00%	\$0	0.00%	\$0	24.49%
Nonminority Women	\$0	0.00%	\$5,000	20.27%	\$0	20.27%	\$0	0.00%	\$0	0.00%	\$5,000	18.36%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$19,670	79.73%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$19,670	37.04%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$28,432	100.00%	\$0	0.00%	\$0	0.00%	\$28,432	53.54%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$5,000	20.27%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$5,000	9.42%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,670</b>	<b>100.00%</b>	<b>\$28,432</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$53,102</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

EXHIBIT A-15.A  
UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
AND BUSINESS OWNERSHIP CLASSIFICATION  
FUNDING MODAL: FHWA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$537,740	100.00%	\$38,609	100.00%	\$36,689	100.00%	\$44,594	100.00%	\$0	0.00%	\$657,632	100.00%
<b>Total M/W/DBE Firms</b>	<b>\$537,740</b>	<b>100.00%</b>	<b>\$38,609</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$44,594</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$537,740</b>	<b>100.00%</b>	<b>\$38,609</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$44,594</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$537,740	100.00%	\$1,000	2.59%	\$36,689	100.00%	\$44,594	100.00%	\$0	0.00%	\$620,023	94.28%
<b>Total DBE Certified Firms</b>	<b>\$537,740</b>	<b>100.00%</b>	<b>\$1,000</b>	<b>2.59%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$44,594</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$620,023</b>	<b>94.28%</b>
Non-DBE Certified Firms	\$0	0.00%	\$37,609	97.41%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$37,609	5.72%
<b>TOTAL</b>	<b>\$537,740</b>	<b>100.00%</b>	<b>\$38,609</b>	<b>100.00%</b>	<b>\$36,689</b>	<b>100.00%</b>	<b>\$44,594</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$657,632</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

EXHIBIT A-16  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$20,610	66.36%	\$0	0.00%	\$20,610	66.36%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$10,450	33.64%	\$0	0.00%	\$10,450	33.64%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$20,610	66.36%	\$0	0.00%	\$20,610	66.36%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$10,450	33.64%	\$0	0.00%	\$10,450	33.64%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$31,060</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

EXHIBIT A-16.A  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$32,500	100.00%	\$72,485	100.00%	\$0	0.00%	\$14,301	100.00%	\$0	0.00%	\$119,286	100.00%
<b>Total M/W/DBE Firms</b>	<b>\$32,500</b>	<b>100.00%</b>	<b>\$72,485</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$32,500</b>	<b>100.00%</b>	<b>\$72,485</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$32,500	100.00%	\$72,485	100.00%	\$0	0.00%	\$14,301	100.00%	\$0	0.00%	\$119,286	100.00%
<b>Total DBE Certified Firms</b>	<b>\$32,500</b>	<b>100.00%</b>	<b>\$72,485</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$119,286</b>	<b>100.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$32,500</b>	<b>100.00%</b>	<b>\$72,485</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$14,301</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$119,286</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).



EXHIBIT A-17  
 UTILIZATION ANALYSIS OF AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

AELS FTA-funded subcontract dollars were not reported for the study period.

EXHIBIT A-18  
 UTILIZATION ANALYSIS OF NON-AELS SUBCONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$43,900	100.00%	\$0	0.00%	\$43,900	100.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$43,900	100.00%	\$0	0.00%	\$43,900	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$43,900</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4H](#).

**UTILIZATION ANALYSES OF PRIME CONTRACTORS/ PRIME CONSULTANTS**

EXHIBIT A-19  
 UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$5,673,815	1.23%	\$9,770,261	4.55%	\$0	0.00%	\$15,444,076	1.95%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$2,073,000	0.45%	\$0	0.00%	\$0	0.00%	\$2,073,000	0.26%
Asian Indian/Pacific Islanders	\$0	0.00%	\$1,687,453	0.79%	\$0	0.00%	\$1,687,453	0.21%
Hispanic Americans	\$0	0.00%	\$25,648,468	11.95%	\$4,289,000	3.72%	\$29,937,468	3.78%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$638,700	0.55%	\$638,700	0.08%
<b>Total M/W/DBE Firms</b>	<b>\$7,746,815</b>	<b>1.67%</b>	<b>\$37,106,181</b>	<b>17.29%</b>	<b>\$4,927,700</b>	<b>4.27%</b>	<b>\$49,780,696</b>	<b>6.28%</b>
Non-M/W/DBE Firms	<u>\$455,314,141</u>	<u>98.33%</u>	<u>\$177,458,974</u>	<u>82.71%</u>	<u>\$110,479,855</u>	<u>95.73%</u>	<u>\$743,252,970</u>	<u>93.72%</u>
<b>TOTAL</b>	<b>\$463,060,956</b>	<b>100.00%</b>	<b>\$214,565,155</b>	<b>100.00%</b>	<b>\$115,407,555</b>	<b>100.00%</b>	<b>\$793,033,666</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$5,448,815	1.18%	\$0	0.00%	\$0	0.00%	\$5,448,815	0.69%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$5,448,815</b>	<b>1.18%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$5,448,815</b>	<b>0.69%</b>
Non-DBE Certified Firms	<u>\$457,612,141</u>	<u>98.82%</u>	<u>\$214,565,155</u>	<u>100.00%</u>	<u>\$115,407,555</u>	<u>100.00%</u>	<u>\$787,584,851</u>	<u>99.31%</u>
<b>TOTAL</b>	<b>\$463,060,956</b>	<b>100.00%</b>	<b>\$214,565,155</b>	<b>100.00%</b>	<b>\$115,407,555</b>	<b>100.00%</b>	<b>\$793,033,666</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4L](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-20  
 UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$3,127,459	17.61%	\$3,127,459	17.61%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$3,127,459</b>	<b>17.61%</b>	<b>\$3,127,459</b>	<b>17.61%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$14,636,124	82.39%	\$14,636,124	82.39%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$17,763,582	100.00%	\$17,763,582	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4L](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-21  
 UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$5,448,815	3.39%	\$225,000	0.14%	\$9,770,261	6.08%	\$15,444,076	1.95%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$2,073,000	1.45%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$2,073,000	0.26%
Asian Indian/Pacific Islanders	\$0	0.00%	\$1,687,453	1.04%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,687,453	0.21%
Hispanic Americans	\$4,289,000	2.99%	\$14,398,468	8.87%	\$11,250,000	6.99%	\$0	0.00%	\$0	0.00%	\$29,937,468	3.78%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$224,000	0.14%	\$414,700	0.26%	\$638,700	0.08%
<b>Total M/W/DBE Firms</b>	<b>\$6,362,000</b>	<b>4.44%</b>	<b>\$16,085,921</b>	<b>9.90%</b>	<b>\$16,698,815</b>	<b>10.38%</b>	<b>\$449,000</b>	<b>0.27%</b>	<b>\$10,184,961</b>	<b>6.34%</b>	<b>\$49,780,696</b>	<b>6.28%</b>
Non-M/W/DBE Firms	<u>\$137,013,572</u>	<u>95.56%</u>	<u>\$146,322,112</u>	<u>90.10%</u>	<u>\$144,237,429</u>	<u>89.62%</u>	<u>\$165,196,131</u>	<u>99.73%</u>	<u>\$150,483,726</u>	<u>93.66%</u>	<u>\$743,252,970</u>	<u>93.72%</u>
<b>TOTAL</b>	<b>\$143,375,572</b>	<b>100.00%</b>	<b>\$162,408,032</b>	<b>100.00%</b>	<b>\$160,936,244</b>	<b>100.00%</b>	<b>\$165,645,131</b>	<b>100.00%</b>	<b>\$160,668,686</b>	<b>100.00%</b>	<b>\$793,033,666</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$5,448,815	3.39%	\$0	0.00%	\$0	0.00%	\$5,448,815	0.69%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$5,448,815</b>	<b>3.39%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$5,448,815</b>	<b>0.69%</b>
Non-DBE Certified Firms	<u>\$143,375,572</u>	<u>100.00%</u>	<u>\$162,408,032</u>	<u>100.00%</u>	<u>\$155,487,429</u>	<u>96.61%</u>	<u>\$165,645,131</u>	<u>100.00%</u>	<u>\$160,668,686</u>	<u>100.00%</u>	<u>\$787,584,851</u>	<u>99.31%</u>
<b>TOTAL</b>	<b>\$143,375,572</b>	<b>100.00%</b>	<b>\$162,408,032</b>	<b>100.00%</b>	<b>\$160,936,244</b>	<b>100.00%</b>	<b>\$165,645,131</b>	<b>100.00%</b>	<b>\$160,668,686</b>	<b>100.00%</b>	<b>\$793,033,666</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4M](#).

EXHIBIT A-22  
 UTILIZATION ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$3,127,459	33.83%	\$0	0.00%	\$3,127,459	17.61%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$3,127,459</b>	<b>33.83%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$3,127,459</b>	<b>17.61%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$6,116,315	66.17%	\$8,519,809	100.00%	\$14,636,124	82.39%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$9,243,774</b>	<b>100.00%</b>	<b>\$8,519,809</b>	<b>100.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	33.83%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	33.83%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>66.17%</b>	<b>\$0</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$9,243,774	100.00%	\$8,519,809	100.00%	\$17,763,582	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$9,243,774</b>	<b>0.00%</b>	<b>\$8,519,809</b>	<b>0.00%</b>	<b>\$17,763,582</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4M](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-23  
 UTILIZATION ANALYSIS OF AELS PRIME CONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$109,160	1.38%	\$0	0.00%	\$109,160	0.44%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$109,160</b>	<b>1.38%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$109,160</b>	<b>0.44%</b>
Non-M/W/DBE Firms	<u>\$15,908,252</u>	<u>100.00%</u>	<u>\$7,827,506</u>	<u>98.62%</u>	<u>\$1,013,359</u>	<u>100.00%</u>	<u>\$24,749,117</u>	<u>99.56%</u>
<b>TOTAL</b>	<b>\$15,908,252</b>	<b>100.00%</b>	<b>\$7,936,666</b>	<b>100.00%</b>	<b>\$1,013,359</b>	<b>100.00%</b>	<b>\$24,858,277</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$15,908,252</u>	<u>100.00%</u>	<u>\$7,936,666</u>	<u>100.00%</u>	<u>\$1,013,359</u>	<u>100.00%</u>	<u>\$24,858,277</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$15,908,252</b>	<b>100.00%</b>	<b>\$7,936,666</b>	<b>100.00%</b>	<b>\$1,013,359</b>	<b>100.00%</b>	<b>\$24,858,277</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4P](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-24  
 UTILIZATION ANALYSIS OF AELS PRIME CONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	\$0	0.00%	\$0	0.00%	\$1,635,681	100.00%	\$1,635,681	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	\$0	0.00%	\$0	0.00%	\$1,635,681	100.00%	\$1,635,681	100.00%
<b>TOTAL</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4P](#).



EXHIBIT A-25  
 UTILIZATION ANALYSIS OF AELS PRIME CONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$109,160	3.29%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$109,160	0.44%
<b>Total M/W/DBE Firms</b>	<b>\$109,160</b>	<b>3.29%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$109,160</b>	<b>0.44%</b>
Non-M/W/DBE Firms	<u>\$3,209,769</u>	<u>96.71%</u>	<u>\$4,300,281</u>	<u>100.00%</u>	<u>\$5,476,448</u>	<u>100.00%</u>	<u>\$6,617,644</u>	<u>100.00%</u>	<u>\$5,144,975</u>	<u>100.00%</u>	<u>\$24,749,117</u>	<u>99.56%</u>
<b>TOTAL</b>	<b>\$3,318,929</b>	<b>100.00%</b>	<b>\$4,300,281</b>	<b>100.00%</b>	<b>\$5,476,448</b>	<b>100.00%</b>	<b>\$6,617,644</b>	<b>100.00%</b>	<b>\$5,144,975</b>	<b>100.00%</b>	<b>\$24,858,277</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$3,318,929</u>	<u>100.00%</u>	<u>\$4,300,281</u>	<u>100.00%</u>	<u>\$5,476,448</u>	<u>100.00%</u>	<u>\$6,617,644</u>	<u>100.00%</u>	<u>\$5,144,975</u>	<u>100.00%</u>	<u>\$24,749,117</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$3,318,929</b>	<b>100.00%</b>	<b>\$4,300,281</b>	<b>100.00%</b>	<b>\$5,476,448</b>	<b>100.00%</b>	<b>\$6,617,644</b>	<b>100.00%</b>	<b>\$5,144,975</b>	<b>100.00%</b>	<b>\$24,749,117</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4Q](#).

EXHIBIT A-26  
 UTILIZATION ANALYSIS OF AELS PRIME CONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$220,231</u>	<u>100.00%</u>	<u>\$195,273</u>	<u>100.00%</u>	<u>\$725,187</u>	<u>100.00%</u>	<u>\$494,990</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,635,681</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$220,231</b>	<b>100.00%</b>	<b>\$195,273</b>	<b>100.00%</b>	<b>\$725,187</b>	<b>100.00%</b>	<b>\$494,990</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$220,231</u>	<u>100.00%</u>	<u>\$195,273</u>	<u>100.00%</u>	<u>\$725,187</u>	<u>100.00%</u>	<u>\$494,990</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,635,681</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$220,231</b>	<b>100.00%</b>	<b>\$195,273</b>	<b>100.00%</b>	<b>\$725,187</b>	<b>100.00%</b>	<b>\$494,990</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,635,681</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4Q](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-27  
 UTILIZATION ANALYSIS OF NON-AELS PRIME CONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$12,047,367</u>	<u>100.00%</u>	<u>\$57,400</u>	<u>100.00%</u>	<u>\$1,796,211</u>	<u>100.00%</u>	<u>\$13,900,978</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$12,047,367</b>	<b>100.00%</b>	<b>\$57,400</b>	<b>100.00%</b>	<b>\$1,796,211</b>	<b>100.00%</b>	<b>\$13,900,978</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$12,047,367</u>	<u>100.00%</u>	<u>\$57,400</u>	<u>100.00%</u>	<u>\$1,796,211</u>	<u>100.00%</u>	<u>\$13,900,978</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$12,047,367</b>	<b>100.00%</b>	<b>\$57,400</b>	<b>100.00%</b>	<b>\$1,796,211</b>	<b>100.00%</b>	<b>\$13,900,978</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4T](#).

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-28  
 UTILIZATION ANALYSIS OF NON-AELS PRIME CONSULTANTS BY REGION  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	CENTRAL REGION		NORTHERN REGION		SOUTHEAST REGION		STATEWIDE, TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$59,100</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,096,251</u>	<u>100.00%</u>	<u>\$1,155,351</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$59,100</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,096,251</b>	<b>100.00%</b>	<b>\$1,155,351</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>								
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$59,100</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,096,251</u>	<u>100.00%</u>	<u>\$1,155,351</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$59,100</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,096,251</b>	<b>100.00%</b>	<b>\$1,155,351</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4T](#).

EXHIBIT A-29  
 UTILIZATION ANALYSIS OF NON-AELS PRIME CONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$839,836</u>	100.00%	<u>\$3,863,699</u>	100.00%	<u>\$1,885,890</u>	100.00%	<u>\$7,220,403</u>	100.00%	<u>\$91,150</u>	100.00%	<u>\$13,900,978</u>	100.00%
<b>TOTAL</b>	<b>\$839,836</b>	<b>100.00%</b>	<b>\$3,863,699</b>	<b>100.00%</b>	<b>\$1,885,890</b>	<b>100.00%</b>	<b>\$7,220,403</b>	<b>100.00%</b>	<b>\$91,150</b>	<b>100.00%</b>	<b>\$13,900,978</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$839,836</u>	100.00%	<u>\$3,863,699</u>	100.00%	<u>\$1,885,890</u>	100.00%	<u>\$7,220,403</u>	100.00%	<u>\$91,150</u>	100.00%	<u>\$13,900,978</u>	100.00%
<b>TOTAL</b>	<b>\$839,836</b>	<b>100.00%</b>	<b>\$3,863,699</b>	<b>100.00%</b>	<b>\$1,885,890</b>	<b>100.00%</b>	<b>\$7,220,403</b>	<b>100.00%</b>	<b>\$91,150</b>	<b>100.00%</b>	<b>\$13,900,978</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4U](#).

EXHIBIT A-30  
 UTILIZATION ANALYSIS OF NON-AELS PRIME CONSULTANTS BY FEDERAL FISCAL YEAR  
 AND BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	2007		2008		2009		2010		2011		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total M/W/DBE Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-M/W/DBE Firms	<u>\$1,096,251</u>	<u>100.00%</u>	<u>\$59,100</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,155,351</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$1,096,251</b>	<b>100.00%</b>	<b>\$59,100</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,155,351</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>												
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>
Non-DBE Certified Firms	<u>\$1,096,251</u>	<u>100.00%</u>	<u>\$59,100</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$1,155,351</u>	<u>100.00%</u>
<b>TOTAL</b>	<b>\$1,096,251</b>	<b>100.00%</b>	<b>\$59,100</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,155,351</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4U](#).

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

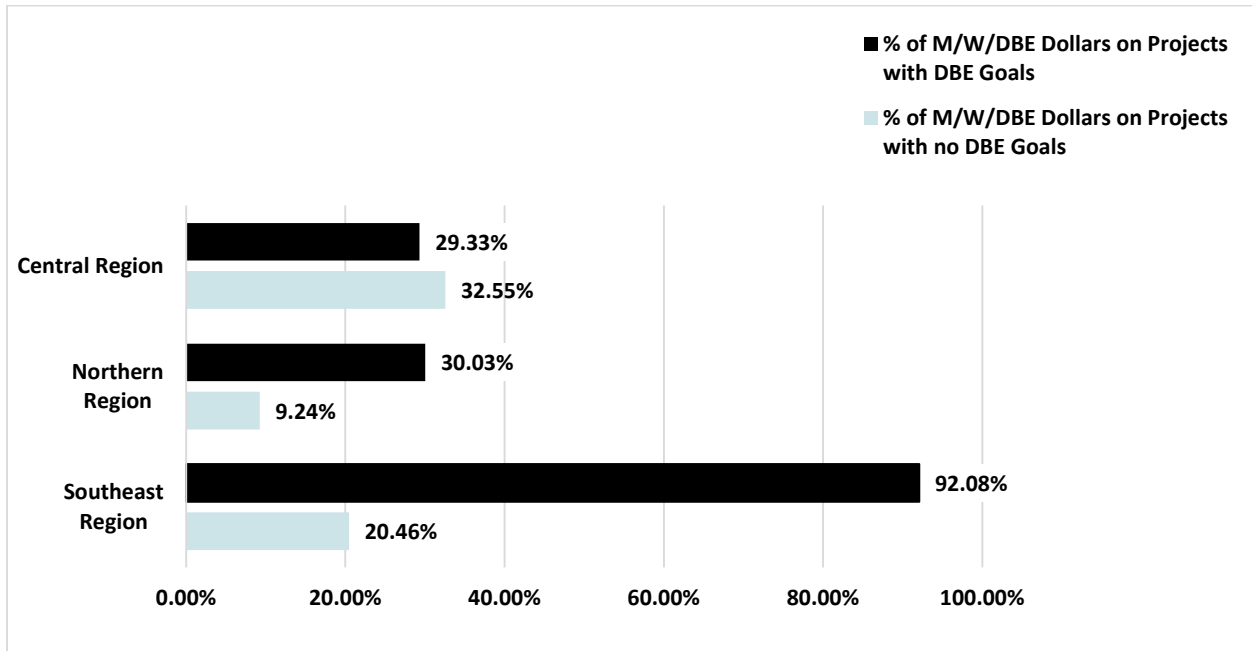
EXHIBIT A-31  
 NON-GOAL ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
 BY BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FAA

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>						
African Americans	\$36,689	0.14%	\$121,911	0.13%	\$158,600	0.13%
Alaska Native Corporations	\$88,630	0.33%	\$4,222,345	4.44%	\$4,310,975	3.54%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$5,149,851	19.34%	\$8,086,719	8.50%	\$13,236,570	10.87%
Asian Indian/Pacific Islanders	\$17,142	0.06%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$922,969	3.47%	\$394,943	0.42%	\$1,317,912	1.08%
Nonminority Women	\$2,485,830	9.33%	\$7,132,544	7.50%	\$9,618,374	7.90%
<b>Total M/W/DBE Firms</b>	<b>\$8,701,111</b>	<b>32.67%</b>	<b>\$19,958,461</b>	<b>20.98%</b>	<b>\$28,659,572</b>	<b>23.54%</b>
Non-M/W/DBE Firms	<u>\$17,932,199</u>	<u>67.33%</u>	<u>\$75,153,548</u>	<u>79.02%</u>	<u>\$93,085,747</u>	<u>76.46%</u>
<b>TOTAL</b>	<b>\$26,633,310</b>	<b>100.00%</b>	<b>\$95,112,009</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>						
African Americans	\$36,689	0.14%	\$121,911	0.13%	\$158,600	0.13%
Alaska Native Corporations	\$88,630	0.33%	\$0	0.00%	\$88,630	0.07%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$4,719,151	17.72%	\$7,561,119	7.95%	\$12,280,270	10.09%
Asian Indian/Pacific Islanders	\$17,142	0.06%	\$0	0.00%	\$17,142	0.01%
Hispanic Americans	\$922,969	3.47%	\$217,048	0.23%	\$1,140,017	0.94%
Nonminority Women	\$2,337,830	8.78%	\$3,772,907	3.97%	\$6,110,738	5.02%
<b>Total DBE Certified Firms</b>	<b>\$8,122,411</b>	<b>30.50%</b>	<b>\$11,672,985</b>	<b>12.27%</b>	<b>\$19,795,396</b>	<b>16.26%</b>
Non-DBE Certified Firms	<u>\$18,510,899</u>	<u>69.50%</u>	<u>\$83,439,024</u>	<u>87.73%</u>	<u>\$101,949,923</u>	<u>83.74%</u>
<b>TOTAL</b>	<b>\$26,633,310</b>	<b>100.00%</b>	<b>\$95,112,009</b>	<b>100.00%</b>	<b>\$121,745,319</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4Y](#).

EXHIBIT A-32  
NON-GOAL ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
BY REGION  
FUNDING MODAL: FAA



Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV](#), [Exhibit 4X](#) and [Exhibit 4Y](#).



## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

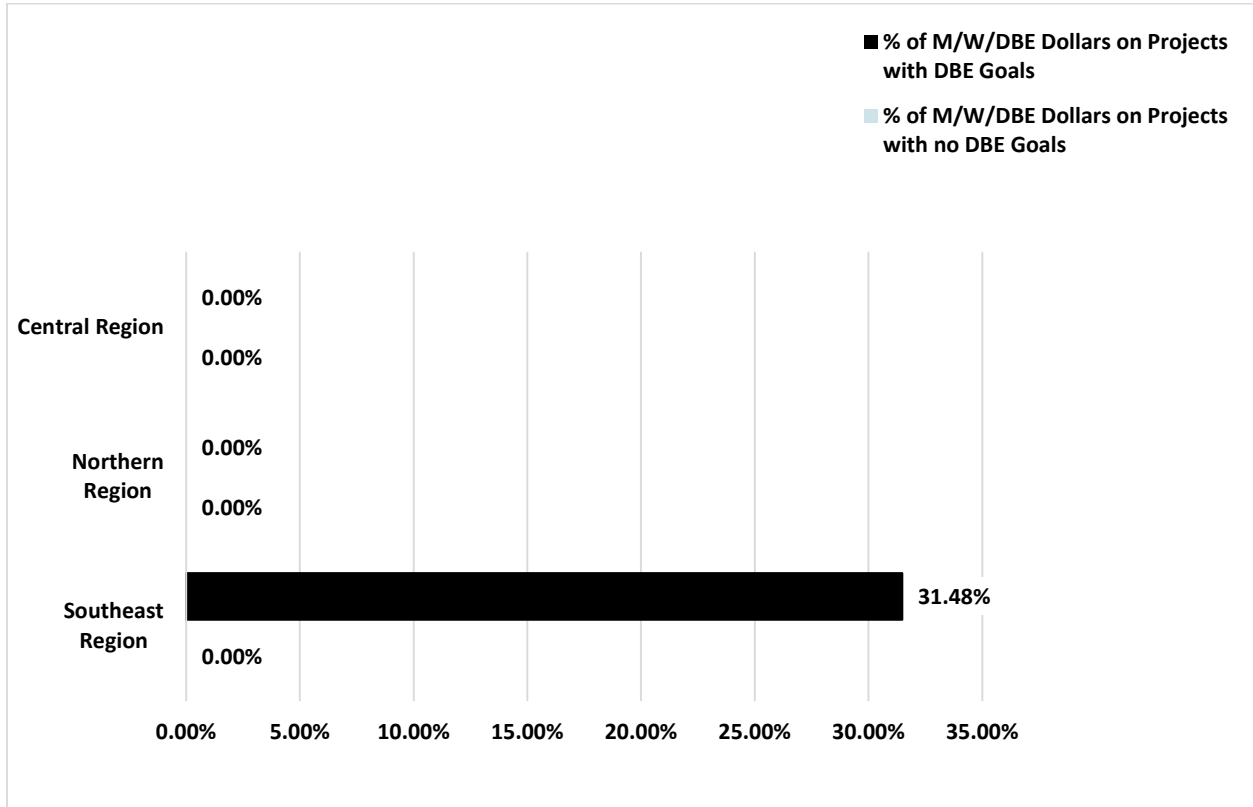
EXHIBIT A-33  
 NON-GOAL ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
 BY BUSINESS OWNERSHIP CLASSIFICATION  
 FUNDING MODAL: FTA

BUSINESS OWNERSHIP CLASSIFICATION	DBE GOALS ASSIGNED		DBE GOALS NOT ASSIGNED		TOTAL	
	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>						
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$1,535,190	31.08%	\$0	0.00%	\$1,535,190	22.89%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$19,900	0.40%	\$0	0.00%	\$19,900	0.30%
<b>Total M/W/DBE Firms</b>	<b>\$1,555,090</b>	<b>31.48%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,555,090</b>	<b>23.19%</b>
Non-M/W/DBE Firms	<u>\$3,384,380</u>	<u>68.52%</u>	<u>\$1,766,166</u>	<u>100.00%</u>	<u>\$5,150,546</u>	<u>76.81%</u>
<b>TOTAL</b>	<b>\$4,939,470</b>	<b>100.00%</b>	<b>\$1,766,166</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>						
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$1,535,190	31.08%	\$0	0.00%	\$1,535,190	22.89%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$0	0.00%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$0	0.00%
<b>Total DBE Certified Firms</b>	<b>\$1,535,190</b>	<b>31.08%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$1,535,190</b>	<b>22.89%</b>
Non-DBE Certified Firms	<u>\$3,404,280</u>	<u>68.92%</u>	<u>\$1,766,166</u>	<u>100.00%</u>	<u>\$5,170,446</u>	<u>77.11%</u>
<b>TOTAL</b>	<b>\$4,939,470</b>	<b>100.00%</b>	<b>\$1,766,166</b>	<b>100.00%</b>	<b>\$6,705,636</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4Y](#).

EXHIBIT A-34  
 NON-GOAL ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
 BY REGION  
 FUNDING MODAL: FTA



Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

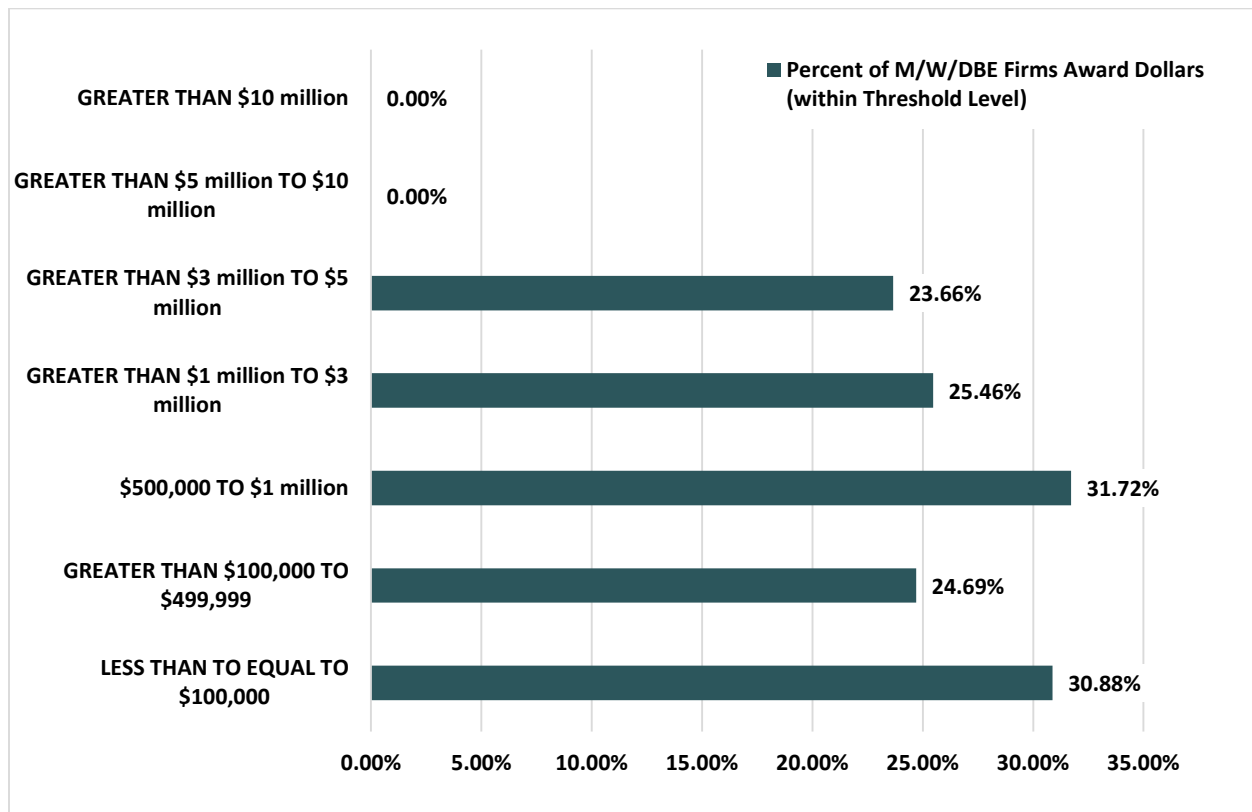
Note: Corresponding exhibit is presented in [Chapter IV, Exhibit 4Y](#).

**THRESHOLD ANALYSES**

MGT staff also analyzed the utilization of firms by examining projects in specific dollar ranges (threshold levels). The ranges for the thresholds (or size of contract) were:

- ◆ Less than or equal to \$100,000.
- ◆ Greater than \$100,000 to \$499,999.
- ◆ \$500,000 to \$1 million.
- ◆ Greater than \$1 million to \$3 million.
- ◆ Greater than \$3 million to \$5 million.
- ◆ Greater than \$5 million to \$10 million.
- ◆ Greater than \$10 million.

EXHIBIT A-35  
THRESHOLD SUMMARY ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
FUNDING MODALS: FHWA, FTA, AND FAA COMBINED



Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis, Chapter Definitions](#).

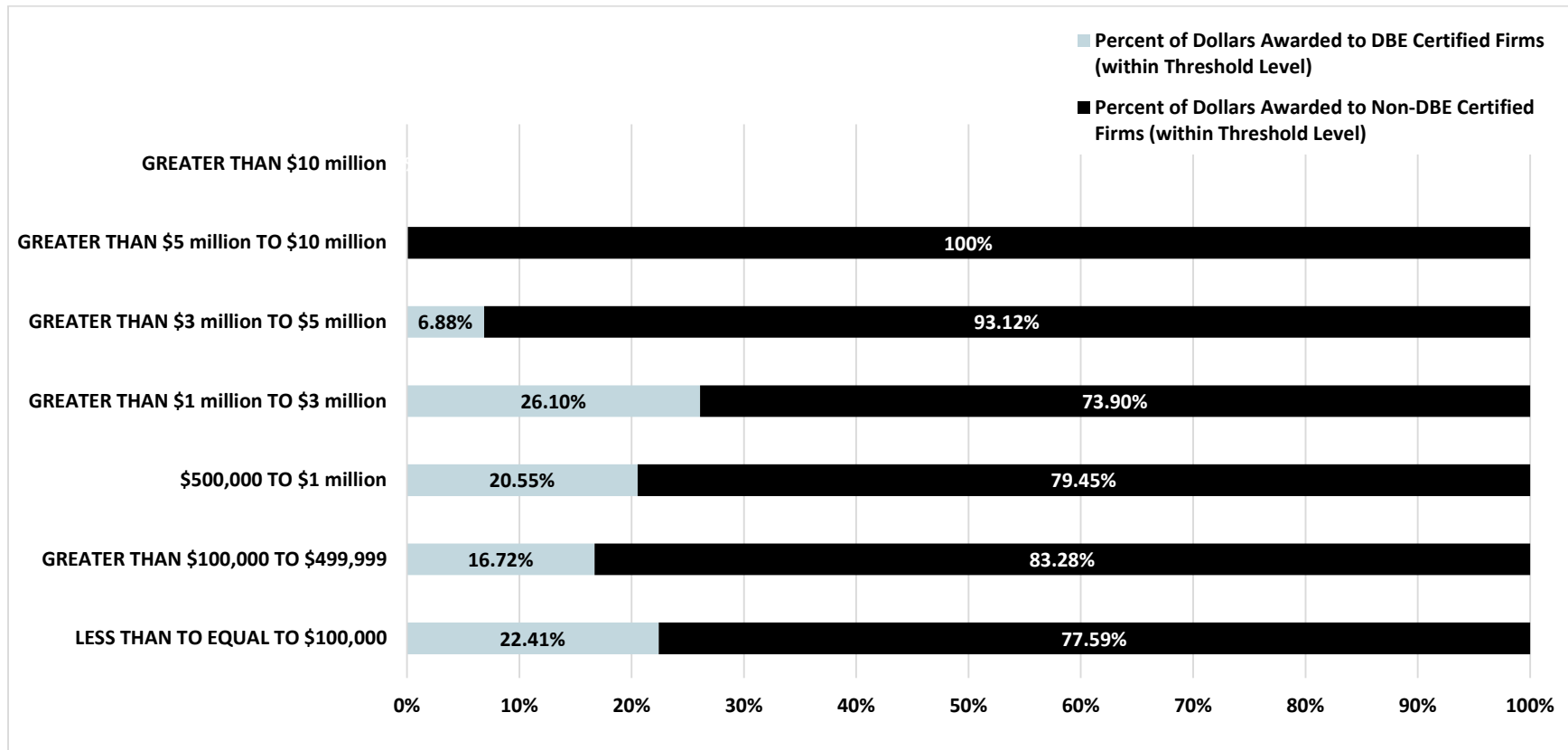
EXHIBIT A-36  
THRESHOLD ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
FUNDING MODALS: FHWA, FTA, AND FAA COMBINED

BUSINESS OWNERSHIP CLASSIFICATION	LESS THAN TO EQUAL TO \$100,000		GREATER THAN \$100,000 TO \$499,999		\$500,000 TO \$1 million		GREATER THAN \$1 million TO \$3 million		GREATER THAN \$3 million TO \$5 million		GREATER THAN \$5 million TO \$10 million		GREATER THAN \$10 million		TOTAL	
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent
<b>M/W/DBE Firms</b>																
African Americans	\$129,041	0.31%	\$259,411	0.25%	\$0	0.00%	\$1,659,805	1.55%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$2,048,256	0.55%
Alaska Native Corporations	\$619,160	1.47%	\$1,285,198	1.23%	\$1,769,750	2.89%	\$1,624,000	1.52%	\$4,152,345	8.88%	\$0	0.00%	\$0	0.00%	\$9,450,453	2.56%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$2,559,704	6.09%	\$6,588,018	6.30%	\$4,944,598	8.08%	\$13,025,565	12.18%	\$3,699,113	7.91%	\$0	0.00%	\$0	0.00%	\$30,816,998	8.34%
Asian Indian/Pacific Islanders	\$17,142	0.04%	\$364,872	0.35%	\$656,050	1.07%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,038,064	0.28%
Hispanic Americans	\$1,989,992	4.74%	\$3,883,762	3.71%	\$1,718,820	2.81%	\$3,507,465	3.28%	\$3,218,382	6.88%	\$0	0.00%	\$0	0.00%	\$14,318,420	3.87%
Nonminority Women	\$7,660,743	18.23%	\$13,453,784	12.86%	\$10,309,667	16.86%	\$7,417,465	6.93%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$38,841,659	10.51%
<b>Total M/W/DBE Firms</b>	<b>\$12,975,781</b>	<b>30.88%</b>	<b>\$25,835,044</b>	<b>24.69%</b>	<b>\$19,398,885</b>	<b>31.72%</b>	<b>\$27,234,299</b>	<b>25.46%</b>	<b>\$11,069,840</b>	<b>23.66%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$96,513,851</b>	<b>26.11%</b>
Non-M/W/DBE Firms	<u>\$29,045,782</u>	<u>69.12%</u>	<u>\$78,786,480</u>	<u>75.31%</u>	<u>\$41,761,240</u>	<u>68.28%</u>	<u>\$79,728,485</u>	<u>74.54%</u>	<u>\$35,716,089</u>	<u>76.34%</u>	<u>\$8,132,830</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$273,170,907</u>	<u>73.89%</u>
<b>TOTAL</b>	<b>\$42,021,564</b>	<b>100.00%</b>	<b>\$104,621,524</b>	<b>100.00%</b>	<b>\$61,160,126</b>	<b>100.00%</b>	<b>\$106,962,784</b>	<b>100.00%</b>	<b>\$46,785,929</b>	<b>100.00%</b>	<b>\$8,132,830</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$369,684,757</b>	<b>100.00%</b>
<b>DBE Certified Firms</b>																
African Americans	\$129,041	0.31%	\$259,411	0.25%	\$0	0.00%	\$1,659,805	1.55%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$2,048,256	0.55%
Alaska Native Corporations	\$159,140	0.38%	\$105,944	0.10%	\$1,666,965	2.73%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,932,049	0.52%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$1,943,641	4.63%	\$5,996,497	5.73%	\$4,290,033	7.01%	\$15,332,383	14.33%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$27,562,554	7.46%
Asian Indian/Pacific Islanders	\$17,142	0.04%	\$364,872	0.35%	\$656,050	1.07%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$1,038,064	0.28%
Hispanic Americans	\$1,131,916	2.69%	\$2,141,243	2.05%	\$1,172,820	1.92%	\$3,507,465	3.28%	\$3,218,382	6.88%	\$0	0.00%	\$0	0.00%	\$11,171,825	3.02%
Nonminority Women	\$6,037,120	14.37%	\$8,619,552	8.24%	\$4,780,071	7.82%	\$7,417,465	6.93%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$26,854,208	7.26%
<b>Total DBE Certified Firms</b>	<b>\$9,417,999</b>	<b>22.41%</b>	<b>\$17,487,519</b>	<b>16.72%</b>	<b>\$12,565,939</b>	<b>20.55%</b>	<b>\$27,917,118</b>	<b>26.10%</b>	<b>\$3,218,382</b>	<b>6.88%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$70,606,957</b>	<b>19.10%</b>
Non-DBE Certified Firms	<u>\$32,603,564</u>	<u>77.59%</u>	<u>\$87,134,005</u>	<u>83.28%</u>	<u>\$48,594,186</u>	<u>79.45%</u>	<u>\$79,045,666</u>	<u>73.90%</u>	<u>\$43,567,547</u>	<u>93.12%</u>	<u>\$8,132,830</u>	<u>100.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$299,077,800</u>	<u>80.90%</u>
<b>TOTAL</b>	<b>\$42,021,564</b>	<b>100.00%</b>	<b>\$104,621,524</b>	<b>100.00%</b>	<b>\$61,160,126</b>	<b>100.00%</b>	<b>\$106,962,784</b>	<b>100.00%</b>	<b>\$46,785,929</b>	<b>100.00%</b>	<b>\$8,132,830</b>	<b>100.00%</b>	<b>\$0</b>	<b>0.00%</b>	<b>\$369,684,757</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis](#), [Chapter Definitions](#).

EXHIBIT A-37  
 THRESHOLD ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
 FUNDING MODALS: FHWA, FTA, AND FAA COMBINED

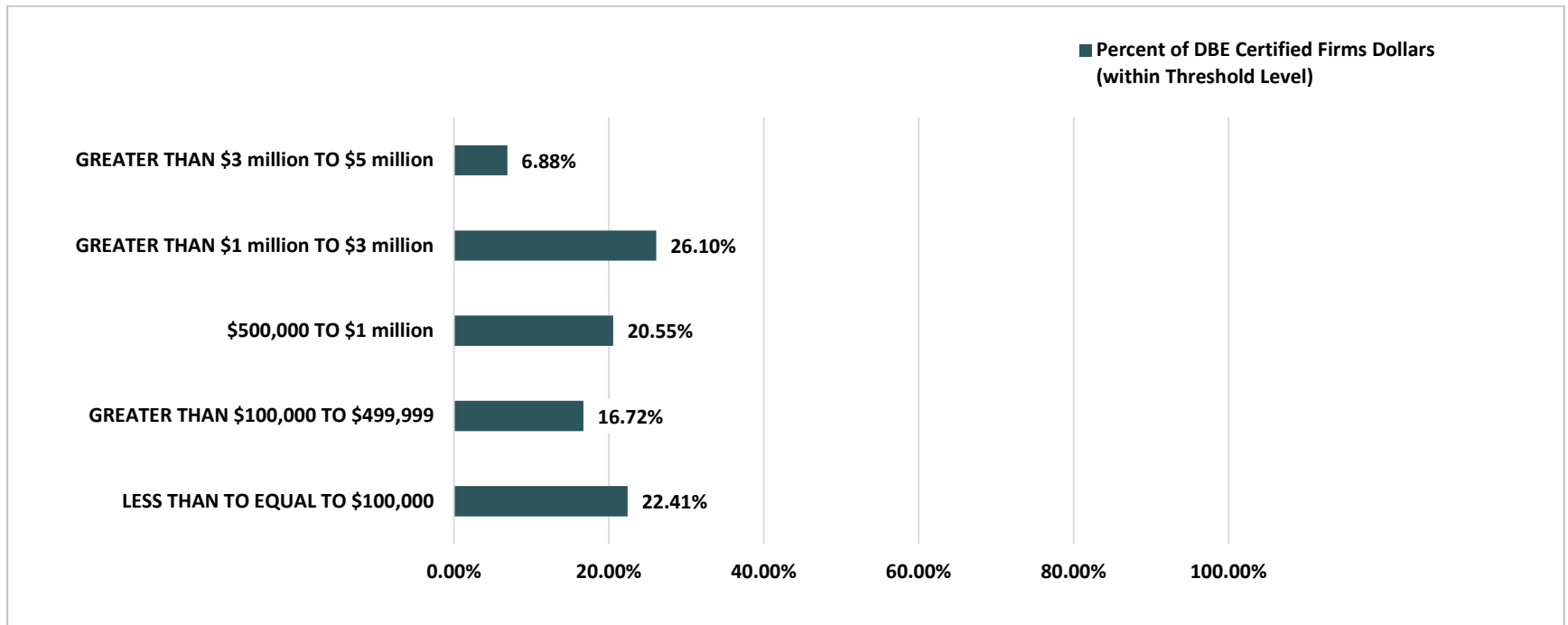


Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis, Chapter Definitions](#).

There were no subcontracts valued greater than \$10 million.

EXHIBIT A-38  
 THRESHOLD ANALYSIS OF CONSTRUCTION SUBCONTRACTOR UTILIZATION  
 FUNDING MODALS: FHWA, FTA, AND FAA COMBINED

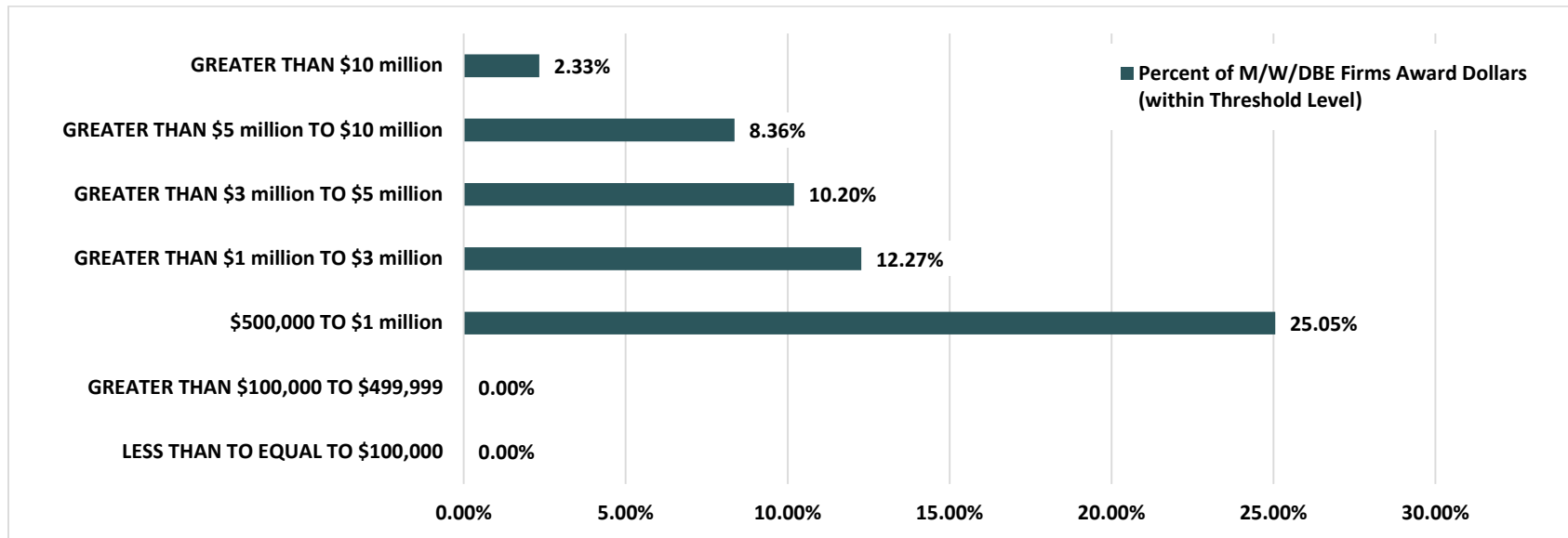


Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis, Chapter Definitions](#).

Subcontracts greater than \$5 million were not awarded to DBE certified firms.

EXHIBIT A-39  
 THRESHOLD SUMMARY ANALYSIS OF CONSTRUCTION PRIME UTILIZATION  
 FUNDING MODALS: FHWA, FTA, AND FAA COMBINED



Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis, Chapter Definitions](#).

EXHIBIT A-40  
THRESHOLD ANALYSIS OF CONSTRUCTION PRIME UTILIZATION  
FUNDING MODALS: FHWA, FTA, AND FAA COMBINED

BUSINESS OWNERSHIP CLASSIFICATION	LESS THAN TO EQUAL TO \$100,000		GREATER THAN \$100,000 TO \$499,999		\$500,000 TO \$1 million		GREATER THAN \$1 million TO \$3 million		GREATER THAN \$3 million TO \$5 million		GREATER THAN \$5 million TO \$10 million		GREATER THAN \$10 million		TOTAL			
	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent	\$	Percent		
<b>M/W/DBE Firms</b>																		
African Americans	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
Alaska Native Corporations	\$0	0.00%	\$0	0.00%	\$225,000	0.58%	\$3,508,542	1.90%	\$0	0.00%	\$15,219,076	3.59%	\$0	0.00%	\$18,952,617	1.00%	\$18,952,617	1.00%
Alaska Tribal Corporations	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%
American Indians/Alaska Natives	\$0	0.00%	\$0	0.00%	\$1,077,696	2.78%	\$9,850,647	5.32%	\$7,772,459	5.26%	\$0	0.00%	\$0	0.00%	\$18,700,801	0.99%	\$18,700,801	0.99%
Asian Indian/Pacific Islanders	\$0	0.00%	\$0	0.00%	\$426,321	1.10%	\$1,687,453	0.91%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$2,113,774	0.11%	\$2,113,774	0.11%
Hispanic Americans	\$0	0.00%	\$0	0.00%	\$3,041,702	7.83%	\$7,657,158	4.14%	\$7,303,506	4.94%	\$20,261,021	4.77%	\$25,648,468	2.33%	\$63,911,854	3.37%	\$63,911,854	3.37%
Nonminority Women	\$0	0.00%	\$0	0.00%	\$4,955,108	12.76%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$4,955,108	0.26%	\$4,955,108	0.26%
<b>Total M/W/DBE Firms</b>	\$0	<b>0.00%</b>	\$0	<b>0.00%</b>	<b>\$9,725,827</b>	<b>25.05%</b>	<b>\$22,703,798</b>	<b>12.27%</b>	<b>\$15,075,964</b>	<b>10.20%</b>	<b>\$35,480,096</b>	<b>8.36%</b>	<b>\$25,648,468</b>	<b>2.33%</b>	<b>\$108,634,154</b>	<b>5.73%</b>	<b>\$108,634,154</b>	<b>5.73%</b>
Non-M/W/DBE Firms	\$1,260	<u>100.00%</u>	\$0	<u>0.00%</u>	<u>\$29,098,131</u>	<u>74.95%</u>	<u>\$162,306,595</u>	<u>87.73%</u>	<u>\$132,721,018</u>	<u>89.80%</u>	<u>\$388,873,993</u>	<u>91.64%</u>	<u>\$1,074,365,625</u>	<u>97.67%</u>	<u>\$1,787,366,623</u>	<u>94.27%</u>	<u>\$1,787,366,623</u>	<u>94.27%</u>
<b>TOTAL</b>	\$1,260	<b>100.00%</b>	\$0	<b>0.00%</b>	<b>\$38,823,958</b>	<b>100.00%</b>	<b>\$185,010,393</b>	<b>100.00%</b>	<b>\$147,796,982</b>	<b>100.00%</b>	<b>\$424,354,090</b>	<b>100.00%</b>	<b>\$1,100,014,093</b>	<b>100.00%</b>	<b>\$1,896,000,777</b>	<b>100.00%</b>	<b>\$1,896,000,777</b>	<b>100.00%</b>

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Referenced in [Chapter IV, Threshold Analysis, Chapter Definitions](#).



EXHIBIT A-41  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, STATEWIDE  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.78%	0.85%	92.30	Underutilization	
	Alaska Native Corporations	2.13%	3.39%	62.76	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	6.65%	5.66%	117.56	Overutilization	
	Asian Indian/Pacific Islanders	0.42%	0.71%	59.84	Underutilization	*
	Hispanic Americans	5.39%	2.83%	190.51	Overutilization	
	Nonminority Women	12.11%	5.37%	225.23	Overutilization	
	<b>Total M/W/DBE Firms</b>	<b>27.48%</b>	<b>18.95%</b>	<b>145.01</b>	<b>Overutilization</b>	
	Non-M/W/DBE Firms	72.52%	81.05%	89.48	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-42  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY REGION  
FUNDING MODAL: FHWA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	1.60%	1.26%	127.02	Overutilization	
	Alaska Native Corporations	3.35%	3.98%	84.01	Underutilization	
	Alaska Tribal Corporations	0.00%	4.40%	0.00	Underutilization	*
	American Indians/Alaska Natives	3.60%	0.63%	572.16	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	3.77%	0.00	Underutilization	*
	Hispanic Americans	5.16%	5.87%	87.89	Underutilization	
	Nonminority Women	12.83%	20.13%	63.74	Underutilization	*
	Total M/W/DBE Firms	26.53%	79.87%	33.21	Underutilization	*
	Non-M/W/DBE Firms	73.47%	100.00%	73.47	Underutilization	*
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	1.31%	3.50%	37.47	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	5.84%	8.39%	69.55	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.70%	0.00	Underutilization	*
	Hispanic Americans	7.65%	0.70%	1093.52	Overutilization	
	Nonminority Women	13.42%	5.59%	239.93	Overutilization	
	Total M/W/DBE Firms	28.22%	18.88%	149.44	Overutilization	
	Non-M/W/DBE Firms	71.78%	81.12%	88.49	Underutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	19.92%	8.05%	247.62	Overutilization	
	Asian Indian/Pacific Islanders	3.12%	1.15%	271.25	Overutilization	
	Hispanic Americans	0.00%	1.15%	0.00	Underutilization	*
	Nonminority Women	5.87%	2.30%	255.35	Overutilization	
	Total M/W/DBE Firms	28.91%	12.64%	228.66	Overutilization	
	Non-M/W/DBE Firms	71.09%	87.36%	81.38	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-43  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, SUMMARY  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION
FHWA	African Americans	92.30	Underutilization
	Alaska Native Corporations	62.76	Underutilization *
	Alaska Tribal Corporations	0.00	Underutilization *
	American Indians/Alaska Natives	117.56	Overutilization
	Asian Indian/Pacific Islanders	59.84	Underutilization *
	Hispanic Americans	190.51	Overutilization
	Nonminority Women	225.23	Overutilization
	Total M/W/DBE Firms	145.01	Overutilization
	Non-M/W/DBE Firms	89.48	Underutilization

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-43.A  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY FEDERAL FISCAL YEAR  
FUNDING MODAL: FHWA

FEDERAL FISCAL YEAR	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
2007	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	2.25%	3.39%	66.42	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	3.54%	5.66%	62.59	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	7.92%	2.83%	280.09	Overutilization	
	Nonminority Women	8.24%	5.37%	153.37	Overutilization	
	Total M/W/DBE Firms	21.96%	18.95%	115.88	Overutilization	
	Non-M/W/DBE Firms	78.04%	81.05%	96.29	Underutilization	
2008	African Americans	0.74%	0.85%	87.29	Underutilization	
	Alaska Native Corporations	3.76%	3.39%	110.80	Overutilization	
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	6.41%	5.66%	113.32	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	3.56%	2.83%	125.84	Overutilization	
	Nonminority Women	9.52%	5.37%	177.16	Overutilization	
	Total M/W/DBE Firms	24.00%	18.95%	126.60	Overutilization	
	Non-M/W/DBE Firms	76.00%	81.05%	93.78	Underutilization	
2009	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.97%	3.39%	28.62	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	14.54%	5.66%	257.07	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	1.60%	2.83%	56.72	Underutilization	*
	Nonminority Women	12.72%	5.37%	236.62	Overutilization	
	Total M/W/DBE Firms	29.84%	18.95%	157.43	Overutilization	
	Non-M/W/DBE Firms	70.16%	81.05%	86.57	Underutilization	
2010	African Americans	3.36%	0.85%	396.00	Overutilization	
	Alaska Native Corporations	1.07%	3.39%	31.46	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	3.49%	5.66%	61.64	Underutilization	*
	Asian Indian/Pacific Islanders	0.73%	0.71%	103.89	Overutilization	
	Hispanic Americans	6.74%	2.83%	238.15	Overutilization	
	Nonminority Women	10.37%	5.37%	192.88	Overutilization	
	Total M/W/DBE Firms	25.76%	18.95%	135.89	Overutilization	
	Non-M/W/DBE Firms	74.24%	81.05%	91.61	Underutilization	
2011	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	3.11%	3.39%	91.61	Underutilization	
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	6.37%	5.66%	112.62	Overutilization	
	Asian Indian/Pacific Islanders	1.26%	0.71%	177.64	Overutilization	
	Hispanic Americans	5.55%	2.83%	196.14	Overutilization	
	Nonminority Women	19.29%	5.37%	358.91	Overutilization	
	Total M/W/DBE Firms	35.58%	18.95%	187.71	Overutilization	
	Non-M/W/DBE Firms	64.42%	81.05%	79.49	Underutilization	*
TOTAL	African Americans	0.78%	0.85%	92.30	Underutilization	
	Alaska Native Corporations	2.13%	3.39%	62.76	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

FEDERAL FISCAL YEAR	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
	American Indians/Alaska Natives	6.65%	5.66%	117.56	Overutilization	
	Asian Indian/Pacific Islanders	0.42%	0.71%	59.84	Underutilization	*
	Hispanic Americans	5.39%	2.83%	190.51	Overutilization	
	Nonminority Women	12.11%	5.37%	225.23	Overutilization	
	Total M/W/DBE Firms	27.48%	18.95%	145.01	Overutilization	
	Non-M/W/DBE Firms	72.52%	81.05%	89.48	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-43.A (CONTINUED)

DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY FEDERAL FISCAL YEAR  
FUNDING MODAL: FHWA

FEDERAL FISCAL YEAR	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
TOTAL	African Americans	0.78%	0.85%	92.30	Underutilization	
	Alaska Native Corporations	2.13%	3.39%	62.76	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	6.65%	5.66%	117.56	Overutilization	
	Asian Indian/Pacific Islanders	0.42%	0.71%	59.84	Underutilization	*
	Hispanic Americans	5.39%	2.83%	190.51	Overutilization	
	Nonminority Women	12.11%	5.37%	225.23	Overutilization	
	<b>Total M/W/DBE Firms</b>	<b>27.48%</b>	<b>18.95%</b>	<b>145.01</b>	<b>Overutilization</b>	
	Non-M/W/DBE Firms	72.52%	81.05%	89.48	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-44

DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, STATEWIDE  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.13%	0.85%	15.35	Underutilization	*
	Alaska Native Corporations	3.54%	3.39%	104.31	Overutilization	
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	10.87%	5.66%	192.17	Overutilization	
	Asian Indian/Pacific Islanders	0.01%	0.71%	1.99	Underutilization	*
	Hispanic Americans	1.08%	2.83%	38.27	Underutilization	*
	Nonminority Women	7.90%	5.37%	146.99	Overutilization	
	<b>Total M/W/DBE Firms</b>	<b>23.54%</b>	<b>18.95%</b>	<b>124.20</b>	<b>Overutilization</b>	
	Non-M/W/DBE Firms	76.46%	81.05%	94.34	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-45  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY REGION  
FUNDING MODAL: FAA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.25%	1.26%	19.74	Underutilization	*
	Alaska Native Corporations	6.75%	3.98%	169.41	Overutilization	
	Alaska Tribal Corporations	0.00%	4.40%	0.00	Underutilization	*
	American Indians/Alaska Natives	14.10%	0.63%	2,241.74	Overutilization	
	Asian Indian/Pacific Islanders	0.03%	3.77%	0.71	Underutilization	*
	Hispanic Americans	1.98%	5.87%	33.81	Underutilization	*
	Nonminority Women	8.43%	20.13%	41.89	Underutilization	*
	Total M/W/DBE Firms	31.54%	79.87%	39.48	Underutilization	*
	Non-M/W/DBE Firms	68.46%	100.00%	68.46	Underutilization	*
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	3.50%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	6.12%	8.39%	72.95	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.70%	0.00	Underutilization	*
	Hispanic Americans	0.10%	0.70%	14.85	Underutilization	*
	Nonminority Women	5.29%	5.59%	94.64	Underutilization	
	Total M/W/DBE Firms	11.52%	18.88%	61.01	Underutilization	*
	Non-M/W/DBE Firms	88.48%	81.12%	109.07	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	13.17%	8.05%	163.69	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	1.15%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.15%	0.00	Underutilization	*
	Nonminority Women	17.28%	2.30%	751.58	Overutilization	
	Total M/W/DBE Firms	30.45%	12.64%	240.82	Overutilization	
	Non-M/W/DBE Firms	69.55%	87.36%	79.62	Underutilization	*

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-46  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, SUMMARY  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	15.35	Underutilization	*
	Alaska Native Corporations	104.31	Overutilization	
	Alaska Tribal Corporations	0.00	Underutilization	*
	American Indians/Alaska Natives	192.17	Overutilization	
	Asian Indian/Pacific Islanders	1.99	Underutilization	*
	Hispanic Americans	38.27	Underutilization	*
	Nonminority Women	146.99	Overutilization	
	Total M/W/DBE Firms	124.20	Overutilization	
	Non-M/W/DBE Firms	94.34	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-47  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, STATEWIDE  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	22.89%	5.66%	404.65	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.30%	5.37%	5.52	Underutilization	*
	Total M/W/DBE Firms	23.19%	18.95%	122.36	Overutilization	
	Non-M/W/DBE Firms	76.81%	81.05%	94.77	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-48  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, REGION  
FUNDING MODAL: FTA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	1.26%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.98%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	4.40%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.00%	0.63%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	3.77%	0.00	Underutilization	*
	Hispanic Americans	0.00%	5.87%	0.00	Underutilization	*
	Nonminority Women	0.00%	20.13%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	79.87%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	100.00%	0.00	Underutilization	*
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	3.50%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	8.39%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.70%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.70%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.59%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	18.88%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	81.12%	0.00	Underutilization	*
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	22.89%	8.05%	284.54	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	1.15%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.15%	0.00	Underutilization	*
	Nonminority Women	0.30%	2.30%	12.91	Underutilization	*
	Total M/W/DBE Firms	23.19%	12.64%	183.42	Overutilization	
	Non-M/W/DBE Firms	76.81%	87.36%	87.93	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.



EXHIBIT A-49  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, SUMMARY  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00	Underutilization	*
	American Indians/Alaska Natives	404.65	Overutilization	
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	5.52	Underutilization	*
	Total M/W/DBE Firms	122.36	Overutilization	
	Non-M/W/DBE Firms	94.77	Underutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-49.A  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS, FEDERAL FISCAL YEAR  
FUNDING MODAL: FTA

FEDERAL FISCAL YEAR	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
2007	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.00%	5.66%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.37%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	18.95%	0.00	Underutilization	*
2008	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.00%	5.66%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.37%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	18.95%	0.00	Underutilization	*
2009	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	1.58%	5.66%	27.91	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.37%	0.00	Underutilization	*
	Total M/W/DBE Firms	1.58%	18.95%	8.33	Underutilization	*
2010	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	1.58%	5.66%	27.91	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.37%	0.00	Underutilization	*
	Total M/W/DBE Firms	1.58%	18.95%	8.33	Underutilization	*
2011	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	31.32%	5.66%	553.57	Overutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.41%	5.37%	7.70	Underutilization	*
	Total M/W/DBE Firms	31.73%	18.95%	167.43	Overutilization	*
Non-M/W/DBE Firms	68.27%	81.05%	84.23	Underutilization	*	
TOTAL	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	22.89%	5.66%	404.65	Overutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.30%	5.37%	5.52	Underutilization	*
	Total M/W/DBE Firms	23.19%	18.95%	122.36	Overutilization	*

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-50  
DISPARITY ANALYSIS OF CONSTRUCTION SUBCONTRACTORS BY FEDERAL FISCAL YEAR  
FUNDING MODAL: FAA

FEDERAL FISCAL YEAR	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
2007	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	10.89%	5.66%	192.51	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	1.23%	2.83%	43.60	Underutilization	*
	Nonminority Women	14.25%	5.37%	265.15	Overutilization	
	Total M/W/DBE Firms	26.38%	18.95%	139.16	Overutilization	
2008	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	8.51%	3.39%	250.63	Overutilization	
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	6.91%	5.66%	122.11	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.04%	2.83%	1.52	Underutilization	*
	Nonminority Women	7.60%	5.37%	141.31	Overutilization	
	Total M/W/DBE Firms	23.05%	18.95%	121.64	Overutilization	
2009	African Americans	0.67%	0.85%	78.88	Underutilization	*
	Alaska Native Corporations	0.38%	3.39%	11.32	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	13.20%	5.66%	233.23	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.72%	2.83%	25.46	Underutilization	*
	Nonminority Women	1.55%	5.37%	28.90	Underutilization	*
	Total M/W/DBE Firms	16.52%	18.95%	87.18	Underutilization	
2010	African Americans	0.27%	0.85%	31.86	Underutilization	*
	Alaska Native Corporations	0.65%	3.39%	19.24	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	18.07%	5.66%	319.42	Overutilization	
	Asian Indian/Pacific Islanders	0.13%	0.71%	17.86	Underutilization	*
	Hispanic Americans	4.39%	2.83%	155.23	Overutilization	
	Nonminority Women	3.09%	5.37%	57.49	Underutilization	*
	Total M/W/DBE Firms	26.60%	18.95%	140.36	Overutilization	
2011	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	13.34%	5.66%	235.87	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	1.52%	2.83%	53.84	Underutilization	*
	Nonminority Women	11.19%	5.37%	208.27	Overutilization	
	Total M/W/DBE Firms	26.06%	18.95%	137.51	Overutilization	
	Non-M/W/DBE Firms	73.94%	81.05%	91.23	Underutilization	
TOTAL	African Americans	0.13%	0.85%	15.35	Underutilization	*
	Alaska Native Corporations	3.54%	3.39%	104.31	Overutilization	
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	10.87%	5.66%	192.17	Overutilization	
	Asian Indian/Pacific Islanders	0.01%	0.71%	1.99	Underutilization	*
	Hispanic Americans	1.08%	2.83%	38.27	Underutilization	*
	Nonminority Women	7.90%	5.37%	146.99	Overutilization	
	Total M/W/DBE Firms	23.54%	18.95%	124.20	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-51  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, STATEWIDE  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.32%	0.00	Underutilization	*
	Alaska Native Corporations	1.00%	4.79%	20.86	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.32%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.99%	4.79%	20.58	Underutilization	*
	Asian Indian/Pacific Islanders	0.11%	0.64%	17.45	Underutilization	*
	Hispanic Americans	3.37%	2.24%	150.73	Overutilization	
	Nonminority Women	0.26%	2.88%	9.09	Underutilization	*
	Total M/W/DBE Firms	5.73%	15.97%	35.87	Underutilization	*
	Non-M/W/DBE Firms	94.27%	84.03%	112.19	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-52  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY REGION  
FUNDING MODAL: FHWA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.50%	0.00	Underutilization	*
	Alaska Native Corporations	0.55%	6.93%	7.95	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.50%	0.00	Underutilization	*
	American Indians/Alaska Natives	2.22%	2.97%	74.65	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	1.50%	1.98%	75.53	Underutilization	*
	Nonminority Women	0.00%	2.97%	-	Underutilization	*
	Total M/W/DBE Firms	4.26%	15.84%	26.91	Underutilization	*
	Non-M/W/DBE Firms	95.74%	84.16%	113.76	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.26%	1.67%	15.31	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	10.00%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	1.67%	0.00	Underutilization	*
	Hispanic Americans	4.42%	3.33%	132.61	Overutilization	
	Nonminority Women	0.18%	3.33%	5.53	Underutilization	*
	Total M/W/DBE Firms	4.86%	20.00%	24.30	Underutilization	*
	Non-M/W/DBE Firms	95.14%	80.00%	118.93	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	1.82%	5.88%	30.92	Underutilization	*
	Asian Indian/Pacific Islanders	0.20%	1.96%	10.21	Underutilization	*
	Hispanic Americans	3.81%	1.96%	194.33	Overutilization	
	Nonminority Women	1.65%	1.96%	84.00	Underutilization	
	Total M/W/DBE Firms	7.48%	11.76%	63.55	Underutilization	*
	Non-M/W/DBE Firms	92.52%	88.24%	104.86	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-53  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUMMARY  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	20.86	Underutilization	*
	Alaska Tribal Corporations	0.00	Underutilization	*
	American Indians/Alaska Natives	20.58	Underutilization	*
	Asian Indian/Pacific Islanders	17.45	Underutilization	*
	Hispanic Americans	150.73	Overutilization	
	Nonminority Women	9.09	Underutilization	*
	Total M/W/DBE Firms	35.87	Underutilization	*
	Non-M/W/DBE Firms	112.19	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-54  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, STATEWIDE  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.32%	0.00	Underutilization	*
	Alaska Native Corporations	1.95%	4.79%	40.64	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.32%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.26%	4.79%	5.45	Underutilization	*
	Asian Indian/Pacific Islanders	0.21%	0.64%	33.30	Underutilization	*
	Hispanic Americans	3.78%	2.24%	168.80	Overutilization	
	Nonminority Women	0.08%	2.88%	2.80	Underutilization	*
	Total M/W/DBE Firms	6.28%	15.97%	39.30	Underutilization	*
	Non-M/W/DBE Firms	93.72%	84.03%	111.54	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-55  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY REGION  
FUNDING MODAL: FAA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.50%	0.00	Underutilization	*
	Alaska Native Corporations	1.23%	6.93%	17.68	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.50%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.45%	2.97%	15.07	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	1.98%	0.00	Underutilization	*
	Nonminority Women	0.00%	2.97%	0.00	Underutilization	*
	Total M/W/DBE Firms	1.67%	15.84%	10.56	Underutilization	*
	Non-M/W/DBE Firms	98.33%	84.16%	116.84	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	4.55%	1.67%	273.21	Overutilization	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	10.00%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.79%	1.67%	47.19	Underutilization	*
	Hispanic Americans	11.95%	3.33%	358.61	Overutilization	
	Nonminority Women	0.00%	3.33%	0.00	Underutilization	*
	Total M/W/DBE Firms	17.29%	20.00%	86.47	Underutilization	
	Non-M/W/DBE Firms	82.71%	80.00%	103.38	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	5.88%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	1.96%	0.00	Underutilization	*
	Hispanic Americans	3.72%	1.96%	189.54	Overutilization	
	Nonminority Women	0.55%	1.96%	28.22	Underutilization	*
	Total M/W/DBE Firms	4.27%	11.76%	36.29	Underutilization	*
	Non-M/W/DBE Firms	95.73%	88.24%	108.49	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-56  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, SUMMARY  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	40.64	Underutilization	*
	Alaska Tribal Corporations	0.00	Underutilization	*
	American Indians/Alaska Natives	5.45	Underutilization	*
	Asian Indian/Pacific Islanders	33.30	Underutilization	*
	Hispanic Americans	168.80	Overutilization	
	Nonminority Women	2.80	Underutilization	*
	Total M/W/DBE Firms	39.30	Underutilization	*
	Non-M/W/DBE Firms	111.54	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5H](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-57  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS, STATEWIDE  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.85%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.39%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.14%	0.00	Underutilization	*
	American Indians/Alaska Natives	35.91%	5.66%	634.63	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	0.71%	0.00	Underutilization	*
	Hispanic Americans	0.00%	2.83%	0.00	Underutilization	*
	Nonminority Women	0.25%	5.37%	4.59	Underutilization	*
	Total M/W/DBE Firms	36.15%	18.95%	190.74	Overutilization	
	Non-M/W/DBE Firms	63.85%	81.05%	78.78	Underutilization	*

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.



CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-58  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS BY REGION  
FUNDING MODAL: FTA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	1.26%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	3.98%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	4.40%	0.00	Underutilization	*
	American Indians/Alaska Natives	0.00%	0.63%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	3.77%	0.00	Underutilization	*
	Hispanic Americans	0.00%	5.87%	0.00	Underutilization	*
	Nonminority Women	0.00%	20.13%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	79.87%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	100.00%	0.00	Underutilization	*
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	3.50%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	8.39%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.70%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.70%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.59%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	18.88%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	81.12%	0.00	Underutilization	*
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	35.91%	8.05%	446.26	Overutilization	
	Asian Indian/Pacific Islanders	0.00%	1.15%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.15%	0.00	Underutilization	*
	Nonminority Women	0.25%	2.30%	10.73	Underutilization	*
	Total M/W/DBE Firms	36.15%	12.64%	285.93	Overutilization	
	Non-M/W/DBE Firms	63.85%	87.36%	73.09	Underutilization	*

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-59  
DISPARITY ANALYSIS OF CONSTRUCTION PRIME CONTRACTORS SUMMARY  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION
FTA	African Americans	0.00	Underutilization *
	Alaska Native Corporations	0.00	Underutilization *
	Alaska Tribal Corporations	0.00	Underutilization *
	American Indians/Alaska Natives	634.63	Overutilization
	Asian Indian/Pacific Islanders	0.00	Underutilization *
	Hispanic Americans	0.00	Underutilization *
	Nonminority Women	4.59	Underutilization *
	Total M/W/DBE Firms	190.74	Overutilization
	Non-M/W/DBE Firms	78.78	Underutilization *

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

EXHIBIT A-60  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION
FHWA	African Americans	0.00%	0.00%	-	n/a
	Alaska Native Corporations	2.13%	2.77%	76.88	Underutilization *
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a
	American Indians/Alaska Natives	0.00%	3.95%	0.00	Underutilization *
	Asian Indian/Pacific Islanders	0.00%	0.79%	0.00	Underutilization *
	Hispanic Americans	0.00%	1.19%	0.00	Underutilization *
	Nonminority Women	3.39%	4.35%	78.01	Underutilization *
	Total M/W/DBE Firms	5.52%	13.04%	42.31	Underutilization *
	Non-M/W/DBE Firms	94.48%	86.96%	108.65	Overutilization

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5J](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-61  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FHWA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	2.58%	3.03%	85.18	Underutilization	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	6.06%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.61%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.21%	0.00	Underutilization	*
	Nonminority Women	1.03%	4.85%	21.34	Underutilization	*
	Total M/W/DBE Firms	3.62%	15.76%	22.95	Underutilization	*
	Non-M/W/DBE Firms	96.38%	84.24%	114.41	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	1.57%	4.08%	38.34	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	2.04%	-	Underutilization	*
	Nonminority Women	11.48%	4.08%	281.19	Overutilization	
	Total M/W/DBE Firms	13.04%	10.20%	127.81	Overutilization	
	Non-M/W/DBE Firms	86.96%	89.80%	96.84	Underutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	2.56%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	2.56%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	5.13%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	94.87%	105.41	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5J](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-62  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	2.13%	2.77%	76.88	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.95%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.79%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.19%	0.00	Underutilization	*
	Nonminority Women	3.39%	4.35%	78.01	Underutilization	*
	Total M/W/DBE Firms	5.52%	13.04%	42.31	Underutilization	*
	Non-M/W/DBE Firms	94.48%	86.96%	108.65	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5J](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-63  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	2.77%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.95%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.79%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.19%	0.00	Underutilization	*
	Nonminority Women	0.44%	4.35%	10.10	Underutilization	*
	Total M/W/DBE Firms	0.44%	13.04%	3.37	Underutilization	*
	Non-M/W/DBE Firms	99.56%	86.96%	114.50	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-64  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FAA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	3.03%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	6.06%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.61%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.21%	0.00	Underutilization	*
	Nonminority Women	0.00%	4.85%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	15.76%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	84.24%	118.71	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	4.08%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	2.04%	-	Underutilization	*
	Nonminority Women	1.38%	4.08%	33.70	Underutilization	*
	Total M/W/DBE Firms	1.38%	10.20%	13.48	Underutilization	*
	Non-M/W/DBE Firms	98.62%	89.80%	109.83	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	2.56%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	2.56%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	5.13%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	94.87%	105.41	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-65  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	-	n/a	
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	-	n/a	
	American Indians/Alaska Natives	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	10.10	Underutilization	*
	Total M/W/DBE Firms	3.37	Underutilization	*
	Non-M/W/DBE Firms	114.50	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-66  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	2.77%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.95%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.79%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.19%	0.00	Underutilization	*
	Nonminority Women	0.00%	4.35%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	13.04%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	86.96%	115.00	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-67  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FTA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	3.03%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	6.06%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.61%	0.00	Underutilization	*
	Hispanic Americans	0.00%	1.21%	0.00	Underutilization	*
	Nonminority Women	0.00%	4.85%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	15.76%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	84.24%	0.00	Underutilization	*
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	4.08%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	2.04%	0.00	Underutilization	*
	Nonminority Women	0.00%	4.08%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	10.20%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	89.80%	0.00	Underutilization	*
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	0.00%	-	n/a	
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	2.56%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	2.56%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	5.13%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	94.87%	105.41	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-68  
DISPARITY ANALYSIS OF AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	-	n/a	
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	-	n/a	
	American Indians/Alaska Natives	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00	Underutilization	*
	Non-M/W/DBE Firms	115.00	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit 5F](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-69  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.40%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	1.98%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.79%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.40%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.79%	0.00	Underutilization	*
	Nonminority Women	1.28%	2.77%	46.26	Underutilization	*
	Total M/W/DBE Firms	1.28%	7.11%	17.99	Underutilization	*
	Non-M/W/DBE Firms	98.72%	26.09%	378.43	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.



CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-70  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FHWA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	1.96%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	5.88%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.92%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	1.96%	0.00	Underutilization	*
	Hispanic Americans	0.00%	3.92%	0.00	Underutilization	*
	Nonminority Women	0.56%	5.88%	9.54	Underutilization	*
	Total M/W/DBE Firms	0.56%	23.53%	2.39	Underutilization	*
	Non-M/W/DBE Firms	99.44%	76.47%	130.04	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	4.76%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	9.52%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	14.29%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	85.71%	116.67	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	8.33%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	77.45%	16.67%	464.72	Overutilization	
	Total M/W/DBE Firms	77.45%	25.00%	309.81	Overutilization	
	Non-M/W/DBE Firms	22.55%	75.00%	30.06	Underutilization	*

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-71  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FHWA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FHWA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	-	n/a	
	American Indians/Alaska Natives	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	46.26	Underutilization	*
	Total M/W/DBE Firms	17.99	Underutilization	*
	Non-M/W/DBE Firms	378.43	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-72  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.40%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	1.98%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.79%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.40%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.79%	0.00	Underutilization	*
	Nonminority Women	0.00%	2.77%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	7.11%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	26.09%	383.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-73  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FAA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	1.96%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	5.88%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.92%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	1.96%	0.00	Underutilization	*
	Hispanic Americans	0.00%	3.92%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.88%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	23.53%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	76.47%	130.77	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	4.76%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	9.52%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	14.29%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	85.71%	116.67	Overutilization	
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	8.33%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	16.67%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	25.00%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	75.00%	133.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-74  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FAA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FAA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	-	n/a	
	American Indians/Alaska Natives	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00	Underutilization	*
	Non-M/W/DBE Firms	383.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00. The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-75  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, STATEWIDE  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.40%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	1.98%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.79%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	0.40%	0.00	Underutilization	*
	Hispanic Americans	0.00%	0.79%	0.00	Underutilization	*
	Nonminority Women	0.00%	2.77%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	7.11%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	26.09%	383.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5E](#) and [Exhibit L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

## CORRESPONDING ANALYSES: MARKET AREA, UTILIZATION, AND DISPARITY

EXHIBIT A-76  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS BY REGION  
FUNDING MODAL: FTA

CENTRAL REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	1.96%	0.00	Underutilization	*
	Alaska Native Corporations	0.00%	5.88%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	3.92%	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00%	1.96%	0.00	Underutilization	*
	Hispanic Americans	0.00%	3.92%	0.00	Underutilization	*
	Nonminority Women	0.00%	5.88%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	23.53%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	76.47%	130.77	Overutilization	
NORTHERN REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	4.76%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	9.52%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	14.29%	0.00	Underutilization	*
	Non-M/W/DBE Firms	0.00%	85.71%	0.00	Underutilization	*
SOUTHEAST REGION	BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF DOLLARS	PERCENT OF AVAILABLE FIRMS	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00%	0.00%	-	n/a	
	Alaska Native Corporations	0.00%	8.33%	0.00	Underutilization	*
	Alaska Tribal Corporations	0.00%	0.00%	-	n/a	
	American Indians/Alaska Natives	0.00%	0.00%	-	n/a	
	Asian Indian/Pacific Islanders	0.00%	0.00%	-	n/a	
	Hispanic Americans	0.00%	0.00%	-	n/a	
	Nonminority Women	0.00%	16.67%	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00%	25.00%	0.00	Underutilization	*
	Non-M/W/DBE Firms	100.00%	75.00%	133.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V, Exhibit 5L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

EXHIBIT A-77  
DISPARITY ANALYSIS OF NON-AELS PRIME CONSULTANTS, SUMMARY  
FUNDING MODAL: FTA

FUNDING MODAL	BUSINESS OWNERSHIP CLASSIFICATION	DISPARITY INDEX	DISPARATE IMPACT OF UTILIZATION	
FTA	African Americans	0.00	Underutilization	*
	Alaska Native Corporations	0.00	Underutilization	*
	Alaska Tribal Corporations	-	n/a	
	American Indians/Alaska Natives	0.00	Underutilization	*
	Asian Indian/Pacific Islanders	0.00	Underutilization	*
	Hispanic Americans	0.00	Underutilization	*
	Nonminority Women	0.00	Underutilization	*
	Total M/W/DBE Firms	0.00	Underutilization	*
	Non-M/W/DBE Firms	383.33	Overutilization	

Source: MGT developed a Master Contract Database on contracts and Professional Services Agreements awarded by ADOT&PF between October 1, 2006, and September 30, 2011.

Note: Corresponding exhibit is presented in [Chapter V](#), [Exhibit 5E](#) and [Exhibit L](#).

Disparity index is the ratio of the percentage of dollars to percentage of available firms multiplied by 100.00.

The dash (-) and n/a denotes constraint of division by zero. This occurred because there was no identified availability estimates in this specific business category and M/W/DBE group. However, the existence of disparity can be inferred due to the evidence of low utilization results.

***APPENDIX B:  
CUSTOM CENSUS SURVEY  
INSTRUMENT – CONSTRUCTION***

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## APPENDIX B: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CUSTOM CENSUS SURVEY CONSTRUCTION

---

Hello. My name is \_\_\_\_\_, and I am calling for MGT of America on behalf of the Alaska Department of Transportation and Public Facilities (DOT).

We are conducting a very brief survey of 10 questions to determine the availability of businesses in the state of Alaska. Is this \_\_\_\_\_ (Company's name)? **IF YES, CONTINUE.**

Have I reached \_\_\_\_\_? (VERIFY TELEPHONE NUMBER)

**IF YES, CONTINUE,  
IF NO, TERMINATE**

May I speak with the owner or authorized decision maker in your company please?

**IF OWNER IS PUT ON THE LINE: CONTINUE WITH INTRODUCTION**

**IF TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC):** Are you able to answer questions concerning ownership? **IF YES, CONTINUE.**

**IF NO,** SCHEDULE A CALL BACK WHEN THE OWNER OR CEO MAY BE AVAILABLE AND LEAVE TELEPHONE NUMBER. IF NOBODY IS AVAILABLE TO ANSWER QUESTIONS:

SCHEDULE CALL BACK DATE AND TIME

### INTRODUCTION

MGT of America, Inc. has been contracted by the Alaska Department of Transportation and Public Facilities (DOT) to contact area businesses to get their opinions about the business climate in the state of Alaska. The objectives of this very brief survey of 10 questions are to (1) assist in determining the availability of businesses in the state of Alaska and (2) help DOT&PF learn more about local businesses.

**Your company's information has been provided to us from Dun & Bradstreet.**

Your opinions are important to us, and all of your responses will be kept confidential. If you have any questions regarding the survey, please send them to Ms. Vernetta Mitchell of MGT of America, Inc. at [Vernetta\\_Mitchell@mgtamer.com](mailto:Vernetta_Mitchell@mgtamer.com). For technical assistance relating to the survey, please contact (NAME) of Donaldson Enterprises at [\(email\)](#).

Thank you in advance for your participation.



**Q1.** What is your title? [REQUIRE ANSWER]

- Owner/CEO/President 1
- Manager/Financial Officer 2
- Other (Specify) 3 \_\_\_\_\_

**Q2.** Please provide the following in case we have any further questions.

[REQUIRE ANSWER]

Name (First and Last Name) (1)

Email Address (2)

**Q3.** Let me confirm that, based on information we have from Dun & Bradstreet, this is a for-profit construction business, as opposed to a nonprofit, foundation or government office?

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 3 IS NO OR DON'T KNOW, THEN TERMINATE THE CALL PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q4.** Let us confirm that your company provides Construction.

Examples include but are not limited to heavy construction, general contractor, carpentry, electrical, site work, HVAC, drywall, asphalt, paving, etc.

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 4 IS NO TERMINATE THE CALL AND PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q5.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as a prime contractor or subcontractor for a construction contract or project to DOT?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q6.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as prime contractor or subcontractor, for a construction contract or project to a federal, state, or other local government agency in the state of Alaska?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q7.** Is your company interested in submitting a bid as a prime contractor or subcontractor, for a construction contract with DOT over the next 12 months?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q8.** Does your company bid primarily as prime contractor? Subcontractor? or both?

[REQUIRE ANSWER]

Prime Contractor 1  
 Subcontractor 2  
 Both 3  
 Don't Know 4

**Q9.** Is **more** than 50 percent of your company owned and controlled by a woman or women?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q10.** Is **more** than 50 percent of your company owned and controlled by a person or people from one of the following racial or ethnic groups?

[REQUIRE ANSWER]

- Anglo/Caucasian/White 1
- Black or African American 2
- Asian 3
- Hispanic or Latino 4
- American Indian/Alaskan Native 5
- Alaskan Native Corporation 6
- Tribal Corporation 7
- Native Hawaiian /Other 8
- Pacific Islander Groups 9
- Other 10 Specify: \_\_\_\_\_
- Don't Know 11

**That completes our interview. Thank you for your input and your participation in this important survey.**

**If you would like more information on the Disparity Study, please contact**

**Good, Dennis [dennis.good@alaska.gov](mailto:dennis.good@alaska.gov) (907) 269-0848.**

Interviewer Id# [REQUIRE ANSWER] \_\_\_\_\_

***APPENDIX C:  
CUSTOM CENSUS SURVEY – AELS***

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## APPENDIX C: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CUSTOM CENSUS SURVEY CONSTRUCTION-RELATED AELS PROFESSIONAL SERVICES

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Hello. My name is \_\_\_\_\_, and I am calling for MGT of America on behalf of the Alaska Department of Transportation and Public Facilities (DOT).

We are conducting a very brief survey of 10 questions to determine the availability of businesses in the state of Alaska. Is this \_\_\_\_\_ (Company's name)? **IF YES, CONTINUE.**

Have I reached \_\_\_\_\_? **(VERIFY TELEPHONE NUMBER)**

**IF YES, CONTINUE,  
IF NO, TERMINATE**

May I speak with the owner or authorized decision maker in your company please?

**IF OWNER IS PUT ON THE LINE: CONTINUE WITH INTRODUCTION**

**IF TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC):** Are you able to answer questions concerning ownership? **IF YES, CONTINUE**

**IF NO, SCHEDULE A CALL BACK WHEN THE OWNER OR CEO MAY BE AVAILABLE AND LEAVE TELEPHONE NUMBER. IF NOBODY IS AVAILABLE TO ANSWER QUESTIONS:**

SCHEDULE CALL BACK DATE AND TIME

### INTRODUCTION

MGT of America, Inc. has been contracted by the Alaska Department of Transportation and Public Facilities (DOT) to contact area businesses to get their opinions about the business climate in the state of Alaska. The objectives of this very brief survey of 10 questions are to (1) assist in determining the availability of businesses in the state of Alaska and (2) help DOT&PF learn more about local businesses.

**Your company's information has been provided to us from Dun & Bradstreet.**

Your opinions are important to us, and all of your responses will be kept confidential. If you have any questions regarding the survey, please send them to Ms. Vernetta Mitchell of MGT of America, Inc. at [Vernetta\\_Mitchell@mgtamer.com](mailto:Vernetta_Mitchell@mgtamer.com). For technical assistance relating to the survey, please contact (NAME) of Donaldson Enterprises at [\(email\)](#).

Thank you in advance for your participation.

**Q1.** What is your title? [REQUIRE ANSWER]

- Owner/CEO/President 1
- Manager/Financial Officer 2
- Other (Specify) 3 \_\_\_\_\_

**Q2.** Please provide the following in case we have any further questions.

[REQUIRE ANSWER]

Name (First and Last Name) (1)

Email Address (2)

**Q3.** Let me confirm that, based on information we have from Dun & Bradstreet, this is a for-profit construction-related business, as opposed to a nonprofit, foundation or government office?

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 3 IS NO OR DON'T KNOW, THEN TERMINATE THE CALL PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q4.** Let us confirm that your company provides construction-related architectural, engineering, or land surveying (AELS) professional services.

Examples include but are not limited to architecture, engineering, structural, land development, surveying.

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 4 IS NO TERMINATE THE CALL AND PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q5.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as a prime contractor or subcontractor for a construction-related AELS contract or project to DOT?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q6.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as prime contractor or subcontractor, for a construction-related AELS contract or project to a federal, state, or other local government agency in the state of Alaska?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q7.** Is your company interested in submitting a bid as a prime contractor or subcontractor, for a construction-related AELS contract with DOT over the next 12 months?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q8.** Does your company bid primarily as prime contractor? Subcontractor? or both?

[REQUIRE ANSWER]

Prime Contractor 1  
 Subcontractor 2  
 Both 3  
 Don't Know 4

**Q9.** Is **more** than 50 percent of your company owned and controlled by a woman or women?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q10.** Is **more** than 50 percent of your company owned and controlled by a person or people from one of the following racial or ethnic groups?

[REQUIRE ANSWER]

- |                                |                   |
|--------------------------------|-------------------|
| Anglo/Caucasian/White          | 1                 |
| Black or African American      | 2                 |
| Asian                          | 3                 |
| Hispanic or Latino             | 4                 |
| American Indian/Alaskan Native | 5                 |
| Alaskan Native Corporation     | 6                 |
| Tribal Corporation             | 7                 |
| Native Hawaiian /Other         | 8                 |
| Pacific Islander Groups        | 9                 |
| Other                          | 10 Specify: _____ |
| Don't Know                     | 11                |

**That completes our interview. Thank you for your input and your participation in this important survey.**

**If you would like more information on the Disparity Study, please contact**

**Good, Dennis [dennis.good@alaska.gov](mailto:dennis.good@alaska.gov) (907) 269-0848.**

Interviewer Id# [REQUIRE ANSWER] \_\_\_\_\_



***APPENDIX C-A:  
CUSTOM CENSUS SURVEY – NON-AELS***

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## APPENDIX C-A: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CUSTOM CENSUS SURVEY CONSTRUCTION-RELATED NON-AELS PROFESSIONAL SERVICES

---

Hello. My name is \_\_\_\_\_, and I am calling for MGT of America on behalf of the Alaska Department of Transportation and Public Facilities (DOT).

We are conducting a very brief survey of 10 questions to determine the availability of businesses in the state of Alaska. Is this \_\_\_\_\_ (Company's name)? **IF YES, CONTINUE.**

Have I reached \_\_\_\_\_? **(VERIFY TELEPHONE NUMBER)**

**IF YES, CONTINUE,  
IF NO, TERMINATE**

May I speak with the owner or authorized decision maker in your company please?

**IF OWNER IS PUT ON THE LINE: CONTINUE WITH INTRODUCTION**

**IF TRANSFERRED TO ANOTHER PARTY (CFO, MANAGER, ETC):** Are you able to answer questions concerning ownership? **IF YES, CONTINUE**

**IF NO, SCHEDULE A CALL BACK WHEN THE OWNER OR CEO MAY BE AVAILABLE AND LEAVE TELEPHONE NUMBER. IF NOBODY IS AVAILABLE TO ANSWER QUESTIONS:**

SCHEDULE CALL BACK DATE AND TIME

### INTRODUCTION

MGT of America, Inc. has been contracted by the Alaska Department of Transportation and Public Facilities (DOT) to contact area businesses to get their opinions about the business climate in the state of Alaska. The objectives of this very brief survey of 10 questions are to (1) assist in determining the availability of businesses in the state of Alaska and (2) help DOT&PF learn more about local businesses.

**Your company's information has been provided to us from Dun & Bradstreet.**

Your opinions are important to us, and all of your responses will be kept confidential. If you have any questions regarding the survey, please send them to Ms. Vernetta Mitchell of MGT of America, Inc. at [Vernetta\\_Mitchell@mgtamer.com](mailto:Vernetta_Mitchell@mgtamer.com). For technical assistance relating to the survey, please contact (NAME) of Donaldson Enterprises at [\(email\)](#).

Thank you in advance for your participation.

**Q1.** What is your title? [REQUIRE ANSWER]

- Owner/CEO/President 1
- Manager/Financial Officer 2
- Other (Specify) 3 \_\_\_\_\_

**Q2.** Please provide the following in case we have any further questions.

[REQUIRE ANSWER]

Name (First and Last Name) (1)

Email Address (2)

**Q3.** Let me confirm that, based on information we have from Dun & Bradstreet, this is a for-profit construction-related professional service business, as opposed to a nonprofit, foundation or government office?

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 3 IS NO OR DON'T KNOW, THEN TERMINATE THE CALL PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q4.** Let us confirm that your company provides construction-related non-architectural, engineering, or land surveying (AELS) professional services.

Examples of non-AELS include but are not limited to planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP).

[REQUIRE ANSWER]

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

**[IF THE ANSWER TO QUESTION 4 IS NO TERMINATE THE CALL AND PLEASE GO BACK TO Q2 AND TYPE "DISQUALIFIED" AFTER THE FIRST AND LAST NAME.]**

**Disqualification statement**

**Thank you for your input; however, you do not qualify for this survey.**

**Q5.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as a prime contractor or subcontractor for a construction-related non-AELS contract or project to DOT?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q6.** Between October 1, 2006 and September 30, 2011 has your company submitted a bid as prime contractor or subcontractor, for a construction-related non-AELS contract or project to a federal, state, or other local government agency in the state of Alaska?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q7.** Is your company interested in submitting a bid as a prime contractor or subcontractor, for a construction-related non-AELS contract with DOT over the next 12 months?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q8.** Does your company bid primarily as prime contractor? Subcontractor? or both?

[REQUIRE ANSWER]

Prime Contractor 1  
 Subcontractor 2  
 Both 3  
 Don't Know 4

**Q9.** Is **more** than 50 percent of your company owned and controlled by a woman or women?

[REQUIRE ANSWER]

Yes 1  
 No 2  
 Don't Know 3

**Q10.** Is **more** than 50 percent of your company owned and controlled by a person or people from one of the following racial or ethnic groups?

[REQUIRE ANSWER]

- |                                |                   |
|--------------------------------|-------------------|
| Anglo/Caucasian/White          | 1                 |
| Black or African American      | 2                 |
| Asian                          | 3                 |
| Hispanic or Latino             | 4                 |
| American Indian/Alaskan Native | 5                 |
| Alaskan Native Corporation     | 6                 |
| Tribal Corporation             | 7                 |
| Native Hawaiian /Other         | 8                 |
| Pacific Islander Groups        | 9                 |
| Other                          | 10 Specify: _____ |
| Don't Know                     | 11                |

**That completes our interview. Thank you for your input and your participation in this important survey.**

**If you would like more information on the Disparity Study, please contact**

**Good, Dennis [dennis.good@alaska.gov](mailto:dennis.good@alaska.gov) (907) 269-0848**

Interviewer Id# [REQUIRE ANSWER] \_\_\_\_\_

***APPENDIX D:  
SURVEY OF BUSINESS OWNERS  
REGRESSION ANALYSIS***

---

## APPENDIX D: SURVEY OF BUSINESS OWNERS REGRESSION ANALYSIS

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Whereas **Chapter IV** and **V** reported findings of disparity and nondisparity related to the utilization of vendors in the Alaska DOT's (ADOT) procurement activities according to selected race, ethnicity, and gender categories, this section reports findings from a telephone survey of a sample of 360<sup>1</sup> firms representative of the ADOT' vendors examined in the study to assess race, ethnicity, and gender effects on vendor revenue during the 2012 tax year. To determine these effects, 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 status 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, owner experience, 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.1 AN OVERVIEW OF MULTIVARIATE REGRESSION AND DESCRIPTION OF ANALYTICAL MODEL

Multivariate regression was employed to examine the influence of selected company and business characteristics, especially owner race and gender, on 2012 gross revenues reported by 360 firms participating in a telephone survey administered during September 2013. 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 earnings, or revenue, as the dependent variable in race and gender discrimination

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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.

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>

#### THE REGRESSION MODEL VARIABLES

Timothy Bates<sup>6</sup> used at least five general determinants, including firm capacity, managerial ability, manager/owner experience, 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.

#### 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 2012 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 1, “Up to \$50,000” to Category 9, “More than \$10 million.”

#### INDEPENDENT VARIABLES

The independent (i.e., explanatory) variables were those characteristics hypothesized as contributing to the variation in the dependent variable (2012 gross revenues). For this study, independent variables included:

- ♦ **Number of full-time employees** – The more employees a company has, the greater product volume it is likely to have to generate higher revenues.
- ♦ **Owner’s years of experience** – The longer a company owner has been in a particular business, the more likely it is that the owner has knowledge of how to acquire contracts and the skills and experience to succeed in that business.
- ♦ **Owner’s level of education** – The research literature consistently reports a positive relationship between education and level of income.

<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.



- ♦ **Age of company** – It is argued that a company’s longevity is an indicator of both success and the owner’s managerial ability.
- ♦ **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, experience, race, and gender) and measures derived from survey items is presented in **Exhibit D-1**.

**EXHIBIT D-1  
MODEL CONSTRUCTS, VARIABLES, AND MEASURES**

MODEL CONSTRUCTS	VARIABLES	MEASURES
<i>Capacity</i>	Number of Employees	Number of Full-time and Part-time Employees Reported
	Private Contracting	% Total Revenue from Private Sources
<i>Owner's Managerial Ability</i>	Owner's Education	Level of Education (from “some high school” to “postgraduate degree”)
	Owner's Experience	Years of Experience
	Company Age	2012 Minus Reported “Year of Establishment”
<i>Demographics</i>	Business Owner Groups	African American, Hispanic American, Asian American, Native American, Nonminority Woman, and Non-M/WBE Firms
	Gender of Company Owner	Gender of Company Majority Owner or Shareholder

Source: Alaska Department of Transportation telephone survey data methodology.

**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.2 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.

### 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  $X_i = 0$

$\beta_i$  = coefficient representing the magnitude of  $X_i$ 's effect on Y

$X_i$  = the independent variables, such as capacity, experience, 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 2012 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.,  $p < 0.05$ ).

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:<sup>7</sup>

Gross Revenue Categories		
1 = Up to \$50,000	4 = \$300,001 to \$500,000	7 = \$3,000,001 to \$5 million
2 = \$50,001 to \$100,000	5 = \$500,001 to \$1 million	8 = \$5,000,001 to \$10 million
3 = \$100,001 to \$300,000	6 = \$1,000,001 to \$3 million	9 = Greater than \$10 million

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 **Exhibit D-2**.

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<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.

EXHIBIT D-2  
ALASKA DEPARTMENT OF TRANSPORTATION, SURVEY OF VENDORS DATA  
RESULTS OF REGRESSION ANALYSIS

Coefficients			
	Unstandardized Coefficients		Standardized Coefficients
	B	Std. Error	Beta
(Constant)	2.422	0.684	
<b>African Americans (n=5)</b>	-1.275	0.717	-0.079
Hispanic Americans (n=7)	0.037	0.610	0.003
Asian Americans (n=2)	-0.600	1.118	-0.024
<b>Native Americans (n=41)</b>	0.531	0.274	0.088
Nonminority Females (n=49)	-0.214	0.257	-0.038
<b>Company Age</b>	0.005	0.005	0.051
<b>Number of Employees</b>	0.874	0.070	0.571
High School	-0.440	0.303	-0.093
Some College	-0.324	0.293	-0.070
College Degree	-0.303	0.283	-0.067
<b>Owner's Years of Experience</b>	0.402	0.126	0.147
<b>AELS Construction Professional</b>	-0.814	0.448	-0.080
<b>Non-AELS Construction Professional</b>	-0.966	0.253	-0.175

Source: Alaska Department of Transportation survey of vendors results.

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

## RESULTS

- ◆ The model testing the effects of the variables listed in **Exhibit G-A-2** on revenue reported by companies participating in the telephone survey explained 46.1 percent of the variance of the revenue variable ( $R^2_j = 0.461$ ,  $F = 18.789$ ,  $df = 13,286$ ,  $p \leq 0.000$ ).
- ◆ When controlling for the effects of variables related to company demographics (i.e. company capacity, ownership level of education and experience), M/WBE status had a significant impact on 2012 company earnings for African Americans and Native Americans.
- ◆ Among the company characteristics variables, other than M/WBE status, revenue for all groups increased as a function of number of employees, owner's experience and age of company.
- ◆ Construction and Construction-Related Professional Services (AELS and Non-AELS) industry type had a significant impact on company revenues.

## DERIVING PREDICTED REVENUE FOR RACE/GENDER/ETHNICITY CATEGORIES

Values from **Exhibit D-2** 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-Related AELS Professional services business category.<sup>9</sup>

Gross Revenues = 2.422 - 1.275 African American + 0.005 Company Age + 0.874 Number of Employees - 0.440 High School – 0.324 Some College - 0.303 College Degree + 0.402 Owner’s Experience - 0.814 Construction-Related AELS Professional.

For instance, using **Exhibit D-3** below to interpret the effect of race, ethnicity, and gender classification on predicted gross revenue for a Native American in the Construction-Related AELS Professional Services industry, holding all other variables constant, we would add the value of the constant (2.422) to the coefficient value for a Native American (+0.531) and the Construction-Related AELS Professional business category (-0.814) to obtain a predicted revenue value of 2.139 (rounded to 2, representing the category “\$50,001 to \$100,000”). Similarly, to derive the effect of race, ethnicity, and gender classification on predicted gross revenue for a Native American in the construction industry category, holding all other variables constant, we would simply note the value of the constant and add it to the Native American coefficient (2.571, rounded to 3, representing the category “100,001 to \$300,000”).

EXHIBIT D-3  
GROSS REVENUE CATEGORIES FROM SURVEY OF VENDORS

Business Ownership Classification	Overall	Construction	Construction-Related AELS	Construction-Nonrelated AELS
Nonminority Males (n=196)	2	2	2	1
African Americans (n=5)	1	1	1	1
Hispanic Americans (n=7)	2	2	2	1
Asian Americans (n=2)	1	2	1	1
Native Americans (n=41)	3	3	2	2
Nonminority Females (n=49)	2	2	1	1

Source: Alaska Department of Transportation survey of vendors results.

Gross Revenue Categories		
1 = Up to \$50,000	4 = \$300,001 to \$500,000	7 = \$3,000,001 to \$5 million
2 = \$50,001 to \$100,000	5 = \$500,001 to \$1 million	8 = \$5,000,001 to \$10 million
3 = \$100,001 to \$300,000	6 = \$1,000,001 to \$3 million	9 = Greater than \$10 million

SUMMARY OF SURVEY FINDINGS

Regarding the positive significant effects of the non-race, ethnicity, and gender classification variables—company age and 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, African American, Hispanic American, and Nonminority Female owned firms responding to the telephone survey earned less revenue in 2012 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.

<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.”

***APPENDIX E:  
PUBLIC HEARING NOTICE***

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## APPENDIX E: PUBLIC HEARING NOTICE



### Disparity Study

### PUBLIC HEARING NOTICE

**You are invited to attend one of three public hearings to provide your comments on doing business with or attempting to do business with State of Alaska Department of Transportation and Public Facilities (DOT&PF).**

These public hearings are being conducted in coordination with a study of the utilization of Disadvantaged Business Enterprises (DBE). The study will examine the procurement of services and products for the Alaska DOT&PF, the subcontracting participation of prime contractors/service providers who do business with the Alaska DOT&PF and the anecdotal evidence collected from a broad cross section of DBE and non-DBE firms.

The study will analyze Construction, Construction Related AELS Professional Services, and Construction Related Non-AELS Professional Services contracting opportunities in order to identify whether a statistical disparity exists.

Monday, March 11, 2013 4:30 – 6:30 pm Centennial Hall Hickel Room 101 Egan Drive Juneau, Alaska 99801	Wednesday, March 13, 2012 4:30 – 6:30 pm The Prow @ the Carlson Center 2010 2nd Avenue Fairbanks, Alaska 99701	Thursday, March 14, 2013 4:30 – 6:30 pm Wilda Marston Theatre Anchorage Public Library 3600 Denali Street Anchorage, AK 99503
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Thank you in advance for your support and participation in the very important study.

**NOTICE FOR PERSONS WITH DISABILITIES:** Persons with disabilities who plan to participate in one of these activities and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, large print or braille, also non-English speaking persons who may need assistance are requested to contact Vernetta Mitchell at 704-531-4099.

Individuals or business owners with questions or comments about this study can contact:

Vernetta Mitchell  
MGT of America, Inc.  
(704) 531-4099  
[vmitchel@mgtamer.com](mailto:vmitchel@mgtamer.com)

The Alaska DOT&PF and MGT of America would like to thank you in advance for your participation in and support of this important study.

To verify the information in this announcement, contact Dennis Good, DOT&PF Civil Rights Office Manager at (907) 269-0848 or [Dennis.Good@alaska.gov](mailto:Dennis.Good@alaska.gov).

February 2013

Non-Discrimination. It is the policy of the ADOT&PF that no person will be excluded from participation in, or be denied benefits of any programs, services or activities we provide based on race, religion, color, gender, age, marital status, ability, or national origin. This policy will be implemented regardless of the funding source, including Federal Transit Administration, Federal Aviation Administration, Federal Highway Administration and State of Alaska funds.

If any person feels that any program, service provided or action taken by ADOT&PF discriminates against them based on race, religion, color, gender, age, marital status, ability, or national origin, that person may file a written complaint with the ADOT&PF Civil Rights Office Title VI Specialist at PO Box 196900, Anchorage, AK 99519-6900 or by email to DOT.Title6@alaska.gov.

February 2013



***APPENDIX F:  
SURVEY OF BUSINESS OWNERS  
INSTRUMENT***

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## APPENDIX F: ALASKA DOT&PF SURVEY OF BUSINESS OWNERS

MGT of America is conducting a survey of business owners for the **Alaska Department of Transportation & Public Facilities (ADOT&PF)** to determine the current business climate and help evaluate the procurement of services and products for ADOT&PF, the subcontracting practices of prime contractors who do business with ADOT&PF, and the anecdotal evidence collected from a broad cross section of businesses.

The following survey will gather information on business ownership, work performed and/or bid with ADOT&PF, work bid and/or performed in the private sector, and barriers, perceived or real, that prevented your firm from doing business with ADOT&PF between **October 1, 2006 and September 30, 2011**. The results of the study will provide the basis, if warranted, will result in recommendations to improve ADOT&PF's current procurement programs.

This is a great opportunity for you to provide feedback regarding your experience doing business with or attempting to do business with ADOT&PF by agreeing to carefully complete this survey. The survey will only take a few minutes of your time to complete. **Your information is aggregated for the overall analysis and used only for the purposes of conducting this study. Individual information is kept confidential.**

**Q1** What is your title? [REQUIRE ANSWER]

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

If Owner Is Selected, Then Skip To: Q2. Please provide your name and phone number

**Q1a** Are you able to answer questions concerning ownership and business activities?  
[REQUIRE ANSWER]

- Yes 1
- No 2 (If No, terminate survey)

**Termination Statement:** *Your firm's input is very important so we request that the survey be provided to a member of management with more knowledge of the establishment and functions of the business. Thank you.*

**Q2** Please provide your name and phone number just in case we have any further questions?  
[REQUIRE ANSWER]

Contact Name: \_\_\_\_\_

Contact Telephone Number: \_\_\_\_\_

- Q3** Which **ONE** of the following is your company’s primary line of business?
- Construction (*heavy construction, general contractor, carpentry, electrical, site work, HVAC, drywall, etc.*):  
Specify \_\_\_\_\_
  - Construction-related AELS professional services (*architecture, engineering, structural, land development, surveying*):  
Specify \_\_\_\_\_
  - Construction-related non-AELS professional services (*planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP)*):  
Specify \_\_\_\_\_
  - Other:  
Specify \_\_\_\_\_

**Q4.** Is **more than 50%** of your company owned and controlled by a woman or women?  
[REQUIRE ANSWER]

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

**Q5.** Is **more than 50%** of the company owned and controlled by one of the following racial or ethnic groups?

- Anglo/Caucasian/White            1
- Black or African American        2
- Asian                                    3
- Hispanic or Latino                    4
- American Indian/Alaskan Native   5
- Alaskan Native Corporation        6
- Tribal Corporation                    7
- Native Hawaiian /Other            8
- Pacific Islander Groups            9
- Other                                    10 Specify: \_\_\_\_\_
- Don’t Know                            11

**Q6** What is the highest level of education completed by the primary owner of your company?  
[REQUIRE ANSWER]

- Some high school 1
- High school graduate 2
- Trade or technical education 3
- Some college 4
- College degree 5
- Post graduate degree 6
- No response/Don't know 7

**Q7** In what year was your company established? \_\_\_\_\_ [REQUIRE ANSWER]

**Q8** How many years of experience in your company's line of business do the primary owner(s) of your firm have? \_\_\_\_\_ [REQUIRE ANSWER]

- 0 – 5 years 1
- 6 – 10 years 2
- 11 – 15 years 3
- 16 – 20 years 4
- 20 + years 5

**Q9** On average, how many employees does your company keep on the payroll, including full-time and part-time staff? [REQUIRE ANSWER]

- 0 - 10 1
- 11 - 20 2
- 21 - 30 3
- 31 - 40 4
- 41+ 5

**Q10** Which of the following categories best approximates your company's gross revenues for calendar year 2011? [REQUIRE ANSWER]

- Up to \$50,000? 1
- \$50,001 to \$100,000? 2
- \$100,001 to \$300,000? 3
- \$300,001 to \$500,000? 4
- \$500,001 to \$1 million? 5
- \$1,000,001 to \$3 million? 6
- \$3,000,001 to \$5 million? 7
- \$5,000,001 to \$10 million? 8
- Over \$10 million? 9
- Don't Know 10

**Q11** Does your company hold any of the following certifications from a recognized certification agency? ***Check all that applies.***

- Minority Business Enterprise (MBE) 1
- Small Business Enterprise (SBE) 2
- Woman Business Enterprise (WBE) 3
- Disadvantaged Business Enterprise (DBE) 4
- HubZone 5
- Alaska Native Corporation (ANC) 6
- 8A 7
- Other 8 Specify \_\_\_\_\_

**Q12** Are you a graduated DBE firm?

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

**Q13** On a scale from 1 to 5 (*1 being extremely easy and 5 being extremely difficult*) how would you rate your ease of obtaining notification of business opportunities with ADOT&PF?

- Extremely easy 1
- Somewhat easy 2
- Easy 3
- Difficult 4
- Somewhat Difficult 5
- Extremely Difficult 6

**Q14** Does your company bid primarily as a prime contractor? Subcontractor? Both?

- Prime 1
- Subcontractor 2
- Both 3

**[S - IF THE ANSWER IS 2, THEN SKIP TO QUESTION 29]**

**Q15** Has the Central Region waiver prevented your firm from meeting or being included on DBE project goals?

- Yes 1
- No 2

**Q16** In general, which of the following categories best approximates your company’s largest **prime contract** awarded between **October 1, 2006 and September 30, 2011**?

- Not Applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$200,000? 4
- \$200,001 to \$300,000? 5
- \$300,001 to \$400,000? 6
- \$400,001 to \$500,000? 7
- \$500,001 to \$1 million? 8
- Over \$1 million? 9
- Don’t Know 10

**Q17** In your experience, have any of the following been a barrier to obtaining work on projects for ADOT&PF as a **prime contractor**:

[REQUIRE ANSWER TO EACH OF THE FOLLOWING]

	Yes (1)	No (2)
Prequalification requirements (1)	<input type="radio"/>	<input type="radio"/>
Bid bond requirement (2)	<input type="radio"/>	<input type="radio"/>
Performance/payment bond requirement (3)	<input type="radio"/>	<input type="radio"/>
Cost of bidding (4)	<input type="radio"/>	<input type="radio"/>
Financing (5)	<input type="radio"/>	<input type="radio"/>
Insurance (general liability, professional liability, etc.) (6)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials (7)	<input type="radio"/>	<input type="radio"/>
Bid specifications (8)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare bid or prequalification package or quote (9)	<input type="radio"/>	<input type="radio"/>
Limited knowledge of purchasing contracting policies and procedures (10)	<input type="radio"/>	<input type="radio"/>
Lack of experience (11)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (12)	<input type="radio"/>	<input type="radio"/>
Contract too large (13)	<input type="radio"/>	<input type="radio"/>
Selection process (14)	<input type="radio"/>	<input type="radio"/>
Unnecessary restrictive contract specifications (15)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (16)	<input type="radio"/>	<input type="radio"/>
Competing with large companies (17)	<input type="radio"/>	<input type="radio"/>

**Q18** Between **October 1, 2006 and September 30, 2011** how many times has your company **been awarded** a project as a prime contractor by ADOT&PF? [REQUIRE ANSWER]

- None 1
- 1-10 times 2
- 11-25 times 3
- 26-50 times 4
- 51-100 times 5
- Over 100 times 6

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

**Q19** When you were the prime contractor, what was the average amount of time that it typically took to receive payment for your services on projects funded by ADOT&PF?  
[REQUIRE ANSWER]

- Less than 30 days 1
- 31-60 days 2
- 61-90 days 3
- 91-120 days 4
- Over 120 days 5
- Not Applicable 6

**Q20** Between **October 1, 2006 and September 30, 2011**, have you ever submitted a bid for a ADOT&PF contract, were then informed that you were the awarded bidder and then found out that another prime contractor was actually doing the work. [REQUIRE ANSWER]

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

**Q21** As a prime contractor, are you required to have bonding for the type of work that your company bid on? [REQUIRE ANSWER]

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

**[S - IF THE ANSWER IS 2 OR 3, THEN SKIP TO QUESTION 23]**

**Q22** What is your current aggregate bonding limit? [REQUIRE ANSWER]

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

**Q23** What is your current single project bonding limit? [REQUIRE ANSWER]

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

**Q24** As a prime contractor did you experience discriminatory behavior by ADOT&PF when bidding or working on a project between 2006 and 2011? [REQUIRE ANSWER]

- Yes 1
- No 2
- Don't' Know 3
- Not Applicable 4

**[S - IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 29]**

**Q25** What was the most noticeable way you became aware of the discrimination against your company? [REQUIRE ANSWER]

- Verbal Comment 1
- Written Statement 2
- Action taken against the company 3
- Don't Know 4



- Q26** Which of the following do you consider the primary reason for your company being discriminated against? [REQUIRE ANSWER]
- Owner's race or ethnicity 1
  - Owner's gender 2
  - Don't Know 3
- Q27** When did the discrimination first occur? [REQUIRE ANSWER]
- During bidding process 1
  - After contract awarded 2
  - Don't Know 3
- Q28** Did you file a complaint? [REQUIRE ANSWER]
- Yes 1
  - No 2
  - Don't Know 3
- Q29** In general, which of the following categories best approximates your company's largest subcontract awarded between **October 1, 2006 and September 30, 2011**?
- Not applicable 1
  - Up to \$50,000? 2
  - \$50,001 to \$100,000? 3
  - \$100,001 to \$200,000? 4
  - \$200,001 to \$300,000? 5
  - \$300,001 to \$400,000? 6
  - \$400,001 to \$500,000? 7
  - \$500,001 to \$1 million? 8
  - Over \$1 million? 9
  - Don't Know 10

**Q30** In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for ADOT&PF:

[REQUIRE ANSWER TO EACH OF THE FOLLOWING]

	Yes (1)	No (2)
Performance/payment bond requirement (1)	<input type="radio"/>	<input type="radio"/>
Cost of bidding (2)	<input type="radio"/>	<input type="radio"/>
Financing (3)	<input type="radio"/>	<input type="radio"/>
Insurance (general liability, professional liability, etc.) (4)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials (5)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare bid or quote (6)	<input type="radio"/>	<input type="radio"/>
Lack of experience (7)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (8)	<input type="radio"/>	<input type="radio"/>
Contract too large (9)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (10)	<input type="radio"/>	<input type="radio"/>
Competing with large companies (11)	<input type="radio"/>	<input type="radio"/>
Bid shopping (12)	<input type="radio"/>	<input type="radio"/>

**Q31** Between **October 1, 2006 and September 30, 2011**, how many times has your company **been awarded** a subcontract with a prime contractor for a project with ADOT&PF? [REQUIRE ANSWER]

- None 1
- 1-10 times 2
- 11-25 times 3
- 26-50 times 4
- 51-100 times 5
- Over 100 times 6

[S - IF THE ANSWER IS 1, THEN SKIP TO QUESTION 34]

**Q32** Between **October 1, 2006 and September 30, 2011**, when you were a subcontractor what was the average amount of time that it typically took to receive payment for your services from the prime contractor? [REQUIRE ANSWER]

- Less than 30 days 1
- 31-60 days 2
- 61-90 days 3
- 91-120 days 4
- Over 120 days 5
- Not Applicable 6

**Q33** In your experience, how frequently have the prime contractors that you've subcontracted with delayed payment for the work or services that you performed? [REQUIRE ANSWER]

- Very Often 1
- Often 2
- Sometimes 3
- Seldom 4
- Never 5
- Don't Know/NA 6

**Q34** Between **October 1, 2006 and September 30, 2011**, have you ever submitted a bid with a prime contractor for a project with ADOT&PF, were informed that you were the successful bidder, and then found out that another subcontractor was actually doing the work. [REQUIRE ANSWER]

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

**Q35** As a subcontractor, are you required to have bonding for the type of work that your company bids? [REQUIRE ANSWER]

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

[S - IF THE ANSWER IS 2 OR 3, THEN SKIP TO QUESTION 38]

**Q36** What is your current aggregate bonding limit? [REQUIRE ANSWER]

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

**Q37** What is your current single project bonding limit? [REQUIRE ANSWER]

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

**Q38** As a subcontractor did you experience discriminatory behavior between **October 1, 2006 and September 30, 2011** from a prime contractor working or bidding on an ADOT&PF project?  
[REQUIRE ANSWER]

- Yes 1
- No 2
- Don't Know 3
- Not Applicable 4

[S - IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 43]

**Q39** What was the most noticeable way you became aware of the discrimination against your company? [REQUIRE ANSWER]

- Verbal Comment 1
- Written Statement 2
- Action taken against the company 3
- Don't Know 4

- Q40** Which of the following do you consider the primary reason for your company being discriminated against [REQUIRE ANSWER]
- Owner’s race or ethnicity 1
  - Owner’s gender 2
  - Don’t Know 3
- Q41** When did the discrimination first occur: [REQUIRE ANSWER]
- During bidding process 1
  - After contract awarded 2
  - Don’t Know 3
- Q42** Did you file a complaint? [REQUIRE ANSWER]
- Yes 1
  - No 2
  - Don’t Know 3
- Q43** Have you observed a situation in which a prime contractor includes minority or woman subcontractor in 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? [REQUIRE ANSWER]
- Yes 1
  - No 2
  - Don’t Know 3
- Q44** How often do prime contractors who use your firm as a subcontractor on public-sector projects with DBE goals solicit your firm on projects (private or public) without DBE goals? [REQUIRE ANSWER]
- Very Often 1
  - Sometimes 2
  - Seldom 3
  - Never 4
  - Not Applicable 5

**Q45** Still talking about ADOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination:  
[REQUIRE ANSWER]

	Yes (1)	No (2)
Harassment (1)	<input type="radio"/>	<input type="radio"/>
Unequal or unfair treatment (2)	<input type="radio"/>	<input type="radio"/>
Bid shopping or bid manipulation (3)	<input type="radio"/>	<input type="radio"/>
Double standards in performance (4)	<input type="radio"/>	<input type="radio"/>
Denial of opportunity to provide a quote (5)	<input type="radio"/>	<input type="radio"/>
Unfair denial of contract award (6)	<input type="radio"/>	<input type="radio"/>
Unfair termination (7)	<input type="radio"/>	<input type="radio"/>
Unequal price quotes from suppliers (8)	<input type="radio"/>	<input type="radio"/>

**Q46** For the following statement, please indicate whether you Strongly Agree, Somewhat Agree, Neither Agree Nor Disagree, Somewhat Disagree, or Strongly Disagree. [REQUIRE ANSWER]

***There is an informal network of prime contractors and subcontractors that has excluded my company from doing business in the private sector:***

- Strongly Agree 1
- Somewhat Agree 2
- Neither Agree Nor Disagree 3
- Somewhat Disagree 4
- Strongly Disagree 5

**Q47** Has your company applied for a commercial (business) bank loan between **October 1, 2006 and September 30, 2011**? [REQUIRE ANSWER]

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

**[S - IF THE ANSWER IS NOT 1, THEN SKIP TO QUESTION 50]**

**Q48** Were you approved or denied for a commercial (business) bank loan?  
[REQUIRE ANSWER]

- Approved 1
- Denied 2
- Don't Know 3

[S - IF THE ANSWER IS **NOT 2**, THEN SKIP TO QUESTION 50]

**Q49** Which of the following do you believe was the primary reason for your being denied a loan?  
[REQUIRE ANSWER]

- Insufficient Documentation (ID) 1
- Insufficient Business History (IBH) 2
- Confusion about the Process (C) 3
- Race or Ethnicity of Owner (RE) 4
- Gender of Owner (G) 5
- Don't Know 6
- Other. Please Specify \_\_\_\_\_ 7

The following questions are related to work you have done or attempted to do in the private sector marketplace. Private sector is defined as non-government businesses or companies.

**Q50** Have you experienced discriminatory behavior from the private sector between **October 1, 2006 and September 30, 2011**? [REQUIRE ANSWER]

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

[S - IF THE ANSWER IS **NOT 1**, THEN SKIP TO END OF SURVEY]

**Q51** What was the most noticeable way you became aware of the discrimination against your company? [REQUIRE ANSWER]

- Verbal comment 1
- Written statement 2
- Action taken against company 3
- Don't Know 4

**Q52** Which of the following do you consider the primary reason for your company being discriminated against [REQUIRE ANSWER]

- Owner's race or ethnicity 1
- Owner's gender 2
- Don't know 3

**Q53** When did the discrimination first occur?

[REQUIRE ANSWER]

- During bidding process 1
- After contract award 2
- Don't know 3

That completes the survey. On behalf of the Alaska DOT&PF, thank you very much for sharing your time and thoughts in this important project. **If you would like more information on the Disparity Study, please contact Mr. Dennis Good at [dennis.good@alaska.gov](mailto:dennis.good@alaska.gov) or (907) 269-0848.**



***APPENDIX G:  
SURVEY OF BUSINESS OWNERS  
RESULTS***

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SURVEY OF BUSINESS OWNERS RESULTS

**Table: Q1 What is your title? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q1 What is your title?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Owner	Count	76	81	1	0	158
	Row %	48.10%	51.27%	0.63%	0.00%	100.00%
	Column %	50.33%	35.37%	12.50%	0.00%	40.20%
	Total %	19.34%	20.61%	0.25%	0.00%	40.20%
CEO/President	Count	34	42	1	2	79
	Row %	43.04%	53.16%	1.27%	2.53%	100.00%
	Column %	22.52%	18.34%	12.50%	40.00%	20.10%
	Total %	8.65%	10.69%	0.25%	0.51%	20.10%
Manager/Financial Officer	Count	39	92	6	3	140
	Row %	27.86%	65.71%	4.29%	2.14%	100.00%
	Column %	25.83%	40.17%	75.00%	60.00%	35.62%
	Total %	9.92%	23.41%	1.53%	0.76%	35.62%
Other	Count	2	14	0	0	16
	Row %	12.50%	87.50%	0.00%	0.00%	100.00%
	Column %	1.32%	6.11%	0.00%	0.00%	4.07%
	Total %	0.51%	3.56%	0.00%	0.00%	4.07%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q2 What is your title other Formatted? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q2 What is your title other Formatted?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	148	214	8	5	375
	Row %	39.47%	57.07%	2.13%	1.33%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.47%	57.07%	2.13%	1.33%	100.00%
Total	Count	148	214	8	5	375
	Row %	39.47%	57.07%	2.13%	1.33%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.47%	57.07%	2.13%	1.33%	100.00%

**Table: Q6 Which ONE of the following is your company's primary line of business? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

		M/W/DBE or Non-M/W/DBE (not based on certification)				
Q6 Which ONE of the following is your company's primary line of business?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Construction	Count	93	162	3	3	261
	Row %	35.63%	62.07%	1.15%	1.15%	100.00%
	Column %	61.59%	70.74%	37.50%	60.00%	66.41%
	Total %	23.66%	41.22%	0.76%	0.76%	66.41%
Construction-related AELS	Count	21	39	2	1	63
	Row %	33.33%	61.90%	3.17%	1.59%	100.00%
	Column %	13.91%	17.03%	25.00%	20.00%	16.03%
	Total %	5.34%	9.92%	0.51%	0.25%	16.03%
Construction-related non-AELS	Count	15	15	2	1	33
	Row %	45.45%	45.45%	6.06%	3.03%	100.00%
	Column %	9.93%	6.55%	25.00%	20.00%	8.40%
	Total %	3.82%	3.82%	0.51%	0.25%	8.40%
Other	Count	22	13	1	0	36
	Row %	61.11%	36.11%	2.78%	0.00%	100.00%
	Column %	14.57%	5.68%	12.50%	0.00%	9.16%
	Total %	5.60%	3.31%	0.25%	0.00%	9.16%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q7 Specify Construction Formatted? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

		M/W/DBE or Non-M/W/DBE (not based on certification)				
Q7 Specify Construction Formatted?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	58	67	5	2	132
	Row %	43.94%	50.76%	3.79%	1.52%	100.00%
	Column %	38.41%	29.26%	62.50%	40.00%	33.59%
	Total %	14.76%	17.05%	1.27%	0.51%	33.59%
Aluminum Fabrication	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Asbestos work lead work & demolition in residence & commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Asphalt	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Asphalt & concrete work commercial & government entities	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Brick Masonry	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Bridges & road construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Build Road & Bridges Construction for foundations & concrete	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Building Bridges	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building Construction commercial & private	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building Renovations	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Building bridges	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Building contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building houses	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building power lines Journey Linemen	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Building wiring	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Cable	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Civil Construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Civil Dirt Work Construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Civil construction that does roads	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Commercial	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Commercial & institutional construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Commercial & light industry work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Commercial Buildings	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial Concrete	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial Plumbing & Heating	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial buildings is the specialty	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial construction building erection & remodeling	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial diver support & hazmat response	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete & masonry company residential & commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Concrete construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete cutting & demolition	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete placement	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete subcontractor	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete work	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
Construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Construction based retail sales	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Construction carpentry	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Construction management	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Construction trucking	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%

Constructions Drivers	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Demolition	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt Contractors	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt work excavation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Drilling	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Drilling Contractor	Count	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.25%
Drywall	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall & Painting	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Drywall & building	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall & painting Contractor	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%



Drywall commercial only	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall residence & commercial work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Electric	Count	0	1	0	1	2
	Row %	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.25%	0.51%
Electric work & siding in metal buildings	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Electrical	Count	3	8	1	1	13
	Row %	23.08%	61.54%	7.69%	7.69%	100.00%
	Column %	1.99%	3.49%	12.50%	20.00%	3.31%
	Total %	0.76%	2.04%	0.25%	0.25%	3.31%
Electrical Construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Electrical Construction Commercial Residential & Industrial	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Electrical construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Electrical contractor	Count	2	0	0	0	2
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.00%	0.00%	0.00%	0.51%
	Total %	0.51%	0.00%	0.00%	0.00%	0.51%
Electrical contractor for residential & commercial work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Electrical general license	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Electrical service for residential & commercial work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Excavating	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
Excavation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation Company	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation construction & concrete	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Exterior wall construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing & guardrails	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Floor Covering	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Floor covering	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Flooring glazing acoustical ceilings blinds tile	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Foundation repairs for commercial & residential work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General	Count	5	13	0	0	18
	Row %	27.78%	72.22%	0.00%	0.00%	100.00%
	Column %	3.31%	5.68%	0.00%	0.00%	4.58%
	Total %	1.27%	3.31%	0.00%	0.00%	4.58%
General contractor commercial & residential	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General contractors commercial only	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General & Electrical Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General & heavy civil construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General Contracting	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General Contracting Coding	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

General Contracting building	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General Contractor	Count	3	4	0	0	7
	Row %	42.86%	57.14%	0.00%	0.00%	100.00%
	Column %	1.99%	1.75%	0.00%	0.00%	1.78%
	Total %	0.76%	1.02%	0.00%	0.00%	1.78%
General Contractor hazardous demolition	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General Contractor Structural mover	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General Contractor site work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General Contractors	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
General building engineering	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General civil contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General con	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

General construction Oil field support	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General construction & leasing	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General construction mostly all commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contracting	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contracting for commercial work base operations support services for the government	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General contractor	Count	6	5	0	0	11
	Row %	54.55%	45.45%	0.00%	0.00%	100.00%
	Column %	3.97%	2.18%	0.00%	0.00%	2.80%
	Total %	1.53%	1.27%	0.00%	0.00%	2.80%
General contractor & heavy industrial construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General contractor & mechanical	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor electrical & security	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General contractor for Highway & airport runways Civil Construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

General contractor for commercial & residential	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor for commercial work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor for state: cleaning storm water catch basins	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General contractors	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
General contractors installation inspection of sprinkler systems	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Grading & Paving	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
Guard rails etc	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
HVAC	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
HVAC contractor for new construction & renovations also do custom fabrication as well	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
HVAC primarily commercial	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

HVAC service & installation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Hauling of construction materials gravel asphalt remove & placement	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Hauling rock	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Havoc	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy & commercial buildings	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy Civil Construction & Oil Field Services	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy Commercial	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy Construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy Construction road reconstruction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy civil	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%

Heavy civil construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy construction	Count	1	4	0	0	5
	Row %	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.75%	0.00%	0.00%	1.27%
	Total %	0.25%	1.02%	0.00%	0.00%	1.27%
Heavy construction cranes	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy construction foundations etc	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy construction road work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy dirt & equipment contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy equipment	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
Industrial & commercial building construction renovations etc	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Industrial painting higloss finishing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Install garage doors	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%



Install insulation for commercial buildings	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Installation of flooring	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Insulation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Land clearing for Commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Land development for subdivision water & pipe line & sewage construction General Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Manufacturing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Marine construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Mechanical construction	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Mechanical construction which is plumbing heating & welding	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
MunicipalCommercial Building Construction general contactor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Painting	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Painting & Dry Wall	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Painting Company	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Pavement Preservation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Paving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Pile driving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Pile ridding	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Piles foundations drilling all commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Plastering	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Plumbing & Heating company for residential & commercial work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Plumbing & heating	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing & heating contractor for residential & commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing & mechanical	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing heating fire protection	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Power line Work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Put up steel buildings	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Rebuilding	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Road & Highway Concretes	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Road & parking lot	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Road & utilities	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Road construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Road maintenance storm repair & cleaning ditches private home site development	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Roofing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Roofs & gutters	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Sales administrative Traffic Control	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Sand & gravel	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Service & maintenance of fuelrelated equipment	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Service work installation for schools specialty contractor	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Sewer lines water lines road construction concrete work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Small tenant improvements & commercial door & hard installing	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Specialty Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Specialty contracting	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty contractors installation of doors	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Steel erection company for commerical work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Street road highway & bridges	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Streetlight illumination & signalization	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Telecommunications construction & engineering	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Terminal operator Crane service	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Tile Driving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Tractors & Trucking	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Traffic control for contractors on city & state projects	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Tree services	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Trucking	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Underground irrigation landscape irrigation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Unloading ships crane rental	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Utility work heavy construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Ventilation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Vertical	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
Vertical Improvements	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Vertical building construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Verticle construction Building	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
commercial HVAC & plumbing mechanical contractor for residential & commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
commercial construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
electrical for industrial & commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
fencing co	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
fire sprinklers & fire alarms	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
general	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
general contractor primarily civil construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q7 Specify Construction Formatted? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q7 Specify Construction Formatted?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	58	67	5	2	132
	Row %	43.94%	50.76%	3.79%	1.52%	100.00%
	Column %	38.41%	29.26%	62.50%	40.00%	33.59%
	Total %	14.76%	17.05%	1.27%	0.51%	33.59%
Aluminum Fabrication	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Asbestos Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Asphalt Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Brick Masonry	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Building Contractor	Count	7	18	1	0	26
	Row %	26.92%	69.23%	3.85%	0.00%	100.00%
	Column %	4.64%	7.86%	12.50%	0.00%	6.62%
	Total %	1.78%	4.58%	0.25%	0.00%	6.62%
Cable	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Civil Dirt Work Construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete Contractor	Count	2	10	0	0	12
	Row %	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	1.32%	4.37%	0.00%	0.00%	3.05%
	Total %	0.51%	2.54%	0.00%	0.00%	3.05%



Construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Construction Drivers	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Construction carpentry	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Construction management	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Demolition	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt Contractors	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt work excavation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Drilling Contractor	Count	0	1	0	1	2
	Row %	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.25%	0.51%
Drywall	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Electrical Contractor	Count	10	11	1	2	24
	Row %	41.67%	45.83%	4.17%	8.33%	100.00%
	Column %	6.62%	4.80%	12.50%	40.00%	6.11%
	Total %	2.54%	2.80%	0.25%	0.51%	6.11%

Excavating	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
Excavation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation Company	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing & Guardrails Contractor	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
Flooring Contractor	Count	1	3	0	0	4
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.31%	0.00%	0.00%	1.02%
	Total %	0.25%	0.76%	0.00%	0.00%	1.02%
General	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
General & Electrical Contractor	Count	2	1	0	0	3
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	1.32%	0.44%	0.00%	0.00%	0.76%
	Total %	0.51%	0.25%	0.00%	0.00%	0.76%
General Contracting	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General Contractor	Count	22	30	0	0	52
	Row %	42.31%	57.69%	0.00%	0.00%	100.00%
	Column %	14.57%	13.10%	0.00%	0.00%	13.23%
	Total %	5.60%	7.63%	0.00%	0.00%	13.23%
General Contractor site work	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

General con	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General construction Oil field support	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
General construction & leasing	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
General contractor	Count	3	1	0	0	4
	Row %	75.00%	25.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.44%	0.00%	0.00%	1.02%
	Total %	0.76%	0.25%	0.00%	0.00%	1.02%
General contractor & heavy industrial construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Grading & Paving	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
Guard rails etc	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
HVAC Contractor	Count	2	12	0	0	14
	Row %	14.29%	85.71%	0.00%	0.00%	100.00%
	Column %	1.32%	5.24%	0.00%	0.00%	3.56%
	Total %	0.51%	3.05%	0.00%	0.00%	3.56%
Hauling Contractor	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
Hauling rock	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Havoc	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy & Civil Construction	Count	10	20	0	0	30
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	6.62%	8.73%	0.00%	0.00%	7.63%
	Total %	2.54%	5.09%	0.00%	0.00%	7.63%
Heavy & Civil Construction Utilities	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy Construction	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
Heavy Construction Equipment	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy dirt & equipment contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy equipment	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
Install garage doors	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Insulation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Land clearing for Commercial	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Land development for subdivision water & pipe line & sewage construction General Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Manufacturing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Marine construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Painting Contractor	Count	2	4	0	0	6
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.32%	1.75%	0.00%	0.00%	1.53%
	Total %	0.51%	1.02%	0.00%	0.00%	1.53%
Pavement Preservation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Paving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Pile driving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Pile ridding	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Plastering	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Plumbing & heating	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Plumbing heating fire protection	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Power line Work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Roofing Contractors	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Sand & gravel	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Service & maintenance of fuelrelated equipment	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Service work installation for schools specialty contractor	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty Contractor	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Specialty contracting	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty contractors installation of doors	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Streetlight illumination & signalization	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Telecommunications construction & engineering	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Terminal operator Crane service	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Tile Driving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Traffic Control Contractors	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Tree services	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Underground irrigation landscape irrigation	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Unloading ships crane rental	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Utility work heavy construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
fire sprinklers & fire alarms	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
general	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q8 Specify Construction-related AELS professional services? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q8 Specify Construction-related AELS professional services?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	130	190	6	4	330
	Row %	39.39%	57.58%	1.82%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.39%	57.58%	1.82%	1.21%	100.00%
Total	Count	130	190	6	4	330
	Row %	39.39%	57.58%	1.82%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.39%	57.58%	1.82%	1.21%	100.00%

**Table: Q8 Specify Construction-related AELS professional services Formatted? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q8 Specify Construction-related AELS professional services Formatted?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	130	191	6	4	331
	Row %	39.27%	57.70%	1.81%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.27%	57.70%	1.81%	1.21%	100.00%
Total	Count	130	191	6	4	331
	Row %	39.27%	57.70%	1.81%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	39.27%	57.70%	1.81%	1.21%	100.00%

**Table: Q9 Specify Construction-related non-AELS professional services? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q9 Specify Construction-related non-AELS professional services?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
	Count	136	214	6	4	360
	Row %	37.78%	59.44%	1.67%	1.11%	100.00%
	Column %	90.07%	93.45%	75.00%	80.00%	91.60%
	Total %	34.61%	54.45%	1.53%	1.02%	91.60%



Calibrate plants & asphalt aggregate crusher plant	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Civil engineering consultant not a contractor not an engineer	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial Sales Forklifts & Warehouse Shelving	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Construction support	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Drains cleaning for the state of Alaska these are drain in ditches	Column %	0	1	0	0	1
	Total %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Enviormental Services	Column %	1	1	1	0	3
	Total %	33.33%	33.33%	33.33%	0.00%	100.00%
	Count	0.66%	0.44%	12.50%	0.00%	0.76%
	Row %	0.25%	0.25%	0.25%	0.00%	0.76%
Environmental	Column %	1	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Gravel extraction & Gravel Hauling	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy load construction	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Insulation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Management Consulting Cleaning Services	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Power Driving	Column %	1	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Provide Construction To Job Sites	Column %	0	0	1	0	1
	Total %	0.00%	0.00%	100.00%	0.00%	100.00%
	Count	0.00%	0.00%	12.50%	0.00%	0.25%
	Row %	0.00%	0.00%	0.25%	0.00%	0.25%
Pump & well services	Column %	0	1	0	0	1
	Total %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Residential Sales	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Right of Way Tree Excavation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Road signs	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Roadway repairs & other types of roadway construction	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Sales & service of industrial rotating equipment	Column %	1	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%

Shipping & printing	Column %	1	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Steel fabrication & install	Column %	0	0	0	1	1
	Total %	0.00%	0.00%	0.00%	100.00%	100.00%
	Count	0.00%	0.00%	0.00%	20.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.25%	0.25%
Storm water management	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Storm water pollution plans	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Storm water pollution prevention & erosion control	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Testing & adjusting balancing	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Trucking	Column %	0	1	0	0	1
	Total %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Underground Water & Sewer	Column %	1	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.66%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.25%
Utilities	Column %	0	1	0	0	1
	Total %	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.25%	0.00%	0.00%	0.25%
Water systems	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

I	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q9 Specify Construction-related non-AELS professional services Formatted? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q9 Specify Construction-related non-AELS professional services Formatted?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	134	211	6	4	355
	Row %	37.75%	59.44%	1.69%	1.13%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	37.75%	59.44%	1.69%	1.13%	100.00%
Total	Count	134	211	6	4	355
	Row %	37.75%	59.44%	1.69%	1.13%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	37.75%	59.44%	1.69%	1.13%	100.00%

**Table: Q10 Specify Other? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q10 Specify Other?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	129	216	7	5	357
	Row %	36.13%	60.50%	1.96%	1.40%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	36.13%	60.50%	1.96%	1.40%	100.00%
Total	Count	129	216	7	5	357
	Row %	36.13%	60.50%	1.96%	1.40%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	36.13%	60.50%	1.96%	1.40%	100.00%

**Table: Q11 Is more than 50% of your company owned and controlled by a woman or women? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q11 Is more than 50% of your company owned and controlled by a woman or women?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	91	0	1	0	92
	Row %	98.91%	0.00%	1.09%	0.00%	100.00%
	Column %	60.26%	0.00%	12.50%	0.00%	23.41%
	Total %	23.16%	0.00%	0.25%	0.00%	23.41%
No	Count	59	229	7	5	300
	Row %	19.67%	76.33%	2.33%	1.67%	100.00%
	Column %	39.07%	100.00%	87.50%	100.00%	76.34%
	Total %	15.01%	58.27%	1.78%	1.27%	76.34%
Don't Know	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q12 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q12 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Anglo/Causasian/White	Count	69	229	0	0	298
	Row %	23.15%	76.85%	0.00%	0.00%	100.00%
	Column %	45.70%	100.00%	0.00%	0.00%	75.83%
	Total %	17.56%	58.27%	0.00%	0.00%	75.83%
Black/African American	Count	6	0	0	0	6
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	3.97%	0.00%	0.00%	0.00%	1.53%
	Total %	1.53%	0.00%	0.00%	0.00%	1.53%
Asian	Count	7	0	0	0	7
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	4.64%	0.00%	0.00%	0.00%	1.78%
	Total %	1.78%	0.00%	0.00%	0.00%	1.78%

Hispanic/Latino	Count	7	0	0	0	7
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	4.64%	0.00%	0.00%	0.00%	1.78%
	Total %	1.78%	0.00%	0.00%	0.00%	1.78%
American Indian/Alaskan Native	Count	44	0	0	0	44
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	29.14%	0.00%	0.00%	0.00%	11.20%
	Total %	11.20%	0.00%	0.00%	0.00%	11.20%
Alaskan Native Corporations	Count	18	0	0	0	18
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	11.92%	0.00%	0.00%	0.00%	4.58%
	Total %	4.58%	0.00%	0.00%	0.00%	4.58%
Don't Know	Count	0	0	8	0	8
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	100.00%	0.00%	2.04%
	Total %	0.00%	0.00%	2.04%	0.00%	2.04%
Other	Count	0	0	0	5	5
	Row %	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	100.00%	1.27%
	Total %	0.00%	0.00%	0.00%	1.27%	1.27%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q13 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups Specify Other? \***  
**M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q13 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups Specify Other?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Total
No Response	Count	151	225	7	383
	Row %	39.43%	58.75%	1.83%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%
	Total %	39.43%	58.75%	1.83%	100.00%
Total	Count	151	225	7	383
	Row %	39.43%	58.75%	1.83%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%
	Total %	39.43%	58.75%	1.83%	100.00%

**Table: Q14 What is the highest level of education completed by the primary owner of your company? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q14 What is the highest level of education completed by the primary owner of your company?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Some high school	Count	1	8	0	0	9
	Row %	11.11%	88.89%	0.00%	0.00%	100.00%
	Column %	0.66%	3.49%	0.00%	0.00%	2.29%
	Total %	0.25%	2.04%	0.00%	0.00%	2.29%
High school graduate	Count	34	53	0	0	87
	Row %	39.08%	60.92%	0.00%	0.00%	100.00%
	Column %	22.52%	23.14%	0.00%	0.00%	22.14%
	Total %	8.65%	13.49%	0.00%	0.00%	22.14%
Trade or technical education	Count	6	15	0	0	21
	Row %	28.57%	71.43%	0.00%	0.00%	100.00%
	Column %	3.97%	6.55%	0.00%	0.00%	5.34%
	Total %	1.53%	3.82%	0.00%	0.00%	5.34%
Some College	Count	32	47	1	1	81
	Row %	39.51%	58.02%	1.23%	1.23%	100.00%
	Column %	21.19%	20.52%	12.50%	20.00%	20.61%
	Total %	8.14%	11.96%	0.25%	0.25%	20.61%
College degree	Count	49	72	2	1	124
	Row %	39.52%	58.06%	1.61%	0.81%	100.00%
	Column %	32.45%	31.44%	25.00%	20.00%	31.55%
	Total %	12.47%	18.32%	0.51%	0.25%	31.55%
Post graduate degree	Count	19	21	2	1	43
	Row %	44.19%	48.84%	4.65%	2.33%	100.00%
	Column %	12.58%	9.17%	25.00%	20.00%	10.94%
	Total %	4.83%	5.34%	0.51%	0.25%	10.94%
No response/Don't Know	Count	10	13	3	2	28
	Row %	35.71%	46.43%	10.71%	7.14%	100.00%
	Column %	6.62%	5.68%	37.50%	40.00%	7.12%
	Total %	2.54%	3.31%	0.76%	0.51%	7.12%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

Table: Q15 In what year was your company established? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)

Q15 In what year was your company established?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
1810	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1853	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
1880	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1887	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
1924	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1934	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
1940	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1946	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
1947	Count	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.25%



1949	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1950	Count	1	3	0	0	4
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.31%	0.00%	0.00%	1.02%
	Total %	0.25%	0.76%	0.00%	0.00%	1.02%
1951	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
1952	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1954	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
1955	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1956	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1958	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1960	Count	0	1	0	1	2
	Row %	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.25%	0.51%
1961	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%

1962	Count	0	1	1	1	3
	Row %	0.00%	33.33%	33.33%	33.33%	100.00%
	Column %	0.00%	0.44%	12.50%	20.00%	0.76%
	Total %	0.00%	0.25%	0.25%	0.25%	0.76%
1964	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1965	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1966	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
1967	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1968	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
1969	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
1970	Count	1	3	0	1	5
	Row %	20.00%	60.00%	0.00%	20.00%	100.00%
	Column %	0.66%	1.31%	0.00%	20.00%	1.27%
	Total %	0.25%	0.76%	0.00%	0.25%	1.27%
1971	Count	2	3	0	1	6
	Row %	33.33%	50.00%	0.00%	16.67%	100.00%
	Column %	1.32%	1.31%	0.00%	20.00%	1.53%
	Total %	0.51%	0.76%	0.00%	0.25%	1.53%
1972	Count	2	6	0	0	8
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	1.32%	2.62%	0.00%	0.00%	2.04%
	Total %	0.51%	1.53%	0.00%	0.00%	2.04%

1973	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
1974	Count	2	8	0	0	10
	Row %	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	1.32%	3.49%	0.00%	0.00%	2.54%
	Total %	0.51%	2.04%	0.00%	0.00%	2.54%
1975	Count	2	4	0	0	6
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.32%	1.75%	0.00%	0.00%	1.53%
	Total %	0.51%	1.02%	0.00%	0.00%	1.53%
1976	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
1977	Count	4	2	0	0	6
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	2.65%	0.87%	0.00%	0.00%	1.53%
	Total %	1.02%	0.51%	0.00%	0.00%	1.53%
1978	Count	4	6	1	0	11
	Row %	36.36%	54.55%	9.09%	0.00%	100.00%
	Column %	2.65%	2.62%	12.50%	0.00%	2.80%
	Total %	1.02%	1.53%	0.25%	0.00%	2.80%
1979	Count	0	5	0	0	5
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	2.18%	0.00%	0.00%	1.27%
	Total %	0.00%	1.27%	0.00%	0.00%	1.27%
1980	Count	1	8	0	0	9
	Row %	11.11%	88.89%	0.00%	0.00%	100.00%
	Column %	0.66%	3.49%	0.00%	0.00%	2.29%
	Total %	0.25%	2.04%	0.00%	0.00%	2.29%
1981	Count	4	5	0	0	9
	Row %	44.44%	55.56%	0.00%	0.00%	100.00%
	Column %	2.65%	2.18%	0.00%	0.00%	2.29%
	Total %	1.02%	1.27%	0.00%	0.00%	2.29%
1982	Count	5	10	0	0	15
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	3.31%	4.37%	0.00%	0.00%	3.82%
	Total %	1.27%	2.54%	0.00%	0.00%	3.82%

1983	Count	4	9	0	0	13
	Row %	30.77%	69.23%	0.00%	0.00%	100.00%
	Column %	2.65%	3.93%	0.00%	0.00%	3.31%
	Total %	1.02%	2.29%	0.00%	0.00%	3.31%
1984	Count	3	4	0	0	7
	Row %	42.86%	57.14%	0.00%	0.00%	100.00%
	Column %	1.99%	1.75%	0.00%	0.00%	1.78%
	Total %	0.76%	1.02%	0.00%	0.00%	1.78%
1985	Count	1	8	1	0	10
	Row %	10.00%	80.00%	10.00%	0.00%	100.00%
	Column %	0.66%	3.49%	12.50%	0.00%	2.54%
	Total %	0.25%	2.04%	0.25%	0.00%	2.54%
1986	Count	1	4	0	0	5
	Row %	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.75%	0.00%	0.00%	1.27%
	Total %	0.25%	1.02%	0.00%	0.00%	1.27%
1987	Count	0	4	0	0	4
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	1.75%	0.00%	0.00%	1.02%
	Total %	0.00%	1.02%	0.00%	0.00%	1.02%
1988	Count	0	4	0	0	4
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	1.75%	0.00%	0.00%	1.02%
	Total %	0.00%	1.02%	0.00%	0.00%	1.02%
1989	Count	5	4	0	0	9
	Row %	55.56%	44.44%	0.00%	0.00%	100.00%
	Column %	3.31%	1.75%	0.00%	0.00%	2.29%
	Total %	1.27%	1.02%	0.00%	0.00%	2.29%
1990	Count	3	6	0	0	9
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.99%	2.62%	0.00%	0.00%	2.29%
	Total %	0.76%	1.53%	0.00%	0.00%	2.29%
1991	Count	0	2	0	0	2
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.51%	0.00%	0.00%	0.51%
1992	Count	5	5	0	0	10
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	3.31%	2.18%	0.00%	0.00%	2.54%
	Total %	1.27%	1.27%	0.00%	0.00%	2.54%

1993	Count	7	7	0	0	14
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	4.64%	3.06%	0.00%	0.00%	3.56%
	Total %	1.78%	1.78%	0.00%	0.00%	3.56%
1994	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
1995	Count	3	7	0	0	10
	Row %	30.00%	70.00%	0.00%	0.00%	100.00%
	Column %	1.99%	3.06%	0.00%	0.00%	2.54%
	Total %	0.76%	1.78%	0.00%	0.00%	2.54%
1996	Count	3	5	0	0	8
	Row %	37.50%	62.50%	0.00%	0.00%	100.00%
	Column %	1.99%	2.18%	0.00%	0.00%	2.04%
	Total %	0.76%	1.27%	0.00%	0.00%	2.04%
1997	Count	6	7	0	0	13
	Row %	46.15%	53.85%	0.00%	0.00%	100.00%
	Column %	3.97%	3.06%	0.00%	0.00%	3.31%
	Total %	1.53%	1.78%	0.00%	0.00%	3.31%
1998	Count	1	5	0	0	6
	Row %	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	0.66%	2.18%	0.00%	0.00%	1.53%
	Total %	0.25%	1.27%	0.00%	0.00%	1.53%
1999	Count	9	6	0	0	15
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	5.96%	2.62%	0.00%	0.00%	3.82%
	Total %	2.29%	1.53%	0.00%	0.00%	3.82%
2000	Count	10	6	1	0	17
	Row %	58.82%	35.29%	5.88%	0.00%	100.00%
	Column %	6.62%	2.62%	12.50%	0.00%	4.33%
	Total %	2.54%	1.53%	0.25%	0.00%	4.33%
2001	Count	5	4	0	0	9
	Row %	55.56%	44.44%	0.00%	0.00%	100.00%
	Column %	3.31%	1.75%	0.00%	0.00%	2.29%
	Total %	1.27%	1.02%	0.00%	0.00%	2.29%
2002	Count	3	3	0	0	6
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.99%	1.31%	0.00%	0.00%	1.53%
	Total %	0.76%	0.76%	0.00%	0.00%	1.53%

2003	Count	5	6	0	0	11
	Row %	45.45%	54.55%	0.00%	0.00%	100.00%
	Column %	3.31%	2.62%	0.00%	0.00%	2.80%
	Total %	1.27%	1.53%	0.00%	0.00%	2.80%
2004	Count	1	6	1	0	8
	Row %	12.50%	75.00%	12.50%	0.00%	100.00%
	Column %	0.66%	2.62%	12.50%	0.00%	2.04%
	Total %	0.25%	1.53%	0.25%	0.00%	2.04%
2005	Count	5	4	1	0	10
	Row %	50.00%	40.00%	10.00%	0.00%	100.00%
	Column %	3.31%	1.75%	12.50%	0.00%	2.54%
	Total %	1.27%	1.02%	0.25%	0.00%	2.54%
2006	Count	5	6	0	0	11
	Row %	45.45%	54.55%	0.00%	0.00%	100.00%
	Column %	3.31%	2.62%	0.00%	0.00%	2.80%
	Total %	1.27%	1.53%	0.00%	0.00%	2.80%
2007	Count	5	3	0	0	8
	Row %	62.50%	37.50%	0.00%	0.00%	100.00%
	Column %	3.31%	1.31%	0.00%	0.00%	2.04%
	Total %	1.27%	0.76%	0.00%	0.00%	2.04%
2008	Count	6	4	0	0	10
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	3.97%	1.75%	0.00%	0.00%	2.54%
	Total %	1.53%	1.02%	0.00%	0.00%	2.54%
2009	Count	5	4	0	0	9
	Row %	55.56%	44.44%	0.00%	0.00%	100.00%
	Column %	3.31%	1.75%	0.00%	0.00%	2.29%
	Total %	1.27%	1.02%	0.00%	0.00%	2.29%
2010	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
2011	Count	3	0	0	0	3
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.00%	0.00%	0.00%	0.76%
	Total %	0.76%	0.00%	0.00%	0.00%	0.76%
2012	Count	2	0	0	0	2
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.00%	0.00%	0.00%	0.51%
	Total %	0.51%	0.00%	0.00%	0.00%	0.51%

2013	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
No Response	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q16 How many years of experience in your company's line of business does the primary owners of your firm have? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q16 How many years of experience in your company's line of business does the primary owners of your firm have?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
0-5 years	Count	8	0	0	0	8
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	5.30%	0.00%	0.00%	0.00%	2.04%
	Total %	2.04%	0.00%	0.00%	0.00%	2.04%
6-10 years	Count	6	2	0	0	8
	Row %	75.00%	25.00%	0.00%	0.00%	100.00%
	Column %	3.97%	0.87%	0.00%	0.00%	2.04%
	Total %	1.53%	0.51%	0.00%	0.00%	2.04%
11-15 years	Count	19	11	1	0	31
	Row %	61.29%	35.48%	3.23%	0.00%	100.00%
	Column %	12.58%	4.80%	12.50%	0.00%	7.89%
	Total %	4.83%	2.80%	0.25%	0.00%	7.89%
16-20 years	Count	15	4	1	0	20
	Row %	75.00%	20.00%	5.00%	0.00%	100.00%
	Column %	9.93%	1.75%	12.50%	0.00%	5.09%
	Total %	3.82%	1.02%	0.25%	0.00%	5.09%
20+ years	Count	102	208	5	5	320
	Row %	31.88%	65.00%	1.56%	1.56%	100.00%
	Column %	67.55%	90.83%	62.50%	100.00%	81.42%
	Total %	25.95%	52.93%	1.27%	1.27%	81.42%

No response/Don't Know	Count	1	4	1	0	6
	Row %	16.67%	66.67%	16.67%	0.00%	100.00%
	Column %	0.66%	1.75%	12.50%	0.00%	1.53%
	Total %	0.25%	1.02%	0.25%	0.00%	1.53%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q17 On average, how many employees does your company keep on the payroll, including full-time and part-time staff? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q17 On average, how many employees does your company keep on the payroll, including full-time and part-time staff?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
0-10 employees	Count	86	112	1	0	199
	Row %	43.22%	56.28%	0.50%	0.00%	100.00%
	Column %	56.95%	48.91%	12.50%	0.00%	50.64%
	Total %	21.88%	28.50%	0.25%	0.00%	50.64%
11-20 employees	Count	31	64	2	2	99
	Row %	31.31%	64.65%	2.02%	2.02%	100.00%
	Column %	20.53%	27.95%	25.00%	40.00%	25.19%
	Total %	7.89%	16.28%	0.51%	0.51%	25.19%
21-30 employees	Count	15	14	1	0	30
	Row %	50.00%	46.67%	3.33%	0.00%	100.00%
	Column %	9.93%	6.11%	12.50%	0.00%	7.63%
	Total %	3.82%	3.56%	0.25%	0.00%	7.63%
31-40 employees	Count	4	6	1	0	11
	Row %	36.36%	54.55%	9.09%	0.00%	100.00%
	Column %	2.65%	2.62%	12.50%	0.00%	2.80%
	Total %	1.02%	1.53%	0.25%	0.00%	2.80%
41+ employees	Count	15	33	3	3	54
	Row %	27.78%	61.11%	5.56%	5.56%	100.00%
	Column %	9.93%	14.41%	37.50%	60.00%	13.74%
	Total %	3.82%	8.40%	0.76%	0.76%	13.74%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%



**Table: Q18 Which of the following categories best approximates your company's gross revenues for calendar year 2011? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q18 Which of the following categories best approximates your company's gross revenues for calendar year 2011?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Not a Valid Response	Count	17	16	0	0	33
	Row %	51.52%	48.48%	0.00%	0.00%	100.00%
	Column %	11.26%	6.99%	0.00%	0.00%	8.40%
	Total %	4.33%	4.07%	0.00%	0.00%	8.40%
Up to \$50,000	Count	5	6	0	0	11
	Row %	45.45%	54.55%	0.00%	0.00%	100.00%
	Column %	3.31%	2.62%	0.00%	0.00%	2.80%
	Total %	1.27%	1.53%	0.00%	0.00%	2.80%
\$50,001 to \$100,000	Count	6	11	0	0	17
	Row %	35.29%	64.71%	0.00%	0.00%	100.00%
	Column %	3.97%	4.80%	0.00%	0.00%	4.33%
	Total %	1.53%	2.80%	0.00%	0.00%	4.33%
\$100,001 to \$300,000	Count	13	17	0	0	30
	Row %	43.33%	56.67%	0.00%	0.00%	100.00%
	Column %	8.61%	7.42%	0.00%	0.00%	7.63%
	Total %	3.31%	4.33%	0.00%	0.00%	7.63%
\$300,001 to \$500,000	Count	17	15	0	0	32
	Row %	53.13%	46.88%	0.00%	0.00%	100.00%
	Column %	11.26%	6.55%	0.00%	0.00%	8.14%
	Total %	4.33%	3.82%	0.00%	0.00%	8.14%
\$500,001 to \$1 million	Count	16	38	0	1	55
	Row %	29.09%	69.09%	0.00%	1.82%	100.00%
	Column %	10.60%	16.59%	0.00%	20.00%	13.99%
	Total %	4.07%	9.67%	0.00%	0.25%	13.99%
\$1,000,001 to \$3 million	Count	32	56	1	0	89
	Row %	35.96%	62.92%	1.12%	0.00%	100.00%
	Column %	21.19%	24.45%	12.50%	0.00%	22.65%
	Total %	8.14%	14.25%	0.25%	0.00%	22.65%
\$3,000,001 to \$5 million	Count	12	15	1	1	29
	Row %	41.38%	51.72%	3.45%	3.45%	100.00%
	Column %	7.95%	6.55%	12.50%	20.00%	7.38%
	Total %	3.05%	3.82%	0.25%	0.25%	7.38%
\$5,000,001 to \$10 million	Count	14	31	0	1	46
	Row %	30.43%	67.39%	0.00%	2.17%	100.00%
	Column %	9.27%	13.54%	0.00%	20.00%	11.70%
	Total %	3.56%	7.89%	0.00%	0.25%	11.70%

Over \$10 million	Count	18	22	6	2	48
	Row %	37.50%	45.83%	12.50%	4.17%	100.00%
	Column %	11.92%	9.61%	75.00%	40.00%	12.21%
	Total %	4.58%	5.60%	1.53%	0.51%	12.21%
Don't Know	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19A Does your company hold any of the following certifications from a recognized certification agency: Minority Business Enterprise? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19A Does your company hold any of the following certifications from a recognized certification agency: Minority Business Enterprise?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	36	1	0	0	37
	Row %	97.30%	2.70%	0.00%	0.00%	100.00%
	Column %	23.84%	0.44%	0.00%	0.00%	9.41%
	Total %	9.16%	0.25%	0.00%	0.00%	9.41%
No	Count	108	226	8	5	347
	Row %	31.12%	65.13%	2.31%	1.44%	100.00%
	Column %	71.52%	98.69%	100.00%	100.00%	88.30%
	Total %	27.48%	57.51%	2.04%	1.27%	88.30%
Don't Know	Count	7	2	0	0	9
	Row %	77.78%	22.22%	0.00%	0.00%	100.00%
	Column %	4.64%	0.87%	0.00%	0.00%	2.29%
	Total %	1.78%	0.51%	0.00%	0.00%	2.29%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19B Does your company hold any of the following certifications from a recognized certification agency: Small Business Enterprise? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19B Does your company hold any of the following certifications from a recognized certification agency: Small Business Enterprise?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	56	81	0	1	138
	Row %	40.58%	58.70%	0.00%	0.72%	100.00%
	Column %	37.09%	35.37%	0.00%	20.00%	35.11%
	Total %	14.25%	20.61%	0.00%	0.25%	35.11%
No	Count	86	137	8	3	234
	Row %	36.75%	58.55%	3.42%	1.28%	100.00%
	Column %	56.95%	59.83%	100.00%	60.00%	59.54%
	Total %	21.88%	34.86%	2.04%	0.76%	59.54%
Don't Know	Count	9	11	0	1	21
	Row %	42.86%	52.38%	0.00%	4.76%	100.00%
	Column %	5.96%	4.80%	0.00%	20.00%	5.34%
	Total %	2.29%	2.80%	0.00%	0.25%	5.34%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19C Does your company hold any of the following certifications from a recognized certification agency: Woman Business Enterprise? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19C Does your company hold any of the following certifications from a recognized certification agency: Woman Business Enterprise?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	29	2	1	0	32
	Row %	90.63%	6.25%	3.13%	0.00%	100.00%
	Column %	19.21%	0.87%	12.50%	0.00%	8.14%
	Total %	7.38%	0.51%	0.25%	0.00%	8.14%
No	Count	116	224	7	5	352
	Row %	32.95%	63.64%	1.99%	1.42%	100.00%
	Column %	76.82%	97.82%	87.50%	100.00%	89.57%
	Total %	29.52%	57.00%	1.78%	1.27%	89.57%
Don't Know	Count	6	3	0	0	9
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	3.97%	1.31%	0.00%	0.00%	2.29%
	Total %	1.53%	0.76%	0.00%	0.00%	2.29%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19D Does your company hold any of the following certifications from a recognized certification agency: Disadvantaged Business Enterprise? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19D Does your company hold any of the following certifications from a recognized certification agency: Disadvantaged Business Enterprise?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	63	5	0	0	68
	Row %	92.65%	7.35%	0.00%	0.00%	100.00%
	Column %	41.72%	2.18%	0.00%	0.00%	17.30%
	Total %	16.03%	1.27%	0.00%	0.00%	17.30%
No	Count	84	220	8	5	317
	Row %	26.50%	69.40%	2.52%	1.58%	100.00%
	Column %	55.63%	96.07%	100.00%	100.00%	80.66%
	Total %	21.37%	55.98%	2.04%	1.27%	80.66%
Don't Know	Count	4	4	0	0	8
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	2.65%	1.75%	0.00%	0.00%	2.04%
	Total %	1.02%	1.02%	0.00%	0.00%	2.04%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19E Does your company hold any of the following certifications from a recognized certification agency: HUBZone? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19E Does your company hold any of the following certifications from a recognized certification agency: HUBZone?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	26	26	0	0	52
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	17.22%	11.35%	0.00%	0.00%	13.23%
	Total %	6.62%	6.62%	0.00%	0.00%	13.23%
No	Count	123	196	8	5	332
	Row %	37.05%	59.04%	2.41%	1.51%	100.00%
	Column %	81.46%	85.59%	100.00%	100.00%	84.48%
	Total %	31.30%	49.87%	2.04%	1.27%	84.48%

Don't Know	Count	2	7	0	0	9
	Row %	22.22%	77.78%	0.00%	0.00%	100.00%
	Column %	1.32%	3.06%	0.00%	0.00%	2.29%
	Total %	0.51%	1.78%	0.00%	0.00%	2.29%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19F Does your company hold any of the following certifications from a recognized certification agency: Alaska Native Corporation? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19F Does your company hold any of the following certifications from a recognized certification agency: Alaska Native Corporation?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	22	3	1	0	26
	Row %	84.62%	11.54%	3.85%	0.00%	100.00%
	Column %	14.57%	1.31%	12.50%	0.00%	6.62%
	Total %	5.60%	0.76%	0.25%	0.00%	6.62%
No	Count	126	224	7	5	362
	Row %	34.81%	61.88%	1.93%	1.38%	100.00%
	Column %	83.44%	97.82%	87.50%	100.00%	92.11%
	Total %	32.06%	57.00%	1.78%	1.27%	92.11%
Don't Know	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19G Does your company hold any of the following certifications from a recognized certification agency: 8a? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19G Does your company hold any of the following certifications from a recognized certification agency: 8a?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	25	2	1	0	28
	Row %	89.29%	7.14%	3.57%	0.00%	100.00%
	Column %	16.56%	0.87%	12.50%	0.00%	7.12%
	Total %	6.36%	0.51%	0.25%	0.00%	7.12%

No	Count	124	222	7	5	358
	Row %	34.64%	62.01%	1.96%	1.40%	100.00%
	Column %	82.12%	96.94%	87.50%	100.00%	91.09%
	Total %	31.55%	56.49%	1.78%	1.27%	91.09%
Don't Know	Count	2	5	0	0	7
	Row %	28.57%	71.43%	0.00%	0.00%	100.00%
	Column %	1.32%	2.18%	0.00%	0.00%	1.78%
	Total %	0.51%	1.27%	0.00%	0.00%	1.78%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q19H Does your company hold any of the following certifications from a recognized certification agency: Other? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q19H Does your company hold any of the following certifications from a recognized certification agency: Other?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	7	4	0	0	11
	Row %	63.64%	36.36%	0.00%	0.00%	100.00%
	Column %	4.64%	1.75%	0.00%	0.00%	2.80%
	Total %	1.78%	1.02%	0.00%	0.00%	2.80%
No	Count	142	223	8	5	378
	Row %	37.57%	58.99%	2.12%	1.32%	100.00%
	Column %	94.04%	97.38%	100.00%	100.00%	96.18%
	Total %	36.13%	56.74%	2.04%	1.27%	96.18%
Don't Know	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
	Count	145	227	8	5	385
	Row %	37.66%	58.96%	2.08%	1.30%	100.00%
	Column %	96.03%	99.13%	100.00%	100.00%	97.96%
	Total %	36.90%	57.76%	2.04%	1.27%	97.96%
8M Womenowned small business through SBA	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Alaska Preference Certification	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
American Society Health Care Environmental Society	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Disable Veteran	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Disabled Vet Certification	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Service & Disabled Veteran	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Service disabled veteran owned	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Veteran owned	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	145	227	8	5	385
	Row %	37.66%	58.96%	2.08%	1.30%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	37.66%	58.96%	2.08%	1.30%	100.00%
Total	Count	145	227	8	5	385
	Row %	37.66%	58.96%	2.08%	1.30%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	37.66%	58.96%	2.08%	1.30%	100.00%

**Table: Q21 Are you a graduated DBE firm? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q21 Are you a graduated DBE firm?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	32	4	1	0	37
	Row %	86.49%	10.81%	2.70%	0.00%	100.00%
	Column %	21.19%	1.75%	12.50%	0.00%	9.41%
	Total %	8.14%	1.02%	0.25%	0.00%	9.41%
No	Count	114	220	6	5	345
	Row %	33.04%	63.77%	1.74%	1.45%	100.00%
	Column %	75.50%	96.07%	75.00%	100.00%	87.79%
	Total %	29.01%	55.98%	1.53%	1.27%	87.79%
Don't Know	Count	5	5	1	0	11
	Row %	45.45%	45.45%	9.09%	0.00%	100.00%
	Column %	3.31%	2.18%	12.50%	0.00%	2.80%
	Total %	1.27%	1.27%	0.25%	0.00%	2.80%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%



**Table: Q22 On a scale from 1 to 6 (1 being extremely easy and 6 being extremely difficult) how would you rate your ease of obtaining notification of business opportunities with AKDOT&PF? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q22 On a scale from 1 to 6 (1 being extremely easy and 6 being extremely difficult) how would you rate your ease of obtaining notification of business opportunities with AKDOT&PF?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Extremely easy	Count	33	54	3	1	91
	Row %	36.26%	59.34%	3.30%	1.10%	100.00%
	Column %	21.85%	23.58%	37.50%	20.00%	23.16%
	Total %	8.40%	13.74%	0.76%	0.25%	23.16%
Somewhat easy	Count	35	53	3	2	93
	Row %	37.63%	56.99%	3.23%	2.15%	100.00%
	Column %	23.18%	23.14%	37.50%	40.00%	23.66%
	Total %	8.91%	13.49%	0.76%	0.51%	23.66%
Easy	Count	46	68	1	1	116
	Row %	39.66%	58.62%	0.86%	0.86%	100.00%
	Column %	30.46%	29.69%	12.50%	20.00%	29.52%
	Total %	11.70%	17.30%	0.25%	0.25%	29.52%
Difficult	Count	10	14	0	0	24
	Row %	41.67%	58.33%	0.00%	0.00%	100.00%
	Column %	6.62%	6.11%	0.00%	0.00%	6.11%
	Total %	2.54%	3.56%	0.00%	0.00%	6.11%
Somewhat difficult	Count	12	17	1	1	31
	Row %	38.71%	54.84%	3.23%	3.23%	100.00%
	Column %	7.95%	7.42%	12.50%	20.00%	7.89%
	Total %	3.05%	4.33%	0.25%	0.25%	7.89%
Extremely difficult	Count	9	9	0	0	18
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	5.96%	3.93%	0.00%	0.00%	4.58%
	Total %	2.29%	2.29%	0.00%	0.00%	4.58%
Not Applicable/Don't Know	Count	6	14	0	0	20
	Row %	30.00%	70.00%	0.00%	0.00%	100.00%
	Column %	3.97%	6.11%	0.00%	0.00%	5.09%
	Total %	1.53%	3.56%	0.00%	0.00%	5.09%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q23 Does your company bid primarily as a prime contractor, subcontractor, or both? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q23 Does your company bid primarily as a prime contractor, subcontractor, or both?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Prime	Count	25	45	2	0	72
	Row %	34.72%	62.50%	2.78%	0.00%	100.00%
	Column %	16.56%	19.65%	25.00%	0.00%	18.32%
	Total %	6.36%	11.45%	0.51%	0.00%	18.32%
Subcontractor	Count	74	111	4	2	191
	Row %	38.74%	58.12%	2.09%	1.05%	100.00%
	Column %	49.01%	48.47%	50.00%	40.00%	48.60%
	Total %	18.83%	28.24%	1.02%	0.51%	48.60%
Both	Count	52	73	2	3	130
	Row %	40.00%	56.15%	1.54%	2.31%	100.00%
	Column %	34.44%	31.88%	25.00%	60.00%	33.08%
	Total %	13.23%	18.58%	0.51%	0.76%	33.08%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q24 Has the Central Region waiver prevented your firm from meeting or being included on DBE project goals? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q24 Has the Central Region waiver prevented your firm from meeting or being included on DBE project goals?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	9	12	0	1	22
	Row %	40.91%	54.55%	0.00%	4.55%	100.00%
	Column %	5.96%	5.24%	0.00%	20.00%	5.60%
	Total %	2.29%	3.05%	0.00%	0.25%	5.60%
No	Count	68	106	4	2	180
	Row %	37.78%	58.89%	2.22%	1.11%	100.00%
	Column %	45.03%	46.29%	50.00%	40.00%	45.80%
	Total %	17.30%	26.97%	1.02%	0.51%	45.80%
Skipped Question/Skip Pattern	Count	74	111	4	2	191
	Row %	38.74%	58.12%	2.09%	1.05%	100.00%
	Column %	49.01%	48.47%	50.00%	40.00%	48.60%
	Total %	18.83%	28.24%	1.02%	0.51%	48.60%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q25 In general, which of the following categories best approximates your company's largest prime contract awarded between October 1, 2006 and September 30, 2011? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q25 In general, which of the following categories best approximates your company's largest prime contract awarded between October 1, 2006 and September 30, 2011?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Not a Valid Response	Count	4	3	0	0	7
	Row %	57.14%	42.86%	0.00%	0.00%	100.00%
	Column %	2.65%	1.31%	0.00%	0.00%	1.78%
	Total %	1.02%	0.76%	0.00%	0.00%	1.78%
Not applicable	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
Up to \$50,000	Count	3	3	0	1	7
	Row %	42.86%	42.86%	0.00%	14.29%	100.00%
	Column %	1.99%	1.31%	0.00%	20.00%	1.78%
	Total %	0.76%	0.76%	0.00%	0.25%	1.78%
\$50,001 to \$100,000	Count	4	6	0	0	10
	Row %	40.00%	60.00%	0.00%	0.00%	100.00%
	Column %	2.65%	2.62%	0.00%	0.00%	2.54%
	Total %	1.02%	1.53%	0.00%	0.00%	2.54%
\$100,001 to \$200,000	Count	7	6	0	0	13
	Row %	53.85%	46.15%	0.00%	0.00%	100.00%
	Column %	4.64%	2.62%	0.00%	0.00%	3.31%
	Total %	1.78%	1.53%	0.00%	0.00%	3.31%
\$200,001 to \$300,000	Count	4	11	0	0	15
	Row %	26.67%	73.33%	0.00%	0.00%	100.00%
	Column %	2.65%	4.80%	0.00%	0.00%	3.82%
	Total %	1.02%	2.80%	0.00%	0.00%	3.82%
\$300,001 to \$400,000	Count	5	6	0	0	11
	Row %	45.45%	54.55%	0.00%	0.00%	100.00%
	Column %	3.31%	2.62%	0.00%	0.00%	2.80%
	Total %	1.27%	1.53%	0.00%	0.00%	2.80%

\$400,001 to \$500,000	Count	2	5	0	0	7
	Row %	28.57%	71.43%	0.00%	0.00%	100.00%
	Column %	1.32%	2.18%	0.00%	0.00%	1.78%
	Total %	0.51%	1.27%	0.00%	0.00%	1.78%
\$500,001 to \$1 million	Count	8	11	0	0	19
	Row %	42.11%	57.89%	0.00%	0.00%	100.00%
	Column %	5.30%	4.80%	0.00%	0.00%	4.83%
	Total %	2.04%	2.80%	0.00%	0.00%	4.83%
Over \$1 million	Count	32	72	1	3	108
	Row %	29.63%	66.67%	0.93%	2.78%	100.00%
	Column %	21.19%	31.44%	12.50%	60.00%	27.48%
	Total %	8.14%	18.32%	0.25%	0.76%	27.48%
Don't Know	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26A In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Prequalification requirements? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26A In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Prequalification requirements?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	10	12	0	1	23
	Row %	43.48%	52.17%	0.00%	4.35%	100.00%
	Column %	6.62%	5.24%	0.00%	20.00%	5.85%
	Total %	2.54%	3.05%	0.00%	0.25%	5.85%
No	Count	61	114	1	3	179
	Row %	34.08%	63.69%	0.56%	1.68%	100.00%
	Column %	40.40%	49.78%	12.50%	60.00%	45.55%
	Total %	15.52%	29.01%	0.25%	0.76%	45.55%

Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26B In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid bond requirement? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26B In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid bond requirement?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	13	15	0	1	29
	Row %	44.83%	51.72%	0.00%	3.45%	100.00%
	Column %	8.61%	6.55%	0.00%	20.00%	7.38%
	Total %	3.31%	3.82%	0.00%	0.25%	7.38%
No	Count	58	111	1	3	173
	Row %	33.53%	64.16%	0.58%	1.73%	100.00%
	Column %	38.41%	48.47%	12.50%	60.00%	44.02%
	Total %	14.76%	28.24%	0.25%	0.76%	44.02%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26C In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Performance/payment bond requirement? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26C In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Performance/payment bond requirement?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	10	15	0	1	26
	Row %	38.46%	57.69%	0.00%	3.85%	100.00%
	Column %	6.62%	6.55%	0.00%	20.00%	6.62%
	Total %	2.54%	3.82%	0.00%	0.25%	6.62%
No	Count	61	111	1	3	176
	Row %	34.66%	63.07%	0.57%	1.70%	100.00%
	Column %	40.40%	48.47%	12.50%	60.00%	44.78%
	Total %	15.52%	28.24%	0.25%	0.76%	44.78%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26D In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Cost of bidding? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26D In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Cost of bidding?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	6	15	0	1	22
	Row %	27.27%	68.18%	0.00%	4.55%	100.00%
	Column %	3.97%	6.55%	0.00%	20.00%	5.60%
	Total %	1.53%	3.82%	0.00%	0.25%	5.60%
No	Count	65	111	1	3	180
	Row %	36.11%	61.67%	0.56%	1.67%	100.00%
	Column %	43.05%	48.47%	12.50%	60.00%	45.80%
	Total %	16.54%	28.24%	0.25%	0.76%	45.80%

Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26E In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Financing? \*  
M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26E In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Financing?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	9	9	0	2	20
	Row %	45.00%	45.00%	0.00%	10.00%	100.00%
	Column %	5.96%	3.93%	0.00%	40.00%	5.09%
	Total %	2.29%	2.29%	0.00%	0.51%	5.09%
No	Count	62	117	1	2	182
	Row %	34.07%	64.29%	0.55%	1.10%	100.00%
	Column %	41.06%	51.09%	12.50%	40.00%	46.31%
	Total %	15.78%	29.77%	0.25%	0.51%	46.31%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26F In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Insurance (general liability, professional liability, etc)? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26F In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Insurance (general liability, professional liability, etc)?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	3	2	0	1	6
	Row %	50.00%	33.33%	0.00%	16.67%	100.00%
	Column %	1.99%	0.87%	0.00%	20.00%	1.53%
	Total %	0.76%	0.51%	0.00%	0.25%	1.53%
No	Count	68	124	1	3	196
	Row %	34.69%	63.27%	0.51%	1.53%	100.00%
	Column %	45.03%	54.15%	12.50%	60.00%	49.87%
	Total %	17.30%	31.55%	0.25%	0.76%	49.87%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26G In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Price of supplies/materials? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26G In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Price of supplies/materials?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	10	7	0	2	19
	Row %	52.63%	36.84%	0.00%	10.53%	100.00%
	Column %	6.62%	3.06%	0.00%	40.00%	4.83%
	Total %	2.54%	1.78%	0.00%	0.51%	4.83%
No	Count	61	119	1	2	183
	Row %	33.33%	65.03%	0.55%	1.09%	100.00%
	Column %	40.40%	51.97%	12.50%	40.00%	46.56%
	Total %	15.52%	30.28%	0.25%	0.51%	46.56%



Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26H In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid specifications? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26H In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid specifications?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	11	15	0	1	27
	Row %	40.74%	55.56%	0.00%	3.70%	100.00%
	Column %	7.28%	6.55%	0.00%	20.00%	6.87%
	Total %	2.80%	3.82%	0.00%	0.25%	6.87%
No	Count	60	111	1	3	175
	Row %	34.29%	63.43%	0.57%	1.71%	100.00%
	Column %	39.74%	48.47%	12.50%	60.00%	44.53%
	Total %	15.27%	28.24%	0.25%	0.76%	44.53%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: QQ6I In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited time given to prepare bid or prequalification package or quote? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

QQ6I In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited time given to prepare bid or prequalification package or quote?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	16	18	0	2	36
	Row %	44.44%	50.00%	0.00%	5.56%	100.00%
	Column %	10.60%	7.86%	0.00%	40.00%	9.16%
	Total %	4.07%	4.58%	0.00%	0.51%	9.16%
No	Count	55	108	1	2	166
	Row %	33.13%	65.06%	0.60%	1.20%	100.00%
	Column %	36.42%	47.16%	12.50%	40.00%	42.24%
	Total %	13.99%	27.48%	0.25%	0.51%	42.24%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26J In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited knowledge of purchasing contracting policies and procedures? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26J In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited knowledge of purchasing contracting policies and procedures?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	14	9	0	1	24
	Row %	58.33%	37.50%	0.00%	4.17%	100.00%
	Column %	9.27%	3.93%	0.00%	20.00%	6.11%
	Total %	3.56%	2.29%	0.00%	0.25%	6.11%

No	Count	57	117	1	3	178
	Row %	32.02%	65.73%	0.56%	1.69%	100.00%
	Column %	37.75%	51.09%	12.50%	60.00%	45.29%
	Total %	14.50%	29.77%	0.25%	0.76%	45.29%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26K In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of experience? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26K In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of experience?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	9	7	0	1	17
	Row %	52.94%	41.18%	0.00%	5.88%	100.00%
	Column %	5.96%	3.06%	0.00%	20.00%	4.33%
	Total %	2.29%	1.78%	0.00%	0.25%	4.33%
No	Count	62	119	1	3	185
	Row %	33.51%	64.32%	0.54%	1.62%	100.00%
	Column %	41.06%	51.97%	12.50%	60.00%	47.07%
	Total %	15.78%	30.28%	0.25%	0.76%	47.07%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26L In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of personnel? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26L In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of personnel?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	16	16	0	0	32
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	10.60%	6.99%	0.00%	0.00%	8.14%
	Total %	4.07%	4.07%	0.00%	0.00%	8.14%
No	Count	55	110	1	4	170
	Row %	32.35%	64.71%	0.59%	2.35%	100.00%
	Column %	36.42%	48.03%	12.50%	80.00%	43.26%
	Total %	13.99%	27.99%	0.25%	1.02%	43.26%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26M In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Contract too large? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26M In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Contract too large?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	17	27	0	2	46
	Row %	36.96%	58.70%	0.00%	4.35%	100.00%
	Column %	11.26%	11.79%	0.00%	40.00%	11.70%
	Total %	4.33%	6.87%	0.00%	0.51%	11.70%
No	Count	54	99	1	2	156
	Row %	34.62%	63.46%	0.64%	1.28%	100.00%
	Column %	35.76%	43.23%	12.50%	40.00%	39.69%
	Total %	13.74%	25.19%	0.25%	0.51%	39.69%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26N In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Selection process? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26N In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Selection process?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	12	15	0	2	29
	Row %	41.38%	51.72%	0.00%	6.90%	100.00%
	Column %	7.95%	6.55%	0.00%	40.00%	7.38%
	Total %	3.05%	3.82%	0.00%	0.51%	7.38%
No	Count	59	111	1	2	173
	Row %	34.10%	64.16%	0.58%	1.16%	100.00%
	Column %	39.07%	48.47%	12.50%	40.00%	44.02%
	Total %	15.01%	28.24%	0.25%	0.51%	44.02%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26O In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Unnecessary restrictive contract specifications? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26O In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Unnecessary restrictive contract specifications?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	21	32	0	3	56
	Row %	37.50%	57.14%	0.00%	5.36%	100.00%
	Column %	13.91%	13.97%	0.00%	60.00%	14.25%
	Total %	5.34%	8.14%	0.00%	0.76%	14.25%

No	Count	50	94	1	1	146
	Row %	34.25%	64.38%	0.68%	0.68%	100.00%
	Column %	33.11%	41.05%	12.50%	20.00%	37.15%
	Total %	12.72%	23.92%	0.25%	0.25%	37.15%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26P In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Slow payment or nonpayment? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26P In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Slow payment or nonpayment?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	12	17	0	0	29
	Row %	41.38%	58.62%	0.00%	0.00%	100.00%
	Column %	7.95%	7.42%	0.00%	0.00%	7.38%
	Total %	3.05%	4.33%	0.00%	0.00%	7.38%
No	Count	59	109	1	4	173
	Row %	34.10%	63.01%	0.58%	2.31%	100.00%
	Column %	39.07%	47.60%	12.50%	80.00%	44.02%
	Total %	15.01%	27.74%	0.25%	1.02%	44.02%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q26Q In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Competing with large companies? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q26Q In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Competing with large companies?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	26	43	0	1	70
	Row %	37.14%	61.43%	0.00%	1.43%	100.00%
	Column %	17.22%	18.78%	0.00%	20.00%	17.81%
	Total %	6.62%	10.94%	0.00%	0.25%	17.81%
No	Count	45	83	1	3	132
	Row %	34.09%	62.88%	0.76%	2.27%	100.00%
	Column %	29.80%	36.24%	12.50%	60.00%	33.59%
	Total %	11.45%	21.12%	0.25%	0.76%	33.59%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q27 Between October 1, 2006 and September 30, 2011 how many times has your company been awarded a project as a prime contractor by AKDOT&PF? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q27 Between October 1, 2006 and September 30, 2011 how many times has your company been awarded a project as a prime contractor by AKDOT&PF?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
None	Count	24	38	1	3	66
	Row %	36.36%	57.58%	1.52%	4.55%	100.00%
	Column %	15.89%	16.59%	12.50%	60.00%	16.79%
	Total %	6.11%	9.67%	0.25%	0.76%	16.79%
1-10 times	Count	34	73	0	0	107
	Row %	31.78%	68.22%	0.00%	0.00%	100.00%
	Column %	22.52%	31.88%	0.00%	0.00%	27.23%
	Total %	8.65%	18.58%	0.00%	0.00%	27.23%

11-25 times	Count	11	9	0	1	21
	Row %	52.38%	42.86%	0.00%	4.76%	100.00%
	Column %	7.28%	3.93%	0.00%	20.00%	5.34%
	Total %	2.80%	2.29%	0.00%	0.25%	5.34%
26-50 times	Count	2	2	0	0	4
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.87%	0.00%	0.00%	1.02%
	Total %	0.51%	0.51%	0.00%	0.00%	1.02%
51-100 times	Count	0	3	0	0	3
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.76%	0.00%	0.00%	0.76%
Over 100 times	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q28 When you were the prime contractor, what was the average amount of time that it typically took to receive payment for your services on projects funded by AKDOT&PF? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q28 When you were the prime contractor, what was the average amount of time that it typically took to receive payment for your services on projects funded by AKDOT&PF?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Less than 30 days	Count	17	44	0	0	61
	Row %	27.87%	72.13%	0.00%	0.00%	100.00%
	Column %	11.26%	19.21%	0.00%	0.00%	15.52%
	Total %	4.33%	11.20%	0.00%	0.00%	15.52%
31-60 days	Count	21	34	0	1	56
	Row %	37.50%	60.71%	0.00%	1.79%	100.00%
	Column %	13.91%	14.85%	0.00%	20.00%	14.25%
	Total %	5.34%	8.65%	0.00%	0.25%	14.25%



61-90 days	Count	4	2	0	0	6
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	2.65%	0.87%	0.00%	0.00%	1.53%
	Total %	1.02%	0.51%	0.00%	0.00%	1.53%
91-120 days	Count	2	1	0	0	3
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	1.32%	0.44%	0.00%	0.00%	0.76%
	Total %	0.51%	0.25%	0.00%	0.00%	0.76%
Over 120 days	Count	2	4	0	0	6
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.32%	1.75%	0.00%	0.00%	1.53%
	Total %	0.51%	1.02%	0.00%	0.00%	1.53%
Not applicable	Count	1	3	0	0	4
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.31%	0.00%	0.00%	1.02%
	Total %	0.25%	0.76%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	104	141	8	4	257
	Row %	40.47%	54.86%	3.11%	1.56%	100.00%
	Column %	68.87%	61.57%	100.00%	80.00%	65.39%
	Total %	26.46%	35.88%	2.04%	1.02%	65.39%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q29 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid for a AKDOT&PF contract, were then informed that you were the awarded bidder and then found out that another prime contractor was actually doing the work? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q29 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid for a AKDOT&PF contract, were then informed that you were the awarded bidder and then found out that another prime contractor was actually doing the work?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	3	3	0	0	6
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.99%	1.31%	0.00%	0.00%	1.53%
	Total %	0.76%	0.76%	0.00%	0.00%	1.53%

No	Count	67	118	1	4	190
	Row %	35.26%	62.11%	0.53%	2.11%	100.00%
	Column %	44.37%	51.53%	12.50%	80.00%	48.35%
	Total %	17.05%	30.03%	0.25%	1.02%	48.35%
Don't Know	Count	1	5	0	0	6
	Row %	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	0.66%	2.18%	0.00%	0.00%	1.53%
	Total %	0.25%	1.27%	0.00%	0.00%	1.53%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q30 As a prime contractor, are you required to have bonding for the type of work that your company bids on? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q30 As a prime contractor, are you required to have bonding for the type of work that your company bids on?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	49	108	1	1	159
	Row %	30.82%	67.92%	0.63%	0.63%	100.00%
	Column %	32.45%	47.16%	12.50%	20.00%	40.46%
	Total %	12.47%	27.48%	0.25%	0.25%	40.46%
No	Count	22	15	0	2	39
	Row %	56.41%	38.46%	0.00%	5.13%	100.00%
	Column %	14.57%	6.55%	0.00%	40.00%	9.92%
	Total %	5.60%	3.82%	0.00%	0.51%	9.92%
Don't Know	Count	0	3	0	1	4
	Row %	0.00%	75.00%	0.00%	25.00%	100.00%
	Column %	0.00%	1.31%	0.00%	20.00%	1.02%
	Total %	0.00%	0.76%	0.00%	0.25%	1.02%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q31 What is your current aggregate bonding limit-as a prime contractor? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q31 What is your current aggregate bonding limit-as a prime contractor?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Below \$100,000	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
\$100,001 to \$250,000	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
\$250,001 to \$500,000	Count	4	2	0	0	6
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	2.65%	0.87%	0.00%	0.00%	1.53%
	Total %	1.02%	0.51%	0.00%	0.00%	1.53%
\$500,001 to \$1 million	Count	6	10	0	0	16
	Row %	37.50%	62.50%	0.00%	0.00%	100.00%
	Column %	3.97%	4.37%	0.00%	0.00%	4.07%
	Total %	1.53%	2.54%	0.00%	0.00%	4.07%
\$1,000,001 to \$1.5 million	Count	6	7	1	0	14
	Row %	42.86%	50.00%	7.14%	0.00%	100.00%
	Column %	3.97%	3.06%	12.50%	0.00%	3.56%
	Total %	1.53%	1.78%	0.25%	0.00%	3.56%
\$1,500,001 to \$3 million	Count	5	9	0	0	14
	Row %	35.71%	64.29%	0.00%	0.00%	100.00%
	Column %	3.31%	3.93%	0.00%	0.00%	3.56%
	Total %	1.27%	2.29%	0.00%	0.00%	3.56%
\$3,000,001 to \$5 million	Count	5	11	0	0	16
	Row %	31.25%	68.75%	0.00%	0.00%	100.00%
	Column %	3.31%	4.80%	0.00%	0.00%	4.07%
	Total %	1.27%	2.80%	0.00%	0.00%	4.07%
Over \$5 million	Count	16	53	0	1	70
	Row %	22.86%	75.71%	0.00%	1.43%	100.00%
	Column %	10.60%	23.14%	0.00%	20.00%	17.81%
	Total %	4.07%	13.49%	0.00%	0.25%	17.81%

Don't Know	Count	5	13	0	0	18
	Row %	27.78%	72.22%	0.00%	0.00%	100.00%
	Column %	3.31%	5.68%	0.00%	0.00%	4.58%
	Total %	1.27%	3.31%	0.00%	0.00%	4.58%
Skipped Question/Skip Pattern	Count	102	121	7	4	234
	Row %	43.59%	51.71%	2.99%	1.71%	100.00%
	Column %	67.55%	52.84%	87.50%	80.00%	59.54%
	Total %	25.95%	30.79%	1.78%	1.02%	59.54%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q32 What is your current single project bonding limit-as a prime contractor \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q32 What is your current single project bonding limit-as a prime contractor		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Below \$100,000	Count	2	1	0	0	3
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	1.32%	0.44%	0.00%	0.00%	0.76%
	Total %	0.51%	0.25%	0.00%	0.00%	0.76%
\$100,001 to \$250,000	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
\$250,001 to \$500,000	Count	5	2	0	0	7
	Row %	71.43%	28.57%	0.00%	0.00%	100.00%
	Column %	3.31%	0.87%	0.00%	0.00%	1.78%
	Total %	1.27%	0.51%	0.00%	0.00%	1.78%
\$500,001 to \$1 million	Count	4	10	0	0	14
	Row %	28.57%	71.43%	0.00%	0.00%	100.00%
	Column %	2.65%	4.37%	0.00%	0.00%	3.56%
	Total %	1.02%	2.54%	0.00%	0.00%	3.56%
\$1,000,001 to \$1.5 million	Count	7	8	1	0	16
	Row %	43.75%	50.00%	6.25%	0.00%	100.00%
	Column %	4.64%	3.49%	12.50%	0.00%	4.07%
	Total %	1.78%	2.04%	0.25%	0.00%	4.07%
\$1,500,001 to \$3 million	Count	6	11	0	0	17
	Row %	35.29%	64.71%	0.00%	0.00%	100.00%
	Column %	3.97%	4.80%	0.00%	0.00%	4.33%
	Total %	1.53%	2.80%	0.00%	0.00%	4.33%

\$3,000,001 to \$5 million	Count	2	12	0	0	14
	Row %	14.29%	85.71%	0.00%	0.00%	100.00%
	Column %	1.32%	5.24%	0.00%	0.00%	3.56%
	Total %	0.51%	3.05%	0.00%	0.00%	3.56%
Over \$5 million	Count	16	46	0	1	63
	Row %	25.40%	73.02%	0.00%	1.59%	100.00%
	Column %	10.60%	20.09%	0.00%	20.00%	16.03%
	Total %	4.07%	11.70%	0.00%	0.25%	16.03%
Don't Know	Count	7	21	0	0	28
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	4.64%	9.17%	0.00%	0.00%	7.12%
	Total %	1.78%	5.34%	0.00%	0.00%	7.12%
Skipped Question/Skip Pattern	Count	101	118	7	4	230
	Row %	43.91%	51.30%	3.04%	1.74%	100.00%
	Column %	66.89%	51.53%	87.50%	80.00%	58.52%
	Total %	25.70%	30.03%	1.78%	1.02%	58.52%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q33 As a prime contractor did you experience discriminatory behavior by AKDOT&PF when bidding or working on a project between October 1, 2006 and September 30, 2011 \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q33 As a prime contractor did you experience discriminatory behavior by AKDOT&PF when bidding or working on a project between October 1, 2006 and September 30, 2011		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	5	2	0	0	7
	Row %	71.43%	28.57%	0.00%	0.00%	100.00%
	Column %	3.31%	0.87%	0.00%	0.00%	1.78%
	Total %	1.27%	0.51%	0.00%	0.00%	1.78%
No	Count	60	118	1	4	183
	Row %	32.79%	64.48%	0.55%	2.19%	100.00%
	Column %	39.74%	51.53%	12.50%	80.00%	46.56%
	Total %	15.27%	30.03%	0.25%	1.02%	46.56%
Don't Know	Count	0	3	0	0	3
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.76%	0.00%	0.00%	0.76%

Not Applicable	Count	6	3	0	0	9
	Row %	66.67%	33.33%	0.00%	0.00%	100.00%
	Column %	3.97%	1.31%	0.00%	0.00%	2.29%
	Total %	1.53%	0.76%	0.00%	0.00%	2.29%
Skipped Question/Skip Pattern	Count	80	103	7	1	191
	Row %	41.88%	53.93%	3.66%	0.52%	100.00%
	Column %	52.98%	44.98%	87.50%	20.00%	48.60%
	Total %	20.36%	26.21%	1.78%	0.25%	48.60%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q34 What was the most noticeable way you became aware of the discrimination against your company? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q34 What was the most noticeable way you became aware of the discrimination against your company?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Verbal comment	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Written statement	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Action taken against the company	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
Skipped Question/Skip Pattern	Count	146	227	8	5	386
	Row %	37.82%	58.81%	2.07%	1.30%	100.00%
	Column %	96.69%	99.13%	100.00%	100.00%	98.22%
	Total %	37.15%	57.76%	2.04%	1.27%	98.22%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q35 Which of the following do you consider your primary reason for your company being discriminated against? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q35 Which of the following do you consider your primary reason for your company being discriminated against?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Don't Know	Count	5	2	0	0	7
	Row %	71.43%	28.57%	0.00%	0.00%	100.00%
	Column %	3.31%	0.87%	0.00%	0.00%	1.78%
	Total %	1.27%	0.51%	0.00%	0.00%	1.78%
Skipped Question/Skip Pattern	Count	146	227	8	5	386
	Row %	37.82%	58.81%	2.07%	1.30%	100.00%
	Column %	96.69%	99.13%	100.00%	100.00%	98.22%
	Total %	37.15%	57.76%	2.04%	1.27%	98.22%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q36 When did the discrimination first occur? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q36 When did the discrimination first occur?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
During bidding process	Count	5	1	0	0	6
	Row %	83.33%	16.67%	0.00%	0.00%	100.00%
	Column %	3.31%	0.44%	0.00%	0.00%	1.53%
	Total %	1.27%	0.25%	0.00%	0.00%	1.53%
After contract awarded	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	146	227	8	5	386
	Row %	37.82%	58.81%	2.07%	1.30%	100.00%
	Column %	96.69%	99.13%	100.00%	100.00%	98.22%
	Total %	37.15%	57.76%	2.04%	1.27%	98.22%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q37 Did you file a complaint? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q37 Did you file a complaint?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	2	0	0	0	2
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.32%	0.00%	0.00%	0.00%	0.51%
	Total %	0.51%	0.00%	0.00%	0.00%	0.51%
No	Count	3	2	0	0	5
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.87%	0.00%	0.00%	1.27%
	Total %	0.76%	0.51%	0.00%	0.00%	1.27%
Skipped Question/Skip Pattern	Count	146	227	8	5	386
	Row %	37.82%	58.81%	2.07%	1.30%	100.00%
	Column %	96.69%	99.13%	100.00%	100.00%	98.22%
	Total %	37.15%	57.76%	2.04%	1.27%	98.22%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q38 Between October 1, 2006 and September 30, 2011, how many times has your company been awarded a subcontract with a prime contractor for a project with AKDOT&PF? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q38 Between October 1, 2006 and September 30, 2011, how many times has your company been awarded a subcontract with a prime contractor for a project with AKDOT&PF?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
None	Count	22	26	1	1	50
	Row %	44.00%	52.00%	2.00%	2.00%	100.00%
	Column %	14.57%	11.35%	12.50%	20.00%	12.72%
	Total %	5.60%	6.62%	0.25%	0.25%	12.72%
1-10 times	Count	45	47	4	0	96
	Row %	46.88%	48.96%	4.17%	0.00%	100.00%
	Column %	29.80%	20.52%	50.00%	0.00%	24.43%
	Total %	11.45%	11.96%	1.02%	0.00%	24.43%
11-25 times	Count	11	20	1	0	32
	Row %	34.38%	62.50%	3.13%	0.00%	100.00%
	Column %	7.28%	8.73%	12.50%	0.00%	8.14%
	Total %	2.80%	5.09%	0.25%	0.00%	8.14%



26-50 times	Count	2	4	0	0	6
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.32%	1.75%	0.00%	0.00%	1.53%
	Total %	0.51%	1.02%	0.00%	0.00%	1.53%
51-100 times	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Over 100 times	Count	2	3	0	0	5
	Row %	40.00%	60.00%	0.00%	0.00%	100.00%
	Column %	1.32%	1.31%	0.00%	0.00%	1.27%
	Total %	0.51%	0.76%	0.00%	0.00%	1.27%
Skipped Question/Skip Pattern	Count	68	128	2	4	202
	Row %	33.66%	63.37%	0.99%	1.98%	100.00%
	Column %	45.03%	55.90%	25.00%	80.00%	51.40%
	Total %	17.30%	32.57%	0.51%	1.02%	51.40%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39A In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Performance/payment bond requirement? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39A In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Performance/payment bond requirement?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	9	2	0	0	11
	Row %	81.82%	18.18%	0.00%	0.00%	100.00%
	Column %	5.96%	0.87%	0.00%	0.00%	2.80%
	Total %	2.29%	0.51%	0.00%	0.00%	2.80%
No	Count	52	72	5	0	129
	Row %	40.31%	55.81%	3.88%	0.00%	100.00%
	Column %	34.44%	31.44%	62.50%	0.00%	32.82%
	Total %	13.23%	18.32%	1.27%	0.00%	32.82%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39B In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Cost of bidding? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39B In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Cost of bidding?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
No	Count	26	32	3	0	61
	Row %	42.62%	52.46%	4.92%	0.00%	100.00%
	Column %	17.22%	13.97%	37.50%	0.00%	15.52%
	Total %	6.62%	8.14%	0.76%	0.00%	15.52%
Skipped Question/Skip Pattern	Count	124	196	5	5	330
	Row %	37.58%	59.39%	1.52%	1.52%	100.00%
	Column %	82.12%	85.59%	62.50%	100.00%	83.97%
	Total %	31.55%	49.87%	1.27%	1.27%	83.97%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39C In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Financing? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39C In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Financing?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	5	3	0	0	8
	Row %	62.50%	37.50%	0.00%	0.00%	100.00%
	Column %	3.31%	1.31%	0.00%	0.00%	2.04%
	Total %	1.27%	0.76%	0.00%	0.00%	2.04%

No	Count	56	71	5	0	132
	Row %	42.42%	53.79%	3.79%	0.00%	100.00%
	Column %	37.09%	31.00%	62.50%	0.00%	33.59%
	Total %	14.25%	18.07%	1.27%	0.00%	33.59%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39D In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Insurance (general liability, professional liability, etc)? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39D In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Insurance (general liability, professional liability, etc)?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	3	2	1	0	6
	Row %	50.00%	33.33%	16.67%	0.00%	100.00%
	Column %	1.99%	0.87%	12.50%	0.00%	1.53%
	Total %	0.76%	0.51%	0.25%	0.00%	1.53%
No	Count	58	72	4	0	134
	Row %	43.28%	53.73%	2.99%	0.00%	100.00%
	Column %	38.41%	31.44%	50.00%	0.00%	34.10%
	Total %	14.76%	18.32%	1.02%	0.00%	34.10%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39E In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Price of supplies/materials? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39E In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Price of supplies/materials?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	5	7	0	0	12
	Row %	41.67%	58.33%	0.00%	0.00%	100.00%
	Column %	3.31%	3.06%	0.00%	0.00%	3.05%
	Total %	1.27%	1.78%	0.00%	0.00%	3.05%
No	Count	56	67	5	0	128
	Row %	43.75%	52.34%	3.91%	0.00%	100.00%
	Column %	37.09%	29.26%	62.50%	0.00%	32.57%
	Total %	14.25%	17.05%	1.27%	0.00%	32.57%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39F In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited time given to prepare bid or prequalification package or quote? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39F In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited time given to prepare bid or prequalification package or quote?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	16	16	1	0	33
	Row %	48.48%	48.48%	3.03%	0.00%	100.00%
	Column %	10.60%	6.99%	12.50%	0.00%	8.40%
	Total %	4.07%	4.07%	0.25%	0.00%	8.40%
No	Count	45	58	4	0	107
	Row %	42.06%	54.21%	3.74%	0.00%	100.00%
	Column %	29.80%	25.33%	50.00%	0.00%	27.23%
	Total %	11.45%	14.76%	1.02%	0.00%	27.23%

Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39G In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited knowledge of purchasing contracting policies and procedures? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39G In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited knowledge of purchasing contracting policies and procedures?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	6	4	1	0	11
	Row %	54.55%	36.36%	9.09%	0.00%	100.00%
	Column %	3.97%	1.75%	12.50%	0.00%	2.80%
	Total %	1.53%	1.02%	0.25%	0.00%	2.80%
No	Count	55	70	4	0	129
	Row %	42.64%	54.26%	3.10%	0.00%	100.00%
	Column %	36.42%	30.57%	50.00%	0.00%	32.82%
	Total %	13.99%	17.81%	1.02%	0.00%	32.82%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39H In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of experience? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39H In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of experience?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	11	9	2	0	22
	Row %	50.00%	40.91%	9.09%	0.00%	100.00%
	Column %	7.28%	3.93%	25.00%	0.00%	5.60%
	Total %	2.80%	2.29%	0.51%	0.00%	5.60%
No	Count	50	65	3	0	118
	Row %	42.37%	55.08%	2.54%	0.00%	100.00%
	Column %	33.11%	28.38%	37.50%	0.00%	30.03%
	Total %	12.72%	16.54%	0.76%	0.00%	30.03%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39I In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of personnel? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39I In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of personnel?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	17	13	1	0	31
	Row %	54.84%	41.94%	3.23%	0.00%	100.00%
	Column %	11.26%	5.68%	12.50%	0.00%	7.89%
	Total %	4.33%	3.31%	0.25%	0.00%	7.89%
No	Count	44	61	4	0	109
	Row %	40.37%	55.96%	3.67%	0.00%	100.00%
	Column %	29.14%	26.64%	50.00%	0.00%	27.74%
	Total %	11.20%	15.52%	1.02%	0.00%	27.74%

Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39J In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Contract too large? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39J In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Contract too large?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	14	14	2	0	30
	Row %	46.67%	46.67%	6.67%	0.00%	100.00%
	Column %	9.27%	6.11%	25.00%	0.00%	7.63%
	Total %	3.56%	3.56%	0.51%	0.00%	7.63%
No	Count	47	60	3	0	110
	Row %	42.73%	54.55%	2.73%	0.00%	100.00%
	Column %	31.13%	26.20%	37.50%	0.00%	27.99%
	Total %	11.96%	15.27%	0.76%	0.00%	27.99%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39K In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Slow payment or nonpayment? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39K In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Slow payment or nonpayment?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	21	20	2	0	43
	Row %	48.84%	46.51%	4.65%	0.00%	100.00%
	Column %	13.91%	8.73%	25.00%	0.00%	10.94%
	Total %	5.34%	5.09%	0.51%	0.00%	10.94%
No	Count	40	54	3	0	97
	Row %	41.24%	55.67%	3.09%	0.00%	100.00%
	Column %	26.49%	23.58%	37.50%	0.00%	24.68%
	Total %	10.18%	13.74%	0.76%	0.00%	24.68%
Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q39L In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Competing with large companies? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q39L In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Competing with large companies?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	23	19	1	0	43
	Row %	53.49%	44.19%	2.33%	0.00%	100.00%
	Column %	15.23%	8.30%	12.50%	0.00%	10.94%
	Total %	5.85%	4.83%	0.25%	0.00%	10.94%
No	Count	38	55	4	0	97
	Row %	39.18%	56.70%	4.12%	0.00%	100.00%
	Column %	25.17%	24.02%	50.00%	0.00%	24.68%
	Total %	9.67%	13.99%	1.02%	0.00%	24.68%



Skipped Question/Skip Pattern	Count	90	155	3	5	253
	Row %	35.57%	61.26%	1.19%	1.98%	100.00%
	Column %	59.60%	67.69%	37.50%	100.00%	64.38%
	Total %	22.90%	39.44%	0.76%	1.27%	64.38%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q40 In general, which of the following categories best approximates your company's largest subcontact awarded between October 1, 2006 and September 30, 2011? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q40 In general, which of the following categories best approximates your company's largest subcontact awarded between October 1, 2006 and September 30, 2011?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
No Response	Count	8	10	0	0	18
	Row %	44.44%	55.56%	0.00%	0.00%	100.00%
	Column %	5.30%	4.37%	0.00%	0.00%	4.58%
	Total %	2.04%	2.54%	0.00%	0.00%	4.58%
Not applicable	Count	15	25	0	0	40
	Row %	37.50%	62.50%	0.00%	0.00%	100.00%
	Column %	9.93%	10.92%	0.00%	0.00%	10.18%
	Total %	3.82%	6.36%	0.00%	0.00%	10.18%
Up to \$50,000	Count	7	12	1	1	21
	Row %	33.33%	57.14%	4.76%	4.76%	100.00%
	Column %	4.64%	5.24%	12.50%	20.00%	5.34%
	Total %	1.78%	3.05%	0.25%	0.25%	5.34%
\$50,001 to \$100,000	Count	13	23	2	0	38
	Row %	34.21%	60.53%	5.26%	0.00%	100.00%
	Column %	8.61%	10.04%	25.00%	0.00%	9.67%
	Total %	3.31%	5.85%	0.51%	0.00%	9.67%
\$100,001 to \$200,000	Count	18	10	1	0	29
	Row %	62.07%	34.48%	3.45%	0.00%	100.00%
	Column %	11.92%	4.37%	12.50%	0.00%	7.38%
	Total %	4.58%	2.54%	0.25%	0.00%	7.38%
\$200,001 to \$300,000	Count	7	19	0	0	26
	Row %	26.92%	73.08%	0.00%	0.00%	100.00%
	Column %	4.64%	8.30%	0.00%	0.00%	6.62%
	Total %	1.78%	4.83%	0.00%	0.00%	6.62%

\$300,001 to \$400,000	Count	10	13	1	0	24
	Row %	41.67%	54.17%	4.17%	0.00%	100.00%
	Column %	6.62%	5.68%	12.50%	0.00%	6.11%
	Total %	2.54%	3.31%	0.25%	0.00%	6.11%
\$400,001 to \$500,000	Count	6	9	0	1	16
	Row %	37.50%	56.25%	0.00%	6.25%	100.00%
	Column %	3.97%	3.93%	0.00%	20.00%	4.07%
	Total %	1.53%	2.29%	0.00%	0.25%	4.07%
\$500,001 to \$1 million	Count	14	26	1	0	41
	Row %	34.15%	63.41%	2.44%	0.00%	100.00%
	Column %	9.27%	11.35%	12.50%	0.00%	10.43%
	Total %	3.56%	6.62%	0.25%	0.00%	10.43%
Over \$1 million	Count	28	50	1	2	81
	Row %	34.57%	61.73%	1.23%	2.47%	100.00%
	Column %	18.54%	21.83%	12.50%	40.00%	20.61%
	Total %	7.12%	12.72%	0.25%	0.51%	20.61%
Don't Know	Count	3	6	0	0	9
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.99%	2.62%	0.00%	0.00%	2.29%
	Total %	0.76%	1.53%	0.00%	0.00%	2.29%
Skipped Question/Skip Pattern	Count	22	26	1	1	50
	Row %	44.00%	52.00%	2.00%	2.00%	100.00%
	Column %	14.57%	11.35%	12.50%	20.00%	12.72%
	Total %	5.60%	6.62%	0.25%	0.25%	12.72%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q41 Between October 1, 2006 and September 30, 2011, when you were a subcontractor, what was the average amount of time that it typically took to receive payment for your services from the prime contractor? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q41 Between October 1, 2006 and September 30, 2011, when you were a subcontractor, what was the average amount of time that it typically took to receive payment for your services from the prime contractor?	M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Less than 30 days	Count 28	Count 32	Count 1	Count 2	Count 63
	Row % 44.44%	Row % 50.79%	Row % 1.59%	Row % 3.17%	Row % 100.00%
	Column % 18.54%	Column % 13.97%	Column % 12.50%	Column % 40.00%	Column % 16.03%
	Total % 7.12%	Total % 8.14%	Total % 0.25%	Total % 0.51%	Total % 16.03%

31-60 days	Count	59	98	1	2	160
	Row %	36.88%	61.25%	0.63%	1.25%	100.00%
	Column %	39.07%	42.79%	12.50%	40.00%	40.71%
	Total %	15.01%	24.94%	0.25%	0.51%	40.71%
61-90 days	Count	16	26	4	0	46
	Row %	34.78%	56.52%	8.70%	0.00%	100.00%
	Column %	10.60%	11.35%	50.00%	0.00%	11.70%
	Total %	4.07%	6.62%	1.02%	0.00%	11.70%
91-120 days	Count	6	4	1	0	11
	Row %	54.55%	36.36%	9.09%	0.00%	100.00%
	Column %	3.97%	1.75%	12.50%	0.00%	2.80%
	Total %	1.53%	1.02%	0.25%	0.00%	2.80%
Over 120 days	Count	0	3	0	0	3
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.76%	0.00%	0.00%	0.76%
Not applicable	Count	20	40	0	0	60
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	13.25%	17.47%	0.00%	0.00%	15.27%
	Total %	5.09%	10.18%	0.00%	0.00%	15.27%
Skipped Question/Skip Pattern	Count	22	26	1	1	50
	Row %	44.00%	52.00%	2.00%	2.00%	100.00%
	Column %	14.57%	11.35%	12.50%	20.00%	12.72%
	Total %	5.60%	6.62%	0.25%	0.25%	12.72%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q42 In your experience, how frequently have the prime contractors that you've subcontractors that you've subcontracted with delayed payment for the work or services that you performed? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q42 In your experience, how frequently have the prime contractors that you've subcontractors that you've subcontracted with delayed payment for the work or services that you performed?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Very often	Count	6	16	1	0	23
	Row %	26.09%	69.57%	4.35%	0.00%	100.00%
	Column %	3.97%	6.99%	12.50%	0.00%	5.85%
	Total %	1.53%	4.07%	0.25%	0.00%	5.85%

Often	Count	12	11	0	0	23
	Row %	52.17%	47.83%	0.00%	0.00%	100.00%
	Column %	7.95%	4.80%	0.00%	0.00%	5.85%
	Total %	3.05%	2.80%	0.00%	0.00%	5.85%
Sometimes	Count	23	41	2	1	67
	Row %	34.33%	61.19%	2.99%	1.49%	100.00%
	Column %	15.23%	17.90%	25.00%	20.00%	17.05%
	Total %	5.85%	10.43%	0.51%	0.25%	17.05%
Seldom	Count	40	61	3	2	106
	Row %	37.74%	57.55%	2.83%	1.89%	100.00%
	Column %	26.49%	26.64%	37.50%	40.00%	26.97%
	Total %	10.18%	15.52%	0.76%	0.51%	26.97%
Never	Count	31	39	1	1	72
	Row %	43.06%	54.17%	1.39%	1.39%	100.00%
	Column %	20.53%	17.03%	12.50%	20.00%	18.32%
	Total %	7.89%	9.92%	0.25%	0.25%	18.32%
Don't Know/Not Applicable	Count	17	35	0	0	52
	Row %	32.69%	67.31%	0.00%	0.00%	100.00%
	Column %	11.26%	15.28%	0.00%	0.00%	13.23%
	Total %	4.33%	8.91%	0.00%	0.00%	13.23%
Skipped Question/Skip Pattern	Count	22	26	1	1	50
	Row %	44.00%	52.00%	2.00%	2.00%	100.00%
	Column %	14.57%	11.35%	12.50%	20.00%	12.72%
	Total %	5.60%	6.62%	0.25%	0.25%	12.72%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q43 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid with a prime contractor for a project with AKDOT&PF, were informed that you were the successful bidder, and then found out that another subcontractor was actually doing the \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q43 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid with a prime contractor for a project with AKDOT&PF, were informed that you were the successful bidder, and then found out that another subcontractor was actually doing the		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	16	22	1	1	40
	Row %	40.00%	55.00%	2.50%	2.50%	100.00%
	Column %	10.60%	9.61%	12.50%	20.00%	10.18%
	Total %	4.07%	5.60%	0.25%	0.25%	10.18%
No	Count	124	187	7	4	322
	Row %	38.51%	58.07%	2.17%	1.24%	100.00%
	Column %	82.12%	81.66%	87.50%	80.00%	81.93%
	Total %	31.55%	47.58%	1.78%	1.02%	81.93%
Don't Know	Count	11	20	0	0	31
	Row %	35.48%	64.52%	0.00%	0.00%	100.00%
	Column %	7.28%	8.73%	0.00%	0.00%	7.89%
	Total %	2.80%	5.09%	0.00%	0.00%	7.89%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q44 As a subcontractor, are you required to have bonding for the type of work that your company bids? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q44 As a subcontractor, are you required to have bonding for the type of work that your company bids?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	69	98	2	2	171
	Row %	40.35%	57.31%	1.17%	1.17%	100.00%
	Column %	45.70%	42.79%	25.00%	40.00%	43.51%
	Total %	17.56%	24.94%	0.51%	0.51%	43.51%
No	Count	74	115	5	2	196
	Row %	37.76%	58.67%	2.55%	1.02%	100.00%
	Column %	49.01%	50.22%	62.50%	40.00%	49.87%
	Total %	18.83%	29.26%	1.27%	0.51%	49.87%

Don't Know	Count	8	16	1	1	26
	Row %	30.77%	61.54%	3.85%	3.85%	100.00%
	Column %	5.30%	6.99%	12.50%	20.00%	6.62%
	Total %	2.04%	4.07%	0.25%	0.25%	6.62%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: What is your current aggregate bonding limit? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

What is your current aggregate bonding limit?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Below \$100,000	Count	6	5	1	1	13
	Row %	46.15%	38.46%	7.69%	7.69%	100.00%
	Column %	3.97%	2.18%	12.50%	20.00%	3.31%
	Total %	1.53%	1.27%	0.25%	0.25%	3.31%
\$100,001 to \$250,000	Count	8	7	0	0	15
	Row %	53.33%	46.67%	0.00%	0.00%	100.00%
	Column %	5.30%	3.06%	0.00%	0.00%	3.82%
	Total %	2.04%	1.78%	0.00%	0.00%	3.82%
\$250,001 to \$500,000	Count	6	8	0	0	14
	Row %	42.86%	57.14%	0.00%	0.00%	100.00%
	Column %	3.97%	3.49%	0.00%	0.00%	3.56%
	Total %	1.53%	2.04%	0.00%	0.00%	3.56%
\$500,001 to \$1 million	Count	16	9	1	0	26
	Row %	61.54%	34.62%	3.85%	0.00%	100.00%
	Column %	10.60%	3.93%	12.50%	0.00%	6.62%
	Total %	4.07%	2.29%	0.25%	0.00%	6.62%
\$1,000,001 to \$1.5 million	Count	7	12	0	0	19
	Row %	36.84%	63.16%	0.00%	0.00%	100.00%
	Column %	4.64%	5.24%	0.00%	0.00%	4.83%
	Total %	1.78%	3.05%	0.00%	0.00%	4.83%
\$1,500,001 to \$3 million	Count	7	7	0	0	14
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	4.64%	3.06%	0.00%	0.00%	3.56%
	Total %	1.78%	1.78%	0.00%	0.00%	3.56%
\$3,000,001 to \$5 million	Count	2	9	0	0	11
	Row %	18.18%	81.82%	0.00%	0.00%	100.00%
	Column %	1.32%	3.93%	0.00%	0.00%	2.80%
	Total %	0.51%	2.29%	0.00%	0.00%	2.80%

Over \$5 million	Count	13	27	0	1	41
	Row %	31.71%	65.85%	0.00%	2.44%	100.00%
	Column %	8.61%	11.79%	0.00%	20.00%	10.43%
	Total %	3.31%	6.87%	0.00%	0.25%	10.43%
Don't Know	Count	4	16	0	0	20
	Row %	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	2.65%	6.99%	0.00%	0.00%	5.09%
	Total %	1.02%	4.07%	0.00%	0.00%	5.09%
Skipped Question/Skip Pattern	Count	82	129	6	3	220
	Row %	37.27%	58.64%	2.73%	1.36%	100.00%
	Column %	54.30%	56.33%	75.00%	60.00%	55.98%
	Total %	20.87%	32.82%	1.53%	0.76%	55.98%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q46 What is your current single project bonding limit? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q46 What is your current single project bonding limit?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Below \$100,000	Count	7	8	0	1	16
	Row %	43.75%	50.00%	0.00%	6.25%	100.00%
	Column %	4.64%	3.49%	0.00%	20.00%	4.07%
	Total %	1.78%	2.04%	0.00%	0.25%	4.07%
\$100,001 to \$250,000	Count	6	5	0	0	11
	Row %	54.55%	45.45%	0.00%	0.00%	100.00%
	Column %	3.97%	2.18%	0.00%	0.00%	2.80%
	Total %	1.53%	1.27%	0.00%	0.00%	2.80%
\$250,001 to \$500,000	Count	8	3	1	0	12
	Row %	66.67%	25.00%	8.33%	0.00%	100.00%
	Column %	5.30%	1.31%	12.50%	0.00%	3.05%
	Total %	2.04%	0.76%	0.25%	0.00%	3.05%
\$500,001 to \$1 million	Count	10	10	1	0	21
	Row %	47.62%	47.62%	4.76%	0.00%	100.00%
	Column %	6.62%	4.37%	12.50%	0.00%	5.34%
	Total %	2.54%	2.54%	0.25%	0.00%	5.34%
\$1,000,001 to \$1.5 million	Count	9	12	0	0	21
	Row %	42.86%	57.14%	0.00%	0.00%	100.00%
	Column %	5.96%	5.24%	0.00%	0.00%	5.34%
	Total %	2.29%	3.05%	0.00%	0.00%	5.34%

\$1,500,001 to \$3 million	Count	5	8	0	0	13
	Row %	38.46%	61.54%	0.00%	0.00%	100.00%
	Column %	3.31%	3.49%	0.00%	0.00%	3.31%
	Total %	1.27%	2.04%	0.00%	0.00%	3.31%
\$3,000,001 to \$5 million	Count	4	12	0	0	16
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	2.65%	5.24%	0.00%	0.00%	4.07%
	Total %	1.02%	3.05%	0.00%	0.00%	4.07%
Over \$5 million	Count	12	23	0	1	36
	Row %	33.33%	63.89%	0.00%	2.78%	100.00%
	Column %	7.95%	10.04%	0.00%	20.00%	9.16%
	Total %	3.05%	5.85%	0.00%	0.25%	9.16%
Don't Know	Count	8	19	0	0	27
	Row %	29.63%	70.37%	0.00%	0.00%	100.00%
	Column %	5.30%	8.30%	0.00%	0.00%	6.87%
	Total %	2.04%	4.83%	0.00%	0.00%	6.87%
Skipped Question/Skip Pattern	Count	82	129	6	3	220
	Row %	37.27%	58.64%	2.73%	1.36%	100.00%
	Column %	54.30%	56.33%	75.00%	60.00%	55.98%
	Total %	20.87%	32.82%	1.53%	0.76%	55.98%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q47 As a subcontractor did you experience discriminatory behavior between October 1, 2006 and September 30, 2011 from a prime contractor working on bidding on an AKDOT&PF project? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q47 As a subcontractor did you experience discriminatory behavior between October 1, 2006 and September 30, 2011 from a prime contractor working on bidding on an AKDOT&PF project?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	10	10	0	1	21
	Row %	47.62%	47.62%	0.00%	4.76%	100.00%
	Column %	6.62%	4.37%	0.00%	20.00%	5.34%
	Total %	2.54%	2.54%	0.00%	0.25%	5.34%
No	Count	123	179	8	4	314
	Row %	39.17%	57.01%	2.55%	1.27%	100.00%
	Column %	81.46%	78.17%	100.00%	80.00%	79.90%
	Total %	31.30%	45.55%	2.04%	1.02%	79.90%



Don't Know	Count	3	6	0	0	9
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	1.99%	2.62%	0.00%	0.00%	2.29%
	Total %	0.76%	1.53%	0.00%	0.00%	2.29%
Not Applicable	Count	15	34	0	0	49
	Row %	30.61%	69.39%	0.00%	0.00%	100.00%
	Column %	9.93%	14.85%	0.00%	0.00%	12.47%
	Total %	3.82%	8.65%	0.00%	0.00%	12.47%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q48 What was the most noticeable way you became aware of the discrimination against your company? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q48 What was the most noticeable way you became aware of the discrimination against your company?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Verbal comment	Count	5	5	0	0	10
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	3.31%	2.18%	0.00%	0.00%	2.54%
	Total %	1.27%	1.27%	0.00%	0.00%	2.54%
Action taken against the company	Count	4	4	0	1	9
	Row %	44.44%	44.44%	0.00%	11.11%	100.00%
	Column %	2.65%	1.75%	0.00%	20.00%	2.29%
	Total %	1.02%	1.02%	0.00%	0.25%	2.29%
Don't Know	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
Skipped Question/Skip Pattern	Count	141	219	8	4	372
	Row %	37.90%	58.87%	2.15%	1.08%	100.00%
	Column %	93.38%	95.63%	100.00%	80.00%	94.66%
	Total %	35.88%	55.73%	2.04%	1.02%	94.66%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q49 Which of the following do you consider the primary reason for your company being discriminated against? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q49 Which of the following do you consider the primary reason for your company being discriminated against?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Owners race or ethnicity	Count	1	7	0	0	8
	Row %	12.50%	87.50%	0.00%	0.00%	100.00%
	Column %	0.66%	3.06%	0.00%	0.00%	2.04%
	Total %	0.25%	1.78%	0.00%	0.00%	2.04%
Owners gender	Count	3	0	0	0	3
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.00%	0.00%	0.00%	0.76%
	Total %	0.76%	0.00%	0.00%	0.00%	0.76%
Don't Know	Count	6	3	0	1	10
	Row %	60.00%	30.00%	0.00%	10.00%	100.00%
	Column %	3.97%	1.31%	0.00%	20.00%	2.54%
	Total %	1.53%	0.76%	0.00%	0.25%	2.54%
Skipped Question/Skip Pattern	Count	141	219	8	4	372
	Row %	37.90%	58.87%	2.15%	1.08%	100.00%
	Column %	93.38%	95.63%	100.00%	80.00%	94.66%
	Total %	35.88%	55.73%	2.04%	1.02%	94.66%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q50 When did the discrimination first occur? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q50 When did the discrimination first occur?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
During bidding process	Count	5	3	0	1	9
	Row %	55.56%	33.33%	0.00%	11.11%	100.00%
	Column %	3.31%	1.31%	0.00%	20.00%	2.29%
	Total %	1.27%	0.76%	0.00%	0.25%	2.29%
After contract award	Count	4	5	0	0	9
	Row %	44.44%	55.56%	0.00%	0.00%	100.00%
	Column %	2.65%	2.18%	0.00%	0.00%	2.29%
	Total %	1.02%	1.27%	0.00%	0.00%	2.29%
Don't Know	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%

Skipped Question/Skip Pattern	Count	141	219	8	4	372
	Row %	37.90%	58.87%	2.15%	1.08%	100.00%
	Column %	93.38%	95.63%	100.00%	80.00%	94.66%
	Total %	35.88%	55.73%	2.04%	1.02%	94.66%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q51 Did you file a complaint? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q51 Did you file a complaint?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	1	1	0	0	2
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.44%	0.00%	0.00%	0.51%
	Total %	0.25%	0.25%	0.00%	0.00%	0.51%
No	Count	9	9	0	1	19
	Row %	47.37%	47.37%	0.00%	5.26%	100.00%
	Column %	5.96%	3.93%	0.00%	20.00%	4.83%
	Total %	2.29%	2.29%	0.00%	0.25%	4.83%
Skipped Question/Skip Pattern	Count	141	219	8	4	372
	Row %	37.90%	58.87%	2.15%	1.08%	100.00%
	Column %	93.38%	95.63%	100.00%	80.00%	94.66%
	Total %	35.88%	55.73%	2.04%	1.02%	94.66%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: QQ52 Have you observed a situation in which a prime contractor includes minority or woman subcontractors in 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? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

QQ52 Have you observed a situation in which a prime contractor includes minority or woman subcontractors in 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?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	15	16	0	0	31
	Row %	48.39%	51.61%	0.00%	0.00%	100.00%
	Column %	9.93%	6.99%	0.00%	0.00%	7.89%
	Total %	3.82%	4.07%	0.00%	0.00%	7.89%
No	Count	131	201	8	4	344
	Row %	38.08%	58.43%	2.33%	1.16%	100.00%
	Column %	86.75%	87.77%	100.00%	80.00%	87.53%
	Total %	33.33%	51.15%	2.04%	1.02%	87.53%
Don't Know	Count	5	12	0	1	18
	Row %	27.78%	66.67%	0.00%	5.56%	100.00%
	Column %	3.31%	5.24%	0.00%	20.00%	4.58%
	Total %	1.27%	3.05%	0.00%	0.25%	4.58%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q53 How often do prime contractors who use your firm as a subcontractor on public-sector projects with DBE goals solicit your firm on projects (private or public) without DBE goals? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q53 How often do prime contractors who use your firm as a subcontractor on public-sector projects with DBE goals solicit your firm on projects (private or public) without DBE goals?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Very often	Count	22	28	1	1	52
	Row %	42.31%	53.85%	1.92%	1.92%	100.00%
	Column %	14.57%	12.23%	12.50%	20.00%	13.23%
	Total %	5.60%	7.12%	0.25%	0.25%	13.23%

Sometimes	Count	24	33	1	0	58
	Row %	41.38%	56.90%	1.72%	0.00%	100.00%
	Column %	15.89%	14.41%	12.50%	0.00%	14.76%
	Total %	6.11%	8.40%	0.25%	0.00%	14.76%
Seldom	Count	26	31	0	1	58
	Row %	44.83%	53.45%	0.00%	1.72%	100.00%
	Column %	17.22%	13.54%	0.00%	20.00%	14.76%
	Total %	6.62%	7.89%	0.00%	0.25%	14.76%
Never	Count	35	60	5	1	101
	Row %	34.65%	59.41%	4.95%	0.99%	100.00%
	Column %	23.18%	26.20%	62.50%	20.00%	25.70%
	Total %	8.91%	15.27%	1.27%	0.25%	25.70%
Not applicable	Count	44	77	1	2	124
	Row %	35.48%	62.10%	0.81%	1.61%	100.00%
	Column %	29.14%	33.62%	12.50%	40.00%	31.55%
	Total %	11.20%	19.59%	0.25%	0.51%	31.55%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54A Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Harassment? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54A Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Harassment?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	4	3	0	0	7
	Row %	57.14%	42.86%	0.00%	0.00%	100.00%
	Column %	2.65%	1.31%	0.00%	0.00%	1.78%
	Total %	1.02%	0.76%	0.00%	0.00%	1.78%
No	Count	147	226	8	5	386
	Row %	38.08%	58.55%	2.07%	1.30%	100.00%
	Column %	97.35%	98.69%	100.00%	100.00%	98.22%
	Total %	37.40%	57.51%	2.04%	1.27%	98.22%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54B Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54B Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment?		M/W/DBE or Non-M/W/DBE (not based on certification)				Total
		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	
Yes	Count	12	13	0	0	25
	Row %	48.00%	52.00%	0.00%	0.00%	100.00%
	Column %	7.95%	5.68%	0.00%	0.00%	6.36%
	Total %	3.05%	3.31%	0.00%	0.00%	6.36%
No	Count	139	216	8	5	368
	Row %	37.77%	58.70%	2.17%	1.36%	100.00%
	Column %	92.05%	94.32%	100.00%	100.00%	93.64%
	Total %	35.37%	54.96%	2.04%	1.27%	93.64%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54C Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54C Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment?		M/W/DBE or Non-M/W/DBE (not based on certification)				Total
		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	
Yes	Count	31	23	1	0	55
	Row %	56.36%	41.82%	1.82%	0.00%	100.00%
	Column %	20.53%	10.04%	12.50%	0.00%	13.99%
	Total %	7.89%	5.85%	0.25%	0.00%	13.99%
No	Count	120	206	7	5	338
	Row %	35.50%	60.95%	2.07%	1.48%	100.00%
	Column %	79.47%	89.96%	87.50%	100.00%	86.01%
	Total %	30.53%	52.42%	1.78%	1.27%	86.01%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54D Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Bid shopping or bid manipulation? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54D Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Bid shopping or bid manipulation?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	16	19	1	0	36
	Row %	44.44%	52.78%	2.78%	0.00%	100.00%
	Column %	10.60%	8.30%	12.50%	0.00%	9.16%
	Total %	4.07%	4.83%	0.25%	0.00%	9.16%
No	Count	135	210	7	5	357
	Row %	37.82%	58.82%	1.96%	1.40%	100.00%
	Column %	89.40%	91.70%	87.50%	100.00%	90.84%
	Total %	34.35%	53.44%	1.78%	1.27%	90.84%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54E Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Double standards in performance? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54E Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Double standards in performance?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	6	7	0	1	14
	Row %	42.86%	50.00%	0.00%	7.14%	100.00%
	Column %	3.97%	3.06%	0.00%	20.00%	3.56%
	Total %	1.53%	1.78%	0.00%	0.25%	3.56%

No	Count	145	222	8	4	379
	Row %	38.26%	58.58%	2.11%	1.06%	100.00%
	Column %	96.03%	96.94%	100.00%	80.00%	96.44%
	Total %	36.90%	56.49%	2.04%	1.02%	96.44%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54F Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Denial of opportunity to provide a quote? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54F Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Denial of opportunity to provide a quote?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	9	6	0	0	15
	Row %	60.00%	40.00%	0.00%	0.00%	100.00%
	Column %	5.96%	2.62%	0.00%	0.00%	3.82%
	Total %	2.29%	1.53%	0.00%	0.00%	3.82%
No	Count	142	223	8	5	378
	Row %	37.57%	58.99%	2.12%	1.32%	100.00%
	Column %	94.04%	97.38%	100.00%	100.00%	96.18%
	Total %	36.13%	56.74%	2.04%	1.27%	96.18%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%



**Table: Q54G Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair denial of contract award? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54G Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair denial of contract award?		M/W/DBE or Non-M/W/DBE (not based on certification)				Total
		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	
Yes	Count	5	5	0	0	10
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	3.31%	2.18%	0.00%	0.00%	2.54%
	Total %	1.27%	1.27%	0.00%	0.00%	2.54%
No	Count	146	224	8	5	383
	Row %	38.12%	58.49%	2.09%	1.31%	100.00%
	Column %	96.69%	97.82%	100.00%	100.00%	97.46%
	Total %	37.15%	57.00%	2.04%	1.27%	97.46%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q54H Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair termination? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q54H Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair termination?		M/W/DBE or Non-M/W/DBE (not based on certification)				Total
		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	
Yes	Count	7	9	0	0	16
	Row %	43.75%	56.25%	0.00%	0.00%	100.00%
	Column %	4.64%	3.93%	0.00%	0.00%	4.07%
	Total %	1.78%	2.29%	0.00%	0.00%	4.07%
No	Count	144	220	8	5	377
	Row %	38.20%	58.36%	2.12%	1.33%	100.00%
	Column %	95.36%	96.07%	100.00%	100.00%	95.93%
	Total %	36.64%	55.98%	2.04%	1.27%	95.93%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q55 There is an informal network of prime contractors and subcontractors that has excluded my company from doing in the private sector \*  
M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q55 There is an informal network of prime contractors and subcontractors that has excluded my company from doing in the private sector		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Strongly Agree	Count	14	16	0	0	30
	Row %	46.67%	53.33%	0.00%	0.00%	100.00%
	Column %	9.27%	6.99%	0.00%	0.00%	7.63%
	Total %	3.56%	4.07%	0.00%	0.00%	7.63%
Somewhat Agree	Count	12	17	0	1	30
	Row %	40.00%	56.67%	0.00%	3.33%	100.00%
	Column %	7.95%	7.42%	0.00%	20.00%	7.63%
	Total %	3.05%	4.33%	0.00%	0.25%	7.63%
Neither Agree or Disagree	Count	10	23	0	0	33
	Row %	30.30%	69.70%	0.00%	0.00%	100.00%
	Column %	6.62%	10.04%	0.00%	0.00%	8.40%
	Total %	2.54%	5.85%	0.00%	0.00%	8.40%
Somewhat Disagree	Count	40	64	2	1	107
	Row %	37.38%	59.81%	1.87%	0.93%	100.00%
	Column %	26.49%	27.95%	25.00%	20.00%	27.23%
	Total %	10.18%	16.28%	0.51%	0.25%	27.23%
Strongly Disagree	Count	75	109	6	3	193
	Row %	38.86%	56.48%	3.11%	1.55%	100.00%
	Column %	49.67%	47.60%	75.00%	60.00%	49.11%
	Total %	19.08%	27.74%	1.53%	0.76%	49.11%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q56 Has your company applied for a commercial business bank loan between October 1, 2006 and September 30, 2011? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q56 Has your company applied for a commercial business bank loan between October 1, 2006 and September 30, 2011?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	55	103	1	3	162
	Row %	33.95%	63.58%	0.62%	1.85%	100.00%
	Column %	36.42%	44.98%	12.50%	60.00%	41.22%
	Total %	13.99%	26.21%	0.25%	0.76%	41.22%
No	Count	90	114	7	2	213
	Row %	42.25%	53.52%	3.29%	0.94%	100.00%
	Column %	59.60%	49.78%	87.50%	40.00%	54.20%
	Total %	22.90%	29.01%	1.78%	0.51%	54.20%
Don't Know	Count	6	12	0	0	18
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	3.97%	5.24%	0.00%	0.00%	4.58%
	Total %	1.53%	3.05%	0.00%	0.00%	4.58%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q57 Were you approved or denied for a commercial business bank loan? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q57 Were you approved or denied for a commercial business bank loan?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Approved	Count	49	98	1	2	150
	Row %	32.67%	65.33%	0.67%	1.33%	100.00%
	Column %	32.45%	42.79%	12.50%	40.00%	38.17%
	Total %	12.47%	24.94%	0.25%	0.51%	38.17%
Denied	Count	6	6	0	1	13
	Row %	46.15%	46.15%	0.00%	7.69%	100.00%
	Column %	3.97%	2.62%	0.00%	20.00%	3.31%
	Total %	1.53%	1.53%	0.00%	0.25%	3.31%
Skipped Question/Skip Pattern	Count	96	125	7	2	230
	Row %	41.74%	54.35%	3.04%	0.87%	100.00%
	Column %	63.58%	54.59%	87.50%	40.00%	58.52%
	Total %	24.43%	31.81%	1.78%	0.51%	58.52%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q58 Which of the following do you believe was the primary reason for your being denied a loan?. \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q58 Which of the following do you believe was the primary reason for your being denied a loan?.		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Insufficient documentation	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Confusion about the process	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Don't Know	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
Other	Count	4	3	0	1	8
	Row %	50.00%	37.50%	0.00%	12.50%	100.00%
	Column %	2.65%	1.31%	0.00%	20.00%	2.04%
	Total %	1.02%	0.76%	0.00%	0.25%	2.04%
Skipped Question/Skip Pattern	Count	145	223	8	4	380
	Row %	38.16%	58.68%	2.11%	1.05%	100.00%
	Column %	96.03%	97.38%	100.00%	80.00%	96.69%
	Total %	36.90%	56.74%	2.04%	1.02%	96.69%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q59 Which of the following do you believe was the primary reason for your being denied a loan, Specify Other? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q59 Which of the following do you believe was the primary reason for your being denied a loan, Specify Other?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
"I think that the banker did not believe that we could handle the loan	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Bank offered loan to business and then rejected on the agreement of the loan.	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Credit maxed out	Count	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.25%
Federal Regulations	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Length of time in business	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
My credit score	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
No Response	Count	147	226	8	4	385
	Row %	38.18%	58.70%	2.08%	1.04%	100.00%
	Column %	97.35%	98.69%	100.00%	80.00%	97.96%
	Total %	37.40%	57.51%	2.04%	1.02%	97.96%
Not enough capital at the time	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Slow receivables	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q60 Have you experienced discriminatory behavior from the private sector between October 1, 2006 and September 30, 2011? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q60 Have you experienced discriminatory behavior from the private sector between October 1, 2006 and September 30, 2011?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Yes	Count	14	16	1	0	31
	Row %	45.16%	51.61%	3.23%	0.00%	100.00%
	Column %	9.33%	6.99%	12.50%	0.00%	7.91%
	Total %	3.57%	4.08%	0.26%	0.00%	7.91%
No	Count	134	203	7	5	349
	Row %	38.40%	58.17%	2.01%	1.43%	100.00%
	Column %	89.33%	88.65%	87.50%	100.00%	89.03%
	Total %	34.18%	51.79%	1.79%	1.28%	89.03%
Don't Know	Count	2	10	0	0	12
	Row %	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	1.33%	4.37%	0.00%	0.00%	3.06%
	Total %	0.51%	2.55%	0.00%	0.00%	3.06%
Total	Count	150	229	8	5	392
	Row %	38.27%	58.42%	2.04%	1.28%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.27%	58.42%	2.04%	1.28%	100.00%

**Table: Q61 What was the most noticeable way you became aware of the discrimination against your company? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**  
**M/W/DBE or Non-M/W/DBE (not based on certification)**

Q61 What was the most noticeable way you became aware of the discrimination against your company?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Verbal comment	Count	10	9	1	0	20
	Row %	50.00%	45.00%	5.00%	0.00%	100.00%
	Column %	6.62%	3.93%	12.50%	0.00%	5.09%
	Total %	2.54%	2.29%	0.25%	0.00%	5.09%
Action taken against the company	Count	2	6	0	0	8
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	1.32%	2.62%	0.00%	0.00%	2.04%
	Total %	0.51%	1.53%	0.00%	0.00%	2.04%

Don't Know	Count	3	1	0	0	4
	Row %	75.00%	25.00%	0.00%	0.00%	100.00%
	Column %	1.99%	0.44%	0.00%	0.00%	1.02%
	Total %	0.76%	0.25%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	136	213	7	5	361
	Row %	37.67%	59.00%	1.94%	1.39%	100.00%
	Column %	90.07%	93.01%	87.50%	100.00%	91.86%
	Total %	34.61%	54.20%	1.78%	1.27%	91.86%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q62 Which of the following do you consider the primary reason for your company being discriminated against? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q62 Which of the following do you consider the primary reason for your company being discriminated against?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
Owners race or ethnicity	Count	3	5	0	0	8
	Row %	37.50%	62.50%	0.00%	0.00%	100.00%
	Column %	1.99%	2.18%	0.00%	0.00%	2.04%
	Total %	0.76%	1.27%	0.00%	0.00%	2.04%
Owners gender	Count	3	3	0	0	6
	Row %	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	1.99%	1.31%	0.00%	0.00%	1.53%
	Total %	0.76%	0.76%	0.00%	0.00%	1.53%
Don't Know	Count	9	8	1	0	18
	Row %	50.00%	44.44%	5.56%	0.00%	100.00%
	Column %	5.96%	3.49%	12.50%	0.00%	4.58%
	Total %	2.29%	2.04%	0.25%	0.00%	4.58%
Skipped Question/Skip Pattern	Count	136	213	7	5	361
	Row %	37.67%	59.00%	1.94%	1.39%	100.00%
	Column %	90.07%	93.01%	87.50%	100.00%	91.86%
	Total %	34.61%	54.20%	1.78%	1.27%	91.86%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q63 When did the discrimination first occur? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q63 When did the discrimination first occur?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
During bidding process	Count	10	6	1	0	17
	Row %	58.82%	35.29%	5.88%	0.00%	100.00%
	Column %	6.62%	2.62%	12.50%	0.00%	4.33%
	Total %	2.54%	1.53%	0.25%	0.00%	4.33%
After contract award	Count	4	7	0	0	11
	Row %	36.36%	63.64%	0.00%	0.00%	100.00%
	Column %	2.65%	3.06%	0.00%	0.00%	2.80%
	Total %	1.02%	1.78%	0.00%	0.00%	2.80%
Don't Know	Count	1	3	0	0	4
	Row %	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.66%	1.31%	0.00%	0.00%	1.02%
	Total %	0.25%	0.76%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	136	213	7	5	361
	Row %	37.67%	59.00%	1.94%	1.39%	100.00%
	Column %	90.07%	93.01%	87.50%	100.00%	91.86%
	Total %	34.61%	54.20%	1.78%	1.27%	91.86%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

**Table: Q65Notes \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].  
M/W/DBE or Non-M/W/DBE (not based on certification)**

Q65Notes		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
	Count	1	0	1	0	2
	Row %	50.00%	0.00%	50.00%	0.00%	100.00%
	Column %	0.66%	0.00%	12.50%	0.00%	0.51%
	Total %	0.25%	0.00%	0.25%	0.00%	0.51%
"As to discrimination in private sector he said: ""They do not want me in the Good Ole Boys Club & I am offered very small jobs DOT jobs have been v"	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Not a valid response	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%



ADOT is a pleasure to work with & they seem very professional & easy to get along with	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
As an engineer the prime contractors & subcontractors are actually called prime consultants & subconsultants	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Beverly said it would be okay to call back on Q60 She wasn't sure on how to respond accurately	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Chris mentioned how the language of the indemnification clause places blame on subcontractors even if they're not at fault	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
DBE programs are nothing but discriminatory Small businesses have huge advantage over others with pricing less liability no safety less supervision	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
DOT has made it almost impossible for DBE's to get work They allow contractors to use a couple of DBE's for easy cheap work like Trucking & Flags	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Dan stated that DBE goals prevents their company from getting work	Count	0	0	1	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%
Dan states he really does not deal with ADOT The questions really does not apply to him but he completed the survey anyway	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Dave is a manager & he finished the survey started at 22	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Diana said that cost of bonding is too high Also please place business on DO NOT CALL list	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%

Did not have answers to Q 25 31 32 40 45 46 Email questions to nancyb@rotatingservices.com	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Females in my region don't count as minority anymore because we are doing so well in this area Discrimination is bad with ADOT for females	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Gentleman stated it was a pleasure talking to me & he was glad that we called	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Hard to get loans within last 2 years	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
He told me that there is no program for small businesses & that is the main problem that he is dealing with	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
I have done a huge amount of work with the ADOT They are a great group of people	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
I would like to see every person & company in Alaska given the opportunity to bid on work or do work with ADOT & PF regardless of how small or large	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
If the subcontractor could get some decent bonding & financing that would help us out	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Most of this company's work is handed to them by the FDOT they do not bid	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Moved away in 2011 Answered based on while he was in AK	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

No Comments	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
No additional comments	Count	1	2	0	0	3
	Row %	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.66%	0.87%	0.00%	0.00%	0.76%
	Total %	0.25%	0.51%	0.00%	0.00%	0.76%
No comment	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
No comments	Count	9	17	0	0	26
	Row %	34.62%	65.38%	0.00%	0.00%	100.00%
	Column %	5.96%	7.42%	0.00%	0.00%	6.62%
	Total %	2.29%	4.33%	0.00%	0.00%	6.62%
No further comments	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
No longer in business but active in survey timeframe	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
None	Count	116	189	5	5	315
	Row %	36.83%	60.00%	1.59%	1.59%	100.00%
	Column %	76.82%	82.53%	62.50%	100.00%	80.15%
	Total %	29.52%	48.09%	1.27%	1.27%	80.15%
Owner has epilesey & can not use computers therefore he is unable to bid on DOT & PF projects because they are processed on the computer	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Owner refused to give financial information	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Owner says that they rarely if ever work on projects relating to ADOT or PF	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Q18 does not apply Out of business since 2008	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Q35 discriminated against because DOT rep in area gives all jobs to his botherinlaw	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Q62 was neither & Q63 was actually both during & after	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Respondent stated that ADOTPF has gone down hill over the last six years Owner of Co is currently awaiting payment on several jobs & says it take	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Sarah says the questions are badly worded making it difficult to be sure about some answers	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
She said that the head of the company has already completed the survey	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Small company & do not have the contracts available to work with ADOT	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Susan: Disadvantage of DBE is that there are too many forms & it takes too much time The process should be streamlined at the bottom level	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
There is reverse discrimination by the DBE goals in specific areas	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Was a prime contractor only Sub contractor questions still came up Answered NA or DK to those	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%

Was only a prime contractor Never a sub All the sub questions came up so I said NA for all of those	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
Was prime contractor only sub contractor questions still came up	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
We are in a Isolated community & there is only two construction company so we don't have problems with the ADOT&PF	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
We go 60 & 90 days for pay when we work for a prime contractor & that is killing our busy	Count	0	1	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%
We have not formally signed up to be small DBE company with the ADOT but we are going to do so	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
no additional comments	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
no comments	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
respondent would like work from ADOT & just has never had communication with them or opportunity w ADOT to work	Count	1	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.66%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.25%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%

Table: In what year was your company established? \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].

M/W/DBE or Non-M/W/DBE (not based on certification)

In what year was your company established?		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
1810-1900	Count	1	2	1	0	4
	Row %	25.00%	50.00%	25.00%	0.00%	100.00%
	Column %	0.67%	0.88%	12.50%	0.00%	1.02%
	Total %	0.26%	0.51%	0.26%	0.00%	1.02%
1921-1950	Count	2	7	1	1	11
	Row %	18.18%	63.64%	9.09%	9.09%	100.00%
	Column %	1.33%	3.07%	12.50%	20.00%	2.81%
	Total %	0.51%	1.79%	0.26%	0.26%	2.81%
1951-1980	Count	26	67	2	4	99
	Row %	26.26%	67.68%	2.02%	4.04%	100.00%
	Column %	17.33%	29.39%	25.00%	80.00%	25.32%
	Total %	6.65%	17.14%	0.51%	1.02%	25.32%
1981-1990	Count	26	58	1	0	85
	Row %	30.59%	68.24%	1.18%	0.00%	100.00%
	Column %	17.33%	25.44%	12.50%	0.00%	21.74%
	Total %	6.65%	14.83%	0.26%	0.00%	21.74%
1991-2000	Count	47	52	1	0	100
	Row %	47.00%	52.00%	1.00%	0.00%	100.00%
	Column %	31.33%	22.81%	12.50%	0.00%	25.58%
	Total %	12.02%	13.30%	0.26%	0.00%	25.58%
2001-2005	Count	19	23	2	0	44
	Row %	43.18%	52.27%	4.55%	0.00%	100.00%
	Column %	12.67%	10.09%	25.00%	0.00%	11.25%
	Total %	4.86%	5.88%	0.51%	0.00%	11.25%
2006-2011	Count	27	19	0	0	46
	Row %	58.70%	41.30%	0.00%	0.00%	100.00%
	Column %	18.00%	8.33%	0.00%	0.00%	11.76%
	Total %	6.91%	4.86%	0.00%	0.00%	11.76%
2012	Count	2	0	0	0	2
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	1.33%	0.00%	0.00%	0.00%	0.51%
	Total %	0.51%	0.00%	0.00%	0.00%	0.51%
Total	Count	150	228	8	5	391
	Row %	38.36%	58.31%	2.05%	1.28%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.36%	58.31%	2.05%	1.28%	100.00%

**Table: Race, Ethnicity, Gender Classification (Business Ownership Classification) \* M/W/DBE or Non-M/W/DBE (not based on certification) [count, row %, column %, total %].**

		M/W/DBE or Non-M/W/DBE (not based on certification)				
Race, Ethnicity, Gender Classification (Business Ownership Classification)		M/W/DBE Firms	Non-M/W/DBE Firms	Don't Know	Other	Total
African Americans	Count	6	0	0	0	6
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	3.97%	0.00%	0.00%	0.00%	1.53%
	Total %	1.53%	0.00%	0.00%	0.00%	1.53%
Alaskan Natives Corporation	Count	18	0	0	0	18
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	11.92%	0.00%	0.00%	0.00%	4.58%
	Total %	4.58%	0.00%	0.00%	0.00%	4.58%
American Indians/Alaska Natives	Count	44	0	0	0	44
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	29.14%	0.00%	0.00%	0.00%	11.20%
	Total %	11.20%	0.00%	0.00%	0.00%	11.20%
Asian Indian/Pacific Islanders	Count	7	0	0	0	7
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	4.64%	0.00%	0.00%	0.00%	1.78%
	Total %	1.78%	0.00%	0.00%	0.00%	1.78%
Hispanic Americans	Count	7	0	0	0	7
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	4.64%	0.00%	0.00%	0.00%	1.78%
	Total %	1.78%	0.00%	0.00%	0.00%	1.78%
Nonminority Female	Count	69	0	0	0	69
	Row %	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	45.70%	0.00%	0.00%	0.00%	17.56%
	Total %	17.56%	0.00%	0.00%	0.00%	17.56%
Non-M/W/DBE	Count	0	229	0	0	229
	Row %	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	100.00%	0.00%	0.00%	58.27%
	Total %	0.00%	58.27%	0.00%	0.00%	58.27%
Don't Know	Count	0	0	8	0	8
	Row %	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	100.00%	0.00%	2.04%
	Total %	0.00%	0.00%	2.04%	0.00%	2.04%

Other	Count	0	0	0	5	5
	Row %	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	100.00%	1.27%
	Total %	0.00%	0.00%	0.00%	1.27%	1.27%
Total	Count	151	229	8	5	393
	Row %	38.42%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	38.42%	58.27%	2.04%	1.27%	100.00%



**Table: Q1 What is your title? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q1 What is your title?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Owner	Count	2	3	21	5	3	42	81	1	0	158
	Row %	1.27%	1.90%	13.29%	3.16%	1.90%	26.58%	51.27%	0.63%	0.00%	100.00%
	Column %	33.33%	16.67%	47.73%	71.43%	42.86%	60.87%	35.37%	12.50%	0.00%	40.20%
	Total %	0.51%	0.76%	5.34%	1.27%	0.76%	10.69%	20.61%	0.25%	0.00%	40.20%
CEO/President	Count	1	9	11	0	3	10	42	1	2	79
	Row %	1.27%	11.39%	13.92%	0.00%	3.80%	12.66%	53.16%	1.27%	2.53%	100.00%
	Column %	16.67%	50.00%	25.00%	0.00%	42.86%	14.49%	18.34%	12.50%	40.00%	20.10%
	Total %	0.25%	2.29%	2.80%	0.00%	0.76%	2.54%	10.69%	0.25%	0.51%	20.10%
Manager/Financial Officer	Count	3	6	11	1	1	17	92	6	3	140
	Row %	2.14%	4.29%	7.86%	0.71%	0.71%	12.14%	65.71%	4.29%	2.14%	100.00%
	Column %	50.00%	33.33%	25.00%	14.29%	14.29%	24.64%	40.17%	75.00%	60.00%	35.62%
	Total %	0.76%	1.53%	2.80%	0.25%	0.25%	4.33%	23.41%	1.53%	0.76%	35.62%
Other	Count	0	0	1	1	0	0	14	0	0	16
	Row %	0.00%	0.00%	6.25%	6.25%	0.00%	0.00%	87.50%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	0.00%	6.11%	0.00%	0.00%	4.07%
	Total %	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	3.56%	0.00%	0.00%	4.07%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q2 What is your title other Formatted? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q2 What is your title other Formatted?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	6	18	43	6	6	69	214	8	5	375
	Row %	1.60%	4.80%	11.47%	1.60%	1.60%	18.40%	57.07%	2.13%	1.33%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.60%	4.80%	11.47%	1.60%	1.60%	18.40%	57.07%	2.13%	1.33%	100.00%
Total	Count	6	18	43	6	6	69	214	8	5	375
	Row %	1.60%	4.80%	11.47%	1.60%	1.60%	18.40%	57.07%	2.13%	1.33%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.60%	4.80%	11.47%	1.60%	1.60%	18.40%	57.07%	2.13%	1.33%	100.00%

**Table: Q6 Which ONE of the following is your company's primary line of business? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q6 Which ONE of the following is your company's primary line of business?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Construction	Count	3	12	28	4	5	41	162	3	3	261
	Row %	1.15%	4.60%	10.73%	1.53%	1.92%	15.71%	62.07%	1.15%	1.15%	100.00%
	Column %	50.00%	66.67%	63.64%	57.14%	71.43%	59.42%	70.74%	37.50%	60.00%	66.41%
	Total %	0.76%	3.05%	7.12%	1.02%	1.27%	10.43%	41.22%	0.76%	0.76%	66.41%
Construction-related AELS	Count	0	2	8	1	2	8	39	2	1	63
	Row %	0.00%	3.17%	12.70%	1.59%	3.17%	12.70%	61.90%	3.17%	1.59%	100.00%
	Column %	0.00%	11.11%	18.18%	14.29%	28.57%	11.59%	17.03%	25.00%	20.00%	16.03%
	Total %	0.00%	0.51%	2.04%	0.25%	0.51%	2.04%	9.92%	0.51%	0.25%	16.03%
Construction-related non-AELS	Count	1	0	3	2	0	9	15	2	1	33
	Row %	3.03%	0.00%	9.09%	6.06%	0.00%	27.27%	45.45%	6.06%	3.03%	100.00%
	Column %	16.67%	0.00%	6.82%	28.57%	0.00%	13.04%	6.55%	25.00%	20.00%	8.40%
	Total %	0.25%	0.00%	0.76%	0.51%	0.00%	2.29%	3.82%	0.51%	0.25%	8.40%
Other	Count	2	4	5	0	0	11	13	1	0	36
	Row %	5.56%	11.11%	13.89%	0.00%	0.00%	30.56%	36.11%	2.78%	0.00%	100.00%

	Column %	33.33%	22.22%	11.36%	0.00%	0.00%	15.94%	5.68%	12.50%	0.00%	9.16%
	Total %	0.51%	1.02%	1.27%	0.00%	0.00%	2.80%	3.31%	0.25%	0.00%	9.16%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q7 Specify Construction Formatted? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q7 Specify Construction Formatted?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	3	6	16	3	2	28	67	5	2	132
	Row %	2.27%	4.55%	12.12%	2.27%	1.52%	21.21%	50.76%	3.79%	1.52%	100.00%
	Column %	50.00%	33.33%	36.36%	42.86%	28.57%	40.58%	29.26%	62.50%	40.00%	33.59%
	Total %	0.76%	1.53%	4.07%	0.76%	0.51%	7.12%	17.05%	1.27%	0.51%	33.59%
Aluminum Fabrication	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Asbestos work lead work & demolition in residence & commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Asphalt	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Asphalt & concrete work commercial & government entities	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Brick Masonry	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Bridges & road construction	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Build Road & Bridges Construction for foundations & concrete	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
Building Bridges	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building Construction commercial & private	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Building Renovations	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building bridges	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Building contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building houses	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building power lines Journey Linemen	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Building wiring	Count	0	0	0	1	0	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Cable	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Civil Construction	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
Civil Dirt Work Construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Civil construction that does roads	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Commercial	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Commercial & institutional construction	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Commercial & light industry work	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Commercial Buildings	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial Concrete	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Commercial Plumbing & Heating	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial buildings is the specialty	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial construction building erection & remodeling	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial diver support & hazmat response	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Concrete & masonry company residential & commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete cutting & demolition	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete placement	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Concrete subcontractor	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Concrete work	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Construction based retail sales	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Construction carpentry	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Construction management	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Construction trucking	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
Constructions Drivers	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Demolition	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt Contractors	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Dirt work excavation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Drilling	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Drilling Contractor	Count	0	0	0	0	0	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%
Drywall	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall & Painting	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Drywall & building	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall & painting Contractor	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Drywall commercial only	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Drywall residence & commercial work	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Electric	Count	0	0	0	0	0	0	1	0	1	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%	0.51%
Electric work & siding in metal buildings	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Electrical	Count	0	0	2	1	0	0	8	1	1	13
	Row %	0.00%	0.00%	15.38%	7.69%	0.00%	0.00%	61.54%	7.69%	7.69%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	0.00%	0.00%	3.49%	12.50%	20.00%	3.31%
	Total %	0.00%	0.00%	0.51%	0.25%	0.00%	0.00%	2.04%	0.25%	0.25%	3.31%
Electrical Construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Electrical Construction Commercial Residential & Industrial	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Electrical construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Electrical contractor	Count	0	0	1	0	0	1	0	0	0	2
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%
Electrical contractor for residential & commercial work	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Electrical general license	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
Electrical service for residential & commercial work	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Excavating	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Excavation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation Company	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation construction & concrete	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Exterior wall construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing & guardrails	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%

Floor Covering	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Floor covering	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Flooring glazing acoustical ceilings blinds tile	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Foundation repairs for commercial & residential work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General	Count	0	1	4	0	0	0	13	0	0	18
	Row %	0.00%	5.56%	22.22%	0.00%	0.00%	0.00%	72.22%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	9.09%	0.00%	0.00%	0.00%	5.68%	0.00%	0.00%	4.58%
	Total %	0.00%	0.25%	1.02%	0.00%	0.00%	0.00%	3.31%	0.00%	0.00%	4.58%
General contractor commercial & residential	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General contractors commercial only	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
General & Electrical Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General & heavy civil construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General Contracting	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General Contracting Coding	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General Contracting building	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General Contractor	Count	0	2	1	0	0	0	4	0	0	7
	Row %	0.00%	28.57%	14.29%	0.00%	0.00%	0.00%	57.14%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	1.78%
	Total %	0.00%	0.51%	0.25%	0.00%	0.00%	0.00%	1.02%	0.00%	0.00%	1.78%
General Contractor hazardous demolition	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General Contractor Structural mover	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

General Contractor site work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General Contractors	Count	0	0	1	0	0	0	1	0	0	2
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
General building engineering	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General civil contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General con	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General construction	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General construction Oil field support	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General construction & leasing	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General construction mostly all commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contracting	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contracting for commercial work base operations support services for the government	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General contractor	Count	0	0	4	1	0	1	5	0	0	11
	Row %	0.00%	0.00%	36.36%	9.09%	0.00%	9.09%	45.45%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	9.09%	14.29%	0.00%	1.45%	2.18%	0.00%	0.00%	2.80%
	Total %	0.00%	0.00%	1.02%	0.25%	0.00%	0.25%	1.27%	0.00%	0.00%	2.80%
General contractor & heavy industrial construction	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
General contractor & mechanical	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor electrical & security	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%



General contractor for Highway & airport runways Civil Construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor for commercial & residential	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor for commercial work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contractor for state: cleaning storm water catch basins	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General contractors	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
General contractors installation inspection of sprinkler systems	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Grading & Paving	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
Guard rails etc	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
HVAC	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
HVAC contractor for new construction & renovations also do custom fabrication as well	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
HVAC primarily commercial	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
HVAC service & installation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Hauling of construction materials gravel asphalt remove & placement	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Hauling rock	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Havoc	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Heavy & commercial buildings	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy Civil Construction & Oil Field Services	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy Commercial	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Heavy Construction	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Heavy Construction road reconstruction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy civil	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Heavy civil construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Heavy construction	Count	0	0	0	0	0	1	4	0	0	5
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	1.75%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	1.02%	0.00%	0.00%	1.27%
Heavy construction cranes	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy construction foundations etc	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy construction road work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy dirt & equipment contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy equipment	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Industrial & commercial building construction renovations etc	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Industrial painting higloss finishing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Install garage doors	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Install insulation for commercial buildings	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Installation of flooring	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Insulation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Land clearing for Commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Land development for subdivision water & pipe line & sewage construction General Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Manufacturing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Marine construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Mechanical construction	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
Mechanical construction which is plumbing heating & welding	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
MunicipalCommercial Building Construction general contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Painting	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Painting & Dry Wall	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Painting Company	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Pavement Preservation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Paving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Pile driving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Pile ridding	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Piles foundations drilling all commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plastering	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Plumbing & Heating company for residential & commercial work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing & heating	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing & heating contactor for residential & commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing & mechanical	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing heating fire protection	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Power line Work	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Put up steel buildings	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Rebuilding	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Road & Highway Concretes	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Road & parking lot	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Road & utilities	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Road construction	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Road maintenance storm repair & cleaning ditches private home site development	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Roofing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Roofs & gutters	Count	0	0	0	1	0	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Sales administrative Traffic Control	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Sand & gravel	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Service & maintenance of fuelrelated equipment	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Service work installation for schools specialty contractor	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Sewer lines water lines road construction concrete work	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Small tenant improvements & commercial door & hard installing	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Specialty contracting	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty contractors installation of doors	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Steel erection company for commerial work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Street road highway & bridges	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Streetlight illumination & signalization	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Telecommunications construction & engineering	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Terminal operator Crane service	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Tile Driving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Tractors & Trucking	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Traffic control for contractors on city & state projects	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Tree services	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Trucking	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Underground irrigation landscape irrigation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Unloading ships crane rental	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Utility work heavy construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Ventilation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Vertical	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
Vertical Improvements	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Vertical building construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Verticle construction Building	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
commercial HVAC & plumbing mechanical contractor for residential & commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
commercial construction	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
electrical for industrial & commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
fencing co	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
fire sprinklers & fire alarms	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
general	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
general contractor primarily civil construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q7 Specify Construction Formatted? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q7 Specify Construction Formatted?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	3	6	16	3	2	28	67	5	2	132
	Row %	2.27%	4.55%	12.12%	2.27%	1.52%	21.21%	50.76%	3.79%	1.52%	100.00%
	Column %	50.00%	33.33%	36.36%	42.86%	28.57%	40.58%	29.26%	62.50%	40.00%	33.59%
	Total %	0.76%	1.53%	4.07%	0.76%	0.51%	7.12%	17.05%	1.27%	0.51%	33.59%
Aluminum Fabrication	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Asbestos Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Asphalt Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Brick Masonry	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Building Contractor	Count	1	0	0	1	0	5	18	1	0	26
	Row %	3.85%	0.00%	0.00%	3.85%	0.00%	19.23%	69.23%	3.85%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	14.29%	0.00%	7.25%	7.86%	12.50%	0.00%	6.62%
	Total %	0.25%	0.00%	0.00%	0.25%	0.00%	1.27%	4.58%	0.25%	0.00%	6.62%
Cable	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Civil Dirt Work Construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Concrete Contractor	Count	0	0	1	0	0	1	10	0	0	12
	Row %	0.00%	0.00%	8.33%	0.00%	0.00%	8.33%	83.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	4.37%	0.00%	0.00%	3.05%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	2.54%	0.00%	0.00%	3.05%
Construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Construction Drivers	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
Construction carpentry	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Construction management	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Demolition	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Dirt Contractors	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Dirt work excavation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Drilling Contractor	Count	0	0	0	0	0	0	1	0	1	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%	0.51%
Drywall	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%



Electrical Contractor	Count	0	1	5	1	0	3	11	1	2	24
	Row %	0.00%	4.17%	20.83%	4.17%	0.00%	12.50%	45.83%	4.17%	8.33%	100.00%
	Column %	0.00%	5.56%	11.36%	14.29%	0.00%	4.35%	4.80%	12.50%	40.00%	6.11%
	Total %	0.00%	0.25%	1.27%	0.25%	0.00%	0.76%	2.80%	0.25%	0.51%	6.11%
Excavating	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Excavation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Excavation Company	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Fencing & Guardrails Contractor	Count	0	0	0	0	1	0	2	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.51%	0.00%	0.00%	0.76%
Flooring Contractor	Count	0	0	0	0	0	1	3	0	0	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	1.31%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.76%	0.00%	0.00%	1.02%
General	Count	0	0	2	0	0	0	2	0	0	4
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	1.02%
General & Electrical Contractor	Count	0	0	0	0	1	1	1	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	1.45%	0.44%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.25%	0.00%	0.00%	0.76%
General Contracting	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General Contractor	Count	1	6	9	0	1	5	30	0	0	52
	Row %	1.92%	11.54%	17.31%	0.00%	1.92%	9.62%	57.69%	0.00%	0.00%	100.00%
	Column %	16.67%	33.33%	20.45%	0.00%	14.29%	7.25%	13.10%	0.00%	0.00%	13.23%
	Total %	0.25%	1.53%	2.29%	0.00%	0.25%	1.27%	7.63%	0.00%	0.00%	13.23%
General Contractor site work	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General con	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General construction Oil field support	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
General construction & leasing	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
General contractor	Count	0	0	2	1	0	0	1	0	0	4
	Row %	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	0.00%	0.00%	0.44%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.51%	0.25%	0.00%	0.00%	0.25%	0.00%	0.00%	1.02%

General contractor & heavy industrial construction	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Grading & Paving	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
Guard rails etc	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
HVAC Contractor	Count	0	0	0	0	0	2	12	0	0	14
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	14.29%	85.71%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	2.90%	5.24%	0.00%	0.00%	3.56%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	3.05%	0.00%	0.00%	3.56%
Hauling Contractor	Count	1	0	0	0	0	2	2	0	0	5
	Row %	20.00%	0.00%	0.00%	0.00%	0.00%	40.00%	40.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	2.90%	0.87%	0.00%	0.00%	1.27%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.51%	0.51%	0.00%	0.00%	1.27%
Hauling rock	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Havoc	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy & Civil Construction	Count	0	2	2	0	1	5	20	0	0	30
	Row %	0.00%	6.67%	6.67%	0.00%	3.33%	16.67%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	4.55%	0.00%	14.29%	7.25%	8.73%	0.00%	0.00%	7.63%
	Total %	0.00%	0.51%	0.51%	0.00%	0.25%	1.27%	5.09%	0.00%	0.00%	7.63%
Heavy & Civil Construction Utilities	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Heavy Construction	Count	0	1	1	0	0	0	2	0	0	4
	Row %	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	1.02%
Heavy Construction Equipment	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy dirt & equipment contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Heavy equipment	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
Install garage doors	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Insulation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Land clearing for Commercial	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Land development for subdivision water & pipe line & sewage construction General Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Manufacturing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Marine construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Painting Contractor	Count	0	0	0	0	0	2	4	0	0	6
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	2.90%	1.75%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	1.02%	0.00%	0.00%	1.53%
Pavement Preservation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Paving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Pile driving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Pile ridding	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plastering	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Plumbing & heating	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Plumbing heating fire protection	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Power line Work	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Roofing Contractors	Count	0	0	0	1	0	0	1	0	0	2
	Row %	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
Sand & gravel	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%

Service & maintenance of fuelrelated equipment	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Service work installation for schools specialty contractor	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty Contractor	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Specialty contracting	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Specialty contractors installation of doors	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
Streetlight illumination & signalization	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Telecommunications construction & engineering	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Terminal operator Crane service	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Tile Driving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Traffic Control Contractors	Count	0	0	1	0	0	0	1	0	0	2
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
Tree services	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Underground irrigation landscape irrigation	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Unloading ships crane rental	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Utility work heavy construction	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
fire sprinklers & fire alarms	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

general	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q8 Specify Construction-related AELS professional services? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q8 Specify Construction-related AELS professional services?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	6	16	36	6	5	61	190	6	4	330
	Row %	1.82%	4.85%	10.91%	1.82%	1.52%	18.48%	57.58%	1.82%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.82%	4.85%	10.91%	1.82%	1.52%	18.48%	57.58%	1.82%	1.21%	100.00%
Total	Count	6	16	36	6	5	61	190	6	4	330
	Row %	1.82%	4.85%	10.91%	1.82%	1.52%	18.48%	57.58%	1.82%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.82%	4.85%	10.91%	1.82%	1.52%	18.48%	57.58%	1.82%	1.21%	100.00%

**Table: Q8 Specify Construction-related AELS professional services Formatted? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q8 Specify Construction-related AELS professional services Formatted?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	6	16	36	6	5	61	191	6	4	331
	Row %	1.81%	4.83%	10.88%	1.81%	1.51%	18.43%	57.70%	1.81%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.81%	4.83%	10.88%	1.81%	1.51%	18.43%	57.70%	1.81%	1.21%	100.00%
Total	Count	6	16	36	6	5	61	191	6	4	331
	Row %	1.81%	4.83%	10.88%	1.81%	1.51%	18.43%	57.70%	1.81%	1.21%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.81%	4.83%	10.88%	1.81%	1.51%	18.43%	57.70%	1.81%	1.21%	100.00%

**Table: Q9 Specify Construction-related non-AELS professional services? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q9 Specify Construction-related non-AELS professional services?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
	Count	5	18	41	5	7	60	214	6	4	360
	Row %	1.39%	5.00%	11.39%	1.39%	1.94%	16.67%	59.44%	1.67%	1.11%	100.00%
	Column %	83.33%	100.00%	93.18%	71.43%	100.00%	86.96%	93.45%	75.00%	80.00%	91.60%
	Total %	1.27%	4.58%	10.43%	1.27%	1.78%	15.27%	54.45%	1.53%	1.02%	91.60%
Calibrate plants & asphalt aggregate crusher plant	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Civil engineering consultant not a contractor not an engineer	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Commercial Sales Forklifts & Warehouse Shelving	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Concrete	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Construction support	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Drains cleaning for the state of Alaska these are drain in ditches	Column %	0	0	0	0	0	0	1	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Enviormental Services	Column %	0	0	0	0	0	1	1	1	0	3
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	33.33%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	12.50%	0.00%	0.76%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.25%	0.00%	0.76%
Environmental	Column %	0	0	1	0	0	0	0	0	0	1
	Total %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Gravel extraction & Gravel Hauling	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Heavy load construction	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Insulation	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Management Consulting Cleaning Services	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Power Driving	Column %	0	0	0	1	0	0	0	0	0	1
	Total %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Provide Construction To Job Sites	Column %	0	0	0	0	0	0	0	1	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
Pump & well services	Column %	0	0	0	0	0	0	1	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Residential Sales	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Right of Way Tree Excavation	Count	0	0	0	1	0	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Road signs	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Roadway repairs & other types of roadway construction	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Sales & service of industrial rotating equipment	Column %	0	0	0	0	0	1	0	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Shipping & printing	Column %	1	0	0	0	0	0	0	0	0	1
	Total %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Count	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Row %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Steel fabrication & install	Column %	0	0	0	0	0	0	0	0	1	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%
Storm water management	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Storm water pollution plans	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Storm water pollution prevention & erosion control	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Testing & adjusting balancing	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Trucking	Column %	0	0	0	0	0	0	1	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Underground Water & Sewer	Column %	0	0	0	0	0	1	0	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Utilities	Column %	0	0	0	0	0	0	1	0	0	1
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Count	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Water systems	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
I	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q9 Specify Construction-related non-AELS professional services Formatted? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q9 Specify Construction-related non-AELS professional services Formatted?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	5	18	40	5	7	59	211	6	4	355
	Row %	1.41%	5.07%	11.27%	1.41%	1.97%	16.62%	59.44%	1.69%	1.13%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.41%	5.07%	11.27%	1.41%	1.97%	16.62%	59.44%	1.69%	1.13%	100.00%
Total	Count	5	18	40	5	7	59	211	6	4	355
	Row %	1.41%	5.07%	11.27%	1.41%	1.97%	16.62%	59.44%	1.69%	1.13%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.41%	5.07%	11.27%	1.41%	1.97%	16.62%	59.44%	1.69%	1.13%	100.00%

Table: Q10 Specify Other? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q10 Specify Other?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	4	14	39	7	7	58	216	7	5	357
	Row %	1.12%	3.92%	10.92%	1.96%	1.96%	16.25%	60.50%	1.96%	1.40%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.12%	3.92%	10.92%	1.96%	1.96%	16.25%	60.50%	1.96%	1.40%	100.00%
Total	Count	4	14	39	7	7	58	216	7	5	357
	Row %	1.12%	3.92%	10.92%	1.96%	1.96%	16.25%	60.50%	1.96%	1.40%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.12%	3.92%	10.92%	1.96%	1.96%	16.25%	60.50%	1.96%	1.40%	100.00%

Table: Q11 Is more than 50% of your company owned and controlled by a woman or women? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q11 Is more than 50% of your company owned and controlled by a woman or women?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	12	2	5	69	0	1	0	92
	Row %	1.09%	2.17%	13.04%	2.17%	5.43%	75.00%	0.00%	1.09%	0.00%	100.00%
	Column %	16.67%	11.11%	27.27%	28.57%	71.43%	100.00%	0.00%	12.50%	0.00%	23.41%
	Total %	0.25%	0.51%	3.05%	0.51%	1.27%	17.56%	0.00%	0.25%	0.00%	23.41%
No	Count	5	15	32	5	2	0	229	7	5	300
	Row %	1.67%	5.00%	10.67%	1.67%	0.67%	0.00%	76.33%	2.33%	1.67%	100.00%
	Column %	83.33%	83.33%	72.73%	71.43%	28.57%	0.00%	100.00%	87.50%	100.00%	76.34%
	Total %	1.27%	3.82%	8.14%	1.27%	0.51%	0.00%	58.27%	1.78%	1.27%	76.34%
Don't Know	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q12 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q12 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Anglo/Causasian/White	Count	0	0	0	0	0	69	229	0	0	298
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	23.15%	76.85%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	75.83%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	17.56%	58.27%	0.00%	0.00%	75.83%



Black/African American	Count	6	0	0	0	0	0	0	0	0	6
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.53%
	Total %	1.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.53%
Asian	Count	0	0	0	7	0	0	0	0	0	7
	Row %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.00%	1.78%	0.00%	0.00%	0.00%	0.00%	0.00%	1.78%
Hispanic/Latino	Count	0	0	0	0	7	0	0	0	0	7
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.00%	0.00%	1.78%	0.00%	0.00%	0.00%	0.00%	1.78%
American Indian/Alaskan Native	Count	0	0	44	0	0	0	0	0	0	44
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.20%
	Total %	0.00%	0.00%	11.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.20%
Alaskan Native Corporations	Count	0	18	0	0	0	0	0	0	0	18
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.58%
	Total %	0.00%	4.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.58%
Don't Know	Count	0	0	0	0	0	0	0	8	0	8
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	0.00%	2.04%
Other	Count	0	0	0	0	0	0	0	0	5	5
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.27%	1.27%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q13 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups Specify Other? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q13 Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups Specify Other?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Total
No Response	Count	6	18	44	7	7	69	225	7	383
	Row %	1.57%	4.70%	11.49%	1.83%	1.83%	18.02%	58.75%	1.83%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.57%	4.70%	11.49%	1.83%	1.83%	18.02%	58.75%	1.83%	100.00%
Total	Count	6	18	44	7	7	69	225	7	383
	Row %	1.57%	4.70%	11.49%	1.83%	1.83%	18.02%	58.75%	1.83%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.57%	4.70%	11.49%	1.83%	1.83%	18.02%	58.75%	1.83%	100.00%

Table: Q14 What is the highest level of education completed by the primary owner of your company? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q14 What is the highest level of education completed by the primary owner of your company?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Some high school	Count	0	0	0	0	0	1	8	0	0	9
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	88.89%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	3.49%	0.00%	0.00%	2.29%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	2.04%	0.00%	0.00%	2.29%
High school graduate	Count	0	2	9	1	3	19	53	0	0	87
	Row %	0.00%	2.30%	10.34%	1.15%	3.45%	21.84%	60.92%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	20.45%	14.29%	42.86%	27.54%	23.14%	0.00%	0.00%	22.14%
	Total %	0.00%	0.51%	2.29%	0.25%	0.76%	4.83%	13.49%	0.00%	0.00%	22.14%

Trade or technical education	Count	1	1	2	0	0	2	15	0	0	21
	Row %	4.76%	4.76%	9.52%	0.00%	0.00%	9.52%	71.43%	0.00%	0.00%	100.00%
	Column %	16.67%	5.56%	4.55%	0.00%	0.00%	2.90%	6.55%	0.00%	0.00%	5.34%
	Total %	0.25%	0.25%	0.51%	0.00%	0.00%	0.51%	3.82%	0.00%	0.00%	5.34%
Some College	Count	3	2	12	0	1	14	47	1	1	81
	Row %	3.70%	2.47%	14.81%	0.00%	1.23%	17.28%	58.02%	1.23%	1.23%	100.00%
	Column %	50.00%	11.11%	27.27%	0.00%	14.29%	20.29%	20.52%	12.50%	20.00%	20.61%
	Total %	0.76%	0.51%	3.05%	0.00%	0.25%	3.56%	11.96%	0.25%	0.25%	20.61%
College degree	Count	1	9	14	5	2	18	72	2	1	124
	Row %	0.81%	7.26%	11.29%	4.03%	1.61%	14.52%	58.06%	1.61%	0.81%	100.00%
	Column %	16.67%	50.00%	31.82%	71.43%	28.57%	26.09%	31.44%	25.00%	20.00%	31.55%
	Total %	0.25%	2.29%	3.56%	1.27%	0.51%	4.58%	18.32%	0.51%	0.25%	31.55%
Post graduate degree	Count	1	3	2	1	0	12	21	2	1	43
	Row %	2.33%	6.98%	4.65%	2.33%	0.00%	27.91%	48.84%	4.65%	2.33%	100.00%
	Column %	16.67%	16.67%	4.55%	14.29%	0.00%	17.39%	9.17%	25.00%	20.00%	10.94%
	Total %	0.25%	0.76%	0.51%	0.25%	0.00%	3.05%	5.34%	0.51%	0.25%	10.94%
No response/Don't Know	Count	0	1	5	0	1	3	13	3	2	28
	Row %	0.00%	3.57%	17.86%	0.00%	3.57%	10.71%	46.43%	10.71%	7.14%	100.00%
	Column %	0.00%	5.56%	11.36%	0.00%	14.29%	4.35%	5.68%	37.50%	40.00%	7.12%
	Total %	0.00%	0.25%	1.27%	0.00%	0.25%	0.76%	3.31%	0.76%	0.51%	7.12%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q15 In what year was your company established? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q15 In what year was your company established?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
1810	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1853	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
1880	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1887	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
1924	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1934	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
1940	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

1946	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
1947	Count	0	0	0	0	0	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%
1949	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1950	Count	0	1	0	0	0	0	3	0	0	4
	Row %	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	1.02%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.00%	1.02%
1951	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
1952	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1954	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
1955	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1956	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1958	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1960	Count	0	0	0	0	0	0	1	0	1	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	20.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%	0.51%
1961	Count	0	0	1	0	0	0	1	0	0	2
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
1962	Count	0	0	0	0	0	0	1	1	1	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	33.33%	33.33%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	12.50%	20.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.25%	0.76%
1964	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1965	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

1966	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1967	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1968	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
1969	Count	0	0	0	0	0	1	1	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%
1970	Count	0	1	0	0	0	0	3	0	1	5
	Row %	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	60.00%	0.00%	20.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	20.00%	1.27%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.25%	1.27%
1971	Count	0	0	1	0	0	1	3	0	1	6
	Row %	0.00%	0.00%	16.67%	0.00%	0.00%	16.67%	50.00%	0.00%	16.67%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	1.31%	0.00%	20.00%	1.53%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.76%	0.00%	0.25%	1.53%
1972	Count	0	0	2	0	0	0	6	0	0	8
	Row %	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	0.00%	2.62%	0.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	1.53%	0.00%	0.00%	2.04%
1973	Count	0	1	1	0	0	0	2	0	0	4
	Row %	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	1.02%
1974	Count	0	0	1	0	0	1	8	0	0	10
	Row %	0.00%	0.00%	10.00%	0.00%	0.00%	10.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	3.49%	0.00%	0.00%	2.54%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	2.04%	0.00%	0.00%	2.54%
1975	Count	0	0	1	0	0	1	4	0	0	6
	Row %	0.00%	0.00%	16.67%	0.00%	0.00%	16.67%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	1.75%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	1.02%	0.00%	0.00%	1.53%
1976	Count	0	0	0	0	0	1	2	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.51%	0.00%	0.00%	0.76%
1977	Count	0	0	2	0	0	2	2	0	0	6
	Row %	0.00%	0.00%	33.33%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	2.90%	0.87%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%	0.51%	0.00%	0.00%	1.53%
1978	Count	0	2	1	0	0	1	6	1	0	11
	Row %	0.00%	18.18%	9.09%	0.00%	0.00%	9.09%	54.55%	9.09%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	0.00%	1.45%	2.62%	12.50%	0.00%	2.80%
	Total %	0.00%	0.51%	0.25%	0.00%	0.00%	0.25%	1.53%	0.25%	0.00%	2.80%
1979	Count	0	0	0	0	0	0	5	0	0	5
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.18%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.27%	0.00%	0.00%	1.27%
1980	Count	0	0	0	1	0	0	8	0	0	9
	Row %	0.00%	0.00%	0.00%	11.11%	0.00%	0.00%	88.89%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	3.49%	0.00%	0.00%	2.29%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	2.04%	0.00%	0.00%	2.29%

1981	Count	0	0	2	0	0	2	5	0	0	9
	Row %	0.00%	0.00%	22.22%	0.00%	0.00%	22.22%	55.56%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	2.90%	2.18%	0.00%	0.00%	2.29%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%	1.27%	0.00%	0.00%	2.29%
1982	Count	0	3	0	0	0	2	10	0	0	15
	Row %	0.00%	20.00%	0.00%	0.00%	0.00%	13.33%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	0.00%	0.00%	0.00%	2.90%	4.37%	0.00%	0.00%	3.82%
	Total %	0.00%	0.76%	0.00%	0.00%	0.00%	0.51%	2.54%	0.00%	0.00%	3.82%
1983	Count	0	0	3	0	1	0	9	0	0	13
	Row %	0.00%	0.00%	23.08%	0.00%	7.69%	0.00%	69.23%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	0.00%	14.29%	0.00%	3.93%	0.00%	0.00%	3.31%
	Total %	0.00%	0.00%	0.76%	0.00%	0.25%	0.00%	2.29%	0.00%	0.00%	3.31%
1984	Count	0	0	2	0	0	1	4	0	0	7
	Row %	0.00%	0.00%	28.57%	0.00%	0.00%	14.29%	57.14%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	1.45%	1.75%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.25%	1.02%	0.00%	0.00%	1.78%
1985	Count	0	0	1	0	0	0	8	1	0	10
	Row %	0.00%	0.00%	10.00%	0.00%	0.00%	0.00%	80.00%	10.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	3.49%	12.50%	0.00%	2.54%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	2.04%	0.25%	0.00%	2.54%
1986	Count	0	0	0	0	0	1	4	0	0	5
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	1.75%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	1.02%	0.00%	0.00%	1.27%
1987	Count	0	0	0	0	0	0	4	0	0	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.02%	0.00%	0.00%	1.02%
1988	Count	0	0	0	0	0	0	4	0	0	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.02%	0.00%	0.00%	1.02%
1989	Count	1	0	2	0	0	2	4	0	0	9
	Row %	11.11%	0.00%	22.22%	0.00%	0.00%	22.22%	44.44%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	4.55%	0.00%	0.00%	2.90%	1.75%	0.00%	0.00%	2.29%
	Total %	0.25%	0.00%	0.51%	0.00%	0.00%	0.51%	1.02%	0.00%	0.00%	2.29%
1990	Count	0	0	1	0	0	2	6	0	0	9
	Row %	0.00%	0.00%	11.11%	0.00%	0.00%	22.22%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	2.90%	2.62%	0.00%	0.00%	2.29%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%	1.53%	0.00%	0.00%	2.29%
1991	Count	0	0	0	0	0	0	2	0	0	2
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%
1992	Count	1	0	1	0	0	3	5	0	0	10
	Row %	10.00%	0.00%	10.00%	0.00%	0.00%	30.00%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	2.27%	0.00%	0.00%	4.35%	2.18%	0.00%	0.00%	2.54%
	Total %	0.25%	0.00%	0.25%	0.00%	0.00%	0.76%	1.27%	0.00%	0.00%	2.54%
1993	Count	0	3	1	0	0	3	7	0	0	14
	Row %	0.00%	21.43%	7.14%	0.00%	0.00%	21.43%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	2.27%	0.00%	0.00%	4.35%	3.06%	0.00%	0.00%	3.56%
	Total %	0.00%	0.76%	0.25%	0.00%	0.00%	0.76%	1.78%	0.00%	0.00%	3.56%
1994	Count	0	1	1	1	0	0	2	0	0	5
	Row %	0.00%	20.00%	20.00%	20.00%	0.00%	0.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	14.29%	0.00%	0.00%	0.87%	0.00%	0.00%	1.27%
	Total %	0.00%	0.25%	0.25%	0.25%	0.00%	0.00%	0.51%	0.00%	0.00%	1.27%
1995	Count	0	0	0	1	0	2	7	0	0	10
	Row %	0.00%	0.00%	0.00%	10.00%	0.00%	20.00%	70.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	2.90%	3.06%	0.00%	0.00%	2.54%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.51%	1.78%	0.00%	0.00%	2.54%

1996	Count	0	0	0	0	1	2	5	0	0	8
	Row %	0.00%	0.00%	0.00%	0.00%	12.50%	25.00%	62.50%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	2.90%	2.18%	0.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.51%	1.27%	0.00%	0.00%	2.04%
1997	Count	0	0	2	1	0	3	7	0	0	13
	Row %	0.00%	0.00%	15.38%	7.69%	0.00%	23.08%	53.85%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	0.00%	4.35%	3.06%	0.00%	0.00%	3.31%
	Total %	0.00%	0.00%	0.51%	0.25%	0.00%	0.76%	1.78%	0.00%	0.00%	3.31%
1998	Count	0	0	0	0	0	1	5	0	0	6
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	2.18%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	1.27%	0.00%	0.00%	1.53%
1999	Count	0	0	2	1	1	5	6	0	0	15
	Row %	0.00%	0.00%	13.33%	6.67%	6.67%	33.33%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	14.29%	7.25%	2.62%	0.00%	0.00%	3.82%
	Total %	0.00%	0.00%	0.51%	0.25%	0.25%	1.27%	1.53%	0.00%	0.00%	3.82%
2000	Count	0	0	4	0	0	6	6	1	0	17
	Row %	0.00%	0.00%	23.53%	0.00%	0.00%	35.29%	35.29%	5.88%	0.00%	100.00%
	Column %	0.00%	0.00%	9.09%	0.00%	0.00%	8.70%	2.62%	12.50%	0.00%	4.33%
	Total %	0.00%	0.00%	1.02%	0.00%	0.00%	1.53%	1.53%	0.25%	0.00%	4.33%
2001	Count	0	1	1	0	1	2	4	0	0	9
	Row %	0.00%	11.11%	11.11%	0.00%	11.11%	22.22%	44.44%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	14.29%	2.90%	1.75%	0.00%	0.00%	2.29%
	Total %	0.00%	0.25%	0.25%	0.00%	0.25%	0.51%	1.02%	0.00%	0.00%	2.29%
2002	Count	0	1	0	0	0	2	3	0	0	6
	Row %	0.00%	16.67%	0.00%	0.00%	0.00%	33.33%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	2.90%	1.31%	0.00%	0.00%	1.53%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%	0.76%	0.00%	0.00%	1.53%
2003	Count	0	0	1	0	1	3	6	0	0	11
	Row %	0.00%	0.00%	9.09%	0.00%	9.09%	27.27%	54.55%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	14.29%	4.35%	2.62%	0.00%	0.00%	2.80%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%	0.76%	1.53%	0.00%	0.00%	2.80%
2004	Count	0	0	1	0	0	0	6	1	0	8
	Row %	0.00%	0.00%	12.50%	0.00%	0.00%	0.00%	75.00%	12.50%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	2.62%	12.50%	0.00%	2.04%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	1.53%	0.25%	0.00%	2.04%
2005	Count	1	0	2	0	0	2	4	1	0	10
	Row %	10.00%	0.00%	20.00%	0.00%	0.00%	20.00%	40.00%	10.00%	0.00%	100.00%
	Column %	16.67%	0.00%	4.55%	0.00%	0.00%	2.90%	1.75%	12.50%	0.00%	2.54%
	Total %	0.25%	0.00%	0.51%	0.00%	0.00%	0.51%	1.02%	0.25%	0.00%	2.54%
2006	Count	0	0	1	0	2	2	6	0	0	11
	Row %	0.00%	0.00%	9.09%	0.00%	18.18%	18.18%	54.55%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	28.57%	2.90%	2.62%	0.00%	0.00%	2.80%
	Total %	0.00%	0.00%	0.25%	0.00%	0.51%	0.51%	1.53%	0.00%	0.00%	2.80%
2007	Count	1	1	1	1	0	1	3	0	0	8
	Row %	12.50%	12.50%	12.50%	12.50%	0.00%	12.50%	37.50%	0.00%	0.00%	100.00%
	Column %	16.67%	5.56%	2.27%	14.29%	0.00%	1.45%	1.31%	0.00%	0.00%	2.04%
	Total %	0.25%	0.25%	0.25%	0.25%	0.00%	0.25%	0.76%	0.00%	0.00%	2.04%
2008	Count	0	1	1	0	0	4	4	0	0	10
	Row %	0.00%	10.00%	10.00%	0.00%	0.00%	40.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	5.80%	1.75%	0.00%	0.00%	2.54%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	1.02%	1.02%	0.00%	0.00%	2.54%
2009	Count	2	1	1	0	0	1	4	0	0	9
	Row %	22.22%	11.11%	11.11%	0.00%	0.00%	11.11%	44.44%	0.00%	0.00%	100.00%
	Column %	33.33%	5.56%	2.27%	0.00%	0.00%	1.45%	1.75%	0.00%	0.00%	2.29%
	Total %	0.51%	0.25%	0.25%	0.00%	0.00%	0.25%	1.02%	0.00%	0.00%	2.29%
2010	Count	0	1	0	0	0	2	2	0	0	5
	Row %	0.00%	20.00%	0.00%	0.00%	0.00%	40.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	2.90%	0.87%	0.00%	0.00%	1.27%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%	0.51%	0.00%	0.00%	1.27%

2011	Count	0	0	2	0	0	1	0	0	0	3
	Row %	0.00%	0.00%	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.76%
2012	Count	0	0	1	1	0	0	0	0	0	2
	Row %	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%
2013	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
No Response	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q16 How many years of experience in your company's line of business does the primary owners of your firm have? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q16 How many years of experience in your company's line of business does the primary owners of your firm have?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
0-5 years	Count	0	3	2	0	0	3	0	0	0	8
	Row %	0.00%	37.50%	25.00%	0.00%	0.00%	37.50%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	4.55%	0.00%	0.00%	4.35%	0.00%	0.00%	0.00%	2.04%
	Total %	0.00%	0.76%	0.51%	0.00%	0.00%	0.76%	0.00%	0.00%	0.00%	2.04%
6-10 years	Count	1	1	3	1	0	0	2	0	0	8
	Row %	12.50%	12.50%	37.50%	12.50%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
	Column %	16.67%	5.56%	6.82%	14.29%	0.00%	0.00%	0.87%	0.00%	0.00%	2.04%
	Total %	0.25%	0.25%	0.76%	0.25%	0.00%	0.00%	0.51%	0.00%	0.00%	2.04%
11-15 years	Count	1	0	4	3	1	10	11	1	0	31
	Row %	3.23%	0.00%	12.90%	9.68%	3.23%	32.26%	35.48%	3.23%	0.00%	100.00%
	Column %	16.67%	0.00%	9.09%	42.86%	14.29%	14.49%	4.80%	12.50%	0.00%	7.89%
	Total %	0.25%	0.00%	1.02%	0.76%	0.25%	2.54%	2.80%	0.25%	0.00%	7.89%
16-20 years	Count	0	4	2	1	1	7	4	1	0	20
	Row %	0.00%	20.00%	10.00%	5.00%	5.00%	35.00%	20.00%	5.00%	0.00%	100.00%
	Column %	0.00%	22.22%	4.55%	14.29%	14.29%	10.14%	1.75%	12.50%	0.00%	5.09%
	Total %	0.00%	1.02%	0.51%	0.25%	0.25%	1.78%	1.02%	0.25%	0.00%	5.09%
20+ years	Count	4	10	32	2	5	49	208	5	5	320
	Row %	1.25%	3.13%	10.00%	0.63%	1.56%	15.31%	65.00%	1.56%	1.56%	100.00%
	Column %	66.67%	55.56%	72.73%	28.57%	71.43%	71.01%	90.83%	62.50%	100.00%	81.42%
	Total %	1.02%	2.54%	8.14%	0.51%	1.27%	12.47%	52.93%	1.27%	1.27%	81.42%
No response/Don't Know	Count	0	0	1	0	0	0	4	1	0	6
	Row %	0.00%	0.00%	16.67%	0.00%	0.00%	0.00%	66.67%	16.67%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	1.75%	12.50%	0.00%	1.53%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	1.02%	0.25%	0.00%	1.53%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q17 On average, how many employees does your company keep on the payroll, including full-time and part-time staff? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)												
Q17 On average, how many employees does your company keep on the payroll, including full-time and part-time staff?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total	
0-10 employees	Count	5	6	25	4	2	44	112	1	0	199	
	Row %	2.51%	3.02%	12.56%	2.01%	1.01%	22.11%	56.28%	0.50%	0.00%	100.00%	
	Column %	83.33%	33.33%	56.82%	57.14%	28.57%	63.77%	48.91%	12.50%	0.00%	50.64%	
	Total %	1.27%	1.53%	6.36%	1.02%	0.51%	11.20%	28.50%	0.25%	0.00%	50.64%	
11-20 employees	Count	0	5	9	3	1	13	64	2	2	99	
	Row %	0.00%	5.05%	9.09%	3.03%	1.01%	13.13%	64.65%	2.02%	2.02%	100.00%	
	Column %	0.00%	27.78%	20.45%	42.86%	14.29%	18.84%	27.95%	25.00%	40.00%	25.19%	
	Total %	0.00%	1.27%	2.29%	0.76%	0.25%	3.31%	16.28%	0.51%	0.51%	25.19%	
21-30 employees	Count	0	2	5	0	2	6	14	1	0	30	
	Row %	0.00%	6.67%	16.67%	0.00%	6.67%	20.00%	46.67%	3.33%	0.00%	100.00%	
	Column %	0.00%	11.11%	11.36%	0.00%	28.57%	8.70%	6.11%	12.50%	0.00%	7.63%	
	Total %	0.00%	0.51%	1.27%	0.00%	0.51%	1.53%	3.56%	0.25%	0.00%	7.63%	
31-40 employees	Count	1	0	1	0	1	1	6	1	0	11	
	Row %	9.09%	0.00%	9.09%	0.00%	9.09%	9.09%	54.55%	9.09%	0.00%	100.00%	
	Column %	16.67%	0.00%	2.27%	0.00%	14.29%	1.45%	2.62%	12.50%	0.00%	2.80%	
	Total %	0.25%	0.00%	0.25%	0.00%	0.25%	0.25%	1.53%	0.25%	0.00%	2.80%	
41+ employees	Count	0	5	4	0	1	5	33	3	3	54	
	Row %	0.00%	9.26%	7.41%	0.00%	1.85%	9.26%	61.11%	5.56%	5.56%	100.00%	
	Column %	0.00%	27.78%	9.09%	0.00%	14.29%	7.25%	14.41%	37.50%	60.00%	13.74%	
	Total %	0.00%	1.27%	1.02%	0.00%	0.25%	1.27%	8.40%	0.76%	0.76%	13.74%	
Total	Count	6	18	44	7	7	69	229	8	5	393	
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%	
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%	

Table: Q18 Which of the following categories best approximates your company's gross revenues for calendar year 2011? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)												
Q18 Which of the following categories best approximates your company's gross revenues for calendar year 2011?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total	
0	Count	0	1	1	4	0	11	16	0	0	33	
	Row %	0.00%	3.03%	3.03%	12.12%	0.00%	33.33%	48.48%	0.00%	0.00%	100.00%	
	Column %	0.00%	5.56%	2.27%	57.14%	0.00%	15.94%	6.99%	0.00%	0.00%	8.40%	
	Total %	0.00%	0.25%	0.25%	1.02%	0.00%	2.80%	4.07%	0.00%	0.00%	8.40%	
Up to \$50,000	Count	0	0	2	0	0	3	6	0	0	11	
	Row %	0.00%	0.00%	18.18%	0.00%	0.00%	27.27%	54.55%	0.00%	0.00%	100.00%	
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	4.35%	2.62%	0.00%	0.00%	2.80%	
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.76%	1.53%	0.00%	0.00%	2.80%	
\$50,001 to \$100,000	Count	0	0	1	1	0	4	11	0	0	17	
	Row %	0.00%	0.00%	5.88%	5.88%	0.00%	23.53%	64.71%	0.00%	0.00%	100.00%	
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	5.80%	4.80%	0.00%	0.00%	4.33%	
	Total %	0.00%	0.00%	0.25%	0.25%	0.00%	1.02%	2.80%	0.00%	0.00%	4.33%	
\$100,001 to \$300,000	Count	3	0	1	0	1	8	17	0	0	30	
	Row %	10.00%	0.00%	3.33%	0.00%	3.33%	26.67%	56.67%	0.00%	0.00%	100.00%	
	Column %	50.00%	0.00%	2.27%	0.00%	14.29%	11.59%	7.42%	0.00%	0.00%	7.63%	
	Total %	0.76%	0.00%	0.25%	0.00%	0.25%	2.04%	4.33%	0.00%	0.00%	7.63%	
\$300,001 to \$500,000	Count	1	0	6	0	0	10	15	0	0	32	
	Row %	3.13%	0.00%	18.75%	0.00%	0.00%	31.25%	46.88%	0.00%	0.00%	100.00%	
	Column %	16.67%	0.00%	13.64%	0.00%	0.00%	14.49%	6.55%	0.00%	0.00%	8.14%	
	Total %	0.25%	0.00%	1.53%	0.00%	0.00%	2.54%	3.82%	0.00%	0.00%	8.14%	
\$500,001 to \$1 million	Count	1	4	5	1	1	4	38	0	1	55	
	Row %	1.82%	7.27%	9.09%	1.82%	1.82%	7.27%	69.09%	0.00%	1.82%	100.00%	
	Column %	16.67%	22.22%	11.36%	14.29%	14.29%	5.80%	16.59%	0.00%	20.00%	13.99%	
	Total %	0.25%	1.02%	1.27%	0.25%	0.25%	1.02%	9.67%	0.00%	0.25%	13.99%	



\$1,000,001 to \$3 million	Count	0	2	11	1	2	16	56	1	0	89
	Row %	0.00%	2.25%	12.36%	1.12%	2.25%	17.98%	62.92%	1.12%	0.00%	100.00%
	Column %	0.00%	11.11%	25.00%	14.29%	28.57%	23.19%	24.45%	12.50%	0.00%	22.65%
	Total %	0.00%	0.51%	2.80%	0.25%	0.51%	4.07%	14.25%	0.25%	0.00%	22.65%
\$3,000,001 to \$5 million	Count	1	0	3	0	2	6	15	1	1	29
	Row %	3.45%	0.00%	10.34%	0.00%	6.90%	20.69%	51.72%	3.45%	3.45%	100.00%
	Column %	16.67%	0.00%	6.82%	0.00%	28.57%	8.70%	6.55%	12.50%	20.00%	7.38%
	Total %	0.25%	0.00%	0.76%	0.00%	0.51%	1.53%	3.82%	0.25%	0.25%	7.38%
\$5,000,001 to \$10 million	Count	0	4	6	0	0	4	31	0	1	46
	Row %	0.00%	8.70%	13.04%	0.00%	0.00%	8.70%	67.39%	0.00%	2.17%	100.00%
	Column %	0.00%	22.22%	13.64%	0.00%	0.00%	5.80%	13.54%	0.00%	20.00%	11.70%
	Total %	0.00%	1.02%	1.53%	0.00%	0.00%	1.02%	7.89%	0.00%	0.25%	11.70%
Over \$10 million	Count	0	7	7	0	1	3	22	6	2	48
	Row %	0.00%	14.58%	14.58%	0.00%	2.08%	6.25%	45.83%	12.50%	4.17%	100.00%
	Column %	0.00%	38.89%	15.91%	0.00%	14.29%	4.35%	9.61%	75.00%	40.00%	12.21%
	Total %	0.00%	1.78%	1.78%	0.00%	0.25%	0.76%	5.60%	1.53%	0.51%	12.21%
Don't Know	Count	0	0	1	0	0	0	2	0	0	3
	Row %	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.76%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19A Does your company hold any of the following certifications from a recognized certification agency: Minority Business Enterprise? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q19A Does your company hold any of the following certifications from a recognized certification agency: Minority Business Enterprise?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	2	9	20	1	1	3	1	0	0	37
	Row %	5.41%	24.32%	54.05%	2.70%	2.70%	8.11%	2.70%	0.00%	0.00%	100.00%
	Column %	33.33%	50.00%	45.45%	14.29%	14.29%	4.35%	0.44%	0.00%	0.00%	9.41%
	Total %	0.51%	2.29%	5.09%	0.25%	0.25%	0.76%	0.25%	0.00%	0.00%	9.41%
No	Count	4	8	21	5	5	65	226	8	5	347
	Row %	1.15%	2.31%	6.05%	1.44%	1.44%	18.73%	65.13%	2.31%	1.44%	100.00%
	Column %	66.67%	44.44%	47.73%	71.43%	71.43%	94.20%	98.69%	100.00%	100.00%	88.30%
	Total %	1.02%	2.04%	5.34%	1.27%	1.27%	16.54%	57.51%	2.04%	1.27%	88.30%
Don't Know	Count	0	1	3	1	1	1	2	0	0	9
	Row %	0.00%	11.11%	33.33%	11.11%	11.11%	11.11%	22.22%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	6.82%	14.29%	14.29%	1.45%	0.87%	0.00%	0.00%	2.29%
	Total %	0.00%	0.25%	0.76%	0.25%	0.25%	0.25%	0.51%	0.00%	0.00%	2.29%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19B Does your company hold any of the following certifications from a recognized certification agency: Small Business Enterprise? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q19B Does your company hold any of the following certifications from a recognized certification agency: Small Business Enterprise?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	8	19	0	3	25	81	0	1	138
	Row %	0.72%	5.80%	13.77%	0.00%	2.17%	18.12%	58.70%	0.00%	0.72%	100.00%
	Column %	16.67%	44.44%	43.18%	0.00%	42.86%	36.23%	35.37%	0.00%	20.00%	35.11%
	Total %	0.25%	2.04%	4.83%	0.00%	0.76%	6.36%	20.61%	0.00%	0.25%	35.11%

No	Count	5	8	22	6	3	42	137	8	3	234
	Row %	2.14%	3.42%	9.40%	2.56%	1.28%	17.95%	58.55%	3.42%	1.28%	100.00%
	Column %	83.33%	44.44%	50.00%	85.71%	42.86%	60.87%	59.83%	100.00%	60.00%	59.54%
	Total %	1.27%	2.04%	5.60%	1.53%	0.76%	10.69%	34.86%	2.04%	0.76%	59.54%
Don't Know	Count	0	2	3	1	1	2	11	0	1	21
	Row %	0.00%	9.52%	14.29%	4.76%	4.76%	9.52%	52.38%	0.00%	4.76%	100.00%
	Column %	0.00%	11.11%	6.82%	14.29%	14.29%	2.90%	4.80%	0.00%	20.00%	5.34%
	Total %	0.00%	0.51%	0.76%	0.25%	0.25%	0.51%	2.80%	0.00%	0.25%	5.34%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19C Does your company hold any of the following certifications from a recognized certification agency: Woman Business Enterprise? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q19C Does your company hold any of the following certifications from a recognized certification agency: Woman Business Enterprise?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	0	6	0	1	22	2	1	0	32
	Row %	0.00%	0.00%	18.75%	0.00%	3.13%	68.75%	6.25%	3.13%	0.00%	100.00%
	Column %	0.00%	0.00%	13.64%	0.00%	14.29%	31.88%	0.87%	12.50%	0.00%	8.14%
	Total %	0.00%	0.00%	1.53%	0.00%	0.25%	5.60%	0.51%	0.25%	0.00%	8.14%
No	Count	6	16	36	6	5	47	224	7	5	352
	Row %	1.70%	4.55%	10.23%	1.70%	1.42%	13.35%	63.64%	1.99%	1.42%	100.00%
	Column %	100.00%	88.89%	81.82%	85.71%	71.43%	68.12%	97.82%	87.50%	100.00%	89.57%
	Total %	1.53%	4.07%	9.16%	1.53%	1.27%	11.96%	57.00%	1.78%	1.27%	89.57%
Don't Know	Count	0	2	2	1	1	0	3	0	0	9
	Row %	0.00%	22.22%	22.22%	11.11%	11.11%	0.00%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	4.55%	14.29%	14.29%	0.00%	1.31%	0.00%	0.00%	2.29%
	Total %	0.00%	0.51%	0.51%	0.25%	0.25%	0.00%	0.76%	0.00%	0.00%	2.29%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19D Does your company hold any of the following certifications from a recognized certification agency: Disadvantaged Business Enterprise? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q19D Does your company hold any of the following certifications from a recognized certification agency: Disadvantaged Business Enterprise?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	3	11	27	3	4	15	5	0	0	68
	Row %	4.41%	16.18%	39.71%	4.41%	5.88%	22.06%	7.35%	0.00%	0.00%	100.00%
	Column %	50.00%	61.11%	61.36%	42.86%	57.14%	21.74%	2.18%	0.00%	0.00%	17.30%
	Total %	0.76%	2.80%	6.87%	0.76%	1.02%	3.82%	1.27%	0.00%	0.00%	17.30%
No	Count	3	6	16	4	3	52	220	8	5	317
	Row %	0.95%	1.89%	5.05%	1.26%	0.95%	16.40%	69.40%	2.52%	1.58%	100.00%
	Column %	50.00%	33.33%	36.36%	57.14%	42.86%	75.36%	96.07%	100.00%	100.00%	80.66%
	Total %	0.76%	1.53%	4.07%	1.02%	0.76%	13.23%	55.98%	2.04%	1.27%	80.66%
Don't Know	Count	0	1	1	0	0	2	4	0	0	8
	Row %	0.00%	12.50%	12.50%	0.00%	0.00%	25.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	2.90%	1.75%	0.00%	0.00%	2.04%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%	1.02%	0.00%	0.00%	2.04%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19E Does your company hold any of the following certifications from a recognized certification agency: HUBZone? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q19E Does your company hold any of the following certifications from a recognized certification agency: HUBZone?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	6	10	0	2	7	26	0	0	52
	Row %	1.92%	11.54%	19.23%	0.00%	3.85%	13.46%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	33.33%	22.73%	0.00%	28.57%	10.14%	11.35%	0.00%	0.00%	13.23%
	Total %	0.25%	1.53%	2.54%	0.00%	0.51%	1.78%	6.62%	0.00%	0.00%	13.23%
No	Count	5	11	34	7	5	61	196	8	5	332
	Row %	1.51%	3.31%	10.24%	2.11%	1.51%	18.37%	59.04%	2.41%	1.51%	100.00%
	Column %	83.33%	61.11%	77.27%	100.00%	71.43%	88.41%	85.59%	100.00%	100.00%	84.48%
	Total %	1.27%	2.80%	8.65%	1.78%	1.27%	15.52%	49.87%	2.04%	1.27%	84.48%
Don't Know	Count	0	1	0	0	0	1	7	0	0	9
	Row %	0.00%	11.11%	0.00%	0.00%	0.00%	11.11%	77.78%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	1.45%	3.06%	0.00%	0.00%	2.29%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	1.78%	0.00%	0.00%	2.29%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19F Does your company hold any of the following certifications from a recognized certification agency: Alaska Native Corporation? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q19F Does your company hold any of the following certifications from a recognized certification agency: Alaska Native Corporation?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	12	10	0	0	0	3	1	0	26
	Row %	0.00%	46.15%	38.46%	0.00%	0.00%	0.00%	11.54%	3.85%	0.00%	100.00%
	Column %	0.00%	66.67%	22.73%	0.00%	0.00%	0.00%	1.31%	12.50%	0.00%	6.62%
	Total %	0.00%	3.05%	2.54%	0.00%	0.00%	0.00%	0.76%	0.25%	0.00%	6.62%
No	Count	6	4	33	7	7	69	224	7	5	362
	Row %	1.66%	1.10%	9.12%	1.93%	1.93%	19.06%	61.88%	1.93%	1.38%	100.00%
	Column %	100.00%	22.22%	75.00%	100.00%	100.00%	100.00%	97.82%	87.50%	100.00%	92.11%
	Total %	1.53%	1.02%	8.40%	1.78%	1.78%	17.56%	57.00%	1.78%	1.27%	92.11%
Don't Know	Count	0	2	1	0	0	0	2	0	0	5
	Row %	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	1.27%
	Total %	0.00%	0.51%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	1.27%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19G Does your company hold any of the following certifications from a recognized certification agency: 8a? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q19G Does your company hold any of the following certifications from a recognized certification agency: 8a?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	2	9	13	0	0	1	2	1	0	28
	Row %	7.14%	32.14%	46.43%	0.00%	0.00%	3.57%	7.14%	3.57%	0.00%	100.00%
	Column %	33.33%	50.00%	29.55%	0.00%	0.00%	1.45%	0.87%	12.50%	0.00%	7.12%
	Total %	0.51%	2.29%	3.31%	0.00%	0.00%	0.25%	0.51%	0.25%	0.00%	7.12%
No	Count	4	8	30	7	7	68	222	7	5	358
	Row %	1.12%	2.23%	8.38%	1.96%	1.96%	18.99%	62.01%	1.96%	1.40%	100.00%
	Column %	66.67%	44.44%	68.18%	100.00%	100.00%	98.55%	96.94%	87.50%	100.00%	91.09%
	Total %	1.02%	2.04%	7.63%	1.78%	1.78%	17.30%	56.49%	1.78%	1.27%	91.09%

Don't Know	Count	0	1	1	0	0	0	5	0	0	7
	Row %	0.00%	14.29%	14.29%	0.00%	0.00%	0.00%	71.43%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	2.18%	0.00%	0.00%	1.78%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	1.27%	0.00%	0.00%	1.78%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q19H Does your company hold any of the following certifications from a recognized certification agency: Other? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
 Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q19H Does your company hold any of the following certifications from a recognized certification agency: Other?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	2	0	1	1	0	3	4	0	0	11
	Row %	18.18%	0.00%	9.09%	9.09%	0.00%	27.27%	36.36%	0.00%	0.00%	100.00%
	Column %	33.33%	0.00%	2.27%	14.29%	0.00%	4.35%	1.75%	0.00%	0.00%	2.80%
	Total %	0.51%	0.00%	0.25%	0.25%	0.00%	0.76%	1.02%	0.00%	0.00%	2.80%
No	Count	4	17	42	6	7	66	223	8	5	378
	Row %	1.06%	4.50%	11.11%	1.59%	1.85%	17.46%	58.99%	2.12%	1.32%	100.00%
	Column %	66.67%	94.44%	95.45%	85.71%	100.00%	95.65%	97.38%	100.00%	100.00%	96.18%
	Total %	1.02%	4.33%	10.69%	1.53%	1.78%	16.79%	56.74%	2.04%	1.27%	96.18%
Don't Know	Count	0	1	1	0	0	0	2	0	0	4
	Row %	0.00%	25.00%	25.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	1.02%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
 Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
	Count	4	18	43	7	7	66	227	8	5	385
	Row %	1.04%	4.68%	11.17%	1.82%	1.82%	17.14%	58.96%	2.08%	1.30%	100.00%
	Column %	66.67%	100.00%	97.73%	100.00%	100.00%	95.65%	99.13%	100.00%	100.00%	97.96%
	Total %	1.02%	4.58%	10.94%	1.78%	1.78%	16.79%	57.76%	2.04%	1.27%	97.96%
8M Womenowned small business through SBA	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Alaska Preference Certification	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
American Society Health Care Environmental Society	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Disable Veteran	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Disabled Vet Certification	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%

Service & Disabled Veteran	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Service disabled veteran owned	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Veteran owned	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q20 Does your company hold any of the following certifications from a recognized certification agency: Other Specify		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
No Response	Count	4	18	43	7	7	66	227	8	5	385
	Row %	1.04%	4.68%	11.17%	1.82%	1.82%	17.14%	58.96%	2.08%	1.30%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.04%	4.68%	11.17%	1.82%	1.82%	17.14%	58.96%	2.08%	1.30%	100.00%
Total	Count	4	18	43	7	7	66	227	8	5	385
	Row %	1.04%	4.68%	11.17%	1.82%	1.82%	17.14%	58.96%	2.08%	1.30%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.04%	4.68%	11.17%	1.82%	1.82%	17.14%	58.96%	2.08%	1.30%	100.00%

Table: Q21 Are you a graduated DBE firm? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q21 Are you a graduated DBE firm?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	6	16	1	3	6	4	1	0	37
	Row %	0.00%	16.22%	43.24%	2.70%	8.11%	16.22%	10.81%	2.70%	0.00%	100.00%
	Column %	0.00%	33.33%	36.36%	14.29%	42.86%	8.70%	1.75%	12.50%	0.00%	9.41%
	Total %	0.00%	1.53%	4.07%	0.25%	0.76%	1.53%	1.02%	0.25%	0.00%	9.41%
No	Count	6	11	28	5	3	61	220	6	5	345
	Row %	1.74%	3.19%	8.12%	1.45%	0.87%	17.68%	63.77%	1.74%	1.45%	100.00%
	Column %	100.00%	61.11%	63.64%	71.43%	42.86%	88.41%	96.07%	75.00%	100.00%	87.79%
	Total %	1.53%	2.80%	7.12%	1.27%	0.76%	15.52%	55.98%	1.53%	1.27%	87.79%
3	Count	0	1	0	1	1	2	5	1	0	11
	Row %	0.00%	9.09%	0.00%	9.09%	9.09%	18.18%	45.45%	9.09%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	14.29%	14.29%	2.90%	2.18%	12.50%	0.00%	2.80%
	Total %	0.00%	0.25%	0.00%	0.25%	0.25%	0.51%	1.27%	0.25%	0.00%	2.80%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q22 On a scale from 1 to 6 (1 being extremely easy and 6 being extremely difficult) how would you rate your ease of obtaining notification of business opportunities with AKDOT&PF? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q22 On a scale from 1 to 6 (1 being extremely easy and 6 being extremely difficult) how would you rate your ease of obtaining notification of business opportunities with AKDOT&PF?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Extremely easy	Count	0	4	10	2	1	16	54	3	1	91
	Row %	0.00%	4.40%	10.99%	2.20%	1.10%	17.58%	59.34%	3.30%	1.10%	100.00%
	Column %	0.00%	22.22%	22.73%	28.57%	14.29%	23.19%	23.58%	37.50%	20.00%	23.16%
	Total %	0.00%	1.02%	2.54%	0.51%	0.25%	4.07%	13.74%	0.76%	0.25%	23.16%
Somewhat easy	Count	2	5	12	0	2	14	53	3	2	93
	Row %	2.15%	5.38%	12.90%	0.00%	2.15%	15.05%	56.99%	3.23%	2.15%	100.00%
	Column %	33.33%	27.78%	27.27%	0.00%	28.57%	20.29%	23.14%	37.50%	40.00%	23.66%
	Total %	0.51%	1.27%	3.05%	0.00%	0.51%	3.56%	13.49%	0.76%	0.51%	23.66%
Easy	Count	3	4	12	2	3	22	68	1	1	116
	Row %	2.59%	3.45%	10.34%	1.72%	2.59%	18.97%	58.62%	0.86%	0.86%	100.00%
	Column %	50.00%	22.22%	27.27%	28.57%	42.86%	31.88%	29.69%	12.50%	20.00%	29.52%
	Total %	0.76%	1.02%	3.05%	0.51%	0.76%	5.60%	17.30%	0.25%	0.25%	29.52%
Difficult	Count	0	1	3	0	0	6	14	0	0	24
	Row %	0.00%	4.17%	12.50%	0.00%	0.00%	25.00%	58.33%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	6.82%	0.00%	0.00%	8.70%	6.11%	0.00%	0.00%	6.11%
	Total %	0.00%	0.25%	0.76%	0.00%	0.00%	1.53%	3.56%	0.00%	0.00%	6.11%
Somewhat difficult	Count	0	3	2	2	0	5	17	1	1	31
	Row %	0.00%	9.68%	6.45%	6.45%	0.00%	16.13%	54.84%	3.23%	3.23%	100.00%
	Column %	0.00%	16.67%	4.55%	28.57%	0.00%	7.25%	7.42%	12.50%	20.00%	7.89%
	Total %	0.00%	0.76%	0.51%	0.51%	0.00%	1.27%	4.33%	0.25%	0.25%	7.89%
Extremely difficult	Count	1	1	3	0	1	3	9	0	0	18
	Row %	5.56%	5.56%	16.67%	0.00%	5.56%	16.67%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	5.56%	6.82%	0.00%	14.29%	4.35%	3.93%	0.00%	0.00%	4.58%
	Total %	0.25%	0.25%	0.76%	0.00%	0.25%	0.76%	2.29%	0.00%	0.00%	4.58%
Not Applicable/Don't Know	Count	0	0	2	1	0	3	14	0	0	20
	Row %	0.00%	0.00%	10.00%	5.00%	0.00%	15.00%	70.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	0.00%	4.35%	6.11%	0.00%	0.00%	5.09%
	Total %	0.00%	0.00%	0.51%	0.25%	0.00%	0.76%	3.56%	0.00%	0.00%	5.09%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q23 Does your company bid primarily as a prime contractor, subcontractor, or both? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q23 Does your company bid primarily as a prime contractor, subcontractor, or both?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Prime	Count	0	6	9	0	2	8	45	2	0	72
	Row %	0.00%	8.33%	12.50%	0.00%	2.78%	11.11%	62.50%	2.78%	0.00%	100.00%
	Column %	0.00%	33.33%	20.45%	0.00%	28.57%	11.59%	19.65%	25.00%	0.00%	18.32%
	Total %	0.00%	1.53%	2.29%	0.00%	0.51%	2.04%	11.45%	0.51%	0.00%	18.32%
Subcontractor	Count	3	4	19	4	4	40	111	4	2	191
	Row %	1.57%	2.09%	9.95%	2.09%	2.09%	20.94%	58.12%	2.09%	1.05%	100.00%
	Column %	50.00%	22.22%	43.18%	57.14%	57.14%	57.97%	48.47%	50.00%	40.00%	48.60%
	Total %	0.76%	1.02%	4.83%	1.02%	1.02%	10.18%	28.24%	1.02%	0.51%	48.60%
Both	Count	3	8	16	3	1	21	73	2	3	130
	Row %	2.31%	6.15%	12.31%	2.31%	0.77%	16.15%	56.15%	1.54%	2.31%	100.00%
	Column %	50.00%	44.44%	36.36%	42.86%	14.29%	30.43%	31.88%	25.00%	60.00%	33.08%
	Total %	0.76%	2.04%	4.07%	0.76%	0.25%	5.34%	18.58%	0.51%	0.76%	33.08%

Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q24 Has the Central Region waiver prevented your firm from meeting or being included on DBE project goals? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q24 Has the Central Region waiver prevented your firm from meeting or being included on DBE project goals?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	3	0	2	1	0	3	12	0	1	22
	Row %	13.64%	0.00%	9.09%	4.55%	0.00%	13.64%	54.55%	0.00%	4.55%	100.00%
	Column %	50.00%	0.00%	4.55%	14.29%	0.00%	4.35%	5.24%	0.00%	20.00%	5.60%
	Total %	0.76%	0.00%	0.51%	0.25%	0.00%	0.76%	3.05%	0.00%	0.25%	5.60%
No	Count	0	14	23	2	3	26	106	4	2	180
	Row %	0.00%	7.78%	12.78%	1.11%	1.67%	14.44%	58.89%	2.22%	1.11%	100.00%
	Column %	0.00%	77.78%	52.27%	28.57%	42.86%	37.68%	46.29%	50.00%	40.00%	45.80%
	Total %	0.00%	3.56%	5.85%	0.51%	0.76%	6.62%	26.97%	1.02%	0.51%	45.80%
Skipped Question/Skip Pattern	Count	3	4	19	4	4	40	111	4	2	191
	Row %	1.57%	2.09%	9.95%	2.09%	2.09%	20.94%	58.12%	2.09%	1.05%	100.00%
	Column %	50.00%	22.22%	43.18%	57.14%	57.14%	57.97%	48.47%	50.00%	40.00%	48.60%
	Total %	0.76%	1.02%	4.83%	1.02%	1.02%	10.18%	28.24%	1.02%	0.51%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q25 In general, which of the following categories best approximates your company's largest prime contract awarded between October 1, 2006 and September 30, 2011? \* Race, Ethnicity, Gender Classification (Business Ownership Classification)**  
**[count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q25 In general, which of the following categories best approximates your company's largest prime contract awarded between October 1, 2006 and September 30, 2011?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
0	Count	0	0	2	0	0	2	3	0	0	7
	Row %	0.00%	0.00%	28.57%	0.00%	0.00%	28.57%	42.86%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	2.90%	1.31%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%	0.76%	0.00%	0.00%	1.78%
Not applicable	Count	0	0	1	0	0	1	2	0	0	4
	Row %	0.00%	0.00%	25.00%	0.00%	0.00%	25.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.51%	0.00%	0.00%	1.02%
Up to \$50,000	Count	0	0	3	0	0	0	3	0	1	7
	Row %	0.00%	0.00%	42.86%	0.00%	0.00%	0.00%	42.86%	0.00%	14.29%	100.00%
	Column %	0.00%	0.00%	6.82%	0.00%	0.00%	0.00%	1.31%	0.00%	20.00%	1.78%
	Total %	0.00%	0.00%	0.76%	0.00%	0.00%	0.00%	0.76%	0.00%	0.25%	1.78%
\$50,001 to \$100,000	Count	0	1	1	0	0	2	6	0	0	10
	Row %	0.00%	10.00%	10.00%	0.00%	0.00%	20.00%	60.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	2.90%	2.62%	0.00%	0.00%	2.54%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.51%	1.53%	0.00%	0.00%	2.54%
\$100,001 to \$200,000	Count	0	2	1	0	1	3	6	0	0	13
	Row %	0.00%	15.38%	7.69%	0.00%	7.69%	23.08%	46.15%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	14.29%	4.35%	2.62%	0.00%	0.00%	3.31%
	Total %	0.00%	0.51%	0.25%	0.00%	0.25%	0.76%	1.53%	0.00%	0.00%	3.31%
\$200,001 to \$300,000	Count	0	0	2	0	1	1	11	0	0	15
	Row %	0.00%	0.00%	13.33%	0.00%	6.67%	6.67%	73.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	14.29%	1.45%	4.80%	0.00%	0.00%	3.82%
	Total %	0.00%	0.00%	0.51%	0.00%	0.25%	0.25%	2.80%	0.00%	0.00%	3.82%

\$300,001 to \$400,000	Count	0	2	0	0	0	3	6	0	0	11
	Row %	0.00%	18.18%	0.00%	0.00%	0.00%	27.27%	54.55%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	0.00%	0.00%	0.00%	4.35%	2.62%	0.00%	0.00%	2.80%
	Total %	0.00%	0.51%	0.00%	0.00%	0.00%	0.76%	1.53%	0.00%	0.00%	2.80%
\$400,001 to \$500,000	Count	0	0	1	0	0	1	5	0	0	7
	Row %	0.00%	0.00%	14.29%	0.00%	0.00%	14.29%	71.43%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	2.18%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	1.27%	0.00%	0.00%	1.78%
\$500,001 to \$1 million	Count	0	1	2	1	0	4	11	0	0	19
	Row %	0.00%	5.26%	10.53%	5.26%	0.00%	21.05%	57.89%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	14.29%	0.00%	5.80%	4.80%	0.00%	0.00%	4.83%
	Total %	0.00%	0.25%	0.51%	0.25%	0.00%	1.02%	2.80%	0.00%	0.00%	4.83%
Over \$1 million	Count	1	4	8	3	3	13	72	1	3	108
	Row %	0.93%	3.70%	7.41%	2.78%	2.78%	12.04%	66.67%	0.93%	2.78%	100.00%
	Column %	16.67%	22.22%	18.18%	42.86%	42.86%	18.84%	31.44%	12.50%	60.00%	27.48%
	Total %	0.25%	1.02%	2.04%	0.76%	0.76%	3.31%	18.32%	0.25%	0.76%	27.48%
Don't Know	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26A In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Prequalification requirements? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q26A In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Prequalification requirements?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	2	4	1	2	1	12	0	1	23
	Row %	0.00%	8.70%	17.39%	4.35%	8.70%	4.35%	52.17%	0.00%	4.35%	100.00%
	Column %	0.00%	11.11%	9.09%	14.29%	28.57%	1.45%	5.24%	0.00%	20.00%	5.85%
	Total %	0.00%	0.51%	1.02%	0.25%	0.51%	0.25%	3.05%	0.00%	0.25%	5.85%
No	Count	1	8	17	3	3	29	114	1	3	179
	Row %	0.56%	4.47%	9.50%	1.68%	1.68%	16.20%	63.69%	0.56%	1.68%	100.00%
	Column %	16.67%	44.44%	38.64%	42.86%	42.86%	42.03%	49.78%	12.50%	60.00%	45.55%
	Total %	0.25%	2.04%	4.33%	0.76%	0.76%	7.38%	29.01%	0.25%	0.76%	45.55%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%



Table: Q26B In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid bond requirement? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26B In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid bond requirement?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	3	4	1	1	4	15	0	1	29
	Row %	0.00%	10.34%	13.79%	3.45%	3.45%	13.79%	51.72%	0.00%	3.45%	100.00%
	Column %	0.00%	16.67%	9.09%	14.29%	14.29%	5.80%	6.55%	0.00%	20.00%	7.38%
	Total %	0.00%	0.76%	1.02%	0.25%	0.25%	1.02%	3.82%	0.00%	0.25%	7.38%
No	Count	1	7	17	3	4	26	111	1	3	173
	Row %	0.58%	4.05%	9.83%	1.73%	2.31%	15.03%	64.16%	0.58%	1.73%	100.00%
	Column %	16.67%	38.89%	38.64%	42.86%	57.14%	37.68%	48.47%	12.50%	60.00%	44.02%
	Total %	0.25%	1.78%	4.33%	0.76%	1.02%	6.62%	28.24%	0.25%	0.76%	44.02%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26C In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Performance/payment bond requirement? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26C In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Performance/payment bond requirement?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	4	2	0	1	3	15	0	1	26
	Row %	0.00%	15.38%	7.69%	0.00%	3.85%	11.54%	57.69%	0.00%	3.85%	100.00%
	Column %	0.00%	22.22%	4.55%	0.00%	14.29%	4.35%	6.55%	0.00%	20.00%	6.62%
	Total %	0.00%	1.02%	0.51%	0.00%	0.25%	0.76%	3.82%	0.00%	0.25%	6.62%
No	Count	1	6	19	4	4	27	111	1	3	176
	Row %	0.57%	3.41%	10.80%	2.27%	2.27%	15.34%	63.07%	0.57%	1.70%	100.00%
	Column %	16.67%	33.33%	43.18%	57.14%	57.14%	39.13%	48.47%	12.50%	60.00%	44.78%
	Total %	0.25%	1.53%	4.83%	1.02%	1.02%	6.87%	28.24%	0.25%	0.76%	44.78%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26D In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Cost of bidding? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26D In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Cost of bidding?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	2	1	0	0	3	15	0	1	22
	Row %	0.00%	9.09%	4.55%	0.00%	0.00%	13.64%	68.18%	0.00%	4.55%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	0.00%	4.35%	6.55%	0.00%	20.00%	5.60%
	Total %	0.00%	0.51%	0.25%	0.00%	0.00%	0.76%	3.82%	0.00%	0.25%	5.60%

No	Count	1	8	20	4	5	27	111	1	3	180
	Row %	0.56%	4.44%	11.11%	2.22%	2.78%	15.00%	61.67%	0.56%	1.67%	100.00%
	Column %	16.67%	44.44%	45.45%	57.14%	71.43%	39.13%	48.47%	12.50%	60.00%	45.80%
	Total %	0.25%	2.04%	5.09%	1.02%	1.27%	6.87%	28.24%	0.25%	0.76%	45.80%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26E In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Financing? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26E In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Financing?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	3	2	0	3	1	9	0	2	20
	Row %	0.00%	15.00%	10.00%	0.00%	15.00%	5.00%	45.00%	0.00%	10.00%	100.00%
	Column %	0.00%	16.67%	4.55%	0.00%	42.86%	1.45%	3.93%	0.00%	40.00%	5.09%
	Total %	0.00%	0.76%	0.51%	0.00%	0.76%	0.25%	2.29%	0.00%	0.51%	5.09%
No	Count	1	7	19	4	2	29	117	1	2	182
	Row %	0.55%	3.85%	10.44%	2.20%	1.10%	15.93%	64.29%	0.55%	1.10%	100.00%
	Column %	16.67%	38.89%	43.18%	57.14%	28.57%	42.03%	51.09%	12.50%	40.00%	46.31%
	Total %	0.25%	1.78%	4.83%	1.02%	0.51%	7.38%	29.77%	0.25%	0.51%	46.31%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26F In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Insurance (general liability, professional liability, etc)? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26F In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Insurance (general liability, professional liability, etc)?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	0	0	1	1	2	0	1	6
	Row %	0.00%	16.67%	0.00%	0.00%	16.67%	16.67%	33.33%	0.00%	16.67%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	14.29%	1.45%	0.87%	0.00%	20.00%	1.53%
	Total %	0.00%	0.25%	0.00%	0.00%	0.25%	0.25%	0.51%	0.00%	0.25%	1.53%
No	Count	1	9	21	4	4	29	124	1	3	196
	Row %	0.51%	4.59%	10.71%	2.04%	2.04%	14.80%	63.27%	0.51%	1.53%	100.00%
	Column %	16.67%	50.00%	47.73%	57.14%	57.14%	42.03%	54.15%	12.50%	60.00%	49.87%
	Total %	0.25%	2.29%	5.34%	1.02%	1.02%	7.38%	31.55%	0.25%	0.76%	49.87%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q26G In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Price of supplies/materials? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q26G In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Price of supplies/materials?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	4	1	0	2	3	7	0	2	19
	Row %	0.00%	21.05%	5.26%	0.00%	10.53%	15.79%	36.84%	0.00%	10.53%	100.00%
	Column %	0.00%	22.22%	2.27%	0.00%	28.57%	4.35%	3.06%	0.00%	40.00%	4.83%
	Total %	0.00%	1.02%	0.25%	0.00%	0.51%	0.76%	1.78%	0.00%	0.51%	4.83%
No	Count	1	6	20	4	3	27	119	1	2	183
	Row %	0.55%	3.28%	10.93%	2.19%	1.64%	14.75%	65.03%	0.55%	1.09%	100.00%
	Column %	16.67%	33.33%	45.45%	57.14%	42.86%	39.13%	51.97%	12.50%	40.00%	46.56%
	Total %	0.25%	1.53%	5.09%	1.02%	0.76%	6.87%	30.28%	0.25%	0.51%	46.56%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q26H In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid specifications? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q26H In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Bid specifications?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	2	2	0	2	5	15	0	1	27
	Row %	0.00%	7.41%	7.41%	0.00%	7.41%	18.52%	55.56%	0.00%	3.70%	100.00%
	Column %	0.00%	11.11%	4.55%	0.00%	28.57%	7.25%	6.55%	0.00%	20.00%	6.87%
	Total %	0.00%	0.51%	0.51%	0.00%	0.51%	1.27%	3.82%	0.00%	0.25%	6.87%
No	Count	1	8	19	4	3	25	111	1	3	175
	Row %	0.57%	4.57%	10.86%	2.29%	1.71%	14.29%	63.43%	0.57%	1.71%	100.00%
	Column %	16.67%	44.44%	43.18%	57.14%	42.86%	36.23%	48.47%	12.50%	60.00%	44.53%
	Total %	0.25%	2.04%	4.83%	1.02%	0.76%	6.36%	28.24%	0.25%	0.76%	44.53%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: QQ6I In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited time given to prepare bid or prequalification package or quote? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
QQ6I In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited time given to prepare bid or prequalification package or quote?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	3	5	1	3	3	18	0	2	36
	Row %	2.78%	8.33%	13.89%	2.78%	8.33%	8.33%	50.00%	0.00%	5.56%	100.00%
	Column %	16.67%	16.67%	11.36%	14.29%	42.86%	4.35%	7.86%	0.00%	40.00%	9.16%
	Total %	0.25%	0.76%	1.27%	0.25%	0.76%	0.76%	4.58%	0.00%	0.51%	9.16%

No	Count	0	7	16	3	2	27	108	1	2	166
	Row %	0.00%	4.22%	9.64%	1.81%	1.20%	16.27%	65.06%	0.60%	1.20%	100.00%
	Column %	0.00%	38.89%	36.36%	42.86%	28.57%	39.13%	47.16%	12.50%	40.00%	42.24%
	Total %	0.00%	1.78%	4.07%	0.76%	0.51%	6.87%	27.48%	0.25%	0.51%	42.24%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26J In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited knowledge of purchasing contracting policies and procedures? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q26J In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Limited knowledge of purchasing contracting policies and procedures?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	2	4	1	3	4	9	0	1	24
	Row %	0.00%	8.33%	16.67%	4.17%	12.50%	16.67%	37.50%	0.00%	4.17%	100.00%
	Column %	0.00%	11.11%	9.09%	14.29%	42.86%	5.80%	3.93%	0.00%	20.00%	6.11%
	Total %	0.00%	0.51%	1.02%	0.25%	0.76%	1.02%	2.29%	0.00%	0.25%	6.11%
No	Count	1	8	17	3	2	26	117	1	3	178
	Row %	0.56%	4.49%	9.55%	1.69%	1.12%	14.61%	65.73%	0.56%	1.69%	100.00%
	Column %	16.67%	44.44%	38.64%	42.86%	28.57%	37.68%	51.09%	12.50%	60.00%	45.29%
	Total %	0.25%	2.04%	4.33%	0.76%	0.51%	6.62%	29.77%	0.25%	0.76%	45.29%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26K In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of experience? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q26K In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of experience?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	0	1	2	3	7	0	1	17
	Row %	5.88%	11.76%	0.00%	5.88%	11.76%	17.65%	41.18%	0.00%	5.88%	100.00%
	Column %	16.67%	11.11%	0.00%	14.29%	28.57%	4.35%	3.06%	0.00%	20.00%	4.33%
	Total %	0.25%	0.51%	0.00%	0.25%	0.51%	0.76%	1.78%	0.00%	0.25%	4.33%
No	Count	0	8	21	3	3	27	119	1	3	185
	Row %	0.00%	4.32%	11.35%	1.62%	1.62%	14.59%	64.32%	0.54%	1.62%	100.00%
	Column %	0.00%	44.44%	47.73%	42.86%	42.86%	39.13%	51.97%	12.50%	60.00%	47.07%
	Total %	0.00%	2.04%	5.34%	0.76%	0.76%	6.87%	30.28%	0.25%	0.76%	47.07%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q26L In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of personnel? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q26L In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Lack of personnel?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	4	1	2	3	5	16	0	0	32
	Row %	3.13%	12.50%	3.13%	6.25%	9.38%	15.63%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	22.22%	28.57%	2.27%	28.57%	42.86%	7.25%	6.99%	0.00%	8.14%
	Total %	0.25%	1.02%	0.25%	0.51%	0.76%	1.27%	4.07%	0.00%	0.00%	8.14%
No	Count	0	6	20	2	2	25	110	1	4	170
	Row %	0.00%	3.53%	11.76%	1.18%	1.18%	14.71%	64.71%	0.59%	2.35%	100.00%
	Column %	0.00%	33.33%	45.45%	28.57%	28.57%	36.23%	48.03%	12.50%	80.00%	43.26%
	Total %	0.00%	1.53%	5.09%	0.51%	0.51%	6.36%	27.99%	0.25%	1.02%	43.26%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q26M In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Contract too large? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q26M In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Contract too large?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	3	3	1	2	8	27	0	2	46
	Row %	0.00%	6.52%	6.52%	2.17%	4.35%	17.39%	58.70%	0.00%	4.35%	100.00%
	Column %	0.00%	16.67%	6.82%	14.29%	28.57%	11.59%	11.79%	0.00%	40.00%	11.70%
	Total %	0.00%	0.76%	0.76%	0.25%	0.51%	2.04%	6.87%	0.00%	0.51%	11.70%
No	Count	1	7	18	3	3	22	99	1	2	156
	Row %	0.64%	4.49%	11.54%	1.92%	1.92%	14.10%	63.46%	0.64%	1.28%	100.00%
	Column %	16.67%	38.89%	40.91%	42.86%	42.86%	31.88%	43.23%	12.50%	40.00%	39.69%
	Total %	0.25%	1.78%	4.58%	0.76%	0.76%	5.60%	25.19%	0.25%	0.51%	39.69%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q26N In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Selection process? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q26N In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Selection process?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	1	4	1	1	4	15	0	2	29
	Row %	3.45%	3.45%	13.79%	3.45%	3.45%	13.79%	51.72%	0.00%	6.90%	100.00%
	Column %	16.67%	5.56%	9.09%	14.29%	14.29%	5.80%	6.55%	0.00%	40.00%	7.38%
	Total %	0.25%	0.25%	1.02%	0.25%	0.25%	1.02%	3.82%	0.00%	0.51%	7.38%

No	Count	0	9	17	3	4	26	111	1	2	173
	Row %	0.00%	5.20%	9.83%	1.73%	2.31%	15.03%	64.16%	0.58%	1.16%	100.00%
	Column %	0.00%	50.00%	38.64%	42.86%	57.14%	37.68%	48.47%	12.50%	40.00%	44.02%
	Total %	0.00%	2.29%	4.33%	0.76%	1.02%	6.62%	28.24%	0.25%	0.51%	44.02%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q260 In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Unnecessary restrictive contract specifications? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q260 In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Unnecessary restrictive contract specifications?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	5	3	1	4	8	32	0	3	56
	Row %	0.00%	8.93%	5.36%	1.79%	7.14%	14.29%	57.14%	0.00%	5.36%	100.00%
	Column %	0.00%	27.78%	6.82%	14.29%	57.14%	11.59%	13.97%	0.00%	60.00%	14.25%
	Total %	0.00%	1.27%	0.76%	0.25%	1.02%	2.04%	8.14%	0.00%	0.76%	14.25%
No	Count	1	5	18	3	1	22	94	1	1	146
	Row %	0.68%	3.42%	12.33%	2.05%	0.68%	15.07%	64.38%	0.68%	0.68%	100.00%
	Column %	16.67%	27.78%	40.91%	42.86%	14.29%	31.88%	41.05%	12.50%	20.00%	37.15%
	Total %	0.25%	1.27%	4.58%	0.76%	0.25%	5.60%	23.92%	0.25%	0.25%	37.15%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26P In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Slow payment or nonpayment? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q26P In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Slow payment or nonpayment?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	3	4	1	1	3	17	0	0	29
	Row %	0.00%	10.34%	13.79%	3.45%	3.45%	10.34%	58.62%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	9.09%	14.29%	14.29%	4.35%	7.42%	0.00%	0.00%	7.38%
	Total %	0.00%	0.76%	1.02%	0.25%	0.25%	0.76%	4.33%	0.00%	0.00%	7.38%
No	Count	1	7	17	3	4	27	109	1	4	173
	Row %	0.58%	4.05%	9.83%	1.73%	2.31%	15.61%	63.01%	0.58%	2.31%	100.00%
	Column %	16.67%	38.89%	38.64%	42.86%	57.14%	39.13%	47.60%	12.50%	80.00%	44.02%
	Total %	0.25%	1.78%	4.33%	0.76%	1.02%	6.87%	27.74%	0.25%	1.02%	44.02%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q26Q In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Competing with large companies? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q26Q In your experience, have any of the following been a barrier to obtaining work on projects for AKDOT&PF as a prime contractor: Competing with large companies?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	4	7	1	3	10	43	0	1	70
	Row %	1.43%	5.71%	10.00%	1.43%	4.29%	14.29%	61.43%	0.00%	1.43%	100.00%
	Column %	16.67%	22.22%	15.91%	14.29%	42.86%	14.49%	18.78%	0.00%	20.00%	17.81%
	Total %	0.25%	1.02%	1.78%	0.25%	0.76%	2.54%	10.94%	0.00%	0.25%	17.81%
No	Count	0	6	14	3	2	20	83	1	3	132
	Row %	0.00%	4.55%	10.61%	2.27%	1.52%	15.15%	62.88%	0.76%	2.27%	100.00%
	Column %	0.00%	33.33%	31.82%	42.86%	28.57%	28.99%	36.24%	12.50%	60.00%	33.59%
	Total %	0.00%	1.53%	3.56%	0.76%	0.51%	5.09%	21.12%	0.25%	0.76%	33.59%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q27 Between October 1, 2006 and September 30, 2011 how many times has your company been awarded a project as a prime contractor by AKDOT&PF? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q27 Between October 1, 2006 and September 30, 2011 how many times has your company been awarded a project as a prime contractor by AKDOT&PF?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
None	Count	0	3	7	2	2	10	38	1	3	66
	Row %	0.00%	4.55%	10.61%	3.03%	3.03%	15.15%	57.58%	1.52%	4.55%	100.00%
	Column %	0.00%	16.67%	15.91%	28.57%	28.57%	14.49%	16.59%	12.50%	60.00%	16.79%
	Total %	0.00%	0.76%	1.78%	0.51%	0.51%	2.54%	9.67%	0.25%	0.76%	16.79%
1-10 times	Count	1	5	10	1	2	15	73	0	0	107
	Row %	0.93%	4.67%	9.35%	0.93%	1.87%	14.02%	68.22%	0.00%	0.00%	100.00%
	Column %	16.67%	27.78%	22.73%	14.29%	28.57%	21.74%	31.88%	0.00%	0.00%	27.23%
	Total %	0.25%	1.27%	2.54%	0.25%	0.51%	3.82%	18.58%	0.00%	0.00%	27.23%
11-25 times	Count	0	1	4	1	1	4	9	0	1	21
	Row %	0.00%	4.76%	19.05%	4.76%	4.76%	19.05%	42.86%	0.00%	4.76%	100.00%
	Column %	0.00%	5.56%	9.09%	14.29%	14.29%	5.80%	3.93%	0.00%	20.00%	5.34%
	Total %	0.00%	0.25%	1.02%	0.25%	0.25%	1.02%	2.29%	0.00%	0.25%	5.34%
26-50 times	Count	0	1	0	0	0	1	2	0	0	4
	Row %	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	1.45%	0.87%	0.00%	0.00%	1.02%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	0.51%	0.00%	0.00%	1.02%
51-100 times	Count	0	0	0	0	0	0	3	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.00%	0.76%
Over 100 times	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%

Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q28 When you were the prime contractor, what was the average amount of time that it typically took to receive payment for your services on projects funded by AKDOT&PF? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q28 When you were the prime contractor, what was the average amount of time that it typically took to receive payment for your services on projects funded by AKDOT&PF?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Less than 30 days	Count	0	3	7	1	1	5	44	0	0	61
	Row %	0.00%	4.92%	11.48%	1.64%	1.64%	8.20%	72.13%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	15.91%	14.29%	14.29%	7.25%	19.21%	0.00%	0.00%	15.52%
	Total %	0.00%	0.76%	1.78%	0.25%	0.25%	1.27%	11.20%	0.00%	0.00%	15.52%
31-60 days	Count	0	2	5	0	1	13	34	0	1	56
	Row %	0.00%	3.57%	8.93%	0.00%	1.79%	23.21%	60.71%	0.00%	1.79%	100.00%
	Column %	0.00%	11.11%	11.36%	0.00%	14.29%	18.84%	14.85%	0.00%	20.00%	14.25%
	Total %	0.00%	0.51%	1.27%	0.00%	0.25%	3.31%	8.65%	0.00%	0.25%	14.25%
61-90 days	Count	0	0	1	0	1	2	2	0	0	6
	Row %	0.00%	0.00%	16.67%	0.00%	16.67%	33.33%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	14.29%	2.90%	0.87%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%	0.51%	0.51%	0.00%	0.00%	1.53%
91-120 days	Count	0	1	1	0	0	0	1	0	0	3
	Row %	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.76%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.76%
Over 120 days	Count	0	1	0	1	0	0	4	0	0	6
	Row %	0.00%	16.67%	0.00%	16.67%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	14.29%	0.00%	0.00%	1.75%	0.00%	0.00%	1.53%
	Total %	0.00%	0.25%	0.00%	0.25%	0.00%	0.00%	1.02%	0.00%	0.00%	1.53%
Not applicable	Count	1	0	0	0	0	0	3	0	0	4
	Row %	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	1.02%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	5	11	30	5	4	49	141	8	4	257
	Row %	1.95%	4.28%	11.67%	1.95%	1.56%	19.07%	54.86%	3.11%	1.56%	100.00%
	Column %	83.33%	61.11%	68.18%	71.43%	57.14%	71.01%	61.57%	100.00%	80.00%	65.39%
	Total %	1.27%	2.80%	7.63%	1.27%	1.02%	12.47%	35.88%	2.04%	1.02%	65.39%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q29 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid for a AKDOT&PF contract, were then informed that you were the awarded bidder and then found out that another prime contractor was actually doing the work? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q29 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid for a AKDOT&PF contract, were then informed that you were the awarded bidder and then found out that another prime contractor was actually doing the work?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	0	0	0	0	3	3	0	0	6
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	4.35%	1.31%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.76%	0.00%	0.00%	1.53%



No	Count	1	10	21	4	5	26	118	1	4	190
	Row %	0.53%	5.26%	11.05%	2.11%	2.63%	13.68%	62.11%	0.53%	2.11%	100.00%
	Column %	16.67%	55.56%	47.73%	57.14%	71.43%	37.68%	51.53%	12.50%	80.00%	48.35%
	Total %	0.25%	2.54%	5.34%	1.02%	1.27%	6.62%	30.03%	0.25%	1.02%	48.35%
Don't Know	Count	0	0	0	0	0	1	5	0	0	6
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	83.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	2.18%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	1.27%	0.00%	0.00%	1.53%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q30 As a prime contractor, are you required to have bonding for the type of work that your company bids on? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q30 As a prime contractor, are you required to have bonding for the type of work that your company bids on?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	8	11	3	4	23	108	1	1	159
	Row %	0.00%	5.03%	6.92%	1.89%	2.52%	14.47%	67.92%	0.63%	0.63%	100.00%
	Column %	0.00%	44.44%	25.00%	42.86%	57.14%	33.33%	47.16%	12.50%	20.00%	40.46%
	Total %	0.00%	2.04%	2.80%	0.76%	1.02%	5.85%	27.48%	0.25%	0.25%	40.46%
No	Count	1	2	10	1	1	7	15	0	2	39
	Row %	2.56%	5.13%	25.64%	2.56%	2.56%	17.95%	38.46%	0.00%	5.13%	100.00%
	Column %	16.67%	11.11%	22.73%	14.29%	14.29%	10.14%	6.55%	0.00%	40.00%	9.92%
	Total %	0.25%	0.51%	2.54%	0.25%	0.25%	1.78%	3.82%	0.00%	0.51%	9.92%
Don't Know	Count	0	0	0	0	0	0	3	0	1	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	75.00%	0.00%	25.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	20.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.25%	1.02%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q31 What is your current aggregate bonding limit-as a prime contractor? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q31 What is your current aggregate bonding limit-as a prime contractor?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Below \$100,000	Count	0	1	0	0	0	0	2	0	0	3
	Row %	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.76%
\$100,001 to \$250,000	Count	0	1	0	0	0	0	1	0	0	2
	Row %	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
\$250,001 to \$500,000	Count	0	1	1	0	1	1	2	0	0	6
	Row %	0.00%	16.67%	16.67%	0.00%	16.67%	16.67%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	14.29%	1.45%	0.87%	0.00%	0.00%	1.53%
	Total %	0.00%	0.25%	0.25%	0.00%	0.25%	0.25%	0.51%	0.00%	0.00%	1.53%

\$500,001 to \$1 million	Count	0	1	0	0	0	5	10	0	0	16
	Row %	0.00%	6.25%	0.00%	0.00%	0.00%	31.25%	62.50%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	7.25%	4.37%	0.00%	0.00%	4.07%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	1.27%	2.54%	0.00%	0.00%	4.07%
\$1,000,001 to \$1.5 million	Count	0	0	1	1	1	3	7	1	0	14
	Row %	0.00%	0.00%	7.14%	7.14%	7.14%	21.43%	50.00%	7.14%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	14.29%	4.35%	3.06%	12.50%	0.00%	3.56%
	Total %	0.00%	0.00%	0.25%	0.25%	0.25%	0.76%	1.78%	0.25%	0.00%	3.56%
\$1,500,001 to \$3 million	Count	0	0	1	0	0	4	9	0	0	14
	Row %	0.00%	0.00%	7.14%	0.00%	0.00%	28.57%	64.29%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	5.80%	3.93%	0.00%	0.00%	3.56%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	1.02%	2.29%	0.00%	0.00%	3.56%
\$3,000,001 to \$5 million	Count	0	2	1	0	1	1	11	0	0	16
	Row %	0.00%	12.50%	6.25%	0.00%	6.25%	6.25%	68.75%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	14.29%	1.45%	4.80%	0.00%	0.00%	4.07%
	Total %	0.00%	0.51%	0.25%	0.00%	0.25%	0.25%	2.80%	0.00%	0.00%	4.07%
Over \$5 million	Count	0	2	4	1	1	8	53	0	1	70
	Row %	0.00%	2.86%	5.71%	1.43%	1.43%	11.43%	75.71%	0.00%	1.43%	100.00%
	Column %	0.00%	11.11%	9.09%	14.29%	14.29%	11.59%	23.14%	0.00%	20.00%	17.81%
	Total %	0.00%	0.51%	1.02%	0.25%	0.25%	2.04%	13.49%	0.00%	0.25%	17.81%
Don't Know	Count	0	0	3	1	0	1	13	0	0	18
	Row %	0.00%	0.00%	16.67%	5.56%	0.00%	5.56%	72.22%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	14.29%	0.00%	1.45%	5.68%	0.00%	0.00%	4.58%
	Total %	0.00%	0.00%	0.76%	0.25%	0.00%	0.25%	3.31%	0.00%	0.00%	4.58%
Skipped Question/Skip Pattern	Count	6	10	33	4	3	46	121	7	4	234
	Row %	2.56%	4.27%	14.10%	1.71%	1.28%	19.66%	51.71%	2.99%	1.71%	100.00%
	Column %	100.00%	55.56%	75.00%	57.14%	42.86%	66.67%	52.84%	87.50%	80.00%	59.54%
	Total %	1.53%	2.54%	8.40%	1.02%	0.76%	11.70%	30.79%	1.78%	1.02%	59.54%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q32 What is your current single project bonding limit-as a prime contractor \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q32 What is your current single project bonding limit-as a prime contractor	African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Below \$100,000	Count	0	1	0	0	0	1	1	0	3
	Row %	0.00%	33.33%	0.00%	0.00%	0.00%	33.33%	33.33%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	1.45%	0.44%	0.00%	0.76%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%	0.25%	0.00%	0.76%
\$100,001 to \$250,000	Count	0	1	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
\$250,001 to \$500,000	Count	0	1	2	0	1	1	2	0	7
	Row %	0.00%	14.29%	28.57%	0.00%	14.29%	14.29%	28.57%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	14.29%	1.45%	0.87%	0.00%	1.78%
	Total %	0.00%	0.25%	0.51%	0.00%	0.25%	0.25%	0.51%	0.00%	1.78%
\$500,001 to \$1 million	Count	0	1	0	0	0	3	10	0	14
	Row %	0.00%	7.14%	0.00%	0.00%	0.00%	21.43%	71.43%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	4.35%	4.37%	0.00%	3.56%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.76%	2.54%	0.00%	3.56%
\$1,000,001 to \$1.5 million	Count	0	1	1	1	1	3	8	1	16
	Row %	0.00%	6.25%	6.25%	6.25%	6.25%	18.75%	50.00%	6.25%	100.00%
	Column %	0.00%	5.56%	2.27%	14.29%	14.29%	4.35%	3.49%	12.50%	4.07%
	Total %	0.00%	0.25%	0.25%	0.25%	0.25%	0.76%	2.04%	0.25%	4.07%

\$1,500,001 to \$3 million	Count	0	0	2	0	1	3	11	0	0	17
	Row %	0.00%	0.00%	11.76%	0.00%	5.88%	17.65%	64.71%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	14.29%	4.35%	4.80%	0.00%	0.00%	4.33%
	Total %	0.00%	0.00%	0.51%	0.00%	0.25%	0.76%	2.80%	0.00%	0.00%	4.33%
\$3,000,001 to \$5 million	Count	0	1	1	0	0	0	12	0	0	14
	Row %	0.00%	7.14%	7.14%	0.00%	0.00%	0.00%	85.71%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	0.00%	5.24%	0.00%	0.00%	3.56%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.00%	3.05%	0.00%	0.00%	3.56%
Over \$5 million	Count	0	2	3	1	1	9	46	0	1	63
	Row %	0.00%	3.17%	4.76%	1.59%	1.59%	14.29%	73.02%	0.00%	1.59%	100.00%
	Column %	0.00%	11.11%	6.82%	14.29%	14.29%	13.04%	20.09%	0.00%	20.00%	16.03%
	Total %	0.00%	0.51%	0.76%	0.25%	0.25%	2.29%	11.70%	0.00%	0.25%	16.03%
Don't Know	Count	0	0	3	1	0	3	21	0	0	28
	Row %	0.00%	0.00%	10.71%	3.57%	0.00%	10.71%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	14.29%	0.00%	4.35%	9.17%	0.00%	0.00%	7.12%
	Total %	0.00%	0.00%	0.76%	0.25%	0.00%	0.76%	5.34%	0.00%	0.00%	7.12%
Skipped Question/Skip Pattern	Count	6	10	32	4	3	46	118	7	4	230
	Row %	2.61%	4.35%	13.91%	1.74%	1.30%	20.00%	51.30%	3.04%	1.74%	100.00%
	Column %	100.00%	55.56%	72.73%	57.14%	42.86%	66.67%	51.53%	87.50%	80.00%	58.52%
	Total %	1.53%	2.54%	8.14%	1.02%	0.76%	11.70%	30.03%	1.78%	1.02%	58.52%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q33 As a prime contractor did you experience discriminatory behavior by AKDOT&PF when bidding or working on a project between October 1, 2006 and September 30, 2011 \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Q33 As a prime contractor did you experience discriminatory behavior by AKDOT&PF when bidding or working on a project between October 1, 2006 and September 30, 2011		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	0	2	2	0	1	2	0	0	7
	Row %	0.00%	0.00%	28.57%	28.57%	0.00%	14.29%	28.57%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	28.57%	0.00%	1.45%	0.87%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.51%	0.51%	0.00%	0.25%	0.51%	0.00%	0.00%	1.78%
No	Count	1	10	16	2	5	26	118	1	4	183
	Row %	0.55%	5.46%	8.74%	1.09%	2.73%	14.21%	64.48%	0.55%	2.19%	100.00%
	Column %	16.67%	55.56%	36.36%	28.57%	71.43%	37.68%	51.53%	12.50%	80.00%	46.56%
	Total %	0.25%	2.54%	4.07%	0.51%	1.27%	6.62%	30.03%	0.25%	1.02%	46.56%
Don't Know	Count	0	0	0	0	0	0	3	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.00%	0.76%
Not Applicable	Count	0	0	3	0	0	3	3	0	0	9
	Row %	0.00%	0.00%	33.33%	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	0.00%	0.00%	4.35%	1.31%	0.00%	0.00%	2.29%
	Total %	0.00%	0.00%	0.76%	0.00%	0.00%	0.76%	0.76%	0.00%	0.00%	2.29%
Skipped Question/Skip Pattern	Count	5	8	23	3	2	39	103	7	1	191
	Row %	2.62%	4.19%	12.04%	1.57%	1.05%	20.42%	53.93%	3.66%	0.52%	100.00%
	Column %	83.33%	44.44%	52.27%	42.86%	28.57%	56.52%	44.98%	87.50%	20.00%	48.60%
	Total %	1.27%	2.04%	5.85%	0.76%	0.51%	9.92%	26.21%	1.78%	0.25%	48.60%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q34 What was the most noticeable way you became aware of the discrimination against your company? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

<b>Race, Ethnicity, Gender Classification (Business Ownership Classification)</b>											
Q34 What was the most noticeable way you became aware of the discrimination against your company?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Verbal comment	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Written statement	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Action taken against the company	Count	0	0	1	2	0	0	2	0	0	5
	Row %	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	28.57%	0.00%	0.00%	0.87%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.25%	0.51%	0.00%	0.00%	0.51%	0.00%	0.00%	1.27%
Skipped Question/Skip Pattern	Count	6	18	42	5	7	68	227	8	5	386
	Row %	1.55%	4.66%	10.88%	1.30%	1.81%	17.62%	58.81%	2.07%	1.30%	100.00%
	Column %	100.00%	100.00%	95.45%	71.43%	100.00%	98.55%	99.13%	100.00%	100.00%	98.22%
	Total %	1.53%	4.58%	10.69%	1.27%	1.78%	17.30%	57.76%	2.04%	1.27%	98.22%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q35 Which of the following do you consider your primary reason for your company being discriminated against? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

<b>Race, Ethnicity, Gender Classification (Business Ownership Classification)</b>											
Q35 Which of the following do you consider your primary reason for your company being discriminated against?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Don't Know	Count	0	0	2	2	0	1	2	0	0	7
	Row %	0.00%	0.00%	28.57%	28.57%	0.00%	14.29%	28.57%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	28.57%	0.00%	1.45%	0.87%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.51%	0.51%	0.00%	0.25%	0.51%	0.00%	0.00%	1.78%
Skipped Question/Skip Pattern	Count	6	18	42	5	7	68	227	8	5	386
	Row %	1.55%	4.66%	10.88%	1.30%	1.81%	17.62%	58.81%	2.07%	1.30%	100.00%
	Column %	100.00%	100.00%	95.45%	71.43%	100.00%	98.55%	99.13%	100.00%	100.00%	98.22%
	Total %	1.53%	4.58%	10.69%	1.27%	1.78%	17.30%	57.76%	2.04%	1.27%	98.22%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q36 When did the discrimination first occur? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

<b>Race, Ethnicity, Gender Classification (Business Ownership Classification)</b>											
Q36 When did the discrimination first occur?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
During bidding process	Count	0	0	2	2	0	1	1	0	0	6
	Row %	0.00%	0.00%	33.33%	33.33%	0.00%	16.67%	16.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	28.57%	0.00%	1.45%	0.44%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.51%	0.51%	0.00%	0.25%	0.25%	0.00%	0.00%	1.53%
After contract awarded	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Skipped Question/Skip Pattern	Count	6	18	42	5	7	68	227	8	5	386
	Row %	1.55%	4.66%	10.88%	1.30%	1.81%	17.62%	58.81%	2.07%	1.30%	100.00%
	Column %	100.00%	100.00%	95.45%	71.43%	100.00%	98.55%	99.13%	100.00%	100.00%	98.22%
	Total %	1.53%	4.58%	10.69%	1.27%	1.78%	17.30%	57.76%	2.04%	1.27%	98.22%

Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q37 Did you file a complaint? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q37 Did you file a complaint?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	0	0	1	0	1	0	0	0	2
	Row %	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	1.45%	0.00%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%
No	Count	0	0	2	1	0	0	2	0	0	5
	Row %	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	40.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	0.00%	0.00%	0.87%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.51%	0.25%	0.00%	0.00%	0.51%	0.00%	0.00%	1.27%
Skipped Question/Skip Pattern	Count	6	18	42	5	7	68	227	8	5	386
	Row %	1.55%	4.66%	10.88%	1.30%	1.81%	17.62%	58.81%	2.07%	1.30%	100.00%
	Column %	100.00%	100.00%	95.45%	71.43%	100.00%	98.55%	99.13%	100.00%	100.00%	98.22%
	Total %	1.53%	4.58%	10.69%	1.27%	1.78%	17.30%	57.76%	2.04%	1.27%	98.22%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q38 Between October 1, 2006 and September 30, 2011, how many times has your company been awarded a subcontract with a prime contractor for a project with AKDOT&PF? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q38 Between October 1, 2006 and September 30, 2011, how many times has your company been awarded a subcontract with a prime contractor for a project with AKDOT&PF?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
None	Count	2	4	5	2	1	8	26	1	1	50
	Row %	4.00%	8.00%	10.00%	4.00%	2.00%	16.00%	52.00%	2.00%	2.00%	100.00%
	Column %	33.33%	22.22%	11.36%	28.57%	14.29%	11.59%	11.35%	12.50%	20.00%	12.72%
	Total %	0.51%	1.02%	1.27%	0.51%	0.25%	2.04%	6.62%	0.25%	0.25%	12.72%
1-10 times	Count	2	3	13	1	1	25	47	4	0	96
	Row %	2.08%	3.13%	13.54%	1.04%	1.04%	26.04%	48.96%	4.17%	0.00%	100.00%
	Column %	33.33%	16.67%	29.55%	14.29%	14.29%	36.23%	20.52%	50.00%	0.00%	24.43%
	Total %	0.51%	0.76%	3.31%	0.25%	0.25%	6.36%	11.96%	1.02%	0.00%	24.43%
11-25 times	Count	0	1	5	0	0	5	20	1	0	32
	Row %	0.00%	3.13%	15.63%	0.00%	0.00%	15.63%	62.50%	3.13%	0.00%	100.00%
	Column %	0.00%	5.56%	11.36%	0.00%	0.00%	7.25%	8.73%	12.50%	0.00%	8.14%
	Total %	0.00%	0.25%	1.27%	0.00%	0.00%	1.27%	5.09%	0.25%	0.00%	8.14%
26-50 times	Count	1	0	1	0	0	0	4	0	0	6
	Row %	16.67%	0.00%	16.67%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	2.27%	0.00%	0.00%	0.00%	1.75%	0.00%	0.00%	1.53%
	Total %	0.25%	0.00%	0.25%	0.00%	0.00%	0.00%	1.02%	0.00%	0.00%	1.53%
51-100 times	Count	0	0	0	1	0	0	1	0	0	2
	Row %	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
Over 100 times	Count	0	0	0	1	0	1	3	0	0	5
	Row %	0.00%	0.00%	0.00%	20.00%	0.00%	20.00%	60.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	1.45%	1.31%	0.00%	0.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%	0.76%	0.00%	0.00%	1.27%

Skipped Question/Skip Pattern	Count	1	10	20	2	5	30	128	2	4	202
	Row %	0.50%	4.95%	9.90%	0.99%	2.48%	14.85%	63.37%	0.99%	1.98%	100.00%
	Column %	16.67%	55.56%	45.45%	28.57%	71.43%	43.48%	55.90%	25.00%	80.00%	51.40%
	Total %	0.25%	2.54%	5.09%	0.51%	1.27%	7.63%	32.57%	0.51%	1.02%	51.40%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39A In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Performance/payment bond requirement? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39A In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Performance/ payment bond requirement?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	4	0	0	4	2	0	0	11
	Row %	0.00%	9.09%	36.36%	0.00%	0.00%	36.36%	18.18%	0.00%	0.00%	100.00%
	Column %	0.00%	5.60%	9.09%	0.00%	0.00%	5.80%	0.87%	0.00%	0.00%	2.80%
	Total %	0.00%	0.25%	1.02%	0.00%	0.00%	1.02%	0.51%	0.00%	0.00%	2.80%
No	Count	3	3	15	3	1	27	72	5	0	129
	Row %	2.33%	2.33%	11.63%	2.33%	0.78%	20.93%	55.81%	3.88%	0.00%	100.00%
	Column %	50.00%	16.67%	34.09%	42.86%	14.29%	39.13%	31.44%	62.50%	0.00%	32.82%
	Total %	0.76%	0.76%	3.82%	0.76%	0.25%	6.87%	18.32%	1.27%	0.00%	32.82%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39B In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Cost of bidding? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39B In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Cost of bidding?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	0	0	0	0	1	0	0	2
	Row %	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
No	Count	1	2	5	2	1	15	32	3	0	61
	Row %	1.64%	3.28%	8.20%	3.28%	1.64%	24.59%	52.46%	4.92%	0.00%	100.00%
	Column %	16.67%	11.11%	11.36%	28.57%	14.29%	21.74%	13.97%	37.50%	0.00%	15.52%
	Total %	0.25%	0.51%	1.27%	0.51%	0.25%	3.82%	8.14%	0.76%	0.00%	15.52%
Skipped Question/Skip Pattern	Count	5	15	39	5	6	54	196	5	5	330
	Row %	1.52%	4.55%	11.82%	1.52%	1.82%	16.36%	59.39%	1.52%	1.52%	100.00%
	Column %	83.33%	83.33%	88.64%	71.43%	85.71%	78.26%	85.59%	62.50%	100.00%	83.97%
	Total %	1.27%	3.82%	9.92%	1.27%	1.53%	13.74%	49.87%	1.27%	1.27%	83.97%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39C In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Financing? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39C In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Financing?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	1	0	0	3	3	0	0	8
	Row %	0.00%	12.50%	12.50%	0.00%	0.00%	37.50%	37.50%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	4.35%	1.31%	0.00%	0.00%	2.04%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.76%	0.76%	0.00%	0.00%	2.04%
No	Count	3	3	18	3	1	28	71	5	0	132
	Row %	2.27%	2.27%	13.64%	2.27%	0.76%	21.21%	53.79%	3.79%	0.00%	100.00%
	Column %	50.00%	16.67%	40.91%	42.86%	14.29%	40.58%	31.00%	62.50%	0.00%	33.59%
	Total %	0.76%	0.76%	4.58%	0.76%	0.25%	7.12%	18.07%	1.27%	0.00%	33.59%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39D In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Insurance (general liability, professional liability, etc)? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39D In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Insurance (general liability, professional liability, etc)?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	1	0	0	0	1	2	1	0	6
	Row %	16.67%	16.67%	0.00%	0.00%	0.00%	16.67%	33.33%	16.67%	0.00%	100.00%
	Column %	16.67%	5.56%	0.00%	0.00%	0.00%	1.45%	0.87%	12.50%	0.00%	1.53%
	Total %	0.25%	0.25%	0.00%	0.00%	0.00%	0.25%	0.51%	0.25%	0.00%	1.53%
No	Count	2	3	19	3	1	30	72	4	0	134
	Row %	1.49%	2.24%	14.18%	2.24%	0.75%	22.39%	53.73%	2.99%	0.00%	100.00%
	Column %	33.33%	16.67%	43.18%	42.86%	14.29%	43.48%	31.44%	50.00%	0.00%	34.10%
	Total %	0.51%	0.76%	4.83%	0.76%	0.25%	7.63%	18.32%	1.02%	0.00%	34.10%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39E In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Price of supplies/materials? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39E In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Price of supplies/materials?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	1	0	0	3	7	0	0	12
	Row %	0.00%	8.33%	8.33%	0.00%	0.00%	25.00%	58.33%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	4.35%	3.06%	0.00%	0.00%	3.05%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	0.76%	1.78%	0.00%	0.00%	3.05%

No	Count	3	3	18	3	1	28	67	5	0	128
	Row %	2.34%	2.34%	14.06%	2.34%	0.78%	21.88%	52.34%	3.91%	0.00%	100.00%
	Column %	50.00%	16.67%	40.91%	42.86%	14.29%	40.58%	29.26%	62.50%	0.00%	32.57%
	Total %	0.76%	0.76%	4.58%	0.76%	0.25%	7.12%	17.05%	1.27%	0.00%	32.57%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39F In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited time given to prepare bid or prequalification package or quote? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39F In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited time given to prepare bid or prequalification package or quote?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	1	2	2	0	10	16	1	0	33
	Row %	3.03%	3.03%	6.06%	6.06%	0.00%	30.30%	48.48%	3.03%	0.00%	100.00%
	Column %	16.67%	5.56%	4.55%	28.57%	0.00%	14.49%	6.99%	12.50%	0.00%	8.40%
	Total %	0.25%	0.25%	0.51%	0.51%	0.00%	2.54%	4.07%	0.25%	0.00%	8.40%
No	Count	2	3	17	1	1	21	58	4	0	107
	Row %	1.87%	2.80%	15.89%	0.93%	0.93%	19.63%	54.21%	3.74%	0.00%	100.00%
	Column %	33.33%	16.67%	38.64%	14.29%	14.29%	30.43%	25.33%	50.00%	0.00%	27.23%
	Total %	0.51%	0.76%	4.33%	0.25%	0.25%	5.34%	14.76%	1.02%	0.00%	27.23%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39G In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited knowledge of purchasing contracting policies and procedures? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39G In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Limited knowledge of purchasing contracting policies and procedures?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	1	2	1	0	1	4	1	0	11
	Row %	9.09%	9.09%	18.18%	9.09%	0.00%	9.09%	36.36%	9.09%	0.00%	100.00%
	Column %	16.67%	5.56%	4.55%	14.29%	0.00%	1.45%	1.75%	12.50%	0.00%	2.80%
	Total %	0.25%	0.25%	0.51%	0.25%	0.00%	0.25%	1.02%	0.25%	0.00%	2.80%
No	Count	2	3	17	2	1	30	70	4	0	129
	Row %	1.55%	2.33%	13.18%	1.55%	0.78%	23.26%	54.26%	3.10%	0.00%	100.00%
	Column %	33.33%	16.67%	38.64%	28.57%	14.29%	43.48%	30.57%	50.00%	0.00%	32.82%
	Total %	0.51%	0.76%	4.33%	0.51%	0.25%	7.63%	17.81%	1.02%	0.00%	32.82%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%



Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39H In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of experience? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39H In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of experience?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	4	1	0	3	9	2	0	22
	Row %	4.55%	9.09%	18.18%	4.55%	0.00%	13.64%	40.91%	9.09%	0.00%	100.00%
	Column %	16.67%	11.11%	9.09%	14.29%	0.00%	4.35%	3.93%	25.00%	0.00%	5.60%
	Total %	0.25%	0.51%	1.02%	0.25%	0.00%	0.76%	2.29%	0.51%	0.00%	5.60%
No	Count	2	2	15	2	1	28	65	3	0	118
	Row %	1.69%	1.69%	12.71%	1.69%	0.85%	23.73%	55.08%	2.54%	0.00%	100.00%
	Column %	33.33%	11.11%	34.09%	28.57%	14.29%	40.58%	28.38%	37.50%	0.00%	30.03%
	Total %	0.51%	0.51%	3.82%	0.51%	0.25%	7.12%	16.54%	0.76%	0.00%	30.03%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q39I In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of personnel? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q39I In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Lack of personnel?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	6	1	0	7	13	1	0	31
	Row %	3.23%	6.45%	19.35%	3.23%	0.00%	22.58%	41.94%	3.23%	0.00%	100.00%
	Column %	16.67%	11.11%	13.64%	14.29%	0.00%	10.14%	5.68%	12.50%	0.00%	7.89%
	Total %	0.25%	0.51%	1.53%	0.25%	0.00%	1.78%	3.31%	0.25%	0.00%	7.89%
No	Count	2	2	13	2	1	24	61	4	0	109
	Row %	1.83%	1.83%	11.93%	1.83%	0.92%	22.02%	55.96%	3.67%	0.00%	100.00%
	Column %	33.33%	11.11%	29.55%	28.57%	14.29%	34.78%	26.64%	50.00%	0.00%	27.74%
	Total %	0.51%	0.51%	3.31%	0.51%	0.25%	6.11%	15.52%	1.02%	0.00%	27.74%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39J In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Contract too large? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39J In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Contract too large?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	5	1	0	7	14	2	0	30
	Row %	0.00%	3.33%	16.67%	3.33%	0.00%	23.33%	46.67%	6.67%	0.00%	100.00%
	Column %	0.00%	5.56%	11.36%	14.29%	0.00%	10.14%	6.11%	25.00%	0.00%	7.63%
	Total %	0.00%	0.25%	1.27%	0.25%	0.00%	1.78%	3.56%	0.51%	0.00%	7.63%
No	Count	3	3	14	2	1	24	60	3	0	110
	Row %	2.73%	2.73%	12.73%	1.82%	0.91%	21.82%	54.55%	2.73%	0.00%	100.00%
	Column %	50.00%	16.67%	31.82%	28.57%	14.29%	34.78%	26.20%	37.50%	0.00%	27.99%
	Total %	0.76%	0.76%	3.56%	0.51%	0.25%	6.11%	15.27%	0.76%	0.00%	27.99%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39K In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Slow payment or nonpayment? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39K In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Slow payment or nonpayment?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	4	1	1	12	20	2	0	43
	Row %	2.33%	4.65%	9.30%	2.33%	2.33%	27.91%	46.51%	4.65%	0.00%	100.00%
	Column %	16.67%	11.11%	9.09%	14.29%	14.29%	17.39%	8.73%	25.00%	0.00%	10.94%
	Total %	0.25%	0.51%	1.02%	0.25%	0.25%	3.05%	5.09%	0.51%	0.00%	10.94%
No	Count	2	2	15	2	0	19	54	3	0	97
	Row %	2.06%	2.06%	15.46%	2.06%	0.00%	19.59%	55.67%	3.09%	0.00%	100.00%
	Column %	33.33%	11.11%	34.09%	28.57%	0.00%	27.54%	23.58%	37.50%	0.00%	24.68%
	Total %	0.51%	0.51%	3.82%	0.51%	0.00%	4.83%	13.74%	0.76%	0.00%	24.68%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q39L In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Competing with large companies? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q39L In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor with primes on projects for AKDOT&PF: Competing with large companies?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	10	1	0	11	19	1	0	43
	Row %	0.00%	2.33%	23.26%	2.33%	0.00%	25.58%	44.19%	2.33%	0.00%	100.00%
	Column %	0.00%	5.56%	22.73%	14.29%	0.00%	15.94%	8.30%	12.50%	0.00%	10.94%
	Total %	0.00%	0.25%	2.54%	0.25%	0.00%	2.80%	4.83%	0.25%	0.00%	10.94%

No	Count	3	3	9	2	1	20	55	4	0	97
	Row %	3.09%	3.09%	9.28%	2.06%	1.03%	20.62%	56.70%	4.12%	0.00%	100.00%
	Column %	50.00%	16.67%	20.45%	28.57%	14.29%	28.99%	24.02%	50.00%	0.00%	24.68%
	Total %	0.76%	0.76%	2.29%	0.51%	0.25%	5.09%	13.99%	1.02%	0.00%	24.68%
Skipped Question/Skip Pattern	Count	3	14	25	4	6	38	155	3	5	253
	Row %	1.19%	5.53%	9.88%	1.58%	2.37%	15.02%	61.26%	1.19%	1.98%	100.00%
	Column %	50.00%	77.78%	56.82%	57.14%	85.71%	55.07%	67.69%	37.50%	100.00%	64.38%
	Total %	0.76%	3.56%	6.36%	1.02%	1.53%	9.67%	39.44%	0.76%	1.27%	64.38%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q40 In general, which of the following categories best approximates your company's largest subcontact awarded between October 1, 2006 and September 30, 2011? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Q40 In general, which of the following categories best approximates your company's largest subcontact awarded between October 1, 2006 and September 30, 2011?	Race, Ethnicity, Gender Classification (Business Ownership Classification)										
	African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total	
No Response	Count	0	1	1	0	0	6	10	0	0	18
	Row %	0.00%	5.56%	5.56%	0.00%	0.00%	33.33%	55.56%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	8.70%	4.37%	0.00%	0.00%	4.58%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	1.53%	2.54%	0.00%	0.00%	4.58%
Not applicable	Count	0	1	6	2	1	5	25	0	0	40
	Row %	0.00%	2.50%	15.00%	5.00%	2.50%	12.50%	62.50%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	13.64%	28.57%	14.29%	7.25%	10.92%	0.00%	0.00%	10.18%
	Total %	0.00%	0.25%	1.53%	0.51%	0.25%	1.27%	6.36%	0.00%	0.00%	10.18%
Up to \$50,000	Count	0	3	0	0	0	4	12	1	1	21
	Row %	0.00%	14.29%	0.00%	0.00%	0.00%	19.05%	57.14%	4.76%	4.76%	100.00%
	Column %	0.00%	16.67%	0.00%	0.00%	0.00%	5.80%	5.24%	12.50%	20.00%	5.34%
	Total %	0.00%	0.76%	0.00%	0.00%	0.00%	1.02%	3.05%	0.25%	0.25%	5.34%
\$50,001 to \$100,000	Count	2	1	2	2	1	5	23	2	0	38
	Row %	5.26%	2.63%	5.26%	5.26%	2.63%	13.16%	60.53%	5.26%	0.00%	100.00%
	Column %	33.33%	5.56%	4.55%	28.57%	14.29%	7.25%	10.04%	25.00%	0.00%	9.67%
	Total %	0.51%	0.25%	0.51%	0.51%	0.25%	1.27%	5.85%	0.51%	0.00%	9.67%
\$100,001 to \$200,000	Count	1	1	6	0	1	9	10	1	0	29
	Row %	3.45%	3.45%	20.69%	0.00%	3.45%	31.03%	34.48%	3.45%	0.00%	100.00%
	Column %	16.67%	5.56%	13.64%	0.00%	14.29%	13.04%	4.37%	12.50%	0.00%	7.38%
	Total %	0.25%	0.25%	1.53%	0.00%	0.25%	2.29%	2.54%	0.25%	0.00%	7.38%
\$200,001 to \$300,000	Count	0	1	2	0	0	4	19	0	0	26
	Row %	0.00%	3.85%	7.69%	0.00%	0.00%	15.38%	73.08%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	0.00%	5.80%	8.30%	0.00%	0.00%	6.62%
	Total %	0.00%	0.25%	0.51%	0.00%	0.00%	1.02%	4.83%	0.00%	0.00%	6.62%
\$300,001 to \$400,000	Count	1	1	3	0	0	5	13	1	0	24
	Row %	4.17%	4.17%	12.50%	0.00%	0.00%	20.83%	54.17%	4.17%	0.00%	100.00%
	Column %	16.67%	5.56%	6.82%	0.00%	0.00%	7.25%	5.68%	12.50%	0.00%	6.11%
	Total %	0.25%	0.25%	0.76%	0.00%	0.00%	1.27%	3.31%	0.25%	0.00%	6.11%
\$400,001 to \$500,000	Count	0	1	1	0	1	3	9	0	1	16
	Row %	0.00%	6.25%	6.25%	0.00%	6.25%	18.75%	56.25%	0.00%	6.25%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	14.29%	4.35%	3.93%	0.00%	20.00%	4.07%
	Total %	0.00%	0.25%	0.25%	0.00%	0.25%	0.76%	2.29%	0.00%	0.25%	4.07%
\$500,001 to \$1 million	Count	0	1	6	1	0	6	26	1	0	41
	Row %	0.00%	2.44%	14.63%	2.44%	0.00%	14.63%	63.41%	2.44%	0.00%	100.00%
	Column %	0.00%	5.56%	13.64%	14.29%	0.00%	8.70%	11.35%	12.50%	0.00%	10.43%
	Total %	0.00%	0.25%	1.53%	0.25%	0.00%	1.53%	6.62%	0.25%	0.00%	10.43%
Over \$1 million	Count	0	2	10	0	2	14	50	1	2	81
	Row %	0.00%	2.47%	12.35%	0.00%	2.47%	17.28%	61.73%	1.23%	2.47%	100.00%
	Column %	0.00%	11.11%	22.73%	0.00%	28.57%	20.29%	21.83%	12.50%	40.00%	20.61%
	Total %	0.00%	0.51%	2.54%	0.00%	0.51%	3.56%	12.72%	0.25%	0.51%	20.61%

Don't Know	Count	0	1	2	0	0	0	6	0	0	9
	Row %	0.00%	11.11%	22.22%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	0.00%	0.00%	2.62%	0.00%	0.00%	2.29%
	Total %	0.00%	0.25%	0.51%	0.00%	0.00%	0.00%	1.53%	0.00%	0.00%	2.29%
Skipped Question/Skip Pattern	Count	2	4	5	2	1	8	26	1	1	50
	Row %	4.00%	8.00%	10.00%	4.00%	2.00%	16.00%	52.00%	2.00%	2.00%	100.00%
	Column %	33.33%	22.22%	11.36%	28.57%	14.29%	11.59%	11.35%	12.50%	20.00%	12.72%
	Total %	0.51%	1.02%	1.27%	0.51%	0.25%	2.04%	6.62%	0.25%	0.25%	12.72%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q41 Between October 1, 2006 and September 30, 2011, when you were a subcontractor, what was the average amount of time that it typically took to receive payment for your services from the prime contractor? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Q41 Between October 1, 2006 and September 30, 2011, when you were a subcontractor, what was the average amount of time that it typically took to receive payment for your services from the prime contractor?	Race, Ethnicity, Gender Classification (Business Ownership Classification)										
	African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total	
Less than 30 days	Count	1	3	6	2	3	13	32	1	2	63
	Row %	1.59%	4.76%	9.52%	3.17%	4.76%	20.63%	50.79%	1.59%	3.17%	100.00%
	Column %	16.67%	16.67%	13.64%	28.57%	42.86%	18.84%	13.97%	12.50%	40.00%	16.03%
	Total %	0.25%	0.76%	1.53%	0.51%	0.76%	3.31%	8.14%	0.25%	0.51%	16.03%
31-60 days	Count	2	5	19	1	1	31	98	1	2	160
	Row %	1.25%	3.13%	11.88%	0.63%	0.63%	19.38%	61.25%	0.63%	1.25%	100.00%
	Column %	33.33%	27.78%	43.18%	14.29%	14.29%	44.93%	42.79%	12.50%	40.00%	40.71%
	Total %	0.51%	1.27%	4.83%	0.25%	0.25%	7.89%	24.94%	0.25%	0.51%	40.71%
61-90 days	Count	0	2	5	0	0	9	26	4	0	46
	Row %	0.00%	4.35%	10.87%	0.00%	0.00%	19.57%	56.52%	8.70%	0.00%	100.00%
	Column %	0.00%	11.11%	11.36%	0.00%	0.00%	13.04%	11.35%	50.00%	0.00%	11.70%
	Total %	0.00%	0.51%	1.27%	0.00%	0.00%	2.29%	6.62%	1.02%	0.00%	11.70%
91-120 days	Count	0	1	4	0	1	0	4	1	0	11
	Row %	0.00%	9.09%	36.36%	0.00%	9.09%	0.00%	36.36%	9.09%	0.00%	100.00%
	Column %	0.00%	5.56%	9.09%	0.00%	14.29%	0.00%	1.75%	12.50%	0.00%	2.80%
	Total %	0.00%	0.25%	1.02%	0.00%	0.25%	0.00%	1.02%	0.25%	0.00%	2.80%
Over 120 days	Count	0	0	0	0	0	0	3	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.76%	0.00%	0.00%	0.76%
Not applicable	Count	1	3	5	2	1	8	40	0	0	60
	Row %	1.67%	5.00%	8.33%	3.33%	1.67%	13.33%	66.67%	0.00%	0.00%	100.00%
	Column %	16.67%	16.67%	11.36%	28.57%	14.29%	11.59%	17.47%	0.00%	0.00%	15.27%
	Total %	0.25%	0.76%	1.27%	0.51%	0.25%	2.04%	10.18%	0.00%	0.00%	15.27%
Skipped Question/Skip Pattern	Count	2	4	5	2	1	8	26	1	1	50
	Row %	4.00%	8.00%	10.00%	4.00%	2.00%	16.00%	52.00%	2.00%	2.00%	100.00%
	Column %	33.33%	22.22%	11.36%	28.57%	14.29%	11.59%	11.35%	12.50%	20.00%	12.72%
	Total %	0.51%	1.02%	1.27%	0.51%	0.25%	2.04%	6.62%	0.25%	0.25%	12.72%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q42 In your experience, how frequently have the prime contractors that you've subcontractors that you've subcontracted with delayed payment for the work or services that you performed? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q42 In your experience, how frequently have the prime contractors that you've subcontractors that you've subcontracted with delayed payment for the work or services that you performed?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Very often	Count	0	0	4	0	1	1	16	1	0	23
	Row %	0.00%	0.00%	17.39%	0.00%	4.35%	4.35%	69.57%	4.35%	0.00%	100.00%
	Column %	0.00%	0.00%	9.09%	0.00%	14.29%	1.45%	6.99%	12.50%	0.00%	5.85%
	Total %	0.00%	0.00%	1.02%	0.00%	0.25%	0.25%	4.07%	0.25%	0.00%	5.85%
Often	Count	0	2	3	0	0	7	11	0	0	23
	Row %	0.00%	8.70%	13.04%	0.00%	0.00%	30.43%	47.83%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	6.82%	0.00%	0.00%	10.14%	4.80%	0.00%	0.00%	5.85%
	Total %	0.00%	0.51%	0.76%	0.00%	0.00%	1.78%	2.80%	0.00%	0.00%	5.85%
Sometimes	Count	0	2	6	1	3	11	41	2	1	67
	Row %	0.00%	2.99%	8.96%	1.49%	4.48%	16.42%	61.19%	2.99%	1.49%	100.00%
	Column %	0.00%	11.11%	13.64%	14.29%	42.86%	15.94%	17.90%	25.00%	20.00%	17.05%
	Total %	0.00%	0.51%	1.53%	0.25%	0.76%	2.80%	10.43%	0.51%	0.25%	17.05%
Seldom	Count	2	2	13	2	1	20	61	3	2	106
	Row %	1.89%	1.89%	12.26%	1.89%	0.94%	18.87%	57.55%	2.83%	1.89%	100.00%
	Column %	33.33%	11.11%	29.55%	28.57%	14.29%	28.99%	26.64%	37.50%	40.00%	26.97%
	Total %	0.51%	0.51%	3.31%	0.51%	0.25%	5.09%	15.52%	0.76%	0.51%	26.97%
Never	Count	2	7	7	0	0	15	39	1	1	72
	Row %	2.78%	9.72%	9.72%	0.00%	0.00%	20.83%	54.17%	1.39%	1.39%	100.00%
	Column %	33.33%	38.89%	15.91%	0.00%	0.00%	21.74%	17.03%	12.50%	20.00%	18.32%
	Total %	0.51%	1.78%	1.78%	0.00%	0.00%	3.82%	9.92%	0.25%	0.25%	18.32%
Don't Know/Not Applicable	Count	0	1	6	2	1	7	35	0	0	52
	Row %	0.00%	1.92%	11.54%	3.85%	1.92%	13.46%	67.31%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	13.64%	28.57%	14.29%	10.14%	15.28%	0.00%	0.00%	13.23%
	Total %	0.00%	0.25%	1.53%	0.51%	0.25%	1.78%	8.91%	0.00%	0.00%	13.23%
Skipped Question/Skip Pattern	Count	2	4	5	2	1	8	26	1	1	50
	Row %	4.00%	8.00%	10.00%	4.00%	2.00%	16.00%	52.00%	2.00%	2.00%	100.00%
	Column %	33.33%	22.22%	11.36%	28.57%	14.29%	11.59%	11.35%	12.50%	20.00%	12.72%
	Total %	0.51%	1.02%	1.27%	0.51%	0.25%	2.04%	6.62%	0.25%	0.25%	12.72%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q43 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid with a prime contractor for a project with AKDOT&PF, were informed that you were the successful bidder, and then found out that another subcontractor was actually doing the \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q43 Between October 1, 2006 and September 30, 2011, have you ever submitted a bid with a prime contractor for a project with AKDOT&PF, were informed that you were the successful bidder, and then found out that another subcontractor was actually doing the		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	1	7	0	0	7	22	1	1	40
	Row %	2.50%	2.50%	17.50%	0.00%	0.00%	17.50%	55.00%	2.50%	2.50%	100.00%
	Column %	16.67%	5.56%	15.91%	0.00%	0.00%	10.14%	9.61%	12.50%	20.00%	10.18%
	Total %	0.25%	0.25%	1.78%	0.00%	0.00%	1.78%	5.60%	0.25%	0.25%	10.18%
No	Count	4	15	35	5	7	58	187	7	4	322
	Row %	1.24%	4.66%	10.87%	1.55%	2.17%	18.01%	58.07%	2.17%	1.24%	100.00%
	Column %	66.67%	83.33%	79.55%	71.43%	100.00%	84.06%	81.66%	87.50%	80.00%	81.93%
	Total %	1.02%	3.82%	8.91%	1.27%	1.78%	14.76%	47.58%	1.78%	1.02%	81.93%

Don't Know	Count	1	2	2	2	0	4	20	0	0	31
	Row %	3.23%	6.45%	6.45%	6.45%	0.00%	12.90%	64.52%	0.00%	0.00%	100.00%
	Column %	16.67%	11.11%	4.55%	28.57%	0.00%	5.80%	8.73%	0.00%	0.00%	7.89%
	Total %	0.25%	0.51%	0.51%	0.51%	0.00%	1.02%	5.09%	0.00%	0.00%	7.89%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q44 As a subcontractor, are you required to have bonding for the type of work that your company bids? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q44 As a subcontractor, are you required to have bonding for the type of work that your company bids?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	2	8	21	3	2	33	98	2	2	171
	Row %	1.17%	4.68%	12.28%	1.75%	1.17%	19.30%	57.31%	1.17%	1.17%	100.00%
	Column %	33.33%	44.44%	47.73%	42.86%	28.57%	47.83%	42.79%	25.00%	40.00%	43.51%
	Total %	0.51%	2.04%	5.34%	0.76%	0.51%	8.40%	24.94%	0.51%	0.51%	43.51%
No	Count	4	10	22	2	5	31	115	5	2	196
	Row %	2.04%	5.10%	11.22%	1.02%	2.55%	15.82%	58.67%	2.55%	1.02%	100.00%
	Column %	66.67%	55.56%	50.00%	28.57%	71.43%	44.93%	50.22%	62.50%	40.00%	49.87%
	Total %	1.02%	2.54%	5.60%	0.51%	1.27%	7.89%	29.26%	1.27%	0.51%	49.87%
Don't Know	Count	0	0	1	2	0	5	16	1	1	26
	Row %	0.00%	0.00%	3.85%	7.69%	0.00%	19.23%	61.54%	3.85%	3.85%	100.00%
	Column %	0.00%	0.00%	2.27%	28.57%	0.00%	7.25%	6.99%	12.50%	20.00%	6.62%
	Total %	0.00%	0.00%	0.25%	0.51%	0.00%	1.27%	4.07%	0.25%	0.25%	6.62%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: What is your current aggregate bonding limit? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

What is your current aggregate bonding limit?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Below \$100,000	Count	0	1	1	0	0	4	5	1	1	13
	Row %	0.00%	7.69%	7.69%	0.00%	0.00%	30.77%	38.46%	7.69%	7.69%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	0.00%	5.80%	2.18%	12.50%	20.00%	3.31%
	Total %	0.00%	0.25%	0.25%	0.00%	0.00%	1.02%	1.27%	0.25%	0.25%	3.31%
\$100,001 to \$250,000	Count	0	1	2	0	1	4	7	0	0	15
	Row %	0.00%	6.67%	13.33%	0.00%	6.67%	26.67%	46.67%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	14.29%	5.80%	3.06%	0.00%	0.00%	3.82%
	Total %	0.00%	0.25%	0.51%	0.00%	0.25%	1.02%	1.78%	0.00%	0.00%	3.82%
\$250,001 to \$500,000	Count	0	2	1	0	0	3	8	0	0	14
	Row %	0.00%	14.29%	7.14%	0.00%	0.00%	21.43%	57.14%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	2.27%	0.00%	0.00%	4.35%	3.49%	0.00%	0.00%	3.56%
	Total %	0.00%	0.51%	0.25%	0.00%	0.00%	0.76%	2.04%	0.00%	0.00%	3.56%
\$500,001 to \$1 million	Count	1	2	6	0	0	7	9	1	0	26
	Row %	3.85%	7.69%	23.08%	0.00%	0.00%	26.92%	34.62%	3.85%	0.00%	100.00%
	Column %	16.67%	11.11%	13.64%	0.00%	0.00%	10.14%	3.93%	12.50%	0.00%	6.62%
	Total %	0.25%	0.51%	1.53%	0.00%	0.00%	1.78%	2.29%	0.25%	0.00%	6.62%
\$1,000,001 to \$1.5 million	Count	0	0	3	0	1	3	12	0	0	19
	Row %	0.00%	0.00%	15.79%	0.00%	5.26%	15.79%	63.16%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	0.00%	14.29%	4.35%	5.24%	0.00%	0.00%	4.83%
	Total %	0.00%	0.00%	0.76%	0.00%	0.25%	0.76%	3.05%	0.00%	0.00%	4.83%
\$1,500,001 to \$3 million	Count	1	1	0	2	0	3	7	0	0	14
	Row %	7.14%	7.14%	0.00%	14.29%	0.00%	21.43%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	5.56%	0.00%	28.57%	0.00%	4.35%	3.06%	0.00%	0.00%	3.56%
	Total %	0.25%	0.25%	0.00%	0.51%	0.00%	0.76%	1.78%	0.00%	0.00%	3.56%

\$3,000,001 to \$5 million	Count	0	0	1	0	0	1	9	0	0	11
	Row %	0.00%	0.00%	9.09%	0.00%	0.00%	9.09%	81.82%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	1.45%	3.93%	0.00%	0.00%	2.80%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	2.29%	0.00%	0.00%	2.80%
Over \$5 million	Count	0	1	5	1	0	6	27	0	1	41
	Row %	0.00%	2.44%	12.20%	2.44%	0.00%	14.63%	65.85%	0.00%	2.44%	100.00%
	Column %	0.00%	5.56%	11.36%	14.29%	0.00%	8.70%	11.79%	0.00%	20.00%	10.43%
	Total %	0.00%	0.25%	1.27%	0.25%	0.00%	1.53%	6.87%	0.00%	0.25%	10.43%
Don't Know	Count	0	0	2	0	0	2	16	0	0	20
	Row %	0.00%	0.00%	10.00%	0.00%	0.00%	10.00%	80.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	2.90%	6.99%	0.00%	0.00%	5.09%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%	4.07%	0.00%	0.00%	5.09%
Skipped Question/Skip Pattern	Count	4	10	23	4	5	36	129	6	3	220
	Row %	1.82%	4.55%	10.45%	1.82%	2.27%	16.36%	58.64%	2.73%	1.36%	100.00%
	Column %	66.67%	55.56%	52.27%	57.14%	71.43%	52.17%	56.33%	75.00%	60.00%	55.98%
	Total %	1.02%	2.54%	5.85%	1.02%	1.27%	9.16%	32.82%	1.53%	0.76%	55.98%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q46 What is your current single project bonding limit? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q46 What is your current single project bonding limit?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Below \$100,000	Count	1	1	1	0	0	4	8	0	1	16
	Row %	6.25%	6.25%	6.25%	0.00%	0.00%	25.00%	50.00%	0.00%	6.25%	100.00%
	Column %	16.67%	5.56%	2.27%	0.00%	0.00%	5.80%	3.49%	0.00%	20.00%	4.07%
	Total %	0.25%	0.25%	0.25%	0.00%	0.00%	1.02%	2.04%	0.00%	0.25%	4.07%
\$100,001 to \$250,000	Count	0	1	1	0	1	3	5	0	0	11
	Row %	0.00%	9.09%	9.09%	0.00%	9.09%	27.27%	45.45%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	14.29%	4.35%	2.18%	0.00%	0.00%	2.80%
	Total %	0.00%	0.25%	0.25%	0.00%	0.25%	0.76%	1.27%	0.00%	0.00%	2.80%
\$250,001 to \$500,000	Count	0	2	3	0	0	3	3	1	0	12
	Row %	0.00%	16.67%	25.00%	0.00%	0.00%	25.00%	25.00%	8.33%	0.00%	100.00%
	Column %	0.00%	11.11%	6.82%	0.00%	0.00%	4.35%	1.31%	12.50%	0.00%	3.05%
	Total %	0.00%	0.51%	0.76%	0.00%	0.00%	0.76%	0.76%	0.25%	0.00%	3.05%
\$500,001 to \$1 million	Count	0	2	2	0	0	6	10	1	0	21
	Row %	0.00%	9.52%	9.52%	0.00%	0.00%	28.57%	47.62%	4.76%	0.00%	100.00%
	Column %	0.00%	11.11%	4.55%	0.00%	0.00%	8.70%	4.37%	12.50%	0.00%	5.34%
	Total %	0.00%	0.51%	0.51%	0.00%	0.00%	1.53%	2.54%	0.25%	0.00%	5.34%
\$1,000,001 to \$1.5 million	Count	0	0	4	1	1	3	12	0	0	21
	Row %	0.00%	0.00%	19.05%	4.76%	4.76%	14.29%	57.14%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	9.09%	14.29%	14.29%	4.35%	5.24%	0.00%	0.00%	5.34%
	Total %	0.00%	0.00%	1.02%	0.25%	0.25%	0.76%	3.05%	0.00%	0.00%	5.34%
\$1,500,001 to \$3 million	Count	1	0	0	1	0	3	8	0	0	13
	Row %	7.69%	0.00%	0.00%	7.69%	0.00%	23.08%	61.54%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	14.29%	0.00%	4.35%	3.49%	0.00%	0.00%	3.31%
	Total %	0.25%	0.00%	0.00%	0.25%	0.00%	0.76%	2.04%	0.00%	0.00%	3.31%
\$3,000,001 to \$5 million	Count	0	1	2	0	0	1	12	0	0	16
	Row %	0.00%	6.25%	12.50%	0.00%	0.00%	6.25%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	0.00%	1.45%	5.24%	0.00%	0.00%	4.07%
	Total %	0.00%	0.25%	0.51%	0.00%	0.00%	0.25%	3.05%	0.00%	0.00%	4.07%
Over \$5 million	Count	0	1	5	1	0	5	23	0	1	36
	Row %	0.00%	2.78%	13.89%	2.78%	0.00%	13.89%	63.89%	0.00%	2.78%	100.00%
	Column %	0.00%	5.56%	11.36%	14.29%	0.00%	7.25%	10.04%	0.00%	20.00%	9.16%
	Total %	0.00%	0.25%	1.27%	0.25%	0.00%	1.27%	5.85%	0.00%	0.25%	9.16%

Don't Know	Count	0	0	3	0	0	5	19	0	0	27
	Row %	0.00%	0.00%	11.11%	0.00%	0.00%	18.52%	70.37%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	6.82%	0.00%	0.00%	7.25%	8.30%	0.00%	0.00%	6.87%
	Total %	0.00%	0.00%	0.76%	0.00%	0.00%	1.27%	4.83%	0.00%	0.00%	6.87%
Skipped Question/Skip Pattern	Count	4	10	23	4	5	36	129	6	3	220
	Row %	1.82%	4.55%	10.45%	1.82%	2.27%	16.36%	58.64%	2.73%	1.36%	100.00%
	Column %	66.67%	55.56%	52.27%	57.14%	71.43%	52.17%	56.33%	75.00%	60.00%	55.98%
	Total %	1.02%	2.54%	5.85%	1.02%	1.27%	9.16%	32.82%	1.53%	0.76%	55.98%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q47 As a subcontractor did you experience discriminatoy behavior between October 1, 2006 and September 30, 2011 from a prime contractor working on bidding on an AKDOT&PF project? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q47 As a subcontractor did you experience discriminatoy behavior between October 1, 2006 and September 30, 2011 from a prime contractor working on bidding on an AKDOT&PF project?		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	2	2	2	3	10	0	1	21
	Row %	0.00%	4.76%	9.52%	9.52%	9.52%	14.29%	47.62%	0.00%	4.76%	100.00%
	Column %	0.00%	5.56%	4.55%	28.57%	28.57%	4.35%	4.37%	0.00%	20.00%	5.34%
	Total %	0.00%	0.25%	0.51%	0.51%	0.51%	0.76%	2.54%	0.00%	0.25%	5.34%
No	Count	5	15	38	3	4	58	179	8	4	314
	Row %	1.59%	4.78%	12.10%	0.96%	1.27%	18.47%	57.01%	2.55%	1.27%	100.00%
	Column %	83.33%	83.33%	86.36%	42.86%	57.14%	84.06%	78.17%	100.00%	80.00%	79.90%
	Total %	1.27%	3.82%	9.67%	0.76%	1.02%	14.76%	45.55%	2.04%	1.02%	79.90%
Don't Know	Count	1	0	1	0	0	1	6	0	0	9
	Row %	11.11%	0.00%	11.11%	0.00%	0.00%	11.11%	66.67%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	2.27%	0.00%	0.00%	1.45%	2.62%	0.00%	0.00%	2.29%
	Total %	0.25%	0.00%	0.25%	0.00%	0.00%	0.25%	1.53%	0.00%	0.00%	2.29%
Not Applicable	Count	0	2	3	2	1	7	34	0	0	49
	Row %	0.00%	4.08%	6.12%	4.08%	2.04%	14.29%	69.39%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	6.82%	28.57%	14.29%	10.14%	14.85%	0.00%	0.00%	12.47%
	Total %	0.00%	0.51%	0.76%	0.51%	0.25%	1.78%	8.65%	0.00%	0.00%	12.47%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q48 What was the most noticeable way you became aware of the discrimination against your company? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q48 What was the most noticeable way you became aware of the discrimination against your company?		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Verbal comment	Count	0	1	2	0	0	2	5	0	0	10
	Row %	0.00%	10.00%	20.00%	0.00%	0.00%	20.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	4.55%	0.00%	0.00%	2.90%	2.18%	0.00%	0.00%	2.54%
	Total %	0.00%	0.25%	0.51%	0.00%	0.00%	0.51%	1.27%	0.00%	0.00%	2.54%
Action taken against the company	Count	0	0	0	1	2	1	4	0	1	9
	Row %	0.00%	0.00%	0.00%	11.11%	22.22%	11.11%	44.44%	0.00%	11.11%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	28.57%	1.45%	1.75%	0.00%	20.00%	2.29%
	Total %	0.00%	0.00%	0.00%	0.25%	0.51%	0.25%	1.02%	0.00%	0.25%	2.29%
Don't Know	Count	0	0	0	1	0	0	1	0	0	2
	Row %	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%



Skipped Question/Skip Pattern	Count	6	17	42	5	5	66	219	8	4	372
	Row %	1.61%	4.57%	11.29%	1.34%	1.34%	17.74%	58.87%	2.15%	1.08%	100.00%
	Column %	100.00%	94.44%	95.45%	71.43%	71.43%	95.65%	95.63%	100.00%	80.00%	94.66%
	Total %	1.53%	4.33%	10.69%	1.27%	1.27%	16.79%	55.73%	2.04%	1.02%	94.66%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q49 Which of the following do you consider the primary reason for your company being discriminated against? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q49 Which of the following do you consider the primary reason for your company being discriminated against?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Owners race or ethnicity	Count	0	0	0	0	0	1	7	0	0	8
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	87.50%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	3.06%	0.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	1.78%	0.00%	0.00%	2.04%
Owners gender	Count	0	1	0	1	0	1	0	0	0	3
	Row %	0.00%	33.33%	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	14.29%	0.00%	1.45%	0.00%	0.00%	0.00%	0.76%
	Total %	0.00%	0.25%	0.00%	0.25%	0.00%	0.25%	0.00%	0.00%	0.00%	0.76%
Don't Know	Count	0	0	2	1	2	1	3	0	1	10
	Row %	0.00%	0.00%	20.00%	10.00%	20.00%	10.00%	30.00%	0.00%	10.00%	100.00%
	Column %	0.00%	0.00%	4.55%	14.29%	28.57%	1.45%	1.31%	0.00%	20.00%	2.54%
	Total %	0.00%	0.00%	0.51%	0.25%	0.51%	0.25%	0.76%	0.00%	0.25%	2.54%
Skipped Question/Skip Pattern	Count	6	17	42	5	5	66	219	8	4	372
	Row %	1.61%	4.57%	11.29%	1.34%	1.34%	17.74%	58.87%	2.15%	1.08%	100.00%
	Column %	100.00%	94.44%	95.45%	71.43%	71.43%	95.65%	95.63%	100.00%	80.00%	94.66%
	Total %	1.53%	4.33%	10.69%	1.27%	1.27%	16.79%	55.73%	2.04%	1.02%	94.66%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q50 When did the discrimination first occur? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q50 When did the discrimination first occur?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
During bidding process	Count	0	0	1	0	1	3	3	0	1	9
	Row %	0.00%	0.00%	11.11%	0.00%	11.11%	33.33%	33.33%	0.00%	11.11%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	14.29%	4.35%	1.31%	0.00%	20.00%	2.29%
	Total %	0.00%	0.00%	0.25%	0.00%	0.25%	0.76%	0.76%	0.00%	0.25%	2.29%
After contract award	Count	0	1	1	1	1	0	5	0	0	9
	Row %	0.00%	11.11%	11.11%	11.11%	11.11%	0.00%	55.56%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	2.27%	14.29%	14.29%	0.00%	2.18%	0.00%	0.00%	2.29%
	Total %	0.00%	0.25%	0.25%	0.25%	0.25%	0.00%	1.27%	0.00%	0.00%	2.29%
Don't Know	Count	0	0	0	1	0	0	2	0	0	3
	Row %	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%	0.00%	0.00%	0.76%
Skipped Question/Skip Pattern	Count	6	17	42	5	5	66	219	8	4	372
	Row %	1.61%	4.57%	11.29%	1.34%	1.34%	17.74%	58.87%	2.15%	1.08%	100.00%
	Column %	100.00%	94.44%	95.45%	71.43%	71.43%	95.65%	95.63%	100.00%	80.00%	94.66%
	Total %	1.53%	4.33%	10.69%	1.27%	1.27%	16.79%	55.73%	2.04%	1.02%	94.66%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q51 Did you file a complaint? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q51 Did you file a complaint?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	0	0	0	0	1	0	0	2
	Row %	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.51%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.51%
No	Count	0	0	2	2	2	3	9	0	1	19
	Row %	0.00%	0.00%	10.53%	10.53%	10.53%	15.79%	47.37%	0.00%	5.26%	100.00%
	Column %	0.00%	0.00%	4.55%	28.57%	28.57%	4.35%	3.93%	0.00%	20.00%	4.83%
	Total %	0.00%	0.00%	0.51%	0.51%	0.51%	0.76%	2.29%	0.00%	0.25%	4.83%
Skipped Question/Skip Pattern	Count	6	17	42	5	5	66	219	8	4	372
	Row %	1.61%	4.57%	11.29%	1.34%	1.34%	17.74%	58.87%	2.15%	1.08%	100.00%
	Column %	100.00%	94.44%	95.45%	71.43%	71.43%	95.65%	95.63%	100.00%	80.00%	94.66%
	Total %	1.53%	4.33%	10.69%	1.27%	1.27%	16.79%	55.73%	2.04%	1.02%	94.66%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: QQ52 Have you observed a situation in which a prime contractor includes minority or woman subcontractors in 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? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
QQ52 Have you observed a situation in which a prime contractor includes minority or woman subcontractors in 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?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	3	3	1	0	7	16	0	0	31
	Row %	3.23%	9.68%	9.68%	3.23%	0.00%	22.58%	51.61%	0.00%	0.00%	100.00%
	Column %	16.67%	16.67%	6.82%	14.29%	0.00%	10.14%	6.99%	0.00%	0.00%	7.89%
	Total %	0.25%	0.76%	0.76%	0.25%	0.00%	1.78%	4.07%	0.00%	0.00%	7.89%
No	Count	5	14	40	6	6	60	201	8	4	344
	Row %	1.45%	4.07%	11.63%	1.74%	1.74%	17.44%	58.43%	2.33%	1.16%	100.00%
	Column %	83.33%	77.78%	90.91%	85.71%	85.71%	86.96%	87.77%	100.00%	80.00%	87.53%
	Total %	1.27%	3.56%	10.18%	1.53%	1.53%	15.27%	51.15%	2.04%	1.02%	87.53%
Don't Know	Count	0	1	1	0	1	2	12	0	1	18
	Row %	0.00%	5.56%	5.56%	0.00%	5.56%	11.11%	66.67%	0.00%	5.56%	100.00%
	Column %	0.00%	5.56%	2.27%	0.00%	14.29%	2.90%	5.24%	0.00%	20.00%	4.58%
	Total %	0.00%	0.25%	0.25%	0.00%	0.25%	0.51%	3.05%	0.00%	0.25%	4.58%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q53 How often do prime contractors who use your firm as a subcontractor on public-sector projects with DBE goals solicit your firm on projects (private or public) without DBE goals? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q53 How often do prime contractors who use your firm as a subcontractor on public-sector projects with DBE goals solicit your firm on projects (private or public) without DBE goals?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Very often	Count	0	2	7	1	1	11	28	1	1	52
	Row %	0.00%	3.85%	13.46%	1.92%	1.92%	21.15%	53.85%	1.92%	1.92%	100.00%
	Column %	0.00%	11.11%	15.91%	14.29%	14.29%	15.94%	12.23%	12.50%	20.00%	13.23%
	Total %	0.00%	0.51%	1.78%	0.25%	0.25%	2.80%	7.12%	0.25%	0.25%	13.23%

Sometimes	Count	1	3	8	1	1	10	33	1	0	58
	Row %	1.72%	5.17%	13.79%	1.72%	1.72%	17.24%	56.90%	1.72%	0.00%	100.00%
	Column %	16.67%	16.67%	18.18%	14.29%	14.29%	14.49%	14.41%	12.50%	0.00%	14.76%
	Total %	0.25%	0.76%	2.04%	0.25%	0.25%	2.54%	8.40%	0.25%	0.00%	14.76%
Seldom	Count	2	2	11	2	2	7	31	0	1	58
	Row %	3.45%	3.45%	18.97%	3.45%	3.45%	12.07%	53.45%	0.00%	1.72%	100.00%
	Column %	33.33%	11.11%	25.00%	28.57%	28.57%	10.14%	13.54%	0.00%	20.00%	14.76%
	Total %	0.51%	0.51%	2.80%	0.51%	0.51%	1.78%	7.89%	0.00%	0.25%	14.76%
Never	Count	0	5	8	0	1	21	60	5	1	101
	Row %	0.00%	4.95%	7.92%	0.00%	0.99%	20.79%	59.41%	4.95%	0.99%	100.00%
	Column %	0.00%	27.78%	18.18%	0.00%	14.29%	30.43%	26.20%	62.50%	20.00%	25.70%
	Total %	0.00%	1.27%	2.04%	0.00%	0.25%	5.34%	15.27%	1.27%	0.25%	25.70%
Not applicable	Count	3	6	10	3	2	20	77	1	2	124
	Row %	2.42%	4.84%	8.06%	2.42%	1.61%	16.13%	62.10%	0.81%	1.61%	100.00%
	Column %	50.00%	33.33%	22.73%	42.86%	28.57%	28.99%	33.62%	12.50%	40.00%	31.55%
	Total %	0.76%	1.53%	2.54%	0.76%	0.51%	5.09%	19.59%	0.25%	0.51%	31.55%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54A Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Harassment? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54A Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Harassment?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	0	1	0	0	3	3	0	0	7
	Row %	0.00%	0.00%	14.29%	0.00%	0.00%	42.86%	42.86%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	4.35%	1.31%	0.00%	0.00%	1.78%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.76%	0.76%	0.00%	0.00%	1.78%
No	Count	6	18	43	7	7	66	226	8	5	386
	Row %	1.55%	4.66%	11.14%	1.81%	1.81%	17.10%	58.55%	2.07%	1.30%	100.00%
	Column %	100.00%	100.00%	97.73%	100.00%	100.00%	95.65%	98.69%	100.00%	100.00%	98.22%
	Total %	1.53%	4.58%	10.94%	1.78%	1.78%	16.79%	57.51%	2.04%	1.27%	98.22%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54B Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54B Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	1	1	1	6	13	0	0	25
	Row %	4.00%	8.00%	4.00%	4.00%	4.00%	24.00%	52.00%	0.00%	0.00%	100.00%
	Column %	16.67%	11.11%	2.27%	14.29%	14.29%	8.70%	5.68%	0.00%	0.00%	6.36%
	Total %	0.25%	0.51%	0.25%	0.25%	0.25%	1.53%	3.31%	0.00%	0.00%	6.36%
No	Count	5	16	43	6	6	63	216	8	5	368
	Row %	1.36%	4.35%	11.68%	1.63%	1.63%	17.12%	58.70%	2.17%	1.36%	100.00%
	Column %	83.33%	88.89%	97.73%	85.71%	85.71%	91.30%	94.32%	100.00%	100.00%	93.64%
	Total %	1.27%	4.07%	10.94%	1.53%	1.53%	16.03%	54.96%	2.04%	1.27%	93.64%

Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54C Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54C Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unequal or unfair treatment?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	3	10	2	3	12	23	1	0	55
	Row %	1.82%	5.45%	18.18%	3.64%	5.45%	21.82%	41.82%	1.82%	0.00%	100.00%
	Column %	16.67%	16.67%	22.73%	28.57%	42.86%	17.39%	10.04%	12.50%	0.00%	13.99%
	Total %	0.25%	0.76%	2.54%	0.51%	0.76%	3.05%	5.85%	0.25%	0.00%	13.99%
No	Count	5	15	34	5	4	57	206	7	5	338
	Row %	1.48%	4.44%	10.06%	1.48%	1.18%	16.86%	60.95%	2.07%	1.48%	100.00%
	Column %	83.33%	83.33%	77.27%	71.43%	57.14%	82.61%	89.96%	87.50%	100.00%	86.01%
	Total %	1.27%	3.82%	8.65%	1.27%	1.02%	14.50%	52.42%	1.78%	1.27%	86.01%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54D Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Bid shopping or bid manipulation? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54D Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Bid shopping or bid manipulation?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	2	4	1	2	6	19	1	0	36
	Row %	2.78%	5.56%	11.11%	2.78%	5.56%	16.67%	52.78%	2.78%	0.00%	100.00%
	Column %	16.67%	11.11%	9.09%	14.29%	28.57%	8.70%	8.30%	12.50%	0.00%	9.16%
	Total %	0.25%	0.51%	1.02%	0.25%	0.51%	1.53%	4.83%	0.25%	0.00%	9.16%
No	Count	5	16	40	6	5	63	210	7	5	357
	Row %	1.40%	4.48%	11.20%	1.68%	1.40%	17.65%	58.82%	1.96%	1.40%	100.00%
	Column %	83.33%	88.89%	90.91%	85.71%	71.43%	91.30%	91.70%	87.50%	100.00%	90.84%
	Total %	1.27%	4.07%	10.18%	1.53%	1.27%	16.03%	53.44%	1.78%	1.27%	90.84%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54E Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Double standards in performance? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54E Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Double standards in performance?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	1	1	0	3	7	0	1	14
	Row %	0.00%	7.14%	7.14%	7.14%	0.00%	21.43%	50.00%	0.00%	7.14%	100.00%
	Column %	0.00%	5.56%	2.27%	14.29%	0.00%	4.35%	3.06%	0.00%	20.00%	3.56%
	Total %	0.00%	0.25%	0.25%	0.25%	0.00%	0.76%	1.78%	0.00%	0.25%	3.56%

No	Count	6	17	43	6	7	66	222	8	4	379
	Row %	1.58%	4.49%	11.35%	1.58%	1.85%	17.41%	58.58%	2.11%	1.06%	100.00%
	Column %	100.00%	94.44%	97.73%	85.71%	100.00%	95.65%	96.94%	100.00%	80.00%	96.44%
	Total %	1.53%	4.33%	10.94%	1.53%	1.78%	16.79%	56.49%	2.04%	1.02%	96.44%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54F Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Denial of opportunity to provide a quote? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54F Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Denial of opportunity to provide a quote?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	0	1	1	2	4	6	0	0	15
	Row %	6.67%	0.00%	6.67%	6.67%	13.33%	26.67%	40.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	2.27%	14.29%	28.57%	5.80%	2.62%	0.00%	0.00%	3.82%
	Total %	0.25%	0.00%	0.25%	0.25%	0.51%	1.02%	1.53%	0.00%	0.00%	3.82%
No	Count	5	18	43	6	5	65	223	8	5	378
	Row %	1.32%	4.76%	11.38%	1.59%	1.32%	17.20%	58.99%	2.12%	1.32%	100.00%
	Column %	83.33%	100.00%	97.73%	85.71%	71.43%	94.20%	97.38%	100.00%	100.00%	96.18%
	Total %	1.27%	4.58%	10.94%	1.53%	1.27%	16.54%	56.74%	2.04%	1.27%	96.18%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q54G Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair denial of contract award? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q54G Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair denial of contract award?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	1	0	2	0	1	1	5	0	0	10
	Row %	10.00%	0.00%	20.00%	0.00%	10.00%	10.00%	50.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	4.55%	0.00%	14.29%	1.45%	2.18%	0.00%	0.00%	2.54%
	Total %	0.25%	0.00%	0.51%	0.00%	0.25%	0.25%	1.27%	0.00%	0.00%	2.54%
No	Count	5	18	42	7	6	68	224	8	5	383
	Row %	1.31%	4.70%	10.97%	1.83%	1.57%	17.75%	58.49%	2.09%	1.31%	100.00%
	Column %	83.33%	100.00%	95.45%	100.00%	85.71%	98.55%	97.82%	100.00%	100.00%	97.46%
	Total %	1.27%	4.58%	10.69%	1.78%	1.53%	17.30%	57.00%	2.04%	1.27%	97.46%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q54H Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair termination? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q54H Still talking about AKDOT&PF and its prime contractors, while doing business or attempting to do business, have you experienced any of the following as a form of discrimination: Unfair termination?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	2	2	0	1	2	9	0	0	16
	Row %	0.00%	12.50%	12.50%	0.00%	6.25%	12.50%	56.25%	0.00%	0.00%	100.00%
	Column %	0.00%	11.11%	4.55%	0.00%	14.29%	2.90%	3.93%	0.00%	0.00%	4.07%
	Total %	0.00%	0.51%	0.51%	0.00%	0.25%	0.51%	2.29%	0.00%	0.00%	4.07%
No	Count	6	16	42	7	6	67	220	8	5	377
	Row %	1.59%	4.24%	11.14%	1.86%	1.59%	17.77%	58.36%	2.12%	1.33%	100.00%
	Column %	100.00%	88.89%	95.45%	100.00%	85.71%	97.10%	96.07%	100.00%	100.00%	95.93%
	Total %	1.53%	4.07%	10.69%	1.78%	1.53%	17.05%	55.98%	2.04%	1.27%	95.93%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q55 There is an informal network of prime contractors and subcontractors that has excluded my company from doing inthe private sector \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q55 There is an informal network of prime contractors and subcontractors that has excluded my company from doing inthe private sector		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
1	Count	0	3	3	1	1	6	16	0	0	30
	Row %	0.00%	10.00%	10.00%	3.33%	3.33%	20.00%	53.33%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	6.82%	14.29%	14.29%	8.70%	6.99%	0.00%	0.00%	7.63%
	Total %	0.00%	0.76%	0.76%	0.25%	0.25%	1.53%	4.07%	0.00%	0.00%	7.63%
2	Count	1	0	2	0	1	8	17	0	1	30
	Row %	3.33%	0.00%	6.67%	0.00%	3.33%	26.67%	56.67%	0.00%	3.33%	100.00%
	Column %	16.67%	0.00%	4.55%	0.00%	14.29%	11.59%	7.42%	0.00%	20.00%	7.63%
	Total %	0.25%	0.00%	0.51%	0.00%	0.25%	2.04%	4.33%	0.00%	0.25%	7.63%
3	Count	1	4	3	0	1	1	23	0	0	33
	Row %	3.03%	12.12%	9.09%	0.00%	3.03%	3.03%	69.70%	0.00%	0.00%	100.00%
	Column %	16.67%	22.22%	6.82%	0.00%	14.29%	1.45%	10.04%	0.00%	0.00%	8.40%
	Total %	0.25%	1.02%	0.76%	0.00%	0.25%	0.25%	5.85%	0.00%	0.00%	8.40%
4	Count	2	3	14	2	1	18	64	2	1	107
	Row %	1.87%	2.80%	13.08%	1.87%	0.93%	16.82%	59.81%	1.87%	0.93%	100.00%
	Column %	33.33%	16.67%	31.82%	28.57%	14.29%	26.09%	27.95%	25.00%	20.00%	27.23%
	Total %	0.51%	0.76%	3.56%	0.51%	0.25%	4.58%	16.28%	0.51%	0.25%	27.23%
5	Count	2	8	22	4	3	36	109	6	3	193
	Row %	1.04%	4.15%	11.40%	2.07%	1.55%	18.65%	56.48%	3.11%	1.55%	100.00%
	Column %	33.33%	44.44%	50.00%	57.14%	42.86%	52.17%	47.60%	75.00%	60.00%	49.11%
	Total %	0.51%	2.04%	5.60%	1.02%	0.76%	9.16%	27.74%	1.53%	0.76%	49.11%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q56 Has your company applied for a commercial business bank loan between October 1, 2006 and September 30, 2011? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q56 Has your company applied for a commercial business bank loan between October 1, 2006 and September 30, 2011?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	2	4	18	2	4	25	103	1	3	162
	Row %	1.23%	2.47%	11.11%	1.23%	2.47%	15.43%	63.58%	0.62%	1.85%	100.00%
	Column %	33.33%	22.22%	40.91%	28.57%	57.14%	36.23%	44.98%	12.50%	60.00%	41.22%
	Total %	0.51%	1.02%	4.58%	0.51%	1.02%	6.36%	26.21%	0.25%	0.76%	41.22%
No	Count	3	14	24	5	3	41	114	7	2	213
	Row %	1.41%	6.57%	11.27%	2.35%	1.41%	19.25%	53.52%	3.29%	0.94%	100.00%
	Column %	50.00%	77.78%	54.55%	71.43%	42.86%	59.42%	49.78%	87.50%	40.00%	54.20%
	Total %	0.76%	3.56%	6.11%	1.27%	0.76%	10.43%	29.01%	1.78%	0.51%	54.20%
Don't Know	Count	1	0	2	0	0	3	12	0	0	18
	Row %	5.56%	0.00%	11.11%	0.00%	0.00%	16.67%	66.67%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	4.55%	0.00%	0.00%	4.35%	5.24%	0.00%	0.00%	4.58%
	Total %	0.25%	0.00%	0.51%	0.00%	0.00%	0.76%	3.05%	0.00%	0.00%	4.58%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q57 Were you approved or denied for a commercial business bank loan? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q57 Were you approved or denied for a commercial business bank loan?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Approved	Count	2	4	14	2	4	23	98	1	2	150
	Row %	1.33%	2.67%	9.33%	1.33%	2.67%	15.33%	65.33%	0.67%	1.33%	100.00%
	Column %	33.33%	22.22%	31.82%	28.57%	57.14%	33.33%	42.79%	12.50%	40.00%	38.17%
	Total %	0.51%	1.02%	3.56%	0.51%	1.02%	5.85%	24.94%	0.25%	0.51%	38.17%
Denied	Count	0	0	4	0	0	2	6	0	1	13
	Row %	0.00%	0.00%	30.77%	0.00%	0.00%	15.38%	46.15%	0.00%	7.69%	100.00%
	Column %	0.00%	0.00%	9.09%	0.00%	0.00%	2.90%	2.62%	0.00%	20.00%	3.31%
	Total %	0.00%	0.00%	1.02%	0.00%	0.00%	0.51%	1.53%	0.00%	0.25%	3.31%
Skipped Question/Skip Pattern	Count	4	14	26	5	3	44	125	7	2	230
	Row %	1.74%	6.09%	11.30%	2.17%	1.30%	19.13%	54.35%	3.04%	0.87%	100.00%
	Column %	66.67%	77.78%	59.09%	71.43%	42.86%	63.77%	54.59%	87.50%	40.00%	58.52%
	Total %	1.02%	3.56%	6.62%	1.27%	0.76%	11.20%	31.81%	1.78%	0.51%	58.52%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q58 Which of the following do you believe was the primary reason for your being denied a loan?. \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)											
Q58 Which of the following do you believe was the primary reason for your being denied a loan?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Insufficient documentation	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Confusion about the process	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Don't Know	Count	0	0	1	0	0	0	2	0	0	3
	Row %	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.87%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.76%

Other	Count	0	0	2	0	0	2	3	0	1	8
	Row %	0.00%	0.00%	25.00%	0.00%	0.00%	25.00%	37.50%	0.00%	12.50%	100.00%
	Column %	0.00%	0.00%	4.55%	0.00%	0.00%	2.90%	1.31%	0.00%	20.00%	2.04%
	Total %	0.00%	0.00%	0.51%	0.00%	0.00%	0.51%	0.76%	0.00%	0.25%	2.04%
Skipped Question/Skip Pattern	Count	6	18	40	7	7	67	223	8	4	380
	Row %	1.58%	4.74%	10.53%	1.84%	1.84%	17.63%	58.68%	2.11%	1.05%	100.00%
	Column %	100.00%	100.00%	90.91%	100.00%	100.00%	97.10%	97.38%	100.00%	80.00%	96.69%
	Total %	1.53%	4.58%	10.18%	1.78%	1.78%	17.05%	56.74%	2.04%	1.02%	96.69%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: Q59 Which of the following do you believe was the primary reason for your being denied a loan, Specify Other? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

Q59 Which of the following do you believe was the primary reason for your being denied a loan, Specify Other?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
"I think that the banker did not believe that we could handle the loan"	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Bank offered loan to business and then rejected on the agreement of the loan.	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Credit maxed out	Count	0	0	0	0	0	0	0	0	1	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.25%
Federal Regulations	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Length of time in business	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
My credit score	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
No Response	Count	6	18	42	7	7	67	226	8	4	385
	Row %	1.56%	4.68%	10.91%	1.82%	1.82%	17.40%	58.70%	2.08%	1.04%	100.00%
	Column %	100.00%	100.00%	95.45%	100.00%	100.00%	97.10%	98.69%	100.00%	80.00%	97.96%
	Total %	1.53%	4.58%	10.69%	1.78%	1.78%	17.05%	57.51%	2.04%	1.02%	97.96%
Not enough capital at the time	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Slow receivables	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%



**Table: Q60 Have you experienced discriminatory behavior from the private sector between October 1, 2006 and September 30, 2011? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q60 Have you experienced discriminatory behavior from the private sector between October 1, 2006 and September 30, 2011?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Yes	Count	0	1	4	3	0	6	16	1	0	31
	Row %	0.00%	3.23%	12.90%	9.68%	0.00%	19.35%	51.61%	3.23%	0.00%	100.00%
	Column %	0.00%	5.56%	9.09%	42.86%	0.00%	8.82%	6.99%	12.50%	0.00%	7.91%
	Total %	0.00%	0.26%	1.02%	0.77%	0.00%	1.53%	4.08%	0.26%	0.00%	7.91%
No	Count	6	16	40	4	7	61	203	7	5	349
	Row %	1.72%	4.58%	11.46%	1.15%	2.01%	17.48%	58.17%	2.01%	1.43%	100.00%
	Column %	100.00%	88.89%	90.91%	57.14%	100.00%	89.71%	88.65%	87.50%	100.00%	89.03%
	Total %	1.53%	4.08%	10.20%	1.02%	1.79%	15.56%	51.79%	1.79%	1.28%	89.03%
Don't Know	Count	0	1	0	0	0	1	10	0	0	12
	Row %	0.00%	8.33%	0.00%	0.00%	0.00%	8.33%	83.33%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	1.47%	4.37%	0.00%	0.00%	3.06%
	Total %	0.00%	0.26%	0.00%	0.00%	0.00%	0.26%	2.55%	0.00%	0.00%	3.06%
Total	Count	6	18	44	7	7	68	229	8	5	392
	Row %	1.53%	4.59%	11.22%	1.79%	1.79%	17.35%	58.42%	2.04%	1.28%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.59%	11.22%	1.79%	1.79%	17.35%	58.42%	2.04%	1.28%	100.00%

**Table: Q61 What was the most noticeable way you became aware of the discrimination against your company? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q61 What was the most noticeable way you became aware of the discrimination against your company?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Verbal comment	Count	0	1	3	1	0	5	9	1	0	20
	Row %	0.00%	5.00%	15.00%	5.00%	0.00%	25.00%	45.00%	5.00%	0.00%	100.00%
	Column %	0.00%	5.56%	6.82%	14.29%	0.00%	7.25%	3.93%	12.50%	0.00%	5.09%
	Total %	0.00%	0.25%	0.76%	0.25%	0.00%	1.27%	2.29%	0.25%	0.00%	5.09%
Action taken against the company	Count	0	0	1	1	0	0	6	0	0	8
	Row %	0.00%	0.00%	12.50%	12.50%	0.00%	0.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	0.00%	2.62%	0.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.25%	0.25%	0.00%	0.00%	1.53%	0.00%	0.00%	2.04%
Don't Know	Count	0	0	0	1	0	2	1	0	0	4
	Row %	0.00%	0.00%	0.00%	25.00%	0.00%	50.00%	25.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	2.90%	0.44%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.51%	0.25%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	6	17	40	4	7	62	213	7	5	361
	Row %	1.66%	4.71%	11.08%	1.11%	1.94%	17.17%	59.00%	1.94%	1.39%	100.00%
	Column %	100.00%	94.44%	90.91%	57.14%	100.00%	89.86%	93.01%	87.50%	100.00%	91.86%
	Total %	1.53%	4.33%	10.18%	1.02%	1.78%	15.78%	54.20%	1.78%	1.27%	91.86%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q62 Which of the following do you consider the primary reason for your company being discriminated against? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**

		Race, Ethnicity, Gender Classification (Business Ownership Classification)									
Q62 Which of the following do you consider the primary reason for your company being discriminated against?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
Owners race or ethnicity	Count	0	1	0	0	0	2	5	0	0	8
	Row %	0.00%	12.50%	0.00%	0.00%	0.00%	25.00%	62.50%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	2.90%	2.18%	0.00%	0.00%	2.04%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.51%	1.27%	0.00%	0.00%	2.04%

Owners gender	Count	0	0	0	2	0	1	3	0	0	6
	Row %	0.00%	0.00%	0.00%	33.33%	0.00%	16.67%	50.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	28.57%	0.00%	1.45%	1.31%	0.00%	0.00%	1.53%
	Total %	0.00%	0.00%	0.00%	0.51%	0.00%	0.25%	0.76%	0.00%	0.00%	1.53%
Don't Know	Count	0	0	4	1	0	4	8	1	0	18
	Row %	0.00%	0.00%	22.22%	5.56%	0.00%	22.22%	44.44%	5.56%	0.00%	100.00%
	Column %	0.00%	0.00%	9.09%	14.29%	0.00%	5.80%	3.49%	12.50%	0.00%	4.58%
	Total %	0.00%	0.00%	1.02%	0.25%	0.00%	1.02%	2.04%	0.25%	0.00%	4.58%
Skipped Question/Skip Pattern	Count	6	17	40	4	7	62	213	7	5	361
	Row %	1.66%	4.71%	11.08%	1.11%	1.94%	17.17%	59.00%	1.94%	1.39%	100.00%
	Column %	100.00%	94.44%	90.91%	57.14%	100.00%	89.86%	93.01%	87.50%	100.00%	91.86%
	Total %	1.53%	4.33%	10.18%	1.02%	1.78%	15.78%	54.20%	1.78%	1.27%	91.86%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q63 When did the discrimination first occur? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q63 When did the discrimination first occur?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
During bidding process	Count	0	1	3	2	0	4	6	1	0	17
	Row %	0.00%	5.88%	17.65%	11.76%	0.00%	23.53%	35.29%	5.88%	0.00%	100.00%
	Column %	0.00%	5.56%	6.82%	28.57%	0.00%	5.80%	2.62%	12.50%	0.00%	4.33%
	Total %	0.00%	0.25%	0.76%	0.51%	0.00%	1.02%	1.53%	0.25%	0.00%	4.33%
After contract award	Count	0	0	1	1	0	2	7	0	0	11
	Row %	0.00%	0.00%	9.09%	9.09%	0.00%	18.18%	63.64%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	2.90%	3.06%	0.00%	0.00%	2.80%
	Total %	0.00%	0.00%	0.25%	0.25%	0.00%	0.51%	1.78%	0.00%	0.00%	2.80%
Don't Know	Count	0	0	0	0	0	1	3	0	0	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	1.31%	0.00%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.76%	0.00%	0.00%	1.02%
Skipped Question/Skip Pattern	Count	6	17	40	4	7	62	213	7	5	361
	Row %	1.66%	4.71%	11.08%	1.11%	1.94%	17.17%	59.00%	1.94%	1.39%	100.00%
	Column %	100.00%	94.44%	90.91%	57.14%	100.00%	89.86%	93.01%	87.50%	100.00%	91.86%
	Total %	1.53%	4.33%	10.18%	1.02%	1.78%	15.78%	54.20%	1.78%	1.27%	91.86%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

**Table: Q65Notes \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].**  
**Race, Ethnicity, Gender Classification (Business Ownership Classification)**

Q65Notes		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
	Count	0	0	1	0	0	0	0	1	0	2
	Row %	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.51%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.51%
"As to discrimination in private sector he said: ""They do not want me in the Good Ole Boys Club & I am offered very small jobs DOT jobs have been v"	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
1	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

ADOT is a pleasure to work with & they seem very professional & easy to get along with	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
As an engineer the prime contractors & subcontractors are actually called prime consultants & subconsultants	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
Beverly said it would be okay to call back on Q60 She wasn't sure on how to respond accurately	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Chris mentioned how the language of the indemnification clause places blame on subcontractors even if they're not at fault	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
DBE programs are nothing but discriminatory Small businesses have huge advantage over others with pricing less liability no safety less supervision	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
DOT has made it almost impossible for DBE's to get work They allow contractors to use a couple of DBE's for easy cheap work like Trucking & Flags	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Dan stated that DBE goals prevents their company from getting work	Count	0	0	0	0	0	0	0	1	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.25%
Dan states he really does not deal with ADOT The questions really does not apply to him but he completed the survey anyway	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Dave is a manager & he finished the survey started at 22	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Diana said that cost of bonding is too high Also please place business on DO NOT CALL list	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Did not have answers to Q 25 31 32 40 45 46 Email questions to nancyb@rotatingservices.com	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Females in my region don't count as minority anymore because we are doing so well in this area Discrimination is bad with ADOT for females	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Gentleman stated it was a pleasure talking to me & he was glad that we called	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Hard to get loans within last 2 years	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
He told me that there is no program for small businesses & that is the main problem that he is dealing with	Count	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%

I have done a huge amount of work with the ADOT They are a great group of people	Count	0	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
I would like to see every person & company in Alaska given the opportunity to bid on work or do work with ADOT & PF regardless of how small or large	Count	0	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
If the subcontractor could get some decent bonding & financing that would help us out	Count	0	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
Most of this company's work is handed to them by the FDOT they do not bid	Count	0	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
Moved away in 2011 Answered based on while he was in AK	Count	0	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
No Comments	Count	0	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
No additional comments	Count	0	0	0	0	0	1	2	0	0	0	3
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.87%	0.00%	0.00%	0.00%	0.76%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.51%	0.00%	0.00%	0.00%	0.76%
No comment	Count	0	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
No comments	Count	0	3	0	0	0	6	17	0	0	0	26
	Row %	0.00%	11.54%	0.00%	0.00%	0.00%	23.08%	65.38%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	16.67%	0.00%	0.00%	0.00%	8.70%	7.42%	0.00%	0.00%	0.00%	6.62%
	Total %	0.00%	0.76%	0.00%	0.00%	0.00%	1.53%	4.33%	0.00%	0.00%	0.00%	6.62%
No further comments	Count	0	1	0	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
No longer in business but active in survey timeframe	Count	0	0	0	1	0	0	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
None	Count	4	12	40	6	5	49	189	5	5	5	315
	Row %	1.27%	3.81%	12.70%	1.90%	1.59%	15.56%	60.00%	1.59%	1.59%	1.59%	100.00%
	Column %	66.67%	66.67%	90.91%	85.71%	71.43%	71.01%	82.53%	62.50%	100.00%	100.00%	80.15%
	Total %	1.02%	3.05%	10.18%	1.53%	1.27%	12.47%	48.09%	1.27%	1.27%	1.27%	80.15%
Owner has epileisy & can not use computers therefore he is unable to bid on DOT & PF projects because they are processed on the computer	Count	0	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Owner refused to give financial information	Count	0	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Owner says that they rarely if ever work on projects relating to ADOT or PF	Count	0	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%

Q18 does not apply Out of business since 2008	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Q35 discriminated against because DOT rep in area gives all jobs to his botherinlaw	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Q62 was neither & Q63 was actually both during & after	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Respondent stated that ADOTPF has gone down hill over the last six years Owner of Co is currently awaiting payment on several jobs & says it take	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Sarah says the questions are badly worded making it difficult to be sure about some answers	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
She said that the head of the company has already completed the survey	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Small company & do not have the contracts available to work with ADOT	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Susan: Disadvantage of DBE is that there are too many forms & it takes too much time The process should be streamlined at the bottom level	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
There is reverse discrimination by the DBE goals in specific areas	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Was a prime contractor only Sub contractor questions still came up Answered NA or DK to those	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Was only a prime contractor Never a sub All the sub questions came up so I said NA for all of those	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
Was prime contractor only sub contractor questions still came up	Count	0	0	0	0	1	0	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.25%
We are in a isolated community & there is only two construction company so we don't have problems with the ADOT&PF	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
We go 60 & 90 days for pay when we work for a prime contractor & that is killing our busy	Count	0	0	0	0	0	0	1	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.44%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.25%
We have not formally signed up to be small DBE company with the ADOT but we are going to do so	Count	0	1	0	0	0	0	0	0	0	1
	Row %	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	5.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%

no additional comments	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
no comments	Count	1	0	0	0	0	0	0	0	0	1
	Row %	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
	Total %	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%
respondent would like work from ADOT & just has never had communication with them or opportunity w ADOT to work	Count	0	0	0	0	0	1	0	0	0	1
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.25%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.00%	0.00%	0.00%	0.25%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

Table: In what year was your company established? \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].  
Race, Ethnicity, Gender Classification (Business Ownership Classification)

In what year was your company established?		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
1810-1900	Count	0	0	0	0	0	1	2	1	0	4
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%	50.00%	25.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	1.47%	0.88%	12.50%	0.00%	1.02%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.26%	0.51%	0.26%	0.00%	1.02%
1921-1950	Count	0	1	0	0	0	1	7	1	1	11
	Row %	0.00%	9.09%	0.00%	0.00%	0.00%	9.09%	63.64%	9.09%	9.09%	100.00%
	Column %	0.00%	5.56%	0.00%	0.00%	0.00%	1.47%	3.07%	12.50%	20.00%	2.81%
	Total %	0.00%	0.26%	0.00%	0.00%	0.00%	0.26%	1.79%	0.26%	0.26%	2.81%
1951-1980	Count	0	4	10	1	0	11	67	2	4	99
	Row %	0.00%	4.04%	10.10%	1.01%	0.00%	11.11%	67.68%	2.02%	4.04%	100.00%
	Column %	0.00%	22.22%	22.73%	14.29%	0.00%	16.18%	29.39%	25.00%	80.00%	25.32%
	Total %	0.00%	1.02%	2.56%	0.26%	0.00%	2.81%	17.14%	0.51%	1.02%	25.32%
1981-1990	Count	1	3	11	0	1	10	58	1	0	85
	Row %	1.18%	3.53%	12.94%	0.00%	1.18%	11.76%	68.24%	1.18%	0.00%	100.00%
	Column %	16.67%	16.67%	25.00%	0.00%	14.29%	14.71%	25.44%	12.50%	0.00%	21.74%
	Total %	0.26%	0.77%	2.81%	0.00%	0.26%	2.56%	14.83%	0.26%	0.00%	21.74%
1991-2000	Count	1	4	11	4	2	25	52	1	0	100
	Row %	1.00%	4.00%	11.00%	4.00%	2.00%	25.00%	52.00%	1.00%	0.00%	100.00%
	Column %	16.67%	22.22%	25.00%	57.14%	28.57%	36.76%	22.81%	12.50%	0.00%	25.58%
	Total %	0.26%	1.02%	2.81%	1.02%	0.51%	6.39%	13.30%	0.26%	0.00%	25.58%
2001-2005	Count	1	2	5	0	2	9	23	2	0	44
	Row %	2.27%	4.55%	11.36%	0.00%	4.55%	20.45%	52.27%	4.55%	0.00%	100.00%
	Column %	16.67%	11.11%	11.36%	0.00%	28.57%	13.24%	10.09%	25.00%	0.00%	11.25%
	Total %	0.26%	0.51%	1.28%	0.00%	0.51%	2.30%	5.88%	0.51%	0.00%	11.25%
2006-2011	Count	3	4	6	1	2	11	19	0	0	46
	Row %	6.52%	8.70%	13.04%	2.17%	4.35%	23.91%	41.30%	0.00%	0.00%	100.00%
	Column %	50.00%	22.22%	13.64%	14.29%	28.57%	16.18%	8.33%	0.00%	0.00%	11.76%
	Total %	0.77%	1.02%	1.53%	0.26%	0.51%	2.81%	4.86%	0.00%	0.00%	11.76%
2012	Count	0	0	1	1	0	0	0	0	0	2
	Row %	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	2.27%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%
	Total %	0.00%	0.00%	0.26%	0.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.51%
Total	Count	6	18	44	7	7	68	228	8	5	391
	Row %	1.53%	4.60%	11.25%	1.79%	1.79%	17.39%	58.31%	2.05%	1.28%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.60%	11.25%	1.79%	1.79%	17.39%	58.31%	2.05%	1.28%	100.00%

Table: M/W/DBE or Non-M/W/DBE (not based on certification) \* Race, Ethnicity, Gender Classification (Business Ownership Classification) [count, row %, column %, total %].

Race, Ethnicity, Gender Classification (Business Ownership Classification)

M/W/DBE or Non-M/W/DBE (not based on certification)		African Americans	Alaskan Natives Corporation	American Indians/Alaska Natives	Asian Indian/Pacific Islanders	Hispanic Americans	Nonminority Female	Non-M/W/DBE	Don't Know	Other	Total
M/W/DBE Firms	Count	6	18	44	7	7	69	0	0	0	151
	Row %	3.97%	11.92%	29.14%	4.64%	4.64%	45.70%	0.00%	0.00%	0.00%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	38.42%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	0.00%	0.00%	0.00%	38.42%
Non-M/W/DBE Firms	Count	0	0	0	0	0	0	229	0	0	229
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	58.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	58.27%	0.00%	0.00%	58.27%
Don't Know	Count	0	0	0	0	0	0	0	8	0	8
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	2.04%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.04%	0.00%	2.04%
Other	Count	0	0	0	0	0	0	0	0	5	5
	Row %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
	Column %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	1.27%
	Total %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.27%	1.27%
Total	Count	6	18	44	7	7	69	229	8	5	393
	Row %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%
	Column %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	Total %	1.53%	4.58%	11.20%	1.78%	1.78%	17.56%	58.27%	2.04%	1.27%	100.00%

***APPENDIX H-A:  
PERSONAL INTERVIEW GUIDE –  
PRIMES***

---



## APPENDIX H-A: ALASKA DOT&PF PERSONAL INTERVIEW GUIDE (PRIMES)

---

**READ:** *This interview will focus on the study period from fiscal years October 1, 2006 and September 30, 2011. The questions throughout this interview are designed to capture your firm's experiences doing business with, or attempts to do business with, DOT&PF as a prime contractor.*

1. Which **ONE** of the following is your company's primary line of business? (Try to get a good feel for what they do.)

1. Construction (*heavy highway construction, general contractor, carpentry, electrical, site work, HVAC, drywall, etc.*):

Specify \_\_\_\_\_

2. Construction-related AELS professional services (*architecture, engineering, structural, land development, surveying, etc.*):

Specify \_\_\_\_\_

3. Construction-related non-AELS professional services (*planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP), etc.*):

Specify \_\_\_\_\_

4. Other:

Specify \_\_\_\_\_

2. Is **more than 50 percent** of your company owned and controlled by a woman or women?

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/> Yes        | 1 |
| <input type="radio"/> No         | 2 |
| <input type="radio"/> Don't Know | 3 |

3. Is **more than 50 percent** of the company owned and controlled by one of the following racial or ethnic groups? *[Get as much detail as possible.]*

- Anglo/Caucasian/White 1
- Black or African American 2
- Asian 3
- Hispanic or Latino 4
- American Indian/Alaskan Native 5
- Alaskan Native Corporation 6
- Tribal Corporation 7
- Native Hawaiian /Other 8
- Pacific Islander Groups 9
- Other 10 Specify: \_\_\_\_\_
- Don't Know 11

4. Are you certified as: *(READ CHOICES)*

- MBE 1
- SBE 2
- WBE 3
- DBE 4
- HubZone 5
- Alaska Native Corp 6
- 8A 7
- Other 8 Specify \_\_\_\_\_

5. In what year was your business established or purchased by the most recent owner (s)?

\_\_\_\_\_

6. How many years of experience in your company's primary line of business do the primary owner(s) have?

- 0 – 5 years 1
- 6 – 10 years 2
- 11 – 15 years 3
- 16 – 20 years 4
- 20 + years 5

7. What were your company's approximate gross revenues for calendar year 2012?

\$ \_\_\_\_\_

*[If respondent does not provide an answer, read following ranges for respondent to select one.]*

- Up to \$50,000? 1
- \$50,001 to \$100,000? 2
- \$100,001 to \$300,000? 3
- \$300,001 to \$500,000? 4
- \$500,001 to \$1 million? 5
- \$1,000,001 to \$3 million? 6
- \$3,000,001 to \$5 million? 7
- \$5,000,001 to \$10 million? 8
- Over \$10 million? 9
- Don't Know 10

8. Which of the following categories best approximates your company's largest contract awarded between October 1, 2006 and September 30, 2011?

- Not applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$200,000? 4
- \$200,001 to \$300,000? 5
- \$300,001 to \$400,000? 6
- \$400,001 to \$500,000? 7
- \$500,001 to \$1 million? 8
- Over \$1 million? 9
- Don't Know 10

PERSONAL INTERVIEW GUIDE (PRIMES)

9. Have any of the following been a barrier to obtaining or successfully completing contracts for DOT&PF?

	Yes (1)	No (2)
Prequalification requirements (1)	<input type="radio"/>	<input type="radio"/>
Bid bond requirement (2)	<input type="radio"/>	<input type="radio"/>
Performance/payment bond requirement (3)	<input type="radio"/>	<input type="radio"/>
Cost to prepare a bid, proposal, or quote(4)	<input type="radio"/>	<input type="radio"/>
Financing (5)	<input type="radio"/>	<input type="radio"/>
Cost of insurance (general liability, professional liability, etc.) (6)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials (7)	<input type="radio"/>	<input type="radio"/>
Proposal/Bid specifications (8)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare bid or quote (9)	<input type="radio"/>	<input type="radio"/>
Limited knowledge of purchasing contracting policies and procedures (10)	<input type="radio"/>	<input type="radio"/>
Lack of experience (11)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (12)	<input type="radio"/>	<input type="radio"/>
Contracts too large (13)	<input type="radio"/>	<input type="radio"/>
Selection process (14)	<input type="radio"/>	<input type="radio"/>
Unnecessary restrictive contract specifications (15)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (16)	<input type="radio"/>	<input type="radio"/>
Competing with large companies (17)	<input type="radio"/>	<input type="radio"/>

10. Has any DOT&PF staff made attempts to encourage you to respond to bid solicitations?

- Yes 1
- No 2

10a. If yes, please describe their outreach efforts.

---

10b. Please indicate any outreach efforts you would like to see implemented.

---

11. Have you been awarded a contract with DOT&PF as a prime contractor?

- Yes 1
- No 2

**SKIP – if respondent answers NO, then skip to Question 12.**

11. How many times have you been awarded a contract with DOT&PF?

- 1-10 times 1
- 11-25 times 2
- 26-50 times 3
- 51-100 times 4
- Over 100 times 5

12. Do you feel DOT&PF has ever treated your company unfairly in the bidding or contract award process?

- Yes 1
- No 2

12a. If yes, please provide as much detail as possible.

---

13. Have you ever protested a bid or contract awarded by DOT&PF?

- Yes 1
- No 2

13a. If yes, please provide as much detail as possible.

---

14. What do you think would be the effect of your filing a complaint regarding a contract award or protesting a bid with DOT&PF?

---

15. Do you bid or work as a subcontractor on DOT&PF projects?

- Yes 1
- No 2

16. How can DOT&PF improve the procurement and/or selection process, if applicable?

---

17. Just to confirm, is your firm is a certified DBE?

- Yes 1
- No 2

**SKIP – Confirm Q4 above. If respondent answers NO, then skip to Question 20**

17a. If yes, are you a certified DBE:

- Prime 1
- Subcontractor 2
- Both 3

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

---

19. Has your status as a DBE business facilitated your ability to win DOT&PF contracts?

- Yes 1
- No 2

19a. If yes, how has your DBE status helped you get work?

---

20. Since you are not a certified DBE, what are your reasons for not being certified?

---

21. In what ways could DOT&PF's DBE program be improved?

---

22. Do you feel there is an informal network of prime contractors that has excluded your company from doing business in the private sector?

- Yes 1
- No 2

22a. If yes, do you feel the informal network has an effect upon you winning contracts?

- Yes 1
- No 2

23. Do you feel your race or gender has an impact in your ability to win contracts with DOT&PF?

	Yes (1)	No (2)
a. Race/ethnicity	<input type="radio"/>	<input type="radio"/>
b. Gender	<input type="radio"/>	<input type="radio"/>
c. Both	<input type="radio"/>	<input type="radio"/>

23a. If yes, explain why.

---

24. Do you feel your race or gender has been a factor in your business relationships with other public sectors or the private sector in Alaska?

	Yes (1)	No (2)
a. Race/ethnicity	<input type="radio"/>	<input type="radio"/>
b. Gender	<input type="radio"/>	<input type="radio"/>
c. Both	<input type="radio"/>	<input type="radio"/>

24a. If yes, explain why. \_\_\_\_\_

25. Has the WBE waiver prevented your firm from meeting DBE project goals?

- Yes 1
- No 2

25a. If so, why?

\_\_\_\_\_

26. Do you think DBEs face challenges not faced by non-DBE firms?

- Yes 1
- No 2

26a. If so, what? \_\_\_\_\_

27. Have you experienced access to capital as being an impediment to securing DOT&PF contracts?

- Yes 1
- No 2

27a. If yes, describe how? \_\_\_\_\_

28. Have experienced bonding as being an impediment to obtaining DOT&PF contract (if applicable)?

- Yes 1
- No 2

28a. If yes, describe how? \_\_\_\_\_

29. Is there anything that we have not covered that you feel will be helpful to this study?

- Yes 1
- No 2

29a. If yes, please explain.

\_\_\_\_\_



**AFFIDAVIT**

\_\_\_\_\_ (interviewee) HEREBY ACKNOWLEDGE  
THAT THE TESTIMONY I GAVE IS TRUE AND AN ACCURATE REFLECTION OF MY PAST  
EXPERIENCES IN PROCUREMENT AND BUSINESS OPPORTUNITIES WITH THE ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (DOT&PF).

ADDITIONALLY, THIS TESTIMONY WAS GIVEN FREELY AND I HAVE NOT BEEN COERCED OR  
RECEIVED ANY REMUNERATION FOR MY COMMENTS.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF INTERVIEWER AS WITNESS

\_\_\_\_\_  
DATE

***APPENDIX H-B:  
PERSONAL INTERVIEW GUIDE –  
SUBCONTRACTORS***

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## APPENDIX H-B: ALASKA DOT&PF PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

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READ: This interview will focus on the study period from fiscal years October 1, 2006 and September 30, 2011. The questions throughout this interview are designed to capture your firm's experiences doing business, or attempts to do business, as a subcontractor on DOT&PF projects.

1. Which **ONE** of the following is your company's primary line of business? (Try to get a good feel for what they do.)

1. Construction (*heavy construction, general contractor, carpentry, electrical, site work, HVAC, drywall, etc.*):

Specify \_\_\_\_\_

2. Construction-related AELS professional services (*architecture, engineering, structural, land development, surveying*):

Specify \_\_\_\_\_

3. Construction-related non-AELS professional services (*planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP)*):

Specify \_\_\_\_\_

4. Other:

Specify \_\_\_\_\_

2. Is **more than 50 percent** of your company owned and controlled by a woman or women?

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

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

3. Is **more than 50 percent** of the company owned and controlled by one of the following racial or ethnic groups? *[Get as much detail as possible.]*

- Anglo/Caucasian/White 1
- Black or African American 2
- Asian 3
- Hispanic or Latino 4
- American Indian/Alaskan Native 5
- Alaskan Native Corporation 6
- Tribal Corporation 7
- Native Hawaiian /Other 8
- Pacific Islander Groups 9
- Other 10 Specify: \_\_\_\_\_
- Don't Know 11

4. Are you certified as: *(READ CHOICES)*

- MBE 1
- SBE 2
- WBE 3
- DBE 4
- HubZone 5
- Alaska Native Corp 6
- 8A 7
- Other 8 Specify \_\_\_\_\_

5. In what year was your business established or purchased by the most recent owner?

\_\_\_\_\_

6. How many years of experience in your company's primary line of business do the primary owner have?

- 0 – 5 years 1
- 6 – 10 years 2
- 11 – 15 years 3
- 16 – 20 years 4
- 20 + years 5

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

7. What were your company's approximate gross revenues for calendar year 2012?

\$ \_\_\_\_\_

*[If respondent does not provide an answer, read following ranges for respondent to select one.]*

- Up to \$50,000? 1
- \$50,001 to \$100,000? 2
- \$100,001 to \$300,000? 3
- \$300,001 to \$500,000? 4
- \$500,001 to \$1 million? 5
- \$1,000,001 to \$3 million? 6
- \$3,000,001 to \$5 million? 7
- \$5,000,001 to \$10 million? 8
- Over \$10 million? 9
- Don't Know 10

8. Which of the following categories best approximates your company's largest subcontract awarded between October 1, 2006 and September 30, 2011?

- Not applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$200,000? 4
- \$200,001 to \$300,000? 5
- \$300,001 to \$400,000? 6
- \$400,001 to \$500,000? 7
- \$500,001 to \$1 million? 8
- Over \$1 million? 9
- Don't Know 10

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

9. Have any of the following been a barrier to obtaining or successfully completing subcontracts on DOT&PF projects?

	Yes (1)	No (2)
Performance/payment bond requirement (1)	<input type="radio"/>	<input type="radio"/>
Cost to prepare a bid, proposal, or quote (2)	<input type="radio"/>	<input type="radio"/>
Financing (3)	<input type="radio"/>	<input type="radio"/>
Cost of insurance (general liability, professional liability, etc.) (4)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials (5)	<input type="radio"/>	<input type="radio"/>
Restrictive bid specifications (6)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare a bid or quote (7)	<input type="radio"/>	<input type="radio"/>
Lack of experience (8)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (9)	<input type="radio"/>	<input type="radio"/>
Subcontracts too large (10)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (11)	<input type="radio"/>	<input type="radio"/>
Competing with large subcontractors (12)	<input type="radio"/>	<input type="radio"/>

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

10. Have you ever provided a bid, or attempted to work, as a prime contractor with DOT&PF?

- Yes 1
- No 2

11. Has any DOT&PF staff made attempts to encourage you to bid on DOT&PF projects?

- Yes 1
- No 2

11a. If yes, please describe their outreach efforts.

---

11b. Please indicate any outreach efforts you would like to see implemented.

---

12. Have you ever been awarded a subcontract on DOT&PF projects?

- Yes 1
- No 2

**SKIP - If respondent answers NO, then skip to Question 15**

13. How many times have you been awarded a subcontract on DOT&PF projects?

- 1-10 times 1
- 11-25 times 2
- 26-50 times 3
- 51-100 times 4
- Over 100 times 5

14. Do you feel your company has ever been treated unfairly by a prime contractor on DOT&PF projects?

- Yes 1
- No 2

14a. If yes, please provide as much detail as possible.

---

## PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

15. Have you ever been informed that you were low bidder or awarded a subcontract, and then found out that another subcontractor was performing the work?

- Yes 1
- No 2

15a. If yes, explain.

---

15b. Was the other subcontractor a nonminority male- or nonminority woman-owned firm?

- Yes 1
- No 2

15c. What action did you take?

---

16. Do prime contractors show favoritism toward particular subcontractors when it comes to procuring services and products for DOT&PF projects?

- Yes 1
- No 2

17. Just to confirm, is your firm is a certified DBE?

- Yes 1
- No 2

**SKIP – Confirm Q4 above. If respondent answers NO, then skip to Question 20**

17a. If yes, are you a certified DBE:

- Prime 1
- Subcontractor 2
- Both 3

18. In your opinion, what are the biggest obstacles faced by DBE businesses in securing subcontracts on DOT&PF projects?

---



PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

19. Has your status as a DBE facilitated your ability to win subcontracts on DOT&PF projects?

- Yes 1
- No 2

19a. If yes, how has your DBE status helped you win subcontracts?

---

20. Since you are not a certified DBE, what are your reasons for not being certified?

---

21. Has the WBE waiver impacted your ability to win subcontracts with primes on DOT&PF projects?

- Yes 1
- No 2

21a. If so, explain how you have been impacted?

---

22. Do you feel there is an informal network of subcontractors that has excluded your company from doing business in the private sector?

- Yes 1
- No 2

22a. If yes, do you feel the informal network has an effect upon you winning subcontracts?

- Yes 1
- No 2

23. How could DOT&PF's DBE program be improved?

---

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

24. Do you feel your race or gender has had an impact in your ability to win subcontracts on DOT&PF projects?

	Yes (1)	No (2)
a. Race/ethnicity	<input type="radio"/>	<input type="radio"/>
b. Gender	<input type="radio"/>	<input type="radio"/>
c. Both	<input type="radio"/>	<input type="radio"/>

24a. If yes, explain why.

---

25. Do you feel your race or gender has been a factor in your ability to win subcontracts on other public sectors or the private sector projects in Alaska?

	Yes (1)	No (2)
a. Race/ethnicity	<input type="radio"/>	<input type="radio"/>
b. Gender	<input type="radio"/>	<input type="radio"/>
c. Both	<input type="radio"/>	<input type="radio"/>

25a. If yes, explain why.

---

26. Do you think DBEs face challenges not faced by non-DBE firms?

- Yes 1
- No 2

26a. If so, what? \_\_\_\_\_

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

27. Has the WBE waiver prevented your firm from working on DOT&PF projects?

- Yes 1
- No 2

27a. If so, why?

---

28. Are you aware of or have experienced practices that prime contractors use to avoid meeting DBE goals on DOT&PF projects?

- Yes 1
- No 2

28a. If yes, please describe.

---

28b. Has your firm been impacted by these practices?

- Yes 1
- No 2

29. Has your firm been utilized on DOT&PF projects as a subcontractor when there were no DBE goals.

- Yes 1
- No 2

29a. If no, why have you not?

---

30. Have you experienced a situation where a prime contractor only uses DBE firms that are owned by nonminority men or nonminority women?

- Yes 1
- No 2

31. Have you experienced access to capital as being an impediment to securing subcontracts on DOT&PF projects?

- Yes 1
- No 2

31a. If yes, describe how? \_\_\_\_\_

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

**32.** Have you experienced bonding as being an impediment to obtaining subcontracts on DOT&PF projects (*if applicable*)?

- Yes 1
- No 2

**32a.** If yes, describe how? \_\_\_\_\_

**33.** Is there anything that we have not covered that you feel will be helpful to this study?

- Yes 1
- No 2

**33a.** If yes, please explain.

\_\_\_\_\_

PERSONAL INTERVIEW GUIDE (SUBCONTRACTORS)

AFFIDAVIT

\_\_\_\_\_ (interviewee) HEREBY ACKNOWLEDGE  
THAT THE TESTIMONY I GAVE IS TRUE AND AN ACCURATE REFLECTION OF MY PAST  
EXPERIENCES IN PROCUREMENT AND BUSINESS OPPORTUNITIES WITH THE ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (DOT&PF).

ADDITIONALLY, THIS TESTIMONY WAS GIVEN FREELY AND I HAVE NOT BEEN COERCED OR  
RECEIVED ANY REMUNERATION FOR MY COMMENTS.

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF INTERVIEWER AS WITNESS

\_\_\_\_\_  
DATE

***APPENDIX I-A:  
FOCUS GROUP GUIDE – PRIMES***

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## APPENDIX I-A: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DISPARITY STUDY FOCUS GROUP GUIDE PRIME CONTRACTORS

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Hello and thank you for coming to this focus group to provide input that will be used as a part of a disparity study of the Alaska DOT&PF's procurement of construction, construction-related AELS professional services, and construction-related non-AELS professional services.

My name is \_\_\_\_\_ and I am with MGT of America, Inc. We have been asked to gather opinions from prime contractor about the business climate with Alaska DOT&PF. We are looking to obtain information on your experiences when doing business or attempting to do business with DOT&PF.

We will begin with introductions. Why don't you start and we will work around the 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.

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. Responses to the questionnaire you completed will be held in strict confidence, and will not be distributed to any other firm or person with your firm's identity revealed. However, in the case of a court order, all documentation may be turned over to the court.

### The Process

The recordings and notes of the focus group will only be reviewed by Donaldson Enterprises and MGT staff. We will use the information to summarize the discussions that took place during this focus group. Individual names will not be identified nor will remarks or comments be attributed to a specific individual. Once all of the analyses for the focus group are completed, the results will be aggregated and incorporated with other data from this phase of the study. These findings will be used in reviewing the DOT&PF's procurement practices and their procurement environment. 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).**

**This can be noted on the sign-in sheet.**

**B. Key Point 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.
  - Remind participants to respect the experiences and opinions of others.
  - Inform participants to be specific about dates, projects, staff, etc.
- ◆ Stress that the intent is to focus on issues related to construction, construction related AELS professional services and construction related non-AELS, professional services contracting and the business climate with DOT&PF.
- ◆ Individuals and participants will not be identified by name when providing feedback and findings to DOT&PF staff.

**C. Facilitation Logistics**

- ◆ **Facilitators:** The facilitator has primary responsibility for working with the group to solicit responses to questions.
- ◆ **Facilitation Time:** Approximately 2 hours.
- ◆ **Major Issues** will be recorded by tape recorder (if there are no objections), personal notes, and flipchart pages.
- ◆ **Date, Time, and Location:** March 12, 2013, 4:30 – 6:30 pm AGC Conference Rd 8005 Schoon Street, Anchorage, AK.
- ◆ **Materials Needed:**
  1. Focus Group Guide (attached)
  2. List of Participants (sign-in sheet to be provided)
  3. Focus Group Surveys
  4. Agenda
  5. Audio Recorder



**D. Scope**

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

**E. Discussion Questions**

1. Please discuss how you get information about DOT&PF's procurement opportunities (such as, DOT&PF's website, private bid notification websites, networking/word-of-mouth, etc). Is this information helpful?
2. If you have been awarded a contract with DOT&PF, on a scale from 1 to 5 (*1 being Extremely Negative to 5 being Extremely Positive*), rate your experience in doing business with DOT&PF as a prime contractor.
  - *Be sure that the responses identify their experience (such as the name of the project, type of project, type of contractor (prime, subcontractor) etc.). Also, be sure that the respondent explains the reason for his/her rating.*
3. If you have not been awarded a contract with DOT&PF, please discuss why you feel you have not.
  - *Be sure to ask if they submit bids or proposal on contracts*
4. What do you feel most interferes with your ability to do business with DOT&PF (*barriers of doing business, such as prequalification, licensing, financing, bond requirements, etc.*)?
5. On a scale from 1 to 5 (*1 being Extremely Negative to 5 being Extremely Positive*), rate your experience in contracting with other local public sectors or the private sector entities.
  - *Be sure that the responses identify their experience (such as the name of the entity, type of project, etc.). Also, be sure that the respondent explains the reason for his/her rating.*
6. What do you feel most interferes with your ability to do business in the private sector (*barriers to doing business, such as licensing, good old boy network, financing, etc.*)?
7. Do you feel there is an informal network of prime contractors that has excluded your company from doing business in the private sector?
8. Please compare your experience in winning private sector contracts with winning contracts on DOT&PF projects.
9. Have you observed a situation in which a prime contractor includes DBE 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?
10. Please discuss your understanding of the Disadvantaged Business Enterprise (DBE) program. Do you feel the opportunities and services provided by the DOT&PF through this program are helpful? Please explain.
  - How effective is the DBE program in winning contracts?

11. How could the DOT&PF improve its procurement practices to enable more businesses to win DOT&PF contracts?
12. What are some of the successes or barriers you face when trying to meet the DBE goal? (*barriers could be nonresponsiveness, bids to high/low, front companies, and qualification of DBE firms*)?
13. Do you generally hire DBEs that you have worked with you before?
14. In the past three years, what percentage of income generated through contracts have come from DOT&PF projects? General Contractors? Service Providers? Other Public Entities? From your own networks?
15. *For DBE primes*, What would be some of the consequences to your business if the DBE program was terminated? Explain.
16. What business assistance services provided by DOT&PF have you used? Did you find them helpful? Please explain.
17. Within the overall DBE community, do you feel that there is a preference for any particular groups?

***APPENDIX I-B:  
FOCUS GROUP GUIDE –  
SUBCONTRACTORS***

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## APPENDIX I-B: ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DISPARITY STUDY FOCUS GROUP GUIDE SUBCONTRACTORS

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Hello and thank you for coming to this focus group to provide input that will be used as a part of a disparity study of the Alaska DOT&PF's procurement of construction, construction-related AELS professional services, and construction-related non-AELS professional services.

My name is \_\_\_\_\_ and I am with MGT of America, Inc. We have been asked to gather opinions from subcontractor about the business climate with Alaska DOT&PF. We are looking to obtain information on your experiences when doing business or attempting to do business with DOT&PF.

We will begin with introductions. Why don't you start and we will work around the 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.

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. Responses to the questionnaire you completed will be held in strict confidence, and will not be distributed to any other firm or person with your firm's identity revealed. However, in the case of a court order, all documentation may be turned over to the court.

### The Process

The recordings and notes of the focus group will only be reviewed by Donaldson Enterprises and MGT staff. We will use the information to summarize the discussions that took place during this focus group. Individual names will not be identified nor will remarks or comments be attributed to a specific individual. Once all of the analyses for the focus group are completed, the results will be aggregated and incorporated with other data from this phase of the study. These findings will be used in reviewing the DOT&PF's procurement practices and their procurement environment. 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).**

**This can be noted on the sign-in sheet.**

**B. Key Point 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.
  - Remind participants to respect the experiences and opinions of others.
  - Inform participants to be specific about dates, projects, staff, etc.
- ◆ Stress that the intent is to focus on issues related to construction, construction related AELS professional services and construction related non-AELS, professional services contracting and the business climate with DOT&PF.
- ◆ Individuals and participants will not be identified by name when providing feedback and findings to DOT&PF staff.

**C. Facilitation Logistics**

- ◆ **Facilitators:** The facilitator has primary responsibility for working with the group to solicit responses to questions.
- ◆ **Facilitation Time:** Approximately 2 hours.
- ◆ **Major Issues** will be recorded by tape recorder (if there are no objections), personal notes, and flipchart pages.
- ◆ **Date, Time, and Location:** Anchorage Public Library, 3600 Denali Street, Friday, March 15, 2013 at 6:00 pm.
- ◆ **Materials Needed:**
  1. Focus Group Guide (attached)
  2. List of Participants (sign-in sheet to be provided)
  3. Focus Group Surveys
  4. Agenda
  5. Audio Recorder

**D. Scope**

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

**E. Discussion Questions**

1. Please discuss how you get information about DOT&PF's procurement opportunities (such as, DOT&PF's website, bid notification websites, networking/word-of-mouth, etc). Is this information helpful?
2. On a scale from 1 to 5 (*1 being Extremely Negative to 5 being Extremely Positive*), rate your experience in doing business as a subcontractor for a prime contractor on a DOT&PF project.
  - *Be sure that the responses identify whether they are referring to a subcontractor also request specifics about the project (project name, type of project, time period of project). Also, be sure that the respondent explains the reason for his/her rating*
3. If you have not been awarded a subcontract on DOT&PF projects, please discuss why you feel you have not.
  - *Be sure to ask if they submit bids or proposal on contracts*
4. What do you feel most interferes with your ability to do business on DOT&PF projects (*barriers of doing business, such as prequalification, licensing, financing, bond requirements, etc.*)?
5. Do you feel there is an informal network of prime contractors and subcontractors that has excluded your company from doing business in the private sector?
6. On a scale from 1 to 5 (*1 being Extremely Negative to 5 being Extremely Positive*), rate your experience in contracting with other local public sectors or the private sector entities.
  - *Be sure that the responses identify their experience (such as the name of the entity, type of project, etc.). Also, be sure that the respondent explains the reason for his/her rating.*
7. What do you feel most interferes with your ability to do business in the private sector (*barriers to doing business, such as licensing, good old boy network, financing, etc.*)?.
8. Do you routinely get solicitations on private sector projects from the same contractors or number of contractors that you get on DOT&PF projects with DBE goals?
9. Have you observed a situation in which a prime contractor includes DBE 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?
10. Please discuss your understanding of the Disadvantaged Business Enterprise (DBE) program. Do you feel the opportunities and services provided by the DOT&PF through this program are helpful? Please explain.
  - How effective is the DBE program in winning subcontracts?

11. How could the DOT&PF improve its procurement practices to enable more opportunities for subcontractors on DOT&PF projects?
12. What are some of the successes or barriers you face when trying to respond to request for bids for DOT&PF projects? (*barriers could be length of time to bid, bids are shopped, front companies, etc.*)?  
  
→ *Be sure to ask if they submit bids or proposal on contracts.*
13. In the past three years, what percentage of income generated through contracts have come from DOT&PF projects? General Contractors? Service Providers? Other Public Entities? From your own networks?
14. What would be some of the consequences to your business if the DBE program was terminated? Explain.
15. What business assistance services provided by DOT&PF have you used? Did you find them helpful? Please explain.
16. Within the overall DBE community, do you feel that there is a preference for any particular groups?

***APPENDIX J-A:  
FOCUS GROUP SURVEY – PRIMES***

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## APPENDIX J-A: ALASKA DOT&PF FOCUS GROUP SURVEY PRIME CONTRACTORS

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**Q1. Which *ONE* of the following is your company's primary line of business?**

1. Construction (*heavy construction, general contractor, carpentry, electrical, site work, HVAC, drywall, etc.*):

Specify \_\_\_\_\_

2. Construction-related AELS professional services (*architecture, engineering, structural, land development, surveying*):

Specify \_\_\_\_\_

3. Construction-related non-AELS professional services (*planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP)*):

Specify \_\_\_\_\_

4. Other:

Specify \_\_\_\_\_

**Q2. Is more than 50% of your company owned and controlled by a woman or women?**

- Yes            1  
 No                2  
 Don't Know    3

**Q3. Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups?**

- Anglo/Caucasian/White            1  
 Black or African American        2  
 Asian                                    3  
 Hispanic or Latino                    4  
 American Indian/Alaskan Native   5  
 Native Hawaiian/Other            6  
 Pacific Islander Group              7  
 No Response/Don't Know          8  
 Other                                    9 Specify: \_\_\_\_\_

**Q4. In your company's business line how many years of experience does the primary owner(s) of your firm have?**

- 0 – 5 years            1
- 6 – 10 years            2
- 11 – 15 years            3
- 16 – 20 years            4
- 20 + years            5

**Q5. Excluding yourself, on average, how many employees does your company keep on the payroll, including full-time and part-time staff?**

- 0 - 10            1
- 11 - 20            2
- 21 - 30            3
- 31 - 40            4
- 41+            5

**Q6. Which of the following categories best approximates your company's gross revenues for calendar year 2011?**

- Up to \$50,000?            1
- \$50,001 to \$100,000?            2
- \$100,001 to \$300,000?            3
- \$300,001 to \$500,000?            4
- \$500,001 to \$1 million?            5
- \$1,000,001 to \$3 million?            6
- \$3,000,001 to \$5 million?            7
- \$5,000,001 to \$10 million?            8
- Over \$10 million?            9
- Don't Know            10

**Q7. The following list of factors may prevent companies from bidding or obtaining work on a project. In your experience, have any of the following been a barrier to obtaining work on projects as a prime contractor on projects for Alaska DOT&PF:**

[REQUIRE ANSWER TO EACH OF THE FOLLOWING]

	Yes (1)	No (2)
Prequalification requirements (1)	<input type="radio"/>	<input type="radio"/>
Bid bond requirement (2)	<input type="radio"/>	<input type="radio"/>
Performance/payment bond requirement (3)	<input type="radio"/>	<input type="radio"/>
Cost of bidding/proposing (4)	<input type="radio"/>	<input type="radio"/>
Financing (5)	<input type="radio"/>	<input type="radio"/>
Insurance (general liability, professional liability, etc.) (6)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials	<input type="radio"/>	<input type="radio"/>
Proposal/Bid specifications (7)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare bid package or quote (8)	<input type="radio"/>	<input type="radio"/>
Limited knowledge of purchasing contracting policies and procedures (9)	<input type="radio"/>	<input type="radio"/>
Lack of experience (10)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (11)	<input type="radio"/>	<input type="radio"/>
Contract too large (12)	<input type="radio"/>	<input type="radio"/>
Selection process (13)	<input type="radio"/>	<input type="radio"/>
Unnecessary restrictive contract specifications (14)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (15)	<input type="radio"/>	<input type="radio"/>
Competing with large companies (16)	<input type="radio"/>	<input type="radio"/>

**Q8. Is your company certified business as a Disadvantaged Business Enterprise (DBE)?**

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

**Q9. Please indicate the extent to which you agree that between October 1, 2006 and September 30, 2011, your company experienced discrimination from Alaska DOT&PF due to the race, ethnicity, or gender of the company's owner(s)?**

- Strongly Agree 1
- Somewhat Agree 2
- Neither Agree Nor Disagree 3
- Somewhat Disagree 4
- Strongly Disagree 5

**Q10. Between October 1, 2006 and September 30, 2011, has your company applied, been approved, or denied for any of the following items?**

		Applied		Approved or Denied			Denial Category					
		Yes <sup>1</sup>	No <sup>2</sup>	Approved <sup>1</sup>	Denied <sup>2</sup>	N/A <sup>9</sup>	ID	IBH	C	RE	G	O
a.	Business start-up loan?	___	___	___	___	___	___	___	___	___	___	___
b.	Operating capital loan?	___	___	___	___	___	___	___	___	___	___	___
c.	Performance bond?	___	___	___	___	___	___	___	___	___	___	___
d.	Bid bond?	___	___	___	___	___	___	___	___	___	___	___
e.	Equipment loan?	___	___	___	___	___	___	___	___	___	___	___
f.	Commercial liability insurance?	___	___	___	___	___	___	___	___	___	___	___
g.	Professional liability insurance?	___	___	___	___	___	___	___	___	___	___	___

**Denial Category**  
**(ID)- Insufficient Documentation**  
**(IBH)- Insufficient Business History**  
**(C)- Confusion about Process**  
**(RE)- Race or Ethnic Origin**  
**(G)- Gender of Owner**  
**(O)- Other, please specify**

**Q11. Please indicate your level of agreement or disagreement, on a scale of 1 to 5 where 1 represents “Strongly Agree” and 5 represents “Strongly Disagree” with each of the following statements. Please respond based on doing business or attempting to do business with AK DOTPF.**

Response		Strongly Agree <sup>1</sup>	Agree <sup>2</sup>	Neither <sup>3</sup>	Disagree <sup>4</sup>	Strongly Disagree <sup>5</sup>	DK <sup>9</sup>
a	Double standards in qualification and performance make it more difficult for minority, women, and disadvantaged-owned businesses to win bids or contracts.	_____	_____	_____	_____	_____	_____
b	Sometimes, prime contractors/businesses will include a minority, women or disadvantaged subcontractor on a bid to meet the “good faith effort” requirement, and then drop the company as a subcontractor after winning the award.	_____	_____	_____	_____	_____	_____
c	In general, minority, women and disadvantaged -owned businesses tend to be viewed by the general public as less competent than non-minority male businesses.	_____	_____	_____	_____	_____	_____
d	Some non-minority (male) prime contractors/businesses change their bidding procedures when they are not required to hire minority-, women and disadvantaged-owned businesses as subcontractor.	_____	_____	_____	_____	_____	_____
e	The time and resources required to respond to a request for proposal process is lengthy and costly.	_____	_____	_____	_____	_____	_____
f	A non-minority (male) business will hire affiliate companies to circumvent GFE outreach and contracting with legitimate minority, women, and disadvantaged-owned businesses as subcontractors.	_____	_____	_____	_____	_____	_____
g	My firm usually receives unequal price quotes from suppliers as compared to my non-minority competitors.	_____	_____	_____	_____	_____	_____

\* DK-Don't know

**Q12. Which of the following categories best approximates your company's largest prime contract awarded between October 1, 2006 and September 30, 2011?**

- Not applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$300,000? 4
- \$300,001 to \$500,000? 5
- \$500,001 to \$1 million? 6
- \$1,000,001 to \$3 million? 7
- \$3,000,001 to \$5 million? 8
- \$5,000,001 to \$10 million? 9
- Over \$10 million? 10
- Don't Know 11

**Q13. Which of the following categories best approximates your company's largest subcontract awarded between October 1, 2006 and September 30, 2011?**

- Not applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$200,000? 4
- \$200,001 to \$300,000? 5
- \$300,001 to \$400,000? 6
- \$400,001 to \$500,000? 7
- \$500,001 to \$1 million? 8
- Over \$1 million? 9
- Don't Know 10

**Q14. Are you required to have bonding for the type of work your company bids?**

- Yes            1
- No                2

**Q14a.** If yes, what is your current aggregate bonding limit?

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

**Q14b.** What is your current single project bonding limit?

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

**Please provide your contact information just in case we have any further questions?**

Company Name:	
Contact Person:	
Contact Person Title:	
Company Address:	
Company Phone Number:	

**Thank you for your valuable comments.**

***APPENDIX J-B:  
FOCUS GROUP SURVEY –  
SUBCONTRACTORS***

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## APPENDIX J-B: ALASKA DOT&PF FOCUS GROUP SURVEY SUBCONTRACTORS

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**Q1. Which ONE of the following is your company's primary line of business?**

1. Construction (*heavy construction, general contractor, carpentry, electrical, site work, HVAC, drywall, etc.*):

Specify \_\_\_\_\_

2. Construction-related AELS professional services (*architecture, engineering, structural, land development, surveying*):

Specify \_\_\_\_\_

3. Construction-related non-AELS professional services (*planning, environmental, traffic data collection, right-of-way, storm water pollution prevention plans (SWPPP)*):

Specify \_\_\_\_\_

4. Other:

Specify \_\_\_\_\_

**Q2. Is more than 50% of your company owned and controlled by a woman or women?**

- Yes            1  
 No                2  
 Don't Know    3

**Q3. Is more than 50% of the company owned and controlled by one of the following racial or ethnic groups?**

- Anglo/Caucasian/White            1  
 Black or African American        2  
 Asian                                    3  
 Hispanic or Latino                    4  
 American Indian/Alaskan Native   5  
 Native Hawaiian/Other              6  
 Pacific Islander Group               7  
 No Response/Don't Know            8  
 Other                                    9 Specify: \_\_\_\_\_

**Q4. In your company’s business line how many years of experience does the primary owner(s) of your firm have?**

- 0 – 5 years            1
- 6 – 10 years           2
- 11 – 15 years          3
- 16 – 20 years          4
- 20 + years              5

**Q5. Excluding yourself, on average, how many employees does your company keep on the payroll, including full-time and part-time staff?**

- 0 - 10            1
- 11 - 20          2
- 21 - 30          3
- 31 - 40          4
- 41+              5

**Q6. Which of the following categories best approximates your company’s gross revenues for calendar year 2011?**

- Up to \$50,000?                    1
- \$50,001 to \$100,000?            2
- \$100,001 to \$300,000?           3
- \$300,001 to \$500,000?           4
- \$500,001 to \$1 million?           5
- \$1,000,001 to \$3 million?        6
- \$3,000,001 to \$5 million?        7
- \$5,000,001 to \$10 million?       8
- Over \$10 million?                  9
- Don’t Know                            10

FOCUS GROUP SURVEY – SUBCONTRACTORS

**Q7. The following list of factors may prevent companies from bidding or obtaining work on a project. In your experience, have any of the following been a barrier to obtaining work on projects as a subcontractor on projects for Alaska DOT&PF:**

[REQUIRE ANSWER TO EACH OF THE FOLLOWING]

	Yes (1)	No (2)
Prequalification requirements (1)	<input type="radio"/>	<input type="radio"/>
Bid bond requirement (2)	<input type="radio"/>	<input type="radio"/>
Performance/payment bond requirement (3)	<input type="radio"/>	<input type="radio"/>
Cost of bidding/proposing (4)	<input type="radio"/>	<input type="radio"/>
Financing (5)	<input type="radio"/>	<input type="radio"/>
Insurance (general liability, professional liability, etc.) (6)	<input type="radio"/>	<input type="radio"/>
Price of supplies/materials	<input type="radio"/>	<input type="radio"/>
Proposal/Bid specifications (7)	<input type="radio"/>	<input type="radio"/>
Limited time given to prepare bid package or quote (8)	<input type="radio"/>	<input type="radio"/>
Limited knowledge of purchasing contracting policies and procedures (9)	<input type="radio"/>	<input type="radio"/>
Lack of experience (10)	<input type="radio"/>	<input type="radio"/>
Lack of personnel (11)	<input type="radio"/>	<input type="radio"/>
Contract too large (12)	<input type="radio"/>	<input type="radio"/>
Selection process (13)	<input type="radio"/>	<input type="radio"/>
Unnecessary restrictive contract specifications (14)	<input type="radio"/>	<input type="radio"/>
Slow payment or nonpayment (15)	<input type="radio"/>	<input type="radio"/>
Competing with large companies (16)	<input type="radio"/>	<input type="radio"/>

FOCUS GROUP SURVEY – SUBCONTRACTORS

**Q8. Is your company certified business as a Disadvantaged Business Enterprise (DBE)?**

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

**Q9. Does your company hold any of the following certifications? Check all that applies.**

- MBE 1
- SBE 2
- WBE 3
- Other 4 Specify \_\_\_\_\_

**Q10. Please indicate the extent to which you agree that between October 1, 2006 and September 30, 2011, your company experienced discrimination from a prime contractor due to the race, ethnicity, or gender of the company's owner(s)?**

- Strongly Agree 1
- Somewhat Agree 2
- Neither Agree Nor Disagree 3
- Somewhat Disagree 4
- Strongly Disagree 5

**Q11. Between October 1, 2006 and September 30, 2011, has your company applied, been approved, or denied for any of the following items?**

		Applied		Approved or Denied			Denial Category					
		Yes <sup>1</sup>	No <sup>2</sup>	Approved <sup>1</sup>	Denied <sup>2</sup>	N/A <sup>9</sup>	ID	IBH	C	RE	G	O
a.	Business start-up loan?	___	___	___	___	___	___	___	___	___	___	___
b.	Operating capital loan?	___	___	___	___	___	___	___	___	___	___	___
c.	Performance bond?	___	___	___	___	___	___	___	___	___	___	___
d.	Bid bond?	___	___	___	___	___	___	___	___	___	___	___
e.	Equipment loan?	___	___	___	___	___	___	___	___	___	___	___
f.	Commercial liability insurance?	___	___	___	___	___	___	___	___	___	___	___
g.	Professional liability insurance?	___	___	___	___	___	___	___	___	___	___	___

**Denial Category**  
**(ID)- Insufficient Documentation**  
**(IBH)- Insufficient Business History**  
**(C)- Confusion about Process**  
**(RE)- Race or Ethnic Origin**  
**(G)- Gender of Owner**  
**(O)- Other, please specify**

FOCUS GROUP SURVEY – SUBCONTRACTORS

**Q12. Please indicate your level of agreement or disagreement, on a scale of 1 to 5 where 1 represents “Strongly Agree” and 5 represents “Strongly Disagree” with each of the following statements. Please respond based on doing business or attempting to do business on AK DOT&PF projects.**

Response		Strongly Agree <sup>1</sup>	Agree <sup>2</sup>	Neither <sup>3</sup>	Disagree <sup>4</sup>	Strongly Disagree <sup>5</sup>	DK <sup>9</sup>
a	There is an informal network of prime contractors and subcontractors in Alaska that has excluded my company from doing business.	___	___	___	___	___	___
b	Double standards in qualification and performance make it more difficult for minority, women, and disadvantaged-owned businesses to win bids or contracts.	___	___	___	___	___	___
c	Sometimes, prime contractors will include a minority, women or disadvantaged subcontractor on a bid to meet the “good faith effort” requirement, and then drop the company as a subcontractor after winning the award.	___	___	___	___	___	___
d	In general, minority, women and disadvantaged -owned businesses tend to be viewed by the general public as less competent than non-minority male businesses.	___	___	___	___	___	___
e	Some non-minority (male) prime contractors change their bidding procedures when they are not required to hire minority-, women and disadvantaged-owned businesses as subcontractor.	___	___	___	___	___	___
f	The time and resources required to respond to a bid is lengthy and costly.	___	___	___	___	___	___
g	A non-minority (male) business will hire affiliate companies to circumvent GFE outreach and contracting with legitimate minority, women, and disadvantaged-owned businesses as subcontractors.	___	___	___	___	___	___
H	My firm usually receives unequal price quotes from suppliers as compared to my non-minority competitors.	___	___	___	___	___	___

\* DK-Don’t know

**Q13. Which of the following categories best approximates your company’s largest subcontract awarded between October 1, 2006 and September 30, 2011?**

- Not applicable 1
- Up to \$50,000? 2
- \$50,001 to \$100,000? 3
- \$100,001 to \$200,000? 4
- \$200,001 to \$300,000? 5
- \$300,001 to \$400,000? 6
- \$400,001 to \$500,000? 7
- \$500,001 to \$1 million? 8
- Over \$1 million? 9
- Don’t Know 10

**Q14. Are you required to have bonding for the type of work your company bids?**

- Yes 1
- No 2

**Q14a.** If yes, what is your current aggregate bonding limit?

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

**Q14b.** What is your current single project bonding limit?

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

FOCUS GROUP SURVEY – SUBCONTRACTORS

Please provide your contact information just in case we have any further questions?

Company Name:	
Contact Person:	
Contact Person Title:	
Company Address:	
Company Phone Number:	

Thank you for your valuable comments.

***APPENDIX K:  
SELECTED POLICIES OF OTHER  
M/W/SBE PROGRAMS***

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## APPENDIX K: SELECTED POLICIES OF OTHER M/W/SBE PROGRAMS

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This chapter provides an overview of the program design and practices of federal, state and local government minority, women business disadvantaged business enterprise (M/W/DBE) programs. The chapter covers M/W/DBE program design, small business size standards, and policies and practices that agencies used to stimulate M/W/DBE utilization.

Most state and local government agencies have some policy promoting local small business development. Such assistance may include direct subsidies to businesses, funds for management and technical assistance to small and new entrepreneurs, mentor-protégé programs, and bonding assistance, as well as collaboration with and support for organizations that provide management and technical assistance to businesses.

A substantial number of these agencies also have procurement preference programs for small business. Some S/MWBE programs are nominal and some seem to have substantial resources devoted to S/MWBE program design and implementation. In general, the demand by some courts and some legislation for race-neutral business development policies has increased the resources devoted to race-neutral S/MWBE programs.

This chapter provides a menu of policies. Some policies that have worked in some localities have not been effective in others. Some policies have been discontinued for budget reasons. In many instances, it is difficult to determine whether a particular policy is directly responsible for the success of a program. Where possible sections begin with policies of public utilities.

The structure of the chapter is:

- ◆ Small Business Aspirational Goals
- ◆ Small Business Prime Contracting Programs
- ◆ Small Business Program for Subcontracts
- ◆ Certification
- ◆ Management and Technical Assistance Programs
- ◆ Mentor-Protégé Programs
- ◆ Financial Assistance
- ◆ Bonding
- ◆ Insurance
- ◆ Outreach
- ◆ Evaluation of Race-Neutral Alternatives
- ◆ Performance Measures
- ◆ MWBE Program Data Management

## K.1 SMALL BUSINESS ASPIRATIONAL GOALS

Commitment from the top leadership is a core element of most summaries of policies in other S/MWBE programs.<sup>1</sup> One starting point for such commitment is setting overall aspirational goals separate from project goals. Some agencies use fairly straightforward methods to calculate aspirational goals and other agencies use more involved methodologies.

**Federal Government.** The federal government has a 23 percent small business goal. Some other small business aspirational goals include:

- ◆ Washington DOT—10 percent SBE goal<sup>2</sup>
- ◆ California DOT—25 percent SBE goal (5 percent disabled veterans)<sup>3</sup>
- ◆ State of New Jersey—25 percent SBE goal (up from 15 percent)

## K.2 SMALL BUSINESS PRIME CONTRACTING PROGRAMS

### K.2.1 BIDDER ROTATION

Some political jurisdictions use bidder rotation schemes to limit habit purchases from majority firms and to ensure that S/MWBEs have an opportunity to bid along with majority firms. A number of agencies, including the City of Indianapolis, Indiana; Fairfax County, Virginia; the Port Authority of New York and New Jersey; and Miami-Dade County, Florida, use bid rotation to encourage S/MWBE utilization, particularly in architecture and engineering. Some examples of bidder rotation from these agencies include:

**Miami-Dade County, Florida.** Miami-Dade County uses small purchase orders for the Community Business Enterprise program and rotates on that basis. In addition, Miami-Dade County utilizes an Equitable Distribution Program, whereby a pool of qualified architecture and engineering professionals are rotated awards of county miscellaneous architecture and engineering services as prime contractors and subcontractors.

**DeKalb County, Georgia.** DeKalb County has used a form of bidder rotation called a bidder box system to promote S/MWBE utilization. This system selects a group of bidders from the list of county registered vendors to participate in open market procurements. Under the bidder rotation system, the buyer identifies the commodity or service by entering an item box number. Using this item box, the computer selects five to six firms. The lowest responsible bidder is awarded the contract. S/MWBEs were afforded an increased number of bid opportunities than would ordinarily be the case with a sequential selection process.

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<sup>1</sup> See, e.g., National Women's Business Council, *1999 NWBC Best Practices Guide: Contracting with Women* (July 1999); R. Auskalis, C. Ketchum and C. Carter, *Purchasing From Minority Business Enterprise: Best Practices*, Center For Strategic Supply Research 1995)

<sup>2</sup> <http://www.wsdot.wa.gov/NR/rdonlyres/AE9D3453-9828-41F0-A203-CAD9E5B40077/0/SmallBusinessTraining.pdf>.

<sup>3</sup> <http://www.dot.ca.gov/hq/bep/>.

### K.2.2 SMALL BUSINESS SET-ASIDES

**North Carolina Department of Transportation (NCDOT).** In the NCDOT program, small contractors are defined as firms with less than \$1.5 million in revenue. There is a small contractor goal of \$2 million for each of the 14 NCDOT divisions. The current cap on project size for small contractors is \$500,000. For contracts less than \$500,000, NCDOT can solicit three informal bids from small business enterprises.<sup>4</sup> North Carolina law permits the waiving of bonds and licensing requirements for these small contracts let to SBEs.<sup>5</sup> From FY 2004-08, MWBEs won \$29.4 million (20.3 percent) in prime contracts under the North Carolina program.<sup>6</sup>

**Oregon Department of Transportation (ODOT).** Under its Small Business Initiative, ODOT started a pilot program targeting small firms in Region I. The program was extended statewide in September 2007. The program initially set aside contracts of less than \$75,000 for competition amongst small firms and targeted A&E firms.<sup>7</sup> Set asides for A&E and related services were extended to projects of up to \$150,000. Set-asides for construction are limited to projects valued at \$100,000 or less. The program covers Project Specific contracts and On-Call Contracts. There are now approximately 400 firms registered in the program.

The selection process for A&E and related services begins with the identification of a small contracting outsourcing opportunity. If there are ten or fewer firms registered in the discipline necessary for the project, all the firms are considered in the selection process. If there are more than ten firms registered in the discipline, then at least five firms are considered. The criteria ODOT may choose for selection include, but are not limited to, qualified firms that have no current or previous prime contracts with ODOT, specific work experience deemed relevant to ODOT requirements and geographic proximity to the project site and/or familiarity with the project site. Firms chosen for further evaluation then are to respond to mini-solicitations, which may include interviews. ODOT reserves the right to use other selection methods, including emergency procurement and direct appointments. After issuing a Notice of Intent to Award ODOT negotiates the statement of work, costs and payment terms with the top ranked firm.

The selection process for construction begins with the identification of a small contracting construction need and the plans and specifications and estimate for that project. If there are three or fewer firms registered in the discipline necessary for the project, all the firms are considered in the selection process. If there are more than three firms registered in the discipline, then at least three firms are invited to bid. The criteria ODOT may choose for selection include, but are not limited to, qualified firms that have no current or previous prime contracts with ODOT, geographic proximity to the project site and firm certification status. The award is then made to the lowest responsive and responsible bid.

Other small business set-asides include:

- ◆ The City of Denver Defined Selection Pool program puts contracts up to \$1 million in a selection pool that can only be bid on by certified SBEs. This program applies to construction and

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<sup>4</sup> NCGS § 136-28.10(a).

<sup>5</sup> NCGS § 136-28.10(b).

<sup>6</sup> Equant, *Measuring Business Opportunity—A Disparity Study of NCDOT's State and Federal Programs*, 2009, at 138.

<sup>7</sup> Procurement authority for the SCPS program derives from ORS § 279A-050(3)(A),(B).

professional service contracts. A SBE is defined as a firm that has revenue less than or equal to 50 percent of the SBA small business standard and the owner has a personal net worth of less than \$1.3 million. In the most recent annual report M/WBEs won 73.7 percent of selection pool contracts.<sup>8</sup>

- ◆ Under its Small Business Set Aside Program, the State of Illinois sets aside all procurements under \$50,000 to small business. All state procurements are considered for the set-aside program. Illinois awarded \$81 million through the set-aside program in FY 2008, 17 percent of which went to firms owned by women and minorities.<sup>9</sup>

### K.2.3 SBE BID PREFERENCES

A number of agencies have bid preferences for SBEs (Dade County, Florida; Port Authority of New York and New Jersey SBE Program; Sacramento Municipal Utility District (SMUD); City of Sacramento; City of Oakland; East Bay Municipal Utility District). SBE bid preferences operate along similar lines as MWBE bid preferences.

**Colorado Department of Transportation.** Prime consultants receive up to five evaluation points if the consultant is either a small business or will use a small business as a subconsultant.

**Port of Portland Bid Preferences for Small Business.** The Port of Portland found that a bid preference of 5 percent had no impact on contract outcomes, but a bid preference of 10 percent did impact contract outcomes.

**Sacramento Municipal Utility District (SMUD).** All SBEs who bid on open solicitations qualify for a 5 percent bid preference. The 5 percent is based on the lowest responsible bid (capped at \$250,000). SBEs also receive an additional 10 points in RFP evaluations.

**East Bay Municipal Utility District (Oakland, CA).** A 5 percent bid preference (not to exceed \$50,000 per year of the annual contract), to SBEs per contract year on supplies contracts, on general services contracts where price is the determining factor, and on the lump sum bid amount on construction contracts.

### K.2.4 RACE-NEUTRAL JOINT VENTURES

**Atlanta, Georgia.** The City of Atlanta requires establishment of joint ventures on large projects of over \$10 million.<sup>10</sup> Primes are required to create a joint venture with a firm from a different ethnic/gender group in order to ensure prime contracting opportunities for all businesses. This rule applies to women- and minority-owned firms as well as nonminority firms. This rule has resulted in tens of millions of dollars in contract awards to women- and minority-owned firms.

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<sup>8</sup> City of Denver, Office of Economic Development, Division of Small Business Opportunities, *2010 Annual Report*, at 3. <http://www.denvergov.org/Portals/690/documents/DSBO/DSBO%20Annual%20Report-FINAL-2010.pdf>.

<sup>9</sup> State of Illinois Small Business Set-Aside Program—Fiscal Year 2008 Report.

<sup>10</sup> City of Atlanta Ordinance Sec. 2-1450 and Sec. 2-1451.

**Washington Suburban Sanitation Commission (WSSC).** The WSSC Competitive Business Demonstration Project requires joint ventures between a local SBE and an established firm in procurement areas that do not generate enough SBE bids.

#### K.2.5 CONSTRUCTION MANAGEMENT, REQUEST FOR PROPOSALS, AND DESIGN-BUILD

One method of debundling in construction is through the use of multi-prime construction contracts in which a construction project is divided into several prime contracts that are then managed by a construction manager at risk. For example, this approach has been used on projects where each prime contractor is responsible for installation and repair in particular areas. The construction manager is responsible for obtaining materials at volume discounts based upon total agency purchases. If one contractor defaults, a change order is issued to another prime contractor working in an adjacent area. The construction manager at risk is responsible for cost overruns that result from prime contractor default.

Construction management also facilitates the rotation of contracts within an area of work. For example, if several subcontractors have the capacity of bidding on an extended work activity (e.g., concrete flat work, traffic control, hauling), the construction manager can rotate contracting opportunities over the duration of the activity.

Using a request for proposal process can provide the flexibility for including MWBE participation in prime contractor requirements and selection. One of the nonfinancial criteria can be the proposer's approach and past history with MWBE subcontractor utilization as well as women and minority workforce participation.

The Colorado DOT has required DBE and Emerging Small Business (ESB) performance plans for bidders on design-build projects. Colorado DOT achieved \$187 million in DBE utilization on the \$1.2 billion T-REX project using this approach.<sup>11</sup>

A number of agencies around the country, the Tri-County Metropolitan Transportation District of Oregon, the Miami-Dade Public Schools District, the Charlotte-Mecklenburg School System, and the City of Columbia, have had some success with this approach.<sup>12</sup>

#### K.2.6 Contract Sizing

The United States' Office of Management and Budget (OMB) Contract Bundling Report advocates limiting the use of contract bundling to those instances where there are considerable and measurable benefits such as decreased time in acquisition, at least 10 percent in cost savings, or improved contract terms and conditions.<sup>13</sup>

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<sup>11</sup> D. Wilson, *Colorado Department of Transportation Statewide Transportation Disparity Study*, 2009, at 3-20.

<sup>12</sup> Federal Transit Administration, *Lessons Learned #45* (May 2002). [www.fta.dot.gov/library/program/II/man/II45.html](http://www.fta.dot.gov/library/program/II/man/II45.html).

<sup>13</sup> Office of Management and Budget, "Contract Bundling—A Strategy for Increasing Federal Contracting Opportunities for Small Business" (October 2002).

### K.2.7 OTHER SBE PRIME CONTRACTORS ASSISTANCE

**North Carolina Department of Transportation (NCDOT) Fully Operated Rental Agreements.** Under these arrangements, a firm may bid an hourly rate for using certain equipment and the necessary staff. In these field-let contracts, engineers select the firm with the appropriate equipment and the lowest bid rate. If that firm is not available, the engineers select the next lowest hourly rate. This rental agreement technique is used primarily to supplement NCDOT equipment in the event of NCDOT equipment failure or peak demand for NCDOT services. The rental agreement technique is attractive to small contractors because the typical small firm has much better knowledge of its own hourly costs than it does of the costs to complete an entire project.

**Florida Department of Transportation (Florida DOT) Business Development Initiative.** The Florida DOT has just undertaken a stepped-up small business initiative with the following principle components:

- ◆ Reserving certain construction, maintenance, and professional services contracts for small businesses.
- ◆ Providing bid preference points to small businesses, and to firms offering subcontracts to small businesses on professional services contracts.
- ◆ Waiving performance and bid bond requirements for contracts under \$250,000.
- ◆ Using a modified pre-qualification process for certain construction and maintenance projects.

## K.3 SMALL BUSINESS PROGRAM FOR SUBCONTRACTS

### K.3.1 PAYMENTS FOR USING SUBCONTRACTORS.

**Colorado Department of Transportation (Colorado DOT).** The Colorado DOT Emerging Small Business (ESB) Program<sup>14</sup> provides the following incentives for primes to use S/MWBEs:

Payments of up to \$5,000 to a prime contractor who hires an S/MWBE subcontractor that has never held a contract or subcontract on a Colorado DOT project.

Payment of up to \$7,500 to a prime contractor or consultant who trains one or more S/MWBEs as a subcontractor on a Colorado DOT project.

### K.3.2 SUBCONTRACTOR DISCLOSURE AND SUBSTITUTION

**State of Oregon.** Under Oregon law, bidders are required to disclose first-tier subcontractors that will be furnishing labor for the project and have a contract value greater than or equal to 5 percent of the bid or \$15,000 (whichever is greater), or \$350,000 regardless of the percentage of the total project.<sup>15</sup> First-tier subcontractor disclosure does not apply to contracts below \$100,000, or contracts exempt from

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<sup>14</sup> The Colorado ESB program was established by statute, Colorado Rev Stat Sec 43-1-106.

<sup>15</sup> ORS § 279C.370(1)(a)(A),(B).

competitive bidding requirements.<sup>16</sup> Bidders are not required to disclose the race or gender of the first-tier subcontractors.

Bidders are allowed to substitute subcontractors.<sup>17</sup> The subcontractor substitution statute provides standards sufficient for cause regarding subcontractor substitution, including subcontractor bankruptcy, poor performance, inability to meet bonding requirement, licensing deficiencies, ineligibility to work based upon applicable statutes, and for “good cause” as defined by the Construction Contractors Board.<sup>18</sup> The statute provides a process by which subcontractors can issue complaints about substitutions. Violation of subcontractor substitution rules may result in civil penalties.<sup>19</sup>

#### K.4 MWBE GOALS

**Oregon DOT.** Oregon DOT uses both “hard goals” and “aspirational targets” for DBE project goal setting. Aspirational targets do not have numerical percentages and are not subject to good faith efforts requirements or risk of rejected bids. “Hard goals” have generally only been applied in ODOT regions with identified DBE availability and disparity. Aspirational DBE targets applied through the state. ODOT staff reported that primes took the aspirational goals seriously, even though there was often no numerical percentage associated with the aspirational goal written in the bid documents.

#### K.5 CERTIFICATION

##### K.5.1 SBE CERTIFICATION

**New Jersey DOT Emerging Small Business Enterprise.** The New Jersey DOT uses the SBA definition of small business and personal net worth of less than \$1.32 million.<sup>20</sup>

**Illinois DOT** defines small business as including SBA defined small business, DBEs, HUBZone firms, service disabled veteran owned small firms, veteran owned small firms and small disadvantaged businesses.<sup>21</sup>

##### K.5.2 TWO TIER SBE CERTIFICATION

**State of Oregon.** The State of Oregon has a two-tier system for small business certification. Under the 2009 definitions of emerging small business tiers a Tier One firm employs fewer than 20 full-time equivalent employees and has average annual gross receipts for the last three years that do not exceed \$1,633,110 (for construction), or \$653,244 (for non-construction). A Tier Two firm employs fewer than 30 full-time equivalent employees and has average annual gross receipts for the last three years that do

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<sup>16</sup> ORS § 279C.370(1)(c),(d).

<sup>17</sup> ORS § 279C.370(5), ORS § 279C.585.

<sup>18</sup> ORS § 279C.585.

<sup>19</sup> ORS § 279C.590.

<sup>20</sup> <http://www.state.nj.us/transportation/business/civilrights/pdf/esbeapplication.pdf>.

<sup>21</sup> <http://www.dot.il.gov/procurement/Multi%20State%20Locomotive%20SBP%20UPlan.docx>.

not exceed \$3,266,219 (for construction) or \$1,088,744 (for non-construction).<sup>22</sup> An ESB cannot be a subsidiary or a franchise. In 2006, small business program participation was extended from seven to 12 years.<sup>23</sup>

**Federal Government.** The federal government has the additional categories:

- ♦ “Emerging Small Business,” defined as being 50 percent of the SBA size standards, and
- ♦ “Very Small Business,” defined as fewer than 15 employees and less than \$1million in revenue.

## K.6 MANAGEMENT AND TECHNICAL ASSISTANCE

A number of agencies hire an outside management and technical assistance provider to provide needed technical services related to business development and performance. Such a contract can be structured to include providing incentives to produce results, such as the number of S/MWBEs being registered as qualified vendors with the city, the number of MWBEs graduating from subcontract work to prime contracting, and rewarding firms that utilize MWBEs in their private sector business activities.

**Port Authority.** The Port Authority of New York and New Jersey has a three-year fee-for-service contract with the Regional Alliance for Small Contractors capped at \$275,000.<sup>24</sup> Previously, the contract was a flat grant, but it was changed to a fee-for-service arrangement to reward creative uses of financial resources.

## K.7 MENTOR-PROTÉGÉ PROGRAMS

**Indiana Construction Roundtable (ICR).** ICR started a mentor-protégé program modeled on the Stempel plan from the Port of Portland. Protégés must have two years of business experience and a business plan. There are two mentors per protégé (one lead and one advisor) who meet monthly. Subcontracting is allowed, recognizing that this may cause a conflict of interest. A point system tracks completion of the program. Mentor-protégé arrangements are designed to last between one and three years, followed by an exit strategy with ICR guidance.

**Port Authority.** The Port Authority started a mentor-protégé program in March 2002 and hired a program manager in September 2002. Protégés use mentors to prepare estimates and bids, and mentors may help successfully complete a project awarded to a protégé. No credit is given by the Port Authority to the mentor towards S/MWBE goals for participation in the mentor-protégé program.

At the time of this review, there were seven major firms and several small firms that are matched. However, the Port Authority projects program expansion to include 10 mentors and 20 protégés. The criteria for participation as a protégé is: past work experience with the Port Authority; a “good corporate citizen,” as indicated by Dun & Bradstreet reports; a written application; and size standards

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<sup>22</sup> OAR 445-050-0115. The ESB size standards are adjusted annually to reflect changes in the Consumer price Index.

<sup>23</sup> OAR 445-050-0135.

<sup>24</sup> The Regional Alliance was started in 1989. For general background on the founding of the Regional Alliance see Timothy Bates, “Case Studies of City Minority Business Assistance Programs,” report for the U.S. MBDA, September 1993.



less than \$2 million in revenue. The program operates only in construction at this point. Seven firms recently graduated from the three year program. Ten large firms have acted as mentors.

**Texas DOT.** Texas DOT (TxDOT) developed a mentoring program called LINC (Learning, Information, Networking and Collaboration) in which the TxDOT's Business Opportunity Program Section serves as the mentor to selected S/MWBE firms. The focus of the program is to prepare the LINC Protégé firms to bid and perform on TxDOT contracts. The Business Opportunity Program section introduces the protégés to key TxDOT staff and to prime contractors. LINC mentors, TxDOT staff, business providers, bonding agents, and trainers meet with LINC protégés in scheduled meetings and work individually with the LINC protégés. The selected LINC protégés sign an agreement committing to the time and effort needed for a successful mentor-protégé relationship. The duration of the LINC mentorship arrangement is one year.

**Illinois DOT.** The Illinois DOT provides separate mentor-protégé programs for construction and engineering services. Illinois DOT offers a 5 percent reduction on a project's DBE goals as an incentive for primes to mentor DBE protégés.

**California DOT.** Associated Council of Engineering Companies of California (ACEC) and the California Department of Transportation created CALMENTOR, a mentor-protégé program for the architectural and engineering.<sup>25</sup>

**New York School Construction Authority Mentor Plan.** In this mentor protégé plan firms are eligible for small business loans and bonding assistance upon completion of the program. The in addition to loans and bonding the program provides project experience, technical assistance and training, help with business development and accelerated payments. The program targets construction contracts valued up to \$750,000 for program participants to bid against each other.<sup>26</sup>

After reviewing a number of mentor-protégé programs one study found that project-specific mentor-protégé agreements should be preferred because: (1) S/MWBEs "earn while they learn," (2) the agreements provide specific assistance, and (3) the agreements require less assistance from attorneys than all-encompassing agreements stretching over several years.<sup>27</sup>

## K.8 FINANCIAL ASSISTANCE

### K.8.1 LOAN MOBILIZATION

**Orlando Airport.** The Greater Orlando Airport Authority has a Designated Mobilization Program (DMP), a loan mobilization program. The Authority makes available certain retainers and/or designated mobilization payments to Local Developing Businesses (LDB), professional services, construction, and procurement firms of up to 5 percent of contract price. This percentage may be increased to 10 percent, subject to the approval of the Executive Director. The LDB program is race- and gender-neutral.

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<sup>25</sup> <http://www.dot.ca.gov/dist11/calmentor/files/Calmentor%20Program.pdf>.

<sup>26</sup> <http://www.nycsca.org/Business/GettingStarted/Pages/MentorPrograms.aspx>.

<sup>27</sup> CTC & Associates, *Disadvantaged Business Enterprise Programs: A Survey of State Practice in Operating Mentor/Protégé Programs and Increasing DBE Participation*, October 2010.

### L.8.2 PROMPT PAYMENT

MWBE vendors still often report problems with prompt payment, particularly payments from prime contractors to subcontractors. Certain subcontractors that work on an early phase in a project, such as grading, can suffer from retainage withheld on long-lasting projects. There are several prompt payment policies that respond to this problem:

- ◆ **Retainage.** North Carolina DOT requires that retainage be released when the tasks/activities for the subcontractors' phase of work is accepted rather than at the end of the project.<sup>28</sup>
- ◆ **Two-Party Check Program.** To improve access to financing, the Port Authority has a Two-Party Check Program in which the Port Authority writes checks out to the lender and the contractor. This program has not been frequently used according to staff interviews.

### K.9 BONDING

Some examples of bonding programs from other agencies include:

**North Carolina DOT.** The North Carolina DOT, through its supportive services contract, has funded a DBE Pilot Bonding Assistance Program since 2000. The bonding program is open to any DBE that holds or is in the process of obtaining a NCDOT contract. The program is for bid, payment, and performance bonds of up to \$1 million. The program is administered through the U.S. DOT Office of Small and Disadvantaged Business Utilization, the Minority Business Resource Center, and participating sureties.

**Colorado DOT.** Colorado DOT reimburses up to 5 percent of the SBE subcontractor's contract award (limited to \$5,000) to a prime contractor for costs incurred if the prime waived its bonding requirements for an SBE and the SBE subcontractor failed to perform. Colorado DOT also pays up to \$5,000 for the bonding costs of bonds for SBE prime and subcontractors.<sup>29</sup>

**Maryland.** The State of Maryland, through its Surety Bonding Program, assists small contractors in bonding with government and public utility contracts that require bid, performance, and payment bonds. MSBDFA has the authority to directly issue bid, performance, or payment bonds up to \$750,000. MSBDFA can also guarantee up to 90 percent of a surety's losses on bid, performance, or payment bonds up to \$900,000. This assistance is available to firms that have been denied bonds, but have not defaulted on loans or financial assistance from MSBDFA.

**Los Angeles Unified School District Contract Bondworks Program.** Graduates of the LAUSD Small Business Boot Camp are eligible for bonding and finance guarantees for LAUSD construction contracts. The bond guarantee maximum is \$400,000 or, 40 percent of the bond whichever is less, per contract, per contractor.

### K.10 INSURANCE

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<sup>28</sup> 49 CFR, Part 26.29(b).

<sup>29</sup> <http://www.coloradodot.info/business/emerging-small-business-program>.

A number of agencies use wrap-up insurance on construction projects to lower insurance costs for contractors.

**Port Authority.** The Port Authority of New York and New Jersey uses a Contractor Insurance Program (CIP), a form of wrap-up insurance under which the Port Authority provides various insurance coverages to approved onsite contractors and subcontractors for construction contracts. In particular, the Port Authority buys and pays the premiums on public liability insurance (\$25 million per occurrence), builders' risk insurance, and workers' compensation and employers' liability insurance. In general, the CIP can reduce an owner's project costs by an average of 1 to 2 percent compared to traditional contractor procured insurance programs. The Port Authority CIP does help alleviate barriers from insurance costs to MWBE participation on Port Authority construction projects. .

**Port of Portland.** The Port of Portland has made noteworthy efforts to address barriers to small firms from insurance requirements. A Port Process Management sub group met on insurance barriers and issued a white paper in August of 2003. The sub group identified insurance barriers in the areas of insurance in excess of associated risk, complex language, difficulties in small firms obtaining blanket insurance certificates, and additional costs for on-call contractors. The sub group identified low risk consultant areas that did not require insurance, simplified insurance language, altered some blanket insurance coverage requirements, clarified what could be met with primary and excess insurance, proposed simplifying the Port indemnity, and proposed sending appropriate insurance requirements in sample contracts attached to RFPs and Requests for Quotations (RFQs). The Port also looked at a cooperative insurance program for small business although there was not much success with this initiative.

### K.11 OUTREACH

Most agencies have extensive outreach, including match-making with procurement officials, workshops and seminars, featuring S/MWBEs in agency newsletters, and providing procurement forecasts. The Federal government classifies businesses for outreach purposes into three categories:

- ◆ Category A: Firms that are new to government contracting. These firms should be directed to the Procurement Technical Assistance Center (PTAC), the Small Business Development Center (SBDC), and the Minority Business Development Center (MBDC). In this manner the agency avoids duplicating PTAC, SBDC, or MBDC services.
- ◆ Category B: Firms that are familiar with government contracting in general but not with the particular agency. These firms are handled via an enhanced Web site that answers routine questions and quarterly group seminars.
- ◆ Category C: Firms that already have government contracts and are looking for more specific assistance. Some agencies allow for new businesses to have 15-minute presentations of corporate capabilities to program managers. The agency also provides unsuccessful bidders with feedback and briefs S/MWBEs on quality assurance standards.

## K.12 EVALUATION OF RACE-NEUTRAL ALTERNATIVES

**Port of Portland, Oregon.** The Port has evaluated the effectiveness of its race-neutral efforts. The Port produced an analysis of 67 firms that had graduated from its mentor-protégé program. Of the 67 mentor-protégé program graduates studied in the Port data from 2001 to 2006, seven were out of business and 23 had Port experience. Most firms had between five and 40 employees and one had greater than \$1 million in revenue. One firm was greater than \$50 million in revenue, another greater than \$15 million, and three others were above \$5 million in revenue. The data was incomplete on all firms.

## K.13 PERFORMANCE MEASURES

**Florida Department of Transportation.** The Evaluation Plan for the Florida DOT Small Business Initiative has the following performance measures:

1. What specific action(s) were identified that the Florida DOT could implement or continue to help small businesses increase their capacity to bid as a prime?
2. Which of the identified strategies resulted in new businesses becoming interested in a long-term partnership with the Florida DOT as a prime?
3. What are the success stories?
4. How many businesses that were identified have the desire and ability to grow from a subcontractor to a prime?
5. How many businesses are bidding on reserved contracts compared to those that are not reserved?
6. How many businesses that have never bid as primes are now bidding on reserved contracts as primes?
7. How many businesses that were subcontractors or subconsultants have been awarded contracts as a prime?
8. How many businesses that were awarded a reserved contract bid on contracts that were not reserved?
9. How many businesses were able to take advantage of the waiver of the bonding requirements? What is the size of the businesses that took advantage of the waiver?
10. How many contracts resulted in a default? What was the dispute?
11. How many “problem” contracts adversely affected the end product? What was the issue, (such as product, time, or cost)?
12. How many protests were filed? What was the protest issue?

## K.14 MWBE PROGRAM DATA MANAGEMENT

It is imperative for the City to closely monitor the utilization of all businesses by race, ethnicity, and gender over time to determine program effectiveness. Many agencies issues MWBE annual utilization

reports. Some important additional elements of program data management employed by other agencies include:

**Separate Reporting of MWBE Prime Contractor and Subcontractor Utilization.** Orange County, FL; Charlotte, NC; Port Authority and New York and New Jersey.

**Tracking MWBE and Non-MWBE Subcontractor Utilization.** City of Charlotte, NC.

**Tracking MWBE Utilization in the SBE Program.** Charlotte, NC; Port Authority and New York and New Jersey, LA Unified School District, Phoenix, AZ.

**Oregon DOT.** The Oregon Department of Transportation has a very complete reporting system for DBEs in construction, with 105 tables, and includes coverage of DBE utilization at the subcontract and prime contract levels, bidders, small business utilization, prompt payment, commercially useful function review, complaints against prime contractors, on-the-job training, and labor compliance. The system is updated daily.

***APPENDIX L:  
ANALYSIS OF RACE/GENDER/  
ETHNICITY EFFECTS ON SELF-  
EMPLOYMENT PROPENSITY AND  
EARNINGS***

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## APPENDIX L: ANALYSIS OF RACE/GENDER/ETHNICITY EFFECTS ON SELF-EMPLOYMENT PROPENSITY AND EARNINGS

### I. INTRODUCTION

This report analyzes the availability of minority, nonminority women, and nonminority male firms in four categories of private sector business activity in Alaska. The goal of this investigation is to examine the effects of race and gender, along with other individual economic and demographic characteristics, on individuals' participation in the private sector as self-employed business operators, and on their earnings as a result of their participation. Ultimately, we will compare these findings to the self-employment participation and earnings record of nonminority male business owners to determine if a disparity in self-employment rates and earnings exists, and if it is attributable to racial or gender discrimination in the marketplace. Data for this investigation are provided by the Public Use Microdata Samples (PUMS) data derived from the 2011 American Community Survey, to which we apply appropriate regression statistics to draw conclusions. **Exhibit L-1**<sup>1</sup> presents a general picture of self-employment rates by race, median earnings, and sample sizes (n's) in Alaska, calculated from the 5 percent PUMS census sample.

The next section will discuss the research basis for this examination to lay the groundwork for a description of the models and methodologies to be employed. This will be followed by a presentation of findings regarding minority status effects on self-employment rates, self-employment earnings, and attributions of these differences to discrimination, per se.

EXHIBIT L-1  
PERCENTAGE SELF-EMPLOYED/2011 EARNINGS BY  
BUSINESS OWNERSHIP CLASSIFICATION, STATE OF ALASKA

BUSINESS OWNERSHIP CLASSIFICATION	PERCENT OF POPULATION SELF-EMPLOYED	2011 SAMPLE CENSUS (n)	2011 MEDIAN EARNINGS
Nonminority Males	17.84%	117	\$50,000.00
African American	5.88%	2	\$17,300.00
Hispanic American	10.14%	7	\$20,000.00
Asian American	6.96%	8	\$37,000.00
Native American	8.96%	31	\$35,000.00
Nonminority Women	10.70%	38	\$29,000.00
<b>TOTAL</b>	<b>12.89%</b>	<b>203</b>	<b>\$40,000.00</b>

Source: PUMS data from 2011 American Community Survey (ACS).

<sup>1</sup> The 2010 census American Community Survey (ACS) self-employment data for the state of Alaska is located in **Section 6**. The sample size of 2010 census ACS self-employment data for the state of Alaska is insufficient to conduct a proper statistical analysis of self-employment by race and gender. The data does show some growth in percentage self-employment for Native Americans and nonminority males, but a decline for other groups.

## I. SELF-EMPLOYMENT RATES AND EARNINGS AS AN ANALOG OF BUSINESS FORMATION AND MAINTENANCE

Research in economics consistently supports the finding of group differences by race and gender in rates of business formation (see *Journal of Econometrics*, Vol. 61, Issue 1, devoted entirely to the econometrics of labor market discrimination and segregation). For a disparity study, however, the fundamental question is “How much of this difference is due to factors that would appear, at least superficially, to be related to group differences other than race, ethnicity, or gender, and how much can be attributed to discrimination effects related to one’s race/ethnic/gender affiliation?” The American Community Survey PUMS, 2011, shows that most minority groups have a lower median age than do non-Hispanic whites and that, in general, the likelihood of being self-employed increases with age. When social scientists speak of nonracial group differences, they are referring to such things as general differences in religious beliefs as these might influence group attitudes toward contraception, and, in turn, both birthrates and median age. A disparity study, therefore, seeks to examine these other important demographic and economic variables in conjunction with race and ethnicity, as they influence group rates of business formation, to determine if it can be asserted that discrimination against minorities is sufficiently present to warrant consideration of public sector legal remedies such as affirmative action and minority set-aside contracting.

Questions about marketplace dynamics affecting self-employment—or, more specifically, the odds of being able to form one’s own business and then to excel (i.e., generate earnings growth)—are at the heart of disparity analysis research. Whereas early disparity studies tended to focus on gross racial disparities, merely documenting these is insufficient for inferring discrimination effects per se without “partialling out” effects due to nondiscriminatory factors. Moreover, to the extent that discrimination exists, it is likely to inhibit both the formation of minority business enterprises and their profits and growth. Consequently, earlier disparity study methodology and analysis have failed to account for the effects of discrimination on minority self-employment in at least two ways: (1) a failure to account adequately for the effects of discriminatory barriers minorities face “up front” in attempting to form businesses; and (2) a failure to isolate and methodologically explain discrimination effects once minority businesses are formed.

The next section addresses these shortcomings, utilizing PUMS data derived from the 2011 U.S. Census to answer research questions about the effects of discrimination on self-employment and self-employment earnings using multiple regression statistics.

## 3. RESEARCH QUESTIONS, STATISTICAL MODELS, AND METHODS

Two general research questions were posed in the initial analysis:

- ◆ Are racial, ethnic, and gender minority groups less likely than nonminority males to be self-employed?
- ◆ Does racial, ethnic, and gender status have an impact on individuals’ earnings?

A third question, to be addressed later—How much does racial, ethnic, and gender discrimination influence the probability of being self-employed?—draws conclusions based on findings from questions one and two.



To answer the first two questions, MGT employed two multivariate regression techniques, respectively: logistic regression and linear regression. To understand the appropriate application of these regression techniques, it is helpful to explore in greater detail the questions to be answered. The dependent variables in questions one and two—that is, the phenomena to be explained by influences such as age, race, gender, and disability status, for example (the independent or “explanatory” variables)—are, respectively: the probability of self-employment status (a binary, categorical variable based on two possible values: 0 = not self-employed/1 = self-employed) and 2011 earnings from self-employment (a continuous variable). In this analysis, the choice of regression approach was based on the scale of the dependent variable (in question one, a categorical scale with only two possible values, and in question two, a continuous scale with many possible values). Because binary logistic regression is capable of performing an analysis in which the dependent variable is categorical, it was employed for the analysis of question one.<sup>2</sup> To analyze question two, in which the dependent variable is continuous, MGT used simple linear regression.

### DERIVING THE LOGISTIC REGRESSION MODEL FROM THE SIMPLE LINEAR MODEL

The logistic regression model can be derived with reference to the simple linear regression model expressed mathematically 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 = a continuous variable (e.g., 2011 earnings from self-employment)

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

$\beta_i$  = coefficient representing the magnitude of  $X_i$ 's effect on Y

$X_i$  = the independent variables, such as age, human capital (e.g., level of education), availability of capital, race/ethnicity/gender, etc.

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

This equation may be summarized as:

$$E(Y) = \mu = \sum_{k=1}^K \beta_k x_k$$

in which Y is the dependent variable and  $\mu$  represents the expected values of Y as a result of the effects of  $\beta$ , the explanatory variables. When MGT studies a random distribution of Y using the linear model, the expected values are specified as a linear combination of K unknown parameters and the covariates or explanatory variables. When this model is applied to data in the analysis, MGT is able to find the statistical link between the dependent variable and the explanatory or independent variables.

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<sup>2</sup> Logistical regression, or logit, models generate predicted probabilities that are almost identical to those calculated by a probit procedure, used in *Concrete Works v. City and County of Denver* case. Logit, however, has the added advantage of dealing more effectively with observations at the extremes of a distribution. For a complete explanation, see *Interpreting Probability Models* (T.F. Liao, Text 101 in the Sage University series).

Suppose a new term,  $\eta$ , is introduced into the linear model such that:

$$\eta = \mu = \sum_{k=1}^K \beta_k x_k$$

When the data are randomly distributed, the link between  $\eta$  and  $\mu$  is linear, and a simple linear regression can be used. However, to answer the first question, the categorical dependent variable was binomially distributed. Therefore, the link between  $\eta$  and  $\mu$  became  $\eta = \log[\mu/(1 - \mu)]$  and logistic regression was utilized to determine the relationship between the dependent variable and the explanatory variables, calculated as a probability value (e.g., the probability of being self-employed when one is African American). The logistic regression model is expressed mathematically as:

$$\log[\mu/1(1 - \mu)] = \alpha + \beta_i X_n + \varepsilon$$

Where:

- $(\mu/1-\mu)$  = the probability of being self-employed
- $\alpha$  = a constant value
- $\beta_i$  = coefficient corresponding to independent variables
- $X_n$  = selected individual characteristic variables, such as age,  
marital status, education, race, and gender
- $\varepsilon$  = error term, representing the variance in Y unexplained by  $X_i$

This model can now be used to determine the relationship between a single categorical variable (0 = not self-employed/1 = self-employed) and a set of characteristics hypothesized to influence the probability of finding a 0 or 1 value for the categorical variable. The result of this analysis illustrates not only the extent to which a characteristic can increase or decrease the likelihood that the categorical variable will be a 0 or a 1, but also whether the effect of the influencing characteristics is positive or negative in relation to being self-employed.

#### 4. RESULTS OF THE SELF-EMPLOYMENT ANALYSIS

##### QUESTION I: ARE RACIAL, ETHNIC, AND GENDER MINORITY GROUPS LESS LIKELY THAN NONMINORITY MALES TO BE SELF-EMPLOYED?

To derive a set of variables known to predict employment status (self-employed/not self-employed), MGT used the 5 percent PUMS data from the 2011 U.S. Census. Binary logistic regression was used to calculate the probability of being self-employed, the dependent variable, with respect to socioeconomic and demographic characteristics selected for their potential to influence the likelihood of self-employment. The sample for the analysis was limited to labor force participants who met the following criteria:

- ♦ Resident of Alaska

- ◆ Self-employed in construction, professional services, other services, architecture and engineering,<sup>3</sup> or goods and supplies
- ◆ Employed full-time (more than 35 hours a week)
- ◆ 18 years of age or older
- ◆ Employed in the private sector

Next, MGT derived the following variables hypothesized as predictors of employment status:

- ◆ **Race and Sex:** African American, Asian American, Hispanic American, Native American, nonminority woman, nonminority male
- ◆ **Availability of Capital:** Homeownership, home value, mortgage rate, unearned income, residual income
- ◆ **Marital Status**
- ◆ **Ability to Speak English Well**
- ◆ **Disability Status:** From individuals' reports of health-related disabilities
- ◆ **Age and Age Squared:** Squaring the age variable acknowledges the positive, curvilinear relationship between each year of age and earnings.
- ◆ **Owner's Level of Education**
- ◆ **Number of Individuals Over the Age of 65 Living in Household**
- ◆ **Number of Children Under the Age of 18 Living in Household**

## FINDINGS

Binary logistic regression analysis provided estimates of the relationship between the independent variables described above and the probability of being self-employed in the four types of business industries. In [Exhibit L-2](#), odds ratios are presented by minority group, reporting the effect of race/ethnicity/gender on the odds of being self-employed in 2011, holding all other variables constant. Full regression results for all the variables are presented in [Section 6](#) below.

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<sup>3</sup>Due to inadequate sample numbers for all races in the Architecture and Engineering PUMS 2010 data, Architecture and Engineering was merged with the Professional Services category.

EXHIBIT L-2  
 SELF-EMPLOYMENT “ODDS RATIOS” OF MINORITY GROUPS RELATIVE TO NONMINORITY MALES AFTER  
 CONTROLLING FOR  
 SELECTED DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS  
 STATE OF ALASKA

BUSINESS OWNERSHIP CLASSIFICATION	ALL INDUSTRIES	CONSTRUCTION	PROFESSIONAL SERVICES	OTHER SERVICES	GOODS & SUPPLIES
African American	0.409	*	0.632	0.886	*
Hispanic American	0.700	2.569	*	1.515	0.336
Asian American	<b>0.461</b>	1.057	0.364	1.344	*
Native American	<b>0.565</b>	0.753	<b>0.126</b>	0.890	0.522
Nonminority Women	<b>0.596</b>	0.844	<b>0.138</b>	1.302	0.787

Source: PUMS data from 2011 American Community Survey and MGT of America, Inc., calculations using SPSS (Statistical Package for the Social Sciences).

Note: **Bold** indicates that the estimated “odds ratio” for the group was statistically significant. Due to inadequate sample numbers for all races in the Architecture and Engineering PUMS 2010 data, Architecture and Engineering was merged with the Professional Services category.

\* There were insufficient census numbers available for analysis.

The results reveal the following:

- ◆ In all industries in Alaska, nonminority males were nearly twice as likely to be self-employed as nonminority women.<sup>4</sup>
- ◆ In all industries in Alaska, nonminority males were nearly twice as likely to be self-employed as Native Americans.
- ◆ In Alaska, nonminority males were over seven times as likely as nonminority women to be self-employed in professional services.
- ◆ In Alaska, nonminority males were nearly eight times as likely as Native Americans to be self-employed in professional services.

#### QUESTION II: DOES RACE/GENDER/ETHNIC STATUS HAVE AN IMPACT ON INDIVIDUALS’ EARNINGS?

To answer this question, MGT compared self-employed, minority, and women entrepreneurs’ earnings to those of nonminority males in Alaska, when the effect of other demographic and economic characteristics was controlled or “neutralized.” That is, MGT was able to examine the earnings of self-employed individuals of similar education levels, ages, etc., to permit earnings comparisons by race, ethnicity, and gender.

<sup>4</sup> These “likelihood” characteristics were derived from [Exhibit L-2](#) by calculating the inverse of the reported odds ratios.

To derive a set of variables known to predict earnings, the dependent variable, MGT used 2011 wages from employment for self-employed individuals, as reported in the 5 percent PUMS data. These included:

- ◆ **Race and Sex:** African American, Asian American, Hispanic American, Native American, nonminority woman, and nonminority males.
- ◆ **Availability of Capital:** Homeownership, home value, mortgage rate, unearned income, residual income.
- ◆ **Marital Status**
- ◆ **Ability to Speak English Well**
- ◆ **Disability Status:** From individuals' reports of health-related disabilities.
- ◆ **Age and Age Squared:** Squaring the age variable acknowledges the positive, curvilinear relationship between each year of age and earnings.
- ◆ **Owner's Level of Education**

## FINDINGS

**Exhibit L-3** presents the results of the linear regression model estimating the effects of selected demographic and economic variables on self-employment earnings. Each number (i.e., coefficient) in the exhibit represents a percentage change in earnings. For example, the corresponding number for a Native Americans in all industries is -.599, meaning that nonminority woman will earn 59.9 percent less than a nonminority male when the statistical effects of the other variables in the equation are "controlled for." Full regression results for all the variables are presented in **Section 6** below.

EXHIBIT L-3  
EARNINGS "ELASTICITIES" OF MINORITY GROUPS RELATIVE TO NONMINORITY MALES AFTER  
CONTROLLING FOR  
SELECTED DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS  
STATE OF ALASKA

BUSINESS OWNERSHIP CLASSIFICATION	ALL INDUSTRIES	CONSTRUCTION	PROFESSIONAL SERVICES	OTHER SERVICES	GOODS & SUPPLIES
African American	<b>-1.428</b>	*	-0.772	<b>-2.109</b>	*
Hispanic American	<b>-0.802</b>	-0.720	*	-0.253	-2.025
Asian American	-0.093	-0.618	0.976	0.578	*
Native American	<b>-0.599</b>	-0.880	-0.793	-0.230	0.404
Nonminority Women	<b>-0.765</b>	<b>-0.973</b>	<b>-0.294</b>	<b>-0.678</b>	-0.822

Source: PUMS data from 2011 American Community Survey and MGT of America, Inc., calculations using SPSS (Statistical Package for the Social Sciences).

Note: **Bold** indicates that the estimated "elasticities" for the group were statistically significant. The architecture and engineering business industry was excluded from this analysis because of insufficient data.

\* There were insufficient census numbers available for analysis.

The results reveal the following:

- ◆ In Alaska, African Americans, Native Americans, and nonminority women reported significantly lower earnings in all business type categories.
- ◆ In the construction industry, nonminority women reported significantly lower earnings than nonminority males in Alaska: 97.3 percent less.
- ◆ The most egregious effect on earnings “elasticities” was found in other services for African Americans. In other services, African Americans earned 210.9 percent less than nonminority males.

#### DISPARITIES IN RATES OF SELF-EMPLOYMENT: HOW MUCH CAN BE ATTRIBUTED TO DISCRIMINATION?

Results of the analyses of self-employment rates and 2011 self-employment earnings revealed general disparities between minority and nonminority self-employed individuals whose businesses were located in Alaska.

**Exhibit L-4** presents the results of these analyses. Column A reports observed employment rates for each race/gender group, calculated directly from the PUMS 2011 data. To obtain values in columns B and C, MGT calculated two predicted self-employment rates using the following equation:

$$\text{Pr ob}(y = 1) = \sum_{k=1}^K (e^{\beta_k x_k} / 1 + e^{\beta_k x_k})$$

Where:

$\text{Pr ob}(y = 1)$  = represents the probability of being self-employed

$\beta_k$  = coefficient corresponding to the independent variables used in the logistic regression analysis of self-employment probabilities

$x_k$  = the mean values of these same variables

The first of these predicted self-employment rate calculations (in column B) presents nonminority male self-employment rates as they would be if their characteristics (i.e.,  $x_k$ , or mean values for the independent variables) were applied to minority market structures (represented for each race by their  $\beta_k$  or odds coefficient values). The second self-employment rate calculation (in column C) presents minority self-employment rates as they would be if minorities were rewarded in a similar manner as nonminority males in the nonminority male market structure: that is, by multiplying the minority means (i.e., characteristics) by the estimated nonminority coefficients for both race and the other independent variables.

EXHIBIT L-4  
OBSERVED AND PREDICTED SELF-EMPLOYMENT RATES, STATE OF ALASKA

BUSINESS OWNERSHIP CLASSIFICATION	OBSERVED SELF-EMPLOYMENT RATES	WHITE CHARACTERISTICS AND OWN MARKET STRUCTURE	OWN CHARACTERISTICS AND WHITE MARKET STRUCTURE	DISPARITY RATIO (COLUMN A DIVIDED BY COLUMN C)	PORTION OF DIFFERENCE DUE TO DISCRIMINATION
	(A)	(B)	(C)	(D)	(E)
<b>Overall</b>					
Nonminority Males	0.1784	0.1784	0.1784	1.0000	
African American	0.0588	0.1221	0.3375	0.1743	n/d
Hispanic American	0.1014	0.1923	0.1426	0.7115	53.48%
Asian American	0.0696	0.1355	0.1791	0.3883	n/d
Native American	0.0896	0.1612	0.1586	0.5650	77.71%
Nonminority Women	0.1070	0.1685	0.2019	0.5301	n/d
<b>Construction</b>					
Nonminority Males	0.2203	0.2203	0.2203	1.0000	
African American	0.0000	0.0000	0.4048	0.0000	n/d
Hispanic American	0.3333	0.5278	0.1209	2.7561	n/d
Asian American	0.2000	0.3150	0.1988	1.0062	n/d
Native American	0.1682	0.2467	0.2704	0.6222	n/d
Nonminority Women	0.1818	0.2686	0.2472	0.7356	n/d
<b>Professional Services</b>					
Nonminority Males	0.2283	0.2283	0.2283	1.0000	
African American	0.3333	0.2644	0.7456	0.4471	n/d
Hispanic American	0.0000	0.0000	0.0025	0.0000	0.75%
Asian American	0.0526	0.1715	0.3766	0.1398	n/d
Native American	0.0250	0.0671	0.2069	0.1208	59.00%
Nonminority Women	0.0403	0.0727	0.2952	0.1366	86.97%
<b>Other Services</b>					
Nonminority Males	0.1360	0.1360	0.1360	1.0000	
African American	0.1250	0.2198	0.3475	0.3597	n/d
Hispanic American	0.1500	0.3252	0.1900	0.7896	n/d
Asian American	0.1389	0.2994	0.2009	0.6914	n/d
Native American	0.0909	0.2206	0.1014	0.8969	23.19%
Nonminority Women	0.1760	0.2929	0.2196	0.8016	n/d
<b>Goods &amp; Supplies</b>					
Nonminority Males	0.1300	0.1300	0.1300	1.0000	
African American	0.0000	0.0000	0.0009	0.0000	0.66%
Hispanic American	0.0345	0.0924	0.3552	0.0971	n/d
Asian American	0.0000	0.0000	0.0009	0.0000	0.66%
Native American	0.0333	0.1367	0.1299	0.2567	99.85%
Nonminority Women	0.0685	0.1928	0.0967	0.7080	45.92%

Source: PUMS data from 2011 American Community Survey and MGT of America, Inc., calculations using SPSS (Statistical Package for the Social Sciences) and Microsoft Excel.

n/d: No discrimination was found.

Using these calculations, MGT was able to determine a percentage of the disparities in self-employment between minorities and nonminority males attributable to discrimination by dividing the observed self-employment rate for a particular minority group (column A) by the predicted self-employment rate as it would be if minority groups faced the same market structure as nonminority males (column C). Next, MGT calculated the difference between the predicted self-employment rate as it would be if minority

groups faced the same market structure as nonminority males and the observed self-employment rate for that minority group, and divided this value by the difference between the observed self-employment rate for nonminority males and the self-employment rate for a particular minority group. In the absence of discrimination, this number is zero, which means disparities in self-employment rates between minority groups and nonminority males can be attributed to differences in group characteristics not associated with discrimination. Conversely, as this value approaches 1.0, disparities are increasingly attributed to discrimination in the marketplace.

## FINDINGS

Examining the results reported in **Exhibit L-4**, MGT found the following:

- ◆ Overall, comparing self-employed nonminority males with self-employed Native Americans in Alaska, over 77 percent of the disparity in self-employment rates was attributable to race differences.
- ◆ Comparing self-employed nonminority males with self-employed Native Americans in Alaska professional services industry, over 59 percent of the disparity in self-employment rates was attributable to race differences.
- ◆ Comparing self-employed nonminority males with self-employed nonminority women in Alaska professional services industry, over 86 percent of the disparity in self-employment rates was attributable to gender differences.
- ◆ Comparing self-employed nonminority males with self-employed Native Americans in Alaska other services, over 23 percent of the disparity in self-employment rates was attributable to race differences.
- ◆ Comparing self-employed nonminority males with self-employed Native Americans in Alaska goods and supplies industry, over 99 percent of the disparity in self-employment rates was attributable to race differences.

## 5. SUMMARY OF SELF-EMPLOYMENT ANALYSIS FINDINGS

In general, findings from the PUMS 2011 data indicate that minorities were significantly less likely than nonminority males to be self-employed and, if they were self-employed, they earned significantly less in 2011 than did self-employed nonminority males. When self-employment rates were stratified by race and by business type, trends varied within individual race-by-type cells, but disparities persisted, in general, for all minorities and nonminority women. When group self-employment rates were submitted to MGT's disparity-due-to-minority-status analysis, findings supported the conclusion that disparities for these groups (of adequate sample size to permit interpretation) were likely the result of differences in the marketplace due to race, gender, and ethnicity.<sup>5</sup>

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<sup>5</sup>Section 6 reports self-employment rates and earnings in greater detail by race, ethnicity, and gender and business type.



## 6. PUMS REGRESSION ANALYSIS

### EXHIBIT L-5 RESULTS OF LOGISTIC REGRESSION EXPLANATION OF RESULTS AND VARIABLES

#### LOGISTIC REGRESSION OUTPUT

Below, variable names and operational definitions are provided. When interpreting **Exhibits L-5A to L-5E**, the third column— Exp (B) — is the most informative index with regard to the influence of the independent variables on the likelihood of being self-employed. From the inverse of this value, a likelihood value of its effect on self-employment can be interpreted. For example the Exp (B) for a Native American is .565 from **Exhibit L-5A**, the inverse of this is 1.77. This means that a nonminority male is 1.77 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 (“-” suggests 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  
Gender: Nonminority woman or not

##### **Other indicator variables:**

Marital Status: Married or not  
Age  
Age<sup>2</sup>: 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

EXHIBIT L-5A  
RESULTS OF LOGISTIC REGRESSION  
OVERALL, STATE OF ALASKA

	B	Sig.	Exp (B)
African American	-0.894	0.237	0.409
Hispanic American	-0.356	0.411	0.700
Asian American	<b>-0.775</b>	0.052	0.461
Native American	<b>-0.571</b>	0.019	0.565
Gender (1=Female)	<b>-0.517</b>	0.017	0.596
Marital Status (1=Married)	0.118	0.514	1.126
Age	-0.019	0.652	0.981
Age <sup>2</sup>	0.001	0.179	1.001
Disability (1=Yes)	-0.174	0.545	0.840
Tenure (1=Yes)	<b>0.758</b>	0.001	2.135
Value	<b>0.000</b>	0.005	1.000
Mortgage	0.000	0.223	1.000
Unearn	0.000	0.354	1.000
Resdinc	0.000	0.804	1.000
P65	-0.172	0.454	0.842
P18	0.176	0.349	1.192
Some College (1=Yes)	0.123	0.823	1.131
College Graduate (1=Yes)	-1.183	0.252	0.306
More than College (1=Yes)	0.108	0.540	1.114
Number of Observations	1575		
Chi-squared statistic (df=19)	137.677		
Log Likelihood	-1072.77		

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

Estimation was conducted using the Binary Logistic command on SPSS (Statistical Package for the Social Sciences). 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.

EXHIBIT L-5B  
RESULTS OF LOGISTIC REGRESSION  
CONSTRUCTION, STATE OF ALASKA

	B	Sig.	Exp (B)
African American	-20.075	0.999	0.000
Hispanic American	0.944	0.229	2.569
Asian American	0.055	0.950	1.057
Native American	-0.284	0.442	0.753
Gender (1=Female)	-0.169	0.742	0.844
Marital Status (1=Married)	0.261	0.407	1.298
Age	<b>-0.142</b>	0.046	0.868
Age <sup>2</sup>	<b>0.002</b>	0.018	1.002
Disability (1=Yes)	-0.028	0.953	0.973
Tenure (1=Yes)	<b>0.915</b>	0.017	2.496
Value	0.000	0.850	1.000
Mortgage	0.000	0.361	1.000
Unearn	0.000	0.665	1.000
Resdinc	0.000	0.223	1.000
P65	0.184	0.626	1.202
P18	0.217	0.510	1.242
Some College (1=Yes)	0.735	0.368	2.086
College Graduate (1=Yes)	-0.213	0.847	0.808
More than College (1=Yes)	0.139	0.624	1.150
Number of Observations	397		
Chi-squared statistic (df=19)	42.300		
Log Likelihood	-359.416		

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

Estimation was conducted using the Binary Logistic command on SPSS (Statistical Package for the Social Sciences). 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.

EXHIBIT L-5C  
RESULTS OF LOGISTIC REGRESSION  
PROFESSIONAL SERVICES

	B	Sig.	Exp (B)
African American	-0.459	0.758	0.632
Hispanic American	-20.217	0.999	0.000
Asian American	-1.011	0.375	0.364
Native American	-2.069	0.018	0.126
Gender (1=Female)	<b>-1.982</b>	0.001	0.138
Marital Status (1=Married)	-0.694	0.194	0.500
Age	0.079	0.635	1.083
Age <sup>2</sup>	0.000	0.948	1.000
Disability (1=Yes)	-1.163	0.319	0.313
Tenure (1=Yes)	0.317	0.661	1.373
Value	0.000	0.206	1.000
Mortgage	0.000	0.504	1.000
Unearn	0.000	0.489	1.000
Resdinc	0.000	0.161	1.000
P65	-0.737	0.237	0.479
P18	-0.819	0.140	0.441
Some College (1=Yes)	<b>-18.763</b>	0.999	0.000
College Graduate (1=Yes)	-15.878	0.999	0.000
More than College (1=Yes)	0.974	0.147	2.648
Number of Observations	329		
Chi-squared statistic (df=19)	59.414		
Log Likelihood	-141.455		

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

Estimation was conducted using the Binary Logistic command on SPSS (Statistical Package for the Social Sciences). 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.

EXHIBIT L-5D  
RESULTS OF LOGISTIC REGRESSION  
OTHER SERVICES

	B	Sig.	Exp (B)
African American	-0.122	0.918	0.886
Hispanic American	0.416	0.576	1.515
Asian American	0.295	0.610	1.344
Native American	-0.116	0.807	0.890
Gender (1=Female)	0.264	0.447	1.302
Marital Status (1=Married)	0.403	0.229	1.496
Age	0.000	0.998	1.000
Age <sup>2</sup>	0.001	0.599	1.001
Disability (1=Yes)	-0.269	0.609	0.764
Tenure (1=Yes)	0.893	0.036	2.443
Value	<b>0.000</b>	0.031	1.000
Mortgage	0.000	0.404	1.000
Unearn	0.000	0.641	1.000
Resdinc	0.000	0.241	1.000
P65	-0.956	0.060	0.385
P18	0.470	0.163	1.600
Some College (1=Yes)	-0.720	0.539	0.487
College Graduate (1=Yes)	-19.306	0.999	0.000
More than College (1=Yes)	-0.114	0.720	0.892
Number of Observations	516		
Chi-squared statistic (df=19)	68.039		
Log Likelihood	-345.357		

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

Estimation was conducted using the Binary Logistic command on SPSS (Statistical Package for the Social Sciences). 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.

EXHIBIT L-5E  
RESULTS OF LOGISTIC REGRESSION  
GOODS AND SUPPLIES

	B	Sig.	Exp (B)
African American	-18.334	0.998	0.000
Hispanic American	-1.091	0.333	0.336
Asian American	-18.722	0.997	0.000
Native American	-0.650	0.456	0.522
Gender (1=Female)	-0.239	0.707	0.787
Marital Status (1=Married)	-0.198	0.741	0.820
Age	0.115	0.387	1.122
Age <sup>2</sup>	-0.001	0.522	0.999
Disability (1=Yes)	-0.107	0.901	0.899
Tenure (1=Yes)	0.020	0.982	1.020
Value	0.000	0.591	1.000
Mortgage	0.001	0.145	1.001
Unearn	<b>0.000</b>	0.037	1.000
Resdinc	0.000	0.360	1.000
P65	0.345	0.617	1.412
P18	-0.702	0.309	0.496
Some College (1=Yes)	-16.849	0.999	0.000
College Graduate (1=Yes)	-17.936	0.999	0.000
More than College (1=Yes)	-0.249	0.661	0.779
Number of Observations	333		
Chi-squared statistic (df=19)	37.708		
Log Likelihood	-119.011		

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

Estimation was conducted using the Binary Logistic command on SPSS (Statistical Package for the Social Sciences). 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.

EXHIBIT L-6  
RESULTS OF LINEAR REGRESSION  
EXPLANATION OF RESULTS AND VARIABLES

Below, variable names and operational definitions are provided. When interpreting the linear regression **Exhibits L-6A to L-6E**, the first column—Unstandardized B—is the most informative index with regard to the influence of the independent variables on the earnings of a self-employed individual. Each number in this column represents a percentage change in earnings. For example, the corresponding number for a nonminority woman is -.765, from **Exhibit L-6A**, meaning that a nonminority woman will earn 76.5 percent less than a nonminority male. The other four 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. Standard error (Std. Error column) reports the standard deviation in the sampling distribution. Standardized B (B column) reports the standard deviation change in the dependent variable from one standard deviation increase in the independent variable. The t-statistic (t column) and Sig. Value (Sig. column) simply report the level and strength of a variable's significance.

#### VARIABLES

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

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

##### Other indicator variables:

- Marital Status: Married or not
- Disability: Individuals self-reported health-related disabilities
- Age
- Age<sup>2</sup>: 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

EXHIBIT L-6A  
RESULTS OF LINEAR REGRESSION  
OVERALL, STATE OF ALASKA

	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
African American	<b>-1.428</b>	0.669	-0.142	-2.134	0.034
Hispanic American	<b>-0.802</b>	0.393	-0.147	-2.041	0.043
Asian American	-0.093	0.362	-0.018	-0.258	0.797
Native American	<b>-0.599</b>	0.204	-0.216	-2.939	0.004
Nonminority Women (1=Female)	<b>-0.765</b>	0.176	-0.300	-4.338	0.000
Marital Status (1=Married)	0.118	0.153	0.055	0.769	0.443
Disability (1=Yes)	0.092	0.230	0.027	0.399	0.690
Age	<b>0.056</b>	0.035	0.729	1.620	0.107
Age <sup>2</sup>	-0.001	0.000	-0.778	-1.744	0.083
Speaks English Well (1=Yes)	-0.286	0.221	-0.099	-1.295	0.197
Some College (1=Yes)	-0.704	0.445	-0.110	-1.580	0.116
College Graduate (1=Yes)	-0.872	0.936	-0.061	-0.931	0.353
More than College (1=Yes)	0.006	0.150	0.003	0.039	0.969
Constant	9.794	0.800		12.239	0.000

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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



EXHIBIT L-6B  
RESULTS OF LINEAR REGRESSION  
CONSTRUCTION, STATE OF ALASKA

	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
Hispanic American	-0.720	0.571	-0.139	-1.261	0.212
Asian American	-0.618	0.651	-0.098	-0.949	0.346
Native American	<b>-0.880</b>	0.270	-0.373	-3.261	0.002
Nonminority Women (1=Female)	<b>-0.973</b>	0.415	-0.260	-2.344	0.022
Marital Status (1=Married)	<b>0.510</b>	0.238	0.248	2.149	0.035
Disability (1=Yes)	0.355	0.337	0.124	1.055	0.295
Age	0.085	0.046	1.276	1.853	0.068
Age <sup>2</sup>	<b>-0.001</b>	0.000	-1.398	-2.017	0.048
Speaks English Well (1=Yes)	-0.334	0.304	-0.125	-1.098	0.276
Some College (1=Yes)	-0.522	0.494	-0.115	-1.057	0.294
College Graduate (1=Yes)	-1.044	0.902	-0.118	-1.157	0.251
More than College (1=Yes)	0.044	0.224	0.022	0.195	0.846
Constant	9.052	1.041		8.697	0.000

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

EXHIBIT L-6C  
RESULTS OF LINEAR REGRESSION  
PROFESSIONAL SERVICES, STATE OF ALASKA

	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
African American	-0.772	1.575	-0.124	-0.490	0.629
Asian American	0.976	1.601	0.156	0.609	0.549
Native American	-0.793	1.634	-0.176	-0.485	0.633
Nonminority Women (1=Female)	-0.294	0.742	-0.098	-0.397	0.696
Marital Status (1=Married)	-0.087	0.838	-0.037	-0.104	0.919
Disability (1=Yes)	-1.311	1.920	-0.210	-0.683	0.503
Age	0.043	0.319	0.407	0.135	0.894
Age <sup>2</sup>	-0.001	0.003	-0.585	-0.204	0.841
Speaks English Well (1=Yes)	-0.251	0.999	-0.067	-0.251	0.804
More than College (1=Yes)	0.508	1.251	0.169	0.406	0.689
Constant	10.904	8.007		1.362	0.189

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

EXHIBIT L-6D  
RESULTS OF LINEAR REGRESSION  
OTHER SERVICES, STATE OF ALASKA

	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
African American	-2.109	0.794	-0.295	-2.656	0.010
Hispanic American	-0.253	0.606	-0.060	-0.417	0.678
Asian American	0.578	0.702	0.175	0.823	0.414
Native American	-0.230	0.335	-0.091	-0.685	0.496
Nonminority Women (1=Female)	<b>-0.678</b>	0.223	-0.372	-3.037	0.004
Marital Status (1=Married)	0.158	0.247	0.083	0.640	0.525
Disability (1=Yes)	0.620	0.356	0.205	1.743	0.087
Age	-0.042	0.059	-0.589	-0.708	0.482
Age <sup>2</sup>	0.000	0.001	0.557	0.690	0.493
Speaks English Well (1=Yes)	-0.860	0.578	-0.355	-1.488	0.142
Some College (1=Yes)	-0.271	1.015	-0.038	-0.267	0.790
More than College (1=Yes)	0.062	0.223	0.032	0.279	0.781
Constant	11.652	1.389		8.389	0.000

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

EXHIBIT L-6E  
RESULTS OF LINEAR REGRESSION  
GOODS AND SUPPLIES, STATE OF ALASKA

	Unstandardized		Standardized		Sig.
	B	Std. Error	B	t	
Hispanic American	-2.025	2.080	-0.417	-0.974	0.351
Native American	0.404	0.952	0.115	0.424	0.680
Nonminority Women (1=Female)	-0.822	0.704	-0.339	-1.167	0.268
Marital Status (1=Married)	-0.225	0.719	-0.106	-0.313	0.760
Disability (1=Yes)	-1.210	0.960	-0.344	-1.260	0.234
Age	-0.030	0.179	-0.333	-0.167	0.871
Age <sup>2</sup>	0.000	0.002	0.224	0.114	0.911
Speaks English Well (1=Yes)	-0.223	1.373	-0.063	-0.162	0.874
More than College (1=Yes)	-0.127	0.699	-0.055	-0.182	0.859
Constant	12.126	4.158		2.916	0.014

Source: The Public Use Microdata Samples (PUMS) data from 2011 American Community Survey and Calculations using SPSS (Statistical Package for the Social Sciences).

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

***APPENDIX M: METHODOLOGY FOR  
CALCULATION OF DBE ANNUAL GOALS  
FOR FHWA, FAA, AND FTA***

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## APPENDIX M: METHODOLOGY FOR CALCULATION OF DBE ANNUAL GOALS FOR FHWA, FAA, AND FTA

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 (ADOT&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 ADOT&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 **Exhibit M1** below, based on the availability used by MGT of America, Inc. (MGT), for the ADOT&PF's 2014 Disparity Study.

EXHIBIT M1  
PROPOSED DBE GOALS  
FHWA, FAA, FTA

Mode	Proposed DBE Goal
FHWA	3.60%
FAA	2.80%
FTA	5.00%

### 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. ADOT&PF started the goal setting with a base figure for the relative availability of DBEs.

#### HIGHWAY CONSTRUCTION – STEP I

1. The study period for the ADOT&PF 2014 Disparity Study is October 1, 2006, through September 30, 2011.
2. The 2014 ADOT&PF Disparity Study found the state of Alaska to be the relevant market area.<sup>1</sup> To arrive at this conclusion, MGT staff reviewed the geographic location by using MGT's Zone

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<sup>1</sup> ADOT&PF Disparity Study (2014), **Exhibit 4B**.

Improvement Plan (ZIP) Code Database of each firm conducting business with ADOT&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.

3. DBE utilization and availability was based on projects with FHWA, FAA, and FTA assistance during the five-year study period of the 2014 Disparity Study.
4. The overall DBE goal uses available construction and professional service agreement (PSA) firms.
5. ADOT&PF's planholders' list was used to calculate the availability of prime contractors on construction projects. This availability analysis was based on firms located in the state of Alaska that were identified as general contractors and had obtained plans/proposals on projects awarded during the study period.<sup>2</sup> No prime contractor bidder or prequalification data was available for the study. Prime construction availability by work code was also not available for all prime contractors for the 2014 Disparity Study, although the absence of this data was not a significant factor given the very small DBE prime construction availability.
6. Availability estimates for construction at the subcontractor level were based on firms represented in the 2014 Disparity Study's custom census, as well as firms represented in the prime construction availability. No subcontractor bidder or vendor data was available for the study.

Custom census involves using Dun & Bradstreet, a current data source that contains individual firms, as well as firm revenue, number of employees, and specific areas of work.

MGT pulled a random sample of firms from Dun & Bradstreet. The sample was limited to firms located in the state of Alaska and identified as providing construction services. These services were identified based on the six-digit North American Industry Classification System (NAICS) codes provided in the Dun & Bradstreet data. Once the sample was pulled, MGT staff cross referenced these firms with the state of Alaska's Department of Commerce, Community, and Economic Development's Division of Corporations, Business, and Professional Licensing database. Once this process was completed, MGT conducted a short survey of the sampled firms. Firms were asked:

- ◆ Ethnicity, race, and gender information.
- ◆ Had they bid or considered bidding on ADOT&PF projects, which indicates the firm's interest/willingness.
- ◆ When bidding on projects (not limited ADOT&PF projects), if they primarily bid as prime contractor, subcontractor, or both.

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<sup>2</sup> ADOT&PF *Disparity Study* (2014), **Chapter V, Section 1**.

7. Vendor data was used to calculate the availability estimates for prime consultants on PSA projects. Vendor data was extracted from ADOT&PF's BizTrak data management system.
8. The 2014 Disparity Study did not estimate PSA subcontractor availability because of the very small expenditure on PSA subcontracting. PSA subcontracting was less than \$1 million, about 0.05 percent of ADOT&PF's spending in the 2014 Disparity Study.
9. The current ADOT&PF DBE directory was the source for DBEs. The DBE list was limited to construction firms and PSA firms located in Alaska. DBE suppliers, concessionaires, and other unrelated firms were excluded from the goal setting process.
10. This process resulted in the DBE availability estimates by procurement category shown in **Exhibit M2** below:

EXHIBIT M2  
ESTIMATED DBE AVAILABILITY  
2014

Category	DBE Availability
Construction Prime Contractors	1.3%
Construction Subcontractors	11.7%
PSA Prime Contractors	1.8%

11. The estimated DBE availability in **Exhibit M2** was then weighted by expenditures for each mode and procurement category. The weights are presented in **Exhibit M3** below:

EXHIBIT M3  
WEIGHTS BY MODE, BY PROCUREMENT CATEGORY

Category	Mode		
	FHWA	FAA	FTA
Construction Prime Contractors	75.2%	80.6%	49.5%
Construction Subcontractors	21.7%	14.7%	34.2%
PSA Prime Contractors	3.1%	4.7%	16.3%

12. The weights from **Exhibit M3** are then multiplied by the availability for each procurement category for each mode. This calculation results in proposed DBE annual goals, shown in **Exhibit M4** below:

EXHIBIT M4  
PROPOSED DBE GOALS  
FHWA, FAA, FTA

Mode	Proposed DBE Goal
FHWA	3.60%
FAA	2.80%
FTA	5.00%



**STEP TWO – ADJUSTING THE BASE FIGURE**

1. **Median DBE Utilization.** The median ADOT&PF DBE utilization on FHWA-, FAA-, and FTA-assisted projects during the study period is presented in **Exhibit M5** below.<sup>3</sup> The FHWA and FAA median DBE utilization numbers are not far from the proposed DBE goals, although the 2014 Disparity Study calculated utilization and availability using a different method. For example, the median DBE utilization in **Exhibit M5** is not based solely on firms within the relevant market. The FTA numbers in particular do not match the results of the 2014 Disparity Study. Given the differences in measurement and the problems with the FTA numbers, the proposed goals make no adjustment for median DBE utilization.

EXHIBIT M5  
 MEDIAN DBE UTILIZATION  
 FHWA, FAA, FTA  
 FY 2007-FY 2011

Mode	Median DBE Utilization
FHWA	4.0%
FAA	5.0%
FTA	0%

2. **"But For" Discrimination.** The 2014 Disparity Study provides some evidence of lower rates of entry into and earnings from self-employment for women and minorities.<sup>4</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 ADOT&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. ADOT&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.

<sup>3</sup> ADOT&PF, *Disparity Study* (2014), **Exhibit 3B**.

<sup>4</sup> ADOT&PF, *Disparity Study* (2014), **Appendix L**.