

**FFY2014-16**  
**ANTICIPATED DBE PARTICIPATION LEVEL (ADPL) METHODOLOGY**

The methodology to calculate an agency's DBE participation target is a two-step process described in 49 CFR Part 26. Step One of the methodology establishes a base figure for the anticipated new federally-funded contracts to be awarded during federal fiscal years 2013-14 through 2015-16 (FFY2014-16). As part of this program, the TJPA must establish a triennial target for DBE participation in all new contracts that are planned to be funded with Federal Transit Administration (FTA) funds, so this calculation has been done for contracts expected to be awarded between October 1, 2013 and September 30, 2016.

The base figure is derived from the relative availability of DBEs that are ready, willing, and able to participate on these anticipated contracts. Step Two relies on the agency's knowledge of its contracting markets and previous history of DBE participation to determine if an adjustment to the base figure is needed. The calculation using the two-step methodology results in an FTA ADPL of 14.8% for FFY2014-16 for the TJPA; see Attachment 2. This methodology is outlined below.

**Step One Process: Census Bureau Data and DBE Directory**

The initial step in developing an ADPL is to determine the market area for consultants who have demonstrated an interest or are anticipated to participate in TJPA contracts. The counties in the TJPA's market area consist of the nine (9) Bay Area counties:

- Alameda County
- Contra Costa County
- Marin County
- Napa County
- San Francisco County
- San Mateo County
- Santa Clara County
- Solano County
- Sonoma County

Second, the work categories must be determined for the anticipated contracts. TJPA may award six federally-funded contracts in FFY2014-16: Independent Auditing Services, Specialized Legal Services (retail and/or federal counsel), Financial Services, Program Management/Program Controls, Public Relations & Outreach Services and Real Estate Economics Services.

The ratio of DBE firms to non-DBE firms must then be calculated by dividing the number of certified DBE firms ready, willing and able to work in the TJPA's market area by the total number of firms found in the same market area according to the US Census database (see Attachment 2.1, DBE Availability & Weighted Calculations (FTA Funded Contracts)). This is performed for each county and each type of activity.

Finally, the Step One Base Figure results from multiplying the DBE ratios for each work category by the estimated dollar amount for that category, and dividing the sum of those numbers by the total dollar amount estimated to be awarded.

$$\text{Step One Base Figure} = \frac{\text{Sum of DBE Ratio*Individual Contract Amount}}{\text{Total Contract Amount}} = 4.57\%$$

**The Step One Base Figure, weighted by type of work to be performed, is 4.6%.**

**Step Two Process: Adjustment to the Base Figure**

The purpose of the Step Two analysis is to determine if an upward or downward adjustment to the base ADPL is justified, based on relevant evidence available to TJPA. The TJPA's DBE participation history can assist in determining whether an adjustment to the Step One Base Figure is warranted.

TJPA has analyzed contracts that fall into the same NAICS work categories as those planned for award, and their average DBE participation levels through March of 2013:

Financial Services	61.3%
Public Relations/Outreach	14.3%

The past participation levels can be applied to adjust the FFY2014-16 Base Figure by category, by averaging the availability ratio and the previous participation percentage. The adjusted percentages are then used to repeat the Step One calculation, as shown in the attachments.

$$\text{Step Two Adjusted Figure} = \frac{\text{Sum of Adjusted DBE Ratio*Individual Contract Amount}}{\text{Total Contract Amount}} = 14.82\%$$

**The overall ADPL, or the Step Two Adjusted Figure, is 14.8%.**

Additionally, TJPA will continue to seek DBE participation to the maximum extent possible on contracts, regardless of funding source, and consequently has also calculated a programwide DBE target for agency reference of 7.5% of \$394,015,000 in planned contract awards (see attachments for calculations).



**ATTACHMENT 2.1  
FY 2013-16 DBE Availability Weighted Calculations  
(FTA Funded Contracts)**

**DBE Totals by County and Activity**

	<u>531390</u>	<u>54110</u>	<u>541211</u>	<u>541611</u>	<u>541820</u>
	Other Activities Related to Real Estate		Offices of Certified Public Accountants	Administrative Management, General Management	Public Relations Agencies
<b>Counties</b> <sup>(1,2)</sup>	Estate	Offices of Lawyers	Public	Management	Agencies
Alameda (510)	2	1	4	41	13
Contra Costa (925)	0	3	0	18	2
Napa, Solano, Sonoma (707)	0	3	0	11	2
San Francisco/Marin (415)	2	0	4	32	27
San Mateo (650)	0	0	0	1	0
Santa Clara (408)	1	0	0	9	3
<b>Totals</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>112</b>	<b>47</b>

**NAICS Totals by County and Activity**

	<u>531390</u>	<u>541110</u>	<u>541211</u>	<u>541611</u>	<u>541820</u>
	Other Activities Related to Real Estate		Offices of Certified Public Accountants	Administrative Management, General Management	Public Relations Agencies
<b>Counties</b> <sup>(1,3)</sup>	Estate	Offices of Lawyers	Public	Management	Agencies
Alameda (510)	62	733	199	304	30
Contra Costa (925)	64	527	226	245	17
Napa, Solano, Sonoma (707)	37	426	171	129	16
San Francisco/Marin (415)	129	1546	363	562	168
San Mateo (650)	34	331	145	215	22
Santa Clara (408)	87	981	329	432	43
<b>Totals</b>	<b>413</b>	<b>4544</b>	<b>1433</b>	<b>1887</b>	<b>296</b>

**Calculation of Step 1 Base Figure**

	<u>531390</u>	<u>541110</u>	<u>541211</u>	<u>541611</u>	<u>541820</u>
	Other Activities Related to Real Estate		Offices of Certified Public Accountants	Administrative Management, General Management	Public Relations Agencies
NAICS Code and Description	Estate	Offices of Lawyers	Public	Management	Agencies
DBE Totals for All Counties	5	7	8	112	47
NAICS Totals for All Counties	413	4544	1433	1887	296
DBE Totals/NAICS Totals	1.21%	0.15%	0.56%	5.94%	15.88%
Total Dollar Amount	\$500,000	\$600,000	\$250,000	\$1,000,000	\$350,000
DBE Participation Amount	\$6,053	\$924	\$1,396	\$59,353	\$55,574

**FY 2014-16 DBE Step One Base Figure** **\$123,301 / \$2,700,000 = 4.57%**

**Calculation of Step 2 Adjusted Figure**

Past DBE Participation	0%	0%	0%	61.3%	comparable
Adjusted Availability	-	-	-	33.61%	15.88%
DBE Participation Amount	\$6,053	\$924	\$1,396	\$336,113	\$55,574

**FY 2014-16 DBE Step Two Adjusted Figure** **\$400,060 / \$2,700,000 = 14.82%**

(1) Nine Bay Area Counties are Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma.

(2) Source of DBE Query Data: <http://www.dot.ca.gov/ucp/QuerySubmit.do>

(3) NAICS data is from the U.S. Census Bureau's 2010 County Business Patterns.



**ATTACHMENT 2.3  
FY 2013-16 DBE Availability Weighted Calculation  
(All Contracts)**

<b>DBE Totals by County and Activity</b>											
	<u>238110</u>	<u>238120</u>	<u>238130</u>	<u>238140</u>	<u>238150</u>	<u>238160</u>	<u>238190</u>	<u>238210</u>	<u>238220</u>	<u>238290</u>	<u>238310</u>
<b>Counties <sup>(1,2)</sup></b>	Poured Concrete Foundation & Structure Contractors	Structural Steel & Precast Concrete Contractors	Framing Contractors	Masonry Contractors	Glass & Glazing Contractors	Roofing Contractors	Other Foundation, Structure & Building Exterior Contractors	Contractors and Other Wiring Installation Contractors	Plumbing, Heating and Air- Conditioning Contractors	Other Building Equipment Contractors	Drywall & Insulation Contractors
Alameda (510)	16	8	8	1	2	4	6	20	6	0	5
Contra Costa (925)	5	2	2	0	0	0	1	3	1	1	1
Napa, Solano, Sonoma (707)	3	3	0	2	1	1	1	0	0	2	0
San Francisco/Marin (415)	7	5	2	4	1	2	3	13	5	1	3
San Mateo (650)	3	1	1	1	1	1	2	2	0	1	1
Santa Clara (408)	1	2	0	0	0	0	0	5	3	0	0
<b>Totals</b>	<b>35</b>	<b>21</b>	<b>13</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>43</b>	<b>15</b>	<b>5</b>	<b>10</b>

<b>NAICS Totals by County and Activity</b>											
<b>Counties <sup>(1,3)</sup></b>											
Alameda (510)	51	18	29	45	31	127	12	312	300	28	67
Contra Costa (925)	49	13	21	38	17	81	11	187	225	15	52
Napa, Solano, Sonoma (707)	94	15	43	70	21	103	19	240	310	16	124
San Francisco/Marin (415)	29	8	15	26	21	85	16	256	242	13	54
San Mateo (650)	33	9	10	23	15	59	7	174	201	11	44
Santa Clara (408)	88	13	26	46	27	113	15	358	377	23	99
<b>Totals</b>	<b>344</b>	<b>76</b>	<b>144</b>	<b>248</b>	<b>132</b>	<b>568</b>	<b>80</b>	<b>1527</b>	<b>1655</b>	<b>106</b>	<b>440</b>

<b>Calculation of Step 1 Base Figure</b>											
DBE Totals for All Counties	35	21	13	8	5	8	13	43	15	5	10
NAICS Totals for All Counties	344	76	144	248	132	568	80	1527	1655	106	440
DBE Totals/NAICS Totals	10.17%	27.63%	9.03%	3.23%	3.79%	1.41%	16.25%	2.82%	0.91%	4.72%	2.27%
Dollar Amount	\$37,600,000	\$2,000,000	\$3,200,000	\$5,700,000	\$29,400,000	\$5,700,000	\$26,900,000	\$78,600,000	\$34,000,000	\$15,800,000	\$2,300,000
Participation Amount	\$3,825,581	\$552,632	\$288,889	\$183,871	\$1,113,636	\$80,282	\$4,371,250	\$2,213,360	\$308,157	\$745,283	\$52,273

<b>Calculation of Step 2 Adjusted Figure</b>											
Past DBE Participation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Adjusted Availability	-	-	-	-	-	-	-	-	-	-	-
Participation Amount	\$3,825,581	\$552,632	\$288,889	\$183,871	\$1,113,636	\$80,282	\$4,371,250	\$2,213,360	\$308,157	\$745,283	\$52,273

(1) Nine Bay Area Counties are Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma.

(2) Source of DBE Query Data: <http://www.dot.ca.gov/ucp/QuerySubmit.do>

(3) NAICS data is from the U.S. Census Bureau's 2010 County Business Patterns.

**ATTACHMENT 2.3  
FY 2013-16 DBE Availability Weighted Calculation  
(All Contracts)**

<b>DBE Totals by County and Activity</b>													
	<u>238320</u>	<u>238340</u>	<u>238350</u>	<u>238390</u>	<u>238990</u>	<u>561730</u>	<u>237990</u>	<u>531390</u>	<u>541110</u>	<u>541211</u>	<u>541511</u>	<u>541820</u>	<u>541611</u>
<b>Counties</b> <sup>(1,2)</sup>	Painting & Wall Covering Contractors	Tile & Terrazzo Contractors	Finish Carpentry Contractors	Other Building Finishing Contractors	All Other Specialty Trade Contractors	Landscaping Services	Other Heavy Civil Engineering Construction	Other Activities Related to Real Estate	Offices of Lawyers	Offices of Certified Public Accountants	Custom Computer Programming Services	Public Relations Agencies	Administrative Management, General Management
Alameda (510)	6	4	11	3	30	4	2	2	1	4	13	13	41
Contra Costa (925)	2	0	0	0	6	4	16	0	3	0	9	2	18
Napa, Solano, Sonoma (707)	1	0	0	0	6	2	9	0	3	0	17	2	11
San Francisco/Marin (415)	3	0	2	1	22	1	3	2	0	4	2	27	32
San Mateo (650)	1	2	1	1	10	2	6	0	0	0	4	0	1
Santa Clara (408)	5	0	1	0	9	2	6	1	0	0	14	3	9
<b>Totals</b>	<b>18</b>	<b>6</b>	<b>15</b>	<b>5</b>	<b>83</b>	<b>15</b>	<b>42</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>59</b>	<b>47</b>	<b>112</b>

<b>NAICS Totals by County and Activity</b>													
<b>Counties</b> <sup>(1,3)</sup>	146	40	76	39	85	260	11	62	733	199	682	30	304
Alameda (510)	146	40	76	39	85	260	11	62	733	199	682	30	304
Contra Costa (925)	148	31	56	19	78	304	16	64	527	226	258	17	245
Napa, Solano, Sonoma (707)	199	69	94	31	90	366	20	37	426	171	122	16	129
San Francisco/Marin (415)	203	39	71	18	59	222	7	129	1546	363	749	168	562
San Mateo (650)	131	36	40	22	59	261	3	34	331	145	351	22	215
Santa Clara (408)	222	73	99	42	133	419	9	87	981	329	1453	43	432
<b>Totals</b>	<b>1049</b>	<b>288</b>	<b>436</b>	<b>171</b>	<b>504</b>	<b>1832</b>	<b>66</b>	<b>413</b>	<b>4544</b>	<b>1433</b>	<b>3615</b>	<b>296</b>	<b>1887</b>

<b>Calculation of Step 1 Base Figure</b>													
DBE Totals for All Counties	18	6	15	5	83	15	42	5	7	8	59	47	112
NAICS Totals for All Counties	1049	288	436	171	504	1832	66	413	4544	1433	3615	296	1887
DBE Totals/NAICS Totals	1.72%	2.08%	3.44%	2.92%	16.47%	0.82%	63.64%	1.21%	0.15%	0.56%	1.63%	15.88%	5.94%
Dollar Amount	\$900,000	\$5,500,000	\$1,300,000	\$44,300,000	\$55,400,000	\$23,500,000	\$6,700,000	\$500,000	\$600,000	\$250,000	\$15,000	\$350,000	\$13,500,000
Participation Amount	\$15,443	\$114,583	\$44,725	\$1,295,322	\$9,123,413	\$192,413	\$4,263,636	\$6,053	\$924	\$1,396	\$245	\$55,574	\$801,272

**FY 2014-16 DBE Step One Base Figure: \$29,650,212 / \$394,015,000 = 7.53%**

<b>Calculation of Step 2 Adjusted Figure</b>													
Past DBE Participation	0%	0%	0%	0%	0%	0%	21.07%	0%	0%	0%	0%	comparable	24.4% PMPC
Adjusted Availability	-	-	-	-	-	-	42.36%	-	-	-	-	15.88%	61.3% Financial 15.2% PMPC
Participation Amount	\$15,443	\$114,583	\$44,725	\$1,295,322	\$9,123,413	\$192,413	\$2,837,819	\$6,053	\$924	\$1,396	\$245	\$55,574	33.61% Financial \$1,900,000 PMPC \$336,100 Financial

**FY 2014-16 DBE Step Two Adjusted Figure: \$29,659,223 / \$394,015,000 7.53%**