

US EPA ARCHIVE DOCUMENT

**A4: Cumulative Total Population Point Locations -- St. James Parish**

Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African Americans in Proximity	Expected Estimated Number of African Americans in Proximity	Estimated # of African Americans Above Expected (Exceedance) in Proximity	Of Proximate Population % African American	% of African American Population in Geographic Area in Proximity (p1)	Estimated Number of Non-African Americans in Proximity	Of Proximate Population % Non-African American	% of Non-African American Population in Geographic Area in Proximity (p2)	Number of Standard Deviations	Ratio of % African Americans in Proximity (p1 / p2)
<b>All TRI</b>											
(9/9*)											
4 Miles	16,433	8,793	8,152	641	53.5	84.9	7,640	46.5	72.6	21.69	1.17
2 Miles	9,605	4,564	4,765	(201)	47.5	44.1	5,041	52.5	47.9	5.57	0.92
1 Mile	4,001	930	1,985	(1,055)	23.2	9.0	3,071	76.8	29.2	37.09	0.31
<b>TRI SICS</b>											
(2/2*)											
4 Miles	11,284	5,740	5,597	143	50.9	55.4	5,544	49.1	52.7	3.96	1.05
2 Miles	2,935	992	1,456	(464)	33.8	9.6	1,943	66.2	18.5	18.47	0.52
1 Mile	21	1	10	(9)	4.8	0.0	20	95.2	0.2	4.11	0.05
<b>TRI SICS &gt; 100K lbs.</b>											
(1/1*)											
4 Miles	8,313	3,207	4,124	(917)	38.6	31.0	5,106	61.4	48.5	25.92	0.64
2 Miles	2,624	735	1,302	(567)	28.0	7.1	1,889	72.0	18.0	23.66	0.40
1 Mile	16	0	8	(8)	0.0	0.0	16	100.0	0.2	3.97	0.00
<b>TRI SICS &gt; 20K lbs.</b>											
(1/1*)											
4 Miles	8,313	3,207	4,124	(917)	38.6	31.0	5,106	61.4	48.5	25.92	0.64
2 Miles	2,624	735	1,302	(567)	28.0	7.1	1,889	72.0	18.0	23.66	0.40
1 Mile	16	0	8	(8)	0.0	0.0	16	100.0	0.2	3.97	0.00
<b>TRI &gt; 100K lbs.</b>											
(4/6*)											
4 Miles	12,910	6,493	6,404	89	50.3	62.7	6,417	49.7	61.0	2.54	1.03
2 Miles	4,182	1,916	2,074	(158)	45.8	18.5	2,266	54.2	21.5	5.48	0.86
1 Mile	210	137	104	33	65.2	1.3	73	34.8	0.7	4.55	1.91
<b>TRI &gt; 20K lbs.</b>											
(4/7*)											
4 Miles	12,910	6,493	6,404	89	50.3	62.7	6,417	49.7	61.0	2.54	1.03
2 Miles	4,182	1,916	2,074	(158)	45.8	18.5	2,266	54.2	21.5	5.48	0.86
1 Mile	238	137	118	19	57.6	1.3	101	42.4	1.0	2.47	1.38
<b>TRI &gt; 0 lbs.</b>											
(7/9*)											
4 Miles	15,678	8,150	7,777	373	52.0	78.7	7,528	48.0	71.5	11.94	1.10
2 Miles	8,979	4,205	4,454	(249)	46.8	40.6	4,774	53.2	45.4	6.96	0.89
1 Mile	3,867	869	1,918	(1,049)	22.5	8.4	2,998	77.5	28.5	37.38	0.29

\* Indicates number of facilities in St. James/number of facilities outside of St. James contributing to population estimates.

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<b>All TEDI</b>											
<i>(4/8*)</i>											
4 Miles	9,100	4,565	4,514	51	50.2	44.1	4,535	49.8	43.1	1.42	1.02
2 Miles	1,887	1,471	936	535	78.0	14.2	416	22.0	4.0	25.82	3.59
1 Mile	225	136	112	24	60.4	1.3	89	39.6	0.8	3.27	1.55
<b>TEDI &gt; 100K lbs.</b>											
<i>(3/6*)</i>											
4 Miles	5,262	3,747	2,610	1,137	71.2	36.2	1,515	28.8	14.4	36.24	2.51
2 Miles	1,623	1,247	805	442	76.8	12.0	376	23.2	3.6	22.84	3.37
1 mile	193	136	96	40	70.5	1.3	57	29.5	0.5	5.82	2.42
<b>TEDI &gt; 20K lbs.</b>											
<i>(3/7*)</i>											
4 Miles	5,262	3,747	2,610	1,137	71.2	36.2	1,515	28.8	14.4	36.24	2.51
2 Miles	1,623	1,247	805	442	76.8	12.0	376	23.2	3.6	22.84	3.37
1 Mile	221	136	110	26	61.5	1.3	85	38.5	0.8	3.57	1.63

\* Indicates number of facilities in St. James/number of facilities outside of St. James contributing to population estimates.