

US EPA ARCHIVE DOCUMENT

A5: Cumulative Total Population Polygons -- 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)
All TRI											
<i>(9/9*)</i>											
4 Miles	16,936	9,162	8,401	761	54.1	88.5	7,774	45.9	73.9	26.91	1.17
2 Miles	10,609	5,051	5,263	(212)	47.6	48.8	5,558	52.4	52.8	5.86	0.92
1 Mile	5,026	1,566	2,493	(927)	31.2	15.1	3,460	68.8	32.9	30.02	0.31
TRI SICS											
<i>(2/2*)</i>											
4 Miles	11,741	5,943	5,824	119	50.6	57.4	5,798	49.4	55.1	3.32	1.05
2 Miles	3,721	1,270	1,846	(576)	34.1	12.3	2,451	65.9	23.3	20.83	0.52
1 Mile	41	4	20	(16)	9.8	0.0	37	90.2	0.4	5.11	0.05
TRI SICS > 100K lbs.											
<i>(1/1*)</i>											
4 Miles	8,497	3,288	4,215	(927)	38.7	31.7	5,209	61.3	49.5	26.12	0.64
2 Miles	3,183	817	1,579	(762)	25.7	7.9	2,366	74.3	22.5	29.34	0.40
1 Mile	20	0	10	(10)	0.0	0.0	20	100.0	0.2	4.44	0.00
TRI SICS > 20K lbs.											
<i>(1/1*)</i>											
4 Miles	8,497	3,288	4,215	(927)	38.7	31.7	5,209	61.3	49.5	26.12	0.64
2 Miles	3,183	817	1,579	(762)	25.7	7.9	2,366	74.3	22.5	29.34	0.40
1 Mile	20	0	10	(10)	0.0	0.0	20	100.0	0.2	4.44	0.00
TRI > 100K lbs.											
<i>(4/6*)</i>											
4 Miles	14,935	7,334	7,408	(74)	49.1	70.8	7,601	50.9	72.2	2.28	1.03
2 Miles	5,727	2,598	2,841	(243)	45.4	25.1	3,129	54.6	29.7	7.53	0.86
1 Mile	978	750	485	265	76.7	7.2	228	23.3	2.2	17.35	1.91
TRI > 20K lbs.											
<i>(4/7*)</i>											
4 Miles	14,935	7,334	7,408	(74)	49.1	70.8	7,601	50.9	72.2	2.28	1.03
2 Miles	5,727	2,598	2,841	(243)	45.4	25.1	3,129	54.6	29.7	7.53	0.86
1 Mile	978	750	485	265	76.7	7.2	228	23.3	2.2	17.35	1.38
TRI > 0 lbs.											
<i>(7/9*)</i>											
4 Miles	16,579	8,834	8,224	610	53.3	85.3	7,745	46.7	73.6	20.88	1.10
2 Miles	10,405	4,765	5,161	(396)	45.8	46.0	5,640	54.2	53.6	10.97	0.89
1 Mile	4,837	1,502	2,399	(897)	31.1	14.5	3,335	68.9	31.7	29.44	0.29

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