

US EPA ARCHIVE DOCUMENT

B7: Multiple Facility Analysis Polygons -- St. James Parish											Polygons 1 of 3	
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 (9/9*)												
4 Miles												
1 Site	2,496	1,874	1,238	636	75.1%	18.1%	622	24.9%	5.9%	27.13	3.06	
2-3 Sites	6,194	3,450	3,073	377	55.7%	33.3%	2,744	44.3%	26.1%	11.44	1.28	
4 or More Sites	8,245	3,838	4,090	(252)	46.5%	37.1%	4,407	53.5%	41.9%	7.13	0.88	
2 Miles												
1 Site	3,624	2,479	1,798	681	68.4%	23.9%	1,145	31.6%	10.9%	24.90	2.20	
2-3 Sites	6,754	2,429	3,350	(921)	36.0%	23.5%	4,325	64.0%	41.1%	27.26	0.57	
4 or More Sites	223	139	111	28	62.3%	1.3%	84	37.7%	0.8%	3.82	1.68	
1 Mile												
1 Site	3,917	891	1,943	(1,052)	22.7%	8.6%	3,026	77.3%	28.8%	37.30	0.30	
2-3 Sites	1,099	675	545	130	61.4%	6.5%	424	38.6%	4.0%	8.05	1.62	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI SICs (2/2*)												
4 Miles												
1 Site	5,906	4,156	2,930	1,226	70.4%	40.1%	1,750	29.6%	16.6%	37.69	2.41	
2-3 Sites	5,834	1,788	2,894	(1,106)	30.6%	17.3%	4,046	69.4%	38.5%	34.11	0.45	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	3,695	1,270	1,833	(563)	34.4%	12.3%	2,425	65.6%	23.0%	20.42	0.53	
2-3 Sites	4	0	2	(2)	0.0%	0.0%	4	100.0%	0.0%	1.98	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	41	4	20	(16)	9.8%	0.0%	37	90.2%	0.4%	5.11	0.11	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI SICs > 100K lbs. (1/1*)												
4 Miles												
1 Site	8,484	3,280	4,208	(928)	38.7%	31.7%	5,204	61.3%	49.5%	26.17	0.64	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	3,158	815	1,567	(752)	25.8%	7.9%	2,343	74.2%	22.3%	29.03	0.35	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	20	0	10	(10)	0.0%	0.0%	20	100.0%	0.2%	4.44	0.00	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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

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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	
TRI SICs > 20K lbs. (1/1*)												
4 Miles												
1 Site	8,484	3,280	4,208	(928)	38.7%	31.7%	5,204	61.3%	49.5%	26.17	0.64	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	3,158	815	1,567	(752)	25.8%	7.9%	2,343	74.2%	22.3%	29.03	0.35	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	20	0	10	(10)	0.0%	0.0%	20	100.0%	0.2%	4.44	0.00	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI > 100K lbs. (4/6*)												
4 Miles												
1 Site	12,376	5,233	6,139	(906)	42.3%	50.5%	7,143	57.7%	67.9%	25.53	0.74	
2-3 Sites	798	719	396	323	90.1%	6.9%	79	9.9%	0.8%	23.33	9.25	
4 or More Sites	1,766	1,391	876	515	78.8%	13.4%	375	21.2%	3.6%	25.62	3.77	
2 Miles												
1 Site	4,481	1,693	2,223	(530)	37.8%	16.3%	2,788	62.2%	26.5%	17.86	0.62	
2-3 Sites	1,098	781	545	236	71.1%	7.5%	317	28.9%	3.0%	14.66	2.50	
4 or More Sites	121	121	60	61	100.0%	1.2%	0	0.0%	0.0%	11.12	infinity	
1 Mile												
1 Site	528	404	262	142	76.5%	3.9%	124	23.5%	1.2%	12.53	3.31	
2-3 Sites	449	347	223	124	77.3%	3.4%	102	22.7%	1.0%	11.86	3.46	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI > 20K lbs. (4/7*)												
4 Miles												
1 Site	12,376	5,233	6,139	(906)	42.3%	50.5%	7,143	57.7%	67.9%	25.53	0.74	
2-3 Sites	775	696	384	312	89.8%	6.7%	79	10.2%	0.8%	22.81	8.95	
4 or More Sites	1,790	1,414	888	526	79.0%	13.7%	376	21.0%	3.6%	26.01	3.82	
2 Miles												
1 Site	4,481	1,693	2,223	(530)	37.8%	16.3%	2,788	62.2%	26.5%	17.86	0.62	
2-3 Sites	1,008	771	500	271	76.5%	7.4%	237	23.5%	2.3%	17.50	3.30	
4 or More Sites	211	131	105	26	62.1%	1.3%	80	37.9%	0.8%	3.64	1.66	
1 Mile												
1 Site	483	404	240	164	83.6%	3.9%	79	16.4%	0.8%	15.14	5.20	
2-3 Sites	495	347	246	101	70.1%	3.4%	148	29.9%	1.4%	9.23	2.38	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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Polygons 3 of 3

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TRI > 0 lbs. (7/9*)											
4 Miles											
1 Site	3,638	2,691	1,805	886	74.0%	26.0%	947	26.0%	9.0%	32.34	2.89
2-3 Sites	10,566	4,187	5,241	(1,054)	39.6%	40.4%	6,379	60.4%	60.6%	29.19	0.67
4 or More Sites	2,383	1,963	1,182	781	82.4%	19.0%	420	17.6%	4.0%	33.99	4.75
2 Miles											
1 Site	5,374	2,822	2,666	156	52.5%	27.2%	2,552	47.5%	24.3%	4.95	1.12
2-3 Sites	4,445	1,802	2,205	(403)	40.5%	17.4%	2,643	59.5%	25.1%	13.62	0.69
4 or More Sites	219	139	109	30	63.5%	1.3%	80	36.5%	0.8%	4.13	1.77
1 Mile											
1 Site	4,312	1,154	2,139	(985)	26.8%	11.1%	3,158	73.2%	30.0%	33.68	0.37
2-3 Sites	516	348	256	92	67.4%	3.4%	168	32.6%	1.6%	8.21	2.10
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--

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