

US EPA ARCHIVE DOCUMENT

| B1: Multiple Facility Analysis Point Locations -- Statewide | | | | | | | | | | | Statewide 1 of 4 | |
|---|--------------------------------------|--|---|---|--|---|--|--|---|-------------------------------|---|--|
| 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 (314) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 756,577 | 205,266 | 233,026 | (27,760) | 27.1% | 15.8% | 551,311 | 72.9% | 18.9% | 76.08 | 0.84 | |
| 2-3 Sites | 851,458 | 296,216 | 262,249 | 33,967 | 34.8% | 22.8% | 555,242 | 65.2% | 19.0% | 89.50 | 1.20 | |
| 4 or More Sites | 1,223,741 | 482,914 | 376,912 | 106,002 | 39.5% | 37.2% | 740,827 | 60.5% | 25.4% | 246.67 | 1.47 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 826,650 | 315,598 | 254,608 | 60,990 | 38.2% | 24.3% | 511,052 | 61.8% | 17.5% | 162.30 | 1.39 | |
| 2-3 Sites | 517,424 | 192,415 | 159,367 | 33,048 | 37.2% | 14.8% | 325,009 | 62.8% | 11.1% | 106.44 | 1.33 | |
| 4 or More Sites | 187,738 | 82,663 | 57,823 | 24,840 | 44.0% | 6.4% | 105,075 | 56.0% | 3.6% | 127.15 | 1.77 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 435,209 | 180,004 | 134,044 | 45,960 | 41.4% | 13.9% | 255,205 | 58.6% | 8.7% | 159.53 | 1.59 | |
| 2-3 Sites | 81,469 | 28,963 | 25,092 | 3,871 | 35.6% | 2.2% | 52,506 | 64.4% | 1.8% | 29.73 | 1.24 | |
| 4 or More Sites | 19,558 | 4,780 | 6,024 | (1,244) | 24.4% | 0.4% | 14,778 | 75.6% | 0.5% | 19.28 | 0.73 | |
| TRI SICs (68) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 711,861 | 264,651 | 219,253 | 45,398 | 37.2% | 20.4% | 447,210 | 62.8% | 15.3% | 128.06 | 1.33 | |
| 2-3 Sites | 157,485 | 50,374 | 48,505 | 1,869 | 32.0% | 3.9% | 107,111 | 68.0% | 3.7% | 10.49 | 1.06 | |
| 4 or More Sites | 146,332 | 86,926 | 45,070 | 41,856 | 59.4% | 6.7% | 59,406 | 40.6% | 2.0% | 241.34 | 3.29 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 241,601 | 92,760 | 74,413 | 18,347 | 38.4% | 7.1% | 148,841 | 61.6% | 5.1% | 83.40 | 1.40 | |
| 2-3 Sites | 41,701 | 22,324 | 12,844 | 9,480 | 53.5% | 1.7% | 19,377 | 46.5% | 0.7% | 101.12 | 2.59 | |
| 4 or More Sites | 19,115 | 16,608 | 5,887 | 10,721 | 86.9% | 1.3% | 2,507 | 13.1% | 0.1% | 168.39 | 14.89 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 61,173 | 23,455 | 18,841 | 4,614 | 38.3% | 1.8% | 37,718 | 61.7% | 1.3% | 40.77 | 1.40 | |
| 2-3 Sites | 5,787 | 2,911 | 1,782 | 1,129 | 50.3% | 0.2% | 2,876 | 49.7% | 0.1% | 32.18 | 2.28 | |
| 4 or More Sites | 16 | 15 | 5 | 10 | 93.8% | 0.0% | 1 | 6.2% | 0.0% | 5.46 | 33.72 | |
| TRI SICs > 100K lbs. (31) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 213,999 | 71,649 | 65,912 | 5,737 | 33.5% | 5.5% | 142,350 | 66.5% | 4.9% | 27.69 | 1.13 | |
| 2-3 Sites | 143,486 | 76,097 | 44,194 | 31,903 | 53.0% | 5.9% | 67,389 | 47.0% | 2.3% | 185.73 | 2.54 | |
| 4 or More Sites | 40,176 | 25,913 | 12,374 | 13,539 | 64.5% | 2.0% | 14,263 | 35.5% | 0.5% | 147.07 | 4.08 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 82,926 | 41,943 | 25,541 | 16,402 | 50.6% | 3.2% | 40,983 | 49.4% | 1.4% | 124.69 | 2.30 | |
| 2-3 Sites | 33,283 | 24,696 | 10,251 | 14,445 | 74.2% | 1.9% | 8,587 | 25.8% | 0.3% | 172.25 | 6.46 | |
| 4 or More Sites | 12 | 9 | 4 | 5 | 75.0% | 0.0% | 3 | 25.0% | 0.0% | 3.32 | 6.74 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 19,880 | 12,661 | 6,123 | 6,538 | 63.7% | 1.0% | 7,219 | 36.3% | 0.2% | 100.72 | 3.94 | |
| 2-3 Sites | 2,287 | 129 | 704 | (575) | 5.6% | 0.0% | 2,158 | 94.4% | 0.1% | 26.06 | 0.13 | |
| 4 or More Sites | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% | 0.00 | -- | |

| B1: Multiple Facility Analysis Point Locations -- Statewide | | | | | | | | | | | Statewide 2 of 4 | |
|---|--------------------------------------|--|---|---|--|---|--|--|---|-------------------------------|---|--|
| 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. | | | | | | | | | | | | |
| (40) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 225,568 | 74,186 | 69,475 | 4,711 | 32.9% | 5.7% | 151,382 | 67.1% | 5.2% | 22.20 | 1.10 | |
| 2-3 Sites | 93,339 | 43,304 | 28,748 | 14,556 | 46.4% | 3.3% | 50,035 | 53.6% | 1.7% | 104.44 | 1.95 | |
| 4 or More Sites | 100,291 | 62,158 | 30,890 | 31,268 | 62.0% | 4.8% | 38,133 | 38.0% | 1.3% | 216.55 | 3.66 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 88,429 | 40,191 | 27,236 | 12,955 | 45.5% | 3.1% | 48,238 | 54.5% | 1.7% | 95.45 | 1.87 | |
| 2-3 Sites | 33,307 | 24,486 | 10,259 | 14,227 | 73.5% | 1.9% | 8,821 | 26.5% | 0.3% | 169.59 | 6.24 | |
| 4 or More Sites | 7,424 | 6,881 | 2,287 | 4,594 | 92.7% | 0.5% | 543 | 7.3% | 0.0% | 115.63 | 28.49 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 23,524 | 14,052 | 7,245 | 6,807 | 59.7% | 1.1% | 9,472 | 40.3% | 0.3% | 96.44 | 3.33 | |
| 2-3 Sites | 3,246 | 1,074 | 1,000 | 74 | 33.1% | 0.1% | 2,172 | 66.9% | 0.1% | 2.84 | 1.11 | |
| 4 or More Sites | 15 | 14 | 5 | 9 | 93.3% | 0.0% | 1 | 6.7% | 0.0% | 5.25 | 31.47 | |
| TRI > 100K lbs. | | | | | | | | | | | | |
| (81) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 821,631 | 317,621 | 253,062 | 64,559 | 38.7% | 24.4% | 504,010 | 61.3% | 17.3% | 172.17 | 1.42 | |
| 2-3 Sites | 237,524 | 68,588 | 73,157 | (4,569) | 28.9% | 5.3% | 168,936 | 71.1% | 5.8% | 20.79 | 0.91 | |
| 4 or More Sites | 147,853 | 90,418 | 45,539 | 44,879 | 61.2% | 7.0% | 57,435 | 38.8% | 2.0% | 257.48 | 3.54 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 311,929 | 116,395 | 96,074 | 20,321 | 37.3% | 9.0% | 195,534 | 62.7% | 6.7% | 82.04 | 1.34 | |
| 2-3 Sites | 73,109 | 31,508 | 22,518 | 8,990 | 43.1% | 2.4% | 41,601 | 56.9% | 1.4% | 72.73 | 1.70 | |
| 4 or More Sites | 10,719 | 7,995 | 3,301 | 4,694 | 74.6% | 0.6% | 2,724 | 25.4% | 0.1% | 98.36 | 6.60 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 94,706 | 32,654 | 29,169 | 3,485 | 34.5% | 2.5% | 62,052 | 65.5% | 2.1% | 24.88 | 1.18 | |
| 2-3 Sites | 7,992 | 4,267 | 2,462 | 1,805 | 53.4% | 0.3% | 3,725 | 46.6% | 0.1% | 43.81 | 2.58 | |
| 4 or More Sites | 345 | 39 | 106 | (67) | 11.3% | 0.0% | 306 | 88.7% | 0.0% | 7.84 | 0.29 | |
| TRI > 20K lbs. | | | | | | | | | | | | |
| (125) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 598,167 | 239,089 | 184,235 | 54,854 | 40.0% | 18.4% | 359,078 | 60.0% | 12.3% | 166.05 | 1.50 | |
| 2-3 Sites | 426,841 | 153,782 | 131,467 | 22,315 | 36.0% | 11.8% | 273,059 | 64.0% | 9.3% | 78.21 | 1.27 | |
| 4 or More Sites | 531,763 | 235,699 | 163,783 | 71,916 | 44.3% | 18.1% | 296,064 | 55.7% | 10.1% | 228.71 | 1.79 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 372,594 | 164,590 | 114,759 | 49,831 | 44.2% | 12.7% | 208,004 | 55.8% | 7.1% | 185.37 | 1.78 | |
| 2-3 Sites | 146,677 | 53,181 | 45,177 | 8,004 | 36.3% | 4.1% | 93,496 | 63.7% | 3.2% | 46.18 | 1.28 | |
| 4 or More Sites | 72,427 | 31,437 | 22,308 | 9,129 | 43.4% | 2.4% | 40,990 | 56.6% | 1.4% | 74.19 | 1.72 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 121,819 | 47,006 | 37,520 | 9,486 | 38.6% | 3.6% | 74,813 | 61.4% | 2.6% | 59.83 | 1.41 | |
| 2-3 Sites | 33,854 | 9,531 | 10,427 | (896) | 28.2% | 0.7% | 24,323 | 71.8% | 0.8% | 10.55 | 0.88 | |
| 4 or More Sites | 4,626 | 2,381 | 1,425 | 956 | 51.5% | 0.2% | 2,245 | 48.5% | 0.1% | 30.49 | 2.38 | |

| B1: Multiple Facility Analysis Point Locations-- Statewide | | | | | | | | | | | Statewide 3 of 4 | |
|--|--------------------------------------|--|---|---|--|---|--|--|---|-------------------------------|---|--|
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| TRI > 0 lbs. | | | | | | | | | | | | |
| (246) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 821,187 | 232,728 | 252,926 | (20,198) | 28.3% | 17.9% | 588,459 | 71.7% | 20.1% | 53.56 | 0.89 | |
| 2-3 Sites | 706,314 | 203,142 | 217,545 | (14,403) | 28.8% | 15.6% | 503,172 | 71.2% | 17.2% | 40.46 | 0.91 | |
| 4 or More Sites | 864,496 | 370,967 | 266,265 | 104,702 | 42.9% | 28.6% | 493,529 | 57.1% | 16.9% | 273.82 | 1.69 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 566,742 | 191,374 | 174,557 | 16,817 | 33.8% | 14.7% | 375,368 | 66.2% | 12.9% | 52.21 | 1.15 | |
| 2-3 Sites | 343,436 | 133,603 | 105,778 | 27,825 | 38.9% | 10.3% | 209,833 | 61.1% | 7.2% | 107.46 | 1.43 | |
| 4 or More Sites | 129,507 | 54,883 | 39,888 | 14,995 | 42.4% | 4.2% | 74,624 | 57.6% | 2.6% | 91.77 | 1.65 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 250,910 | 88,874 | 77,280 | 11,594 | 35.4% | 6.8% | 162,036 | 64.6% | 5.5% | 51.82 | 1.23 | |
| 2-3 Sites | 57,902 | 22,386 | 17,834 | 4,552 | 38.7% | 1.7% | 35,516 | 61.3% | 1.2% | 41.32 | 1.42 | |
| 4 or More Sites | 17,277 | 3,763 | 5,321 | (1,558) | 21.8% | 0.3% | 13,514 | 78.2% | 0.5% | 25.70 | 0.63 | |
| TEDI | | | | | | | | | | | | |
| (226) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 953,028 | 343,415 | 293,533 | 49,882 | 36.0% | 26.4% | 609,613 | 64.0% | 20.9% | 126.07 | 1.27 | |
| 2-3 Sites | 554,524 | 203,259 | 170,793 | 32,466 | 36.7% | 15.6% | 351,265 | 63.3% | 12.0% | 101.53 | 1.30 | |
| 4 or More Sites | 646,278 | 276,560 | 199,054 | 77,506 | 42.8% | 21.3% | 369,718 | 57.2% | 12.7% | 227.17 | 1.68 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 595,150 | 236,356 | 183,306 | 53,050 | 39.7% | 18.2% | 358,794 | 60.3% | 12.3% | 160.93 | 1.48 | |
| 2-3 Sites | 189,602 | 70,032 | 58,397 | 11,635 | 36.9% | 5.4% | 119,570 | 63.1% | 4.1% | 59.34 | 1.32 | |
| 4 or More Sites | 95,931 | 37,049 | 29,547 | 7,502 | 38.6% | 2.9% | 58,882 | 61.4% | 2.0% | 53.15 | 1.41 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 202,019 | 74,415 | 62,222 | 12,193 | 36.8% | 5.7% | 127,604 | 63.2% | 4.4% | 60.34 | 1.31 | |
| 2-3 Sites | 32,880 | 11,853 | 10,127 | 1,726 | 36.0% | 0.9% | 21,027 | 64.0% | 0.7% | 20.74 | 1.27 | |
| 4 or More Sites | 5,512 | 2,306 | 1,698 | 608 | 41.8% | 0.2% | 3,206 | 58.2% | 0.1% | 17.78 | 1.62 | |
| TEDI > 100K lbs. | | | | | | | | | | | | |
| (80) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 750,239 | 296,820 | 231,074 | 65,746 | 39.6% | 22.8% | 453,419 | 60.4% | 15.5% | 181.57 | 1.47 | |
| 2-3 Sites | 281,914 | 108,979 | 86,830 | 22,149 | 38.7% | 8.4% | 172,935 | 61.3% | 5.9% | 93.68 | 1.42 | |
| 4 or More Sites | 68,468 | 40,645 | 21,088 | 19,557 | 59.4% | 3.1% | 27,823 | 40.6% | 1.0% | 163.30 | 3.28 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 284,518 | 117,048 | 87,632 | 29,416 | 41.1% | 9.0% | 167,470 | 58.9% | 5.7% | 123.84 | 1.57 | |
| 2-3 Sites | 71,174 | 34,249 | 21,922 | 12,327 | 48.1% | 2.6% | 36,925 | 51.9% | 1.3% | 101.02 | 2.09 | |
| 4 or More Sites | 1,717 | 671 | 529 | 142 | 39.1% | 0.1% | 1,046 | 60.9% | 0.0% | 7.44 | 1.44 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 88,549 | 34,672 | 27,273 | 7,399 | 39.2% | 2.7% | 53,877 | 60.8% | 1.8% | 54.51 | 1.45 | |
| 2-3 Sites | 3,063 | 1,876 | 943 | 933 | 61.2% | 0.1% | 1,187 | 38.8% | 0.0% | 36.53 | 3.55 | |
| 4 or More Sites | 345 | 39 | 106 | (67) | 11.3% | 0.0% | 306 | 88.7% | 0.0% | 7.84 | 0.29 | |

| B1: Multiple Facility Analysis Point Locations -- Statewide | | | | | | | | | | | Statewide 4 of 4 | |
|---|--------------------------------------|--|---|---|--|---|--|--|---|-------------------------------|---|--|
| 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 | |
| TEDI > 20K lbs. | | | | | | | | | | | | |
| (140) | | | | | | | | | | | | |
| 4 Miles | | | | | | | | | | | | |
| 1 Site | 667,064 | 282,205 | 205,456 | 76,749 | 42.3% | 21.7% | 384,859 | 57.7% | 13.2% | 222.07 | 1.65 | |
| 2-3 Sites | 469,151 | 155,298 | 144,499 | 10,799 | 33.1% | 12.0% | 313,853 | 66.9% | 10.7% | 36.40 | 1.11 | |
| 4 or More Sites | 504,041 | 228,298 | 155,245 | 73,053 | 45.3% | 17.6% | 275,743 | 54.7% | 9.4% | 237.73 | 1.86 | |
| 2 Miles | | | | | | | | | | | | |
| 1 Site | 393,579 | 170,366 | 121,222 | 49,144 | 43.3% | 13.1% | 223,213 | 56.7% | 7.6% | 178.37 | 1.72 | |
| 2-3 Sites | 144,867 | 58,661 | 44,619 | 14,042 | 40.5% | 4.5% | 86,206 | 59.5% | 3.0% | 81.42 | 1.53 | |
| 4 or More Sites | 56,844 | 22,183 | 17,508 | 4,675 | 39.0% | 1.7% | 34,661 | 61.0% | 1.2% | 42.82 | 1.44 | |
| 1 Mile | | | | | | | | | | | | |
| 1 Site | 126,342 | 51,853 | 38,913 | 12,940 | 41.0% | 4.0% | 74,489 | 59.0% | 2.6% | 80.16 | 1.56 | |
| 2-3 Sites | 26,962 | 8,885 | 8,304 | 581 | 33.0% | 0.7% | 18,077 | 67.0% | 0.6% | 7.73 | 1.10 | |
| 4 or More Sites | 1,412 | 813 | 435 | 378 | 57.6% | 0.1% | 599 | 42.4% | 0.0% | 21.81 | 3.05 | |