

Methods

Indicator

E10: Percentage of children ages 0-17 years living within one mile of Superfund and Corrective Action sites that are not “Protective for People,” 2009.

E11: Distribution by race/ethnicity and family income of children living near selected contaminated lands in 2009, compared with the distribution by race/ethnicity and income of children in the general U.S. population.

Summary

EPA’s Office of Solid Waste and Emergency Response has compiled data on contaminated lands from the RCRA Corrective Action Program and the Superfund Program. These data include the latitude and longitude, site areas, and whether or not the site has been designated as “Protective for People,” as of October 1, 2009. Indicators E10 and E11 present information about children living within one mile of Superfund or RCRA Corrective Action sites that were not designated as “Protective for People” (PFP) as of October 1, 2009. A computer mapping tool was used to identify all land areas within one mile of the estimated boundary of each of these sites. Data from the year 2000 U.S. Census were then used to estimate the population of children ages 0 to 17 years living within these areas. Indicator E10 gives the percentages of children living within one mile of these selected sites, by race/ethnicity, and family income. Indicator E11 gives the percentages of each race/ethnicity for children living within one mile of these selected sites and the percentages of each race/ethnicity for all U.S. children, for all incomes and for children below poverty.ⁱ

Overview of Data Files

The following files are needed to calculate this indicator.

- all_nonPFP_sites_7_22_2010FINAL.xls. This file is an Excel file that gives the site information for all RCRA Corrective Action Program and the Superfund Program sites that were not designated PFP as of October 1, 2009. This file was obtained from EPA’s Office of Solid Waste and Emergency Response. The variables needed for this indicator are latitude, longitude, and boundary acres.
- Census 2000 data for the entire United States. For each Census Block, we needed the Block FIPS code, the latitude and longitude of the Census Block centroid, and the populations by sex, age, and race/ethnicity for the following race/ethnicity groups: White, Black, AIAN, Asian, NHOPI, Other, Two or More Races, and Hispanic. For each Census Block Group, we needed the Block Group FIPS code, the populations of each

ⁱ A greater percentage of children were living in poverty in 2009 than in 2000; therefore, Indicator E11 understates the proportion of children below poverty living in proximity to the selected contaminated lands in 2009.

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race/ethnicity group for ages 0 to 17, and the populations of each race/ethnicity group for ages 0 to 17 below poverty for the following race/ethnicity groups: White, Black, AIAN, Asian, NHOPI, Other, Two or More Races, and Hispanic. The Block and Block Group populations were summed over both sexes and all ages 0 to 17 years. The populations of the Other and Two or More Races groups were also summed to give the populations for the “Other Races” group. These files were obtained from Geolytics, Inc. at www.geolytics.com.

Calculation of Indicator

1. Source data pull.

Obtain the Block data from the Census 2000 Geolytics files for the entire United States. Specifically, obtain sex by age counts for the White population, Black population, AIAN population, Asian population, NHOPI population, Other population, and Two or More Races populations. Also obtain the Hispanic ethnicity sex by age counts for the Block population. Obtain the population counts of the same race/ethnicity groups by age from the Block Group data, for all income levels, and for the populations of each race/ethnicity group by age below the poverty level and for each race/ethnicity group by age at or above the poverty level.

2. Aggregate Census data.

For each race/ethnicity group, sum the Block or Block Group populations over the age groups 0–4, 5–9, 10–14, and 15–17, and, for Blocks, over the two sexes. Sum the populations for the Other and Two or More Races groups to create the “Other Races” race/ethnicity group. The Block Group populations are summed into one field for each race/ethnicity group for the total population of children ages 0 to 17 years, and into another field for the population below poverty of children ages 0 to 17 years for each race/ethnicity group.

3. Spatially select blocks that intersect the contaminated lands buffer file.

For each contaminated land site in the RCRA Corrective Action Program and the Superfund Program file of sites not PFP, create circles with centers at the given latitude and longitude and areas equal to the given acreage. Increase the radius of each circle by one mile to create a buffer area extending one mile beyond the circular boundary. The original land area polygon (i.e., circle) based on the Excel file, and the resulting one-mile buffer are dissolved into one polygon (i.e., circle). That combined polygon is used to select all Block centroids that intersect the contaminated land, including the buffer area. This process creates all combinations of contaminated land areas with Blocks that intersect them. If two contaminated lands overlap and contain the same Block centroid, then the same Block would be returned twice, once it is linked to each contaminated land.

4. Create poverty level proportions from the Block Group and join them back to the Block table.

The Blocks are a smaller Census division that rolls up directly into the Block Group level. Many Blocks may make up one Block Group, and Census does not release poverty data at the Block

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level, so the proportion of children under poverty for each race/ethnicity group at the Block Group level is applied to all the corresponding Blocks. For each Block Group and race/ethnicity group, calculate the proportion of children below poverty as the ratio of the population ages 0 to 17 years below poverty to the total population ages 0 to 17 years for the same race/ethnicity group. Join the Block and Block Group tables using the entire Block Group FIPS code, and the left 12 digits for the Blocks. For each Block in that Block Group, calculate the number of children below poverty for each race/ethnicity group by multiplying the total number of children in that race/ethnicity group and Block by the Block Group proportion of children below poverty in that same race/ethnicity group. For each Block in that Block Group, calculate the number of children at or above poverty for each race/ethnicity group by subtracting the number of children below poverty for that race/ethnicity group from the total number of children in that race/ethnicity group.

Proportion of children below poverty in Block Group BG and race/ethnicity group r
= Number of children below poverty in Block Group BG and race/ethnicity group r /
Number of children in Block Group BG and race/ethnicity group r

Number of children below poverty in Block B and race/ethnicity group r
= Number of children in Block B and race/ethnicity group r
× Proportion of children below poverty in Block Group BG and race/ethnicity group r
(assuming Block B is part of Block Group BG)

Number of children at or above poverty in Block B and race/ethnicity group r
= Number of children in Block B and race/ethnicity group r – Number of children below poverty
in Block B and race/ethnicity group r

5. Aggregate the data for all Blocks in the United States.

Sum the populations over all Blocks in the United States by race/ethnicity and family income.

Number of children in income group i and race/ethnicity group r =
 Σ Number of children in income group i and race/ethnicity group r and Block B

where this sum is over all Blocks.

6. Aggregate the data for all selected Blocks in the United States.

Use the result from step 3 that lists all Blocks that intersect contaminated lands. Remove duplicated Blocks that intersect more than one facility's contaminated land by applying a "distinct" function on the selected Block data with facility identifiers removed. This returns only one instance of each selected Block. Sum the populations over all selected Blocks in the United States by race/ethnicity and family income.

Number of children in income group i and race/ethnicity group r living within one mile of
contaminated lands =
 Σ Number of children in income group i and race/ethnicity group r and Block B

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where this sum is over all selected Blocks (counting each selected Block once only).

7. Calculate the percentages of children living within one mile of contaminated lands.

Divide the number of children living within one mile of contaminated lands by the total number of children.

Percentage of children in income group i and race/ethnicity group r living within one mile of contaminated lands =

Number of children in income group i and race/ethnicity group r living within one mile of contaminated lands / Number of children in income group i and race/ethnicity group r $\times 100\%$

8. Calculate the percentages of each race/ethnicity for children living within one mile of contaminated lands and for all children.

Divide the number of children of each race/ethnicity living within one mile of contaminated lands by the total number of children of all races and ethnicities living within one mile of contaminated lands. Divide the number of children of each race/ethnicity by the total number of children of all races and ethnicities.

Percentage of children in income group i living within one mile of contaminated lands that are in race/ethnicity group r =

Number of children in income group i and race/ethnicity group r living within one mile of contaminated lands / Number of children in income group i living within one mile of contaminated lands $\times 100\%$

Percentage of children in income group i that are in race/ethnicity group r =

Number of children in income group i and race/ethnicity group r / Number of children in income group i $\times 100\%$

Questions and Comments

Questions regarding these methods, and suggestions to improve the description of the methods, are welcome. Please use the “Contact Us” link at the bottom of any page in the America’s Children and the Environment website.

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Appendix – Children Living in Proximity to Selected Contaminated Lands, by State

Table A1. Children in Proximity to Selected Contaminated Lands, 2009ⁱⁱ

State	Total Children's Population	All Children in proximity	White Children in proximity	Black Children in proximity	Asian Children in proximity	AIAN Children in proximity	NHOPI Children in proximity	Other Races, Children in proximity	Hispanic Children in proximity
USA	72,293,812	4,189,378	2,327,225	882,026	211,705	43,099	13,212	712,111	985,841
AL	1,123,422	53,743	29,230	21,824	526	251	59	1,853	1,596
AK ⁱⁱⁱ	190,717	68,180	41,923	5,166	4,109	6,028	1,053	9,901	5,642
AZ	1,366,947	95,817	56,780	4,998	1,012	2,028	226	30,773	54,391
AR	680,369	16,044	13,494	710	436	331	< 10	1,072	889
CA	9,249,829	602,450	232,162	70,676	67,662	6,727	3,864	221,359	329,276
CO	1,100,795	89,867	59,112	9,168	1,969	1,121	285	18,212	24,422
CT	841,688	85,940	52,734	15,695	1,969	383	42	15,117	23,190
DE	194,587	12,293	7,778	3,581	176	26	< 10	729	963
DC	114,992	7,342	1,108	5,853	69	23	19	270	243
FL	3,646,340	56,368	22,967	28,305	970	252	25	3,849	4,635
GA	2,169,234	30,261	10,489	16,704	679	108	53	2,228	2,723
HI	295,767	34,743	2,370	513	16,541	46	4,058	11,215	3,520
ID	369,030	16,659	14,887	202	105	323	18	1,124	1,180
IL	3,245,451	328,677	158,068	79,738	11,627	1,630	154	77,460	124,194
IN	1,574,396	82,828	54,707	18,448	453	350	54	8,816	10,917
IA	733,638	26,064	21,163	3,015	165	154	< 10	1,559	1,648
KS	712,993	27,823	17,058	3,481	578	271	30	6,405	9,653
KY	994,818	11,650	7,967	2,278	111	86	67	1,141	1,080
LA	1,219,799	20,276	6,920	12,442	321	60	10	523	496
ME	301,238	17,423	16,258	256	187	107	15	600	291
MD	1,356,172	81,783	49,938	23,986	2,383	467	51	4,958	4,168
MA	1,500,064	130,142	88,938	8,270	7,588	711	102	24,533	28,879
MI	2,595,767	101,621	52,321	41,059	1,171	536	22	6,512	5,036
MN	1,286,894	40,278	20,010	8,439	3,301	1,934	59	6,535	5,616
MS	775,187	3,022	1,551	1,382	15	< 10	*	66	72
MO	1,427,692	90,022	42,327	39,667	2,173	390	71	5,394	4,972
MT	230,062	10,018	9,125	27	58	388	< 10	415	338
NE	450,242	59,200	38,936	12,475	602	648	51	6,488	8,077
NV	511,799	8,354	6,515	505	98	127	44	1,065	1,729
NH	309,562	8,567	7,457	198	138	30	< 10	742	937
NJ	2,087,558	199,212	120,971	35,342	12,668	689	87	29,455	49,182
NM	508,574	15,591	6,853	182	233	4,251	< 10	4,065	6,125
NY	4,690,107	333,831	213,811	51,884	21,697	3,070	175	43,194	49,103
NC	1,964,047	51,265	19,755	26,503	1,386	264	27	3,330	3,972
ND	160,849	*	*	*	*	*	*	*	*

ⁱⁱ The values in this table correspond to Indicator E10, and were calculated based on contaminated land site status as of October 1, 2009 and children's population data from the 2000 U.S. Census.

ⁱⁱⁱ The numbers of children in proximity to selected contaminated lands in Alaska are overstated due to a database error in specifying the location of a particular site. The error will be corrected when the next indicator update is calculated.

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State	Total Children's Population	All Children in proximity	White Children in proximity	Black Children in proximity	Asian Children in proximity	AIAN Children in proximity	NHOPI Children in proximity	Other Races, Children in proximity	Hispanic Children in proximity
OH	2,888,339	209,867	136,040	55,964	1,500	663	74	15,626	14,135
OK	892,360	4,639	2,808	123	15	1,023	< 10	667	386
OR	846,526	9,918	7,461	580	277	181	47	1,372	1,334
PA	2,922,221	410,328	256,878	99,582	11,763	1,049	207	40,849	48,669
RI	247,822	31,460	23,161	1,775	571	233	33	5,687	6,948
SC	1,009,641	106,499	69,164	31,567	1,925	226	37	3,580	3,588
SD	202,649	*	*	*	*	*	*	*	*
TN	1,398,521	46,898	25,779	16,918	534	185	69	3,413	2,846
TX	5,886,759	178,446	96,408	31,459	3,899	1,259	218	45,203	89,648
UT	718,698	22,274	17,082	627	276	296	95	3,898	5,373
VT	147,523	3,449	3,055	77	110	13	< 10	192	90
VA	1,738,262	68,272	36,636	20,048	4,154	219	84	7,131	7,903
WA	1,513,843	82,382	38,953	12,777	13,700	1,807	1,493	13,652	9,693
WV	402,393	7,192	6,291	553	50	< 10	< 10	288	34
WI	1,368,756	190,400	101,826	57,004	9,755	2,120	100	19,595	26,039
WY	128,873	*	*	*	*	*	*	*	*

*No children are in proximity to selected contaminated lands. Note that there are no non-PFP sites in ND, SD and WY.

Table A2. Children Below Poverty Level in Proximity to Selected Contaminated Lands, 2009^{iv}

State	Total Children's Population	Total children below poverty and in proximity	% below poverty in proximity who are White	% below poverty in proximity who are Black	% below poverty in proximity who are Asian	% below poverty in proximity who are AIAN	% below poverty in proximity who are NHOPI	% below poverty in proximity who are Other Races	% below poverty in proximity who are Hispanic
USA	72,293,812	853,713	36.0%	37.6%	3.5%	0.8%	0.2%	21.8%	31.7%
AL	1,123,422	13,195	26.7%	70.5%	0.2%	0.0%	*	2.5%	1.9%
AK ^v	190,717	6,196	40.6%	9.1%	12.2%	17.4%	0.6%	19.5%	10.8%
AZ	1,366,947	23,672	51.1%	4.9%	0.3%	1.9%	0.1%	41.7%	79.1%
AR	680,369	1,945	71.5%	15.2%	0.1%	2.2%	0.0%	11.1%	9.8%
CA	9,249,829	133,047	31.1%	15.9%	7.4%	0.7%	14.2%	44.7%	68.3%
CO	1,100,795	13,775	52.6%	15.2%	2.3%	1.1%	0.0%	28.8%	44.3%
CT	841,688	13,872	40.0%	25.0%	0.3%	0.2%	0.0%	34.5%	52.5%
DE	194,587	1,387	29.0%	63.0%	0.0%	0.2%	0.0%	7.8%	11.2%
DC	114,992	2,404	0.5%	98.6%	0.1%	0.0%	0.0%	0.8%	0.3%
FL	3,646,340	16,424	19.8%	74.9%	0.9%	0.0%	0.0%	4.4%	6.2%
GA	2,169,234	7,292	20.3%	70.1%	2.2%	0.2%	0.0%	7.1%	8.5%
HI	295,767	4,094	6.9%	0.2%	28.0%	0.1%	15.7%	36.8%	17.8%

^{iv} The values in this table correspond to Indicator E11, and were calculated based on contaminated land site status as of October 1, 2009 and children's population data from the 2000 U.S. Census. A greater percentage of children were living in poverty in 2009 than in 2000; therefore, these calculations understate the proportion of children below poverty living in proximity to the selected contaminated lands in 2009.

^v The percentages of children in proximity to selected contaminated lands in Alaska are overstated due to a database error in specifying the location of a particular site. The error will be corrected when the next indicator update is calculated.

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State	Total Children's Population	Total children below poverty and in proximity	% below poverty in proximity who are White	% below poverty in proximity who are Black	% below poverty in proximity who are Asian	% below poverty in proximity who are AIAN	% below poverty in proximity who are NHOPI	% below poverty in proximity who are Other Races	% below poverty in proximity who are Hispanic
ID	369,030	2,733	88.5%	0.7%	0.2%	2.1%	0.0%	8.5%	9.5%
IL	3,245,451	71,147	28.7%	45.3%	2.7%	0.1%	0.2%	23.2%	37.6%
IN	1,574,396	20,077	50.3%	38.1%	0.2%	0.0%	0.0%	11.4%	13.2%
IA	733,638	4,741	63.2%	27.9%	0.6%	0.1%	0.0%	8.2%	5.5%
KS	712,993	5,192	46.8%	22.8%	1.2%	0.3%	0.0%	28.8%	42.5%
KY	994,818	1,851	71.0%	24.2%	0.8%	0.0%	0.0%	3.9%	2.4%
LA	1,219,799	7,791	13.2%	84.8%	0.8%	0.0%	0.0%	1.1%	1.1%
ME	301,238	2,559	94.9%	1.0%	0.3%	0.7%	0.0%	3.1%	0.4%
MD	1,356,172	10,841	35.7%	58.3%	1.1%	0.2%	0.0%	4.8%	3.5%
MA	1,500,064	26,571	48.8%	8.8%	7.6%	0.3%	0.1%	34.4%	42.4%
MI	2,595,767	23,523	28.7%	64.5%	0.3%	0.3%	0.0%	6.2%	3.7%
MN	1,286,894	8,853	21.4%	40.0%	12.3%	6.2%	0.0%	20.1%	15.4%
MS	775,187	572	31.7%	62.5%	0.0%	0.0%	0.0%	5.8%	3.5%
MO	1,427,692	25,707	25.9%	66.8%	1.2%	0.1%	0.0%	6.0%	4.3%
MT	230,062	1,811	87.1%	0.3%	0.9%	7.1%	0.0%	4.6%	2.3%
NE	450,242	11,377	40.9%	44.8%	0.1%	0.8%	0.0%	13.5%	14.6%
NV	511,799	1,365	66.9%	12.8%	0.0%	1.5%	0.0%	18.8%	24.8%
NH	309,562	825	78.4%	2.2%	0.4%	0.0%	0.0%	19.1%	32.0%
NJ	2,087,558	28,696	35.0%	36.7%	3.1%	0.1%	0.0%	25.1%	39.5%
NM	508,574	3,821	27.1%	0.8%	0.0%	38.0%	0.0%	34.0%	53.2%
NY	4,690,107	55,938	44.9%	30.9%	5.3%	0.7%	0.0%	18.2%	21.3%
NC	1,964,047	12,832	17.4%	75.8%	1.1%	0.2%	0.0%	5.6%	7.9%
ND	160,849	*	*	*	*	*	*	*	*
OH	2,888,339	51,598	45.8%	45.2%	0.2%	0.1%	0.0%	8.7%	7.9%
OK	892,360	1,251	53.6%	3.8%	0.1%	27.2%	0.0%	15.2%	8.5%
OR	846,526	2,102	69.4%	15.9%	0.0%	1.1%	0.5%	13.3%	16.6%
PA	2,922,221	84,155	35.2%	44.5%	2.4%	0.1%	0.0%	17.7%	23.4%
RI	247,822	6,392	51.0%	12.5%	1.4%	0.3%	0.0%	34.7%	49.0%
SC	1,009,641	16,765	30.0%	66.0%	0.2%	0.0%	0.0%	3.8%	3.9%
SD	202,649	*	*	*	*	*	*	*	*
TN	1,398,521	8,712	27.6%	66.0%	0.3%	0.1%	0.0%	6.0%	4.9%
TX	5,886,759	45,645	45.0%	25.7%	0.8%	0.3%	0.0%	28.2%	61.5%
UT	718,698	3,346	61.2%	5.4%	1.1%	2.5%	0.0%	29.7%	48.9%
VT	147,523	376	87.8%	0.0%	4.5%	0.0%	0.0%	7.7%	1.5%
VA	1,738,262	9,461	27.5%	59.0%	2.9%	0.0%	0.0%	10.5%	10.9%
WA	1,513,843	13,452	28.6%	25.2%	18.3%	2.4%	1.5%	24.5%	15.5%
WV	402,393	2,004	83.6%	12.5%	0.0%	0.0%	0.0%	3.7%	0.2%
WI	1,368,756	42,328	23.0%	59.6%	5.0%	0.9%	0.0%	11.5%	16.8%
WY	128,873	*	*	*	*	*	*	*	*

*No children are in proximity to selected contaminated lands. Note that there are no non-PFP sites in ND, SD and WY.

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Table A3. All U.S. Children Below Poverty Level, 2000^{vi}

State	Total Children's Population	Total Children Below Poverty (0-17)	% below poverty who are White	% below poverty who are Black	% below poverty who are Asian	% below poverty who are AIAN	% below poverty who are NHOPI	% below poverty who are Other Races	% below poverty who are Hispanic
USA	72,293,812	11,079,537	47.3%	30.1%	2.6%	1.7%	0.1%	18.1%	28.7%
AL	1,123,422	226,937	36.1%	61.4%	0.3%	0.3%	0.0%	1.9%	2.2%
AK	190,717	20,667	40.6%	3.7%	4.1%	38.6%	0.6%	12.4%	5.6%
AZ	1,366,947	243,101	48.2%	4.1%	0.5%	15.7%	0.0%	31.4%	56.5%
AR	680,369	138,958	52.6%	41.6%	0.2%	0.6%	0.1%	5.0%	6.2%
CA	9,249,829	1,662,650	38.0%	11.1%	7.6%	1.0%	0.2%	42.2%	63.0%
CO	1,100,795	113,583	59.4%	8.5%	1.7%	1.6%	0.0%	28.9%	48.6%
CT	841,688	80,304	42.5%	27.6%	1.1%	0.2%	0.0%	28.7%	41.5%
DE	194,587	21,919	37.7%	50.5%	0.9%	0.1%	0.0%	10.8%	14.3%
DC	114,992	33,871	3.8%	90.6%	0.9%	0.1%	0.0%	4.7%	7.6%
FL	3,646,340	592,987	47.3%	41.6%	0.8%	0.2%	0.0%	10.0%	24.0%
GA	2,169,234	346,726	30.9%	62.2%	0.9%	0.1%	0.0%	5.9%	8.2%
HI	295,767	38,205	12.0%	1.0%	17.0%	0.1%	25.1%	44.9%	18.4%
ID	369,030	48,862	81.3%	0.3%	0.2%	2.6%	0.0%	15.5%	22.8%
IL	3,245,451	430,887	37.9%	45.5%	1.6%	0.1%	0.0%	14.9%	23.2%
IN	1,574,396	175,830	64.9%	28.0%	0.4%	0.1%	0.0%	6.6%	7.1%
IA	733,638	73,108	80.1%	9.8%	1.0%	0.6%	0.0%	8.4%	8.0%
KS	712,993	78,161	64.8%	17.2%	1.2%	1.0%	0.0%	15.9%	19.1%
KY	994,818	193,606	80.8%	16.4%	0.2%	0.1%	0.0%	2.6%	1.5%
LA	1,219,799	306,698	25.6%	71.8%	0.8%	0.4%	0.0%	1.3%	1.5%
ME	301,238	37,352	94.0%	1.3%	0.9%	1.2%	0.0%	2.5%	1.2%
MD	1,356,172	131,880	31.2%	61.0%	2.0%	0.1%	0.0%	5.6%	5.8%
MA	1,500,064	164,449	53.9%	15.4%	5.2%	0.2%	0.0%	25.2%	32.4%
MI	2,595,767	331,320	47.3%	43.4%	1.1%	0.6%	0.0%	7.7%	6.5%
MN	1,286,894	109,371	57.0%	17.1%	9.9%	4.8%	0.0%	11.2%	9.5%
MS	775,187	199,001	23.8%	74.6%	0.3%	0.4%	0.0%	0.8%	0.9%
MO	1,427,692	206,814	62.8%	32.0%	0.5%	0.3%	0.0%	4.5%	3.5%
MT	230,062	40,556	72.8%	0.2%	0.3%	22.2%	0.0%	4.6%	3.5%
NE	450,242	50,804	68.6%	15.6%	0.6%	3.2%	0.0%	11.9%	15.2%
NV	511,799	65,663	55.2%	16.5%	1.5%	2.1%	0.1%	24.5%	42.9%
NH	309,562	21,495	91.5%	1.5%	1.2%	0.1%	0.0%	5.7%	6.9%
NJ	2,087,558	214,780	39.5%	36.5%	3.3%	0.1%	0.0%	20.6%	32.8%
NM	508,574	119,919	46.0%	1.7%	0.3%	20.6%	0.0%	31.4%	61.2%
NY	4,690,107	867,708	39.6%	31.5%	4.6%	0.5%	0.0%	23.8%	34.4%
NC	1,964,047	291,692	38.7%	50.7%	0.7%	2.0%	0.0%	7.8%	9.9%
ND	160,849	20,490	69.5%	0.8%	0.2%	25.4%	0.0%	4.2%	2.9%
OH	2,888,339	383,007	56.8%	37.1%	0.5%	0.1%	0.0%	5.5%	3.9%
OK	892,360	162,159	52.6%	18.5%	0.5%	14.3%	0.0%	14.1%	11.6%
OR	846,526	112,963	71.8%	3.5%	1.8%	2.0%	0.1%	20.9%	24.9%
PA	2,922,221	393,789	56.8%	31.5%	1.8%	0.1%	0.0%	9.9%	12.2%
RI	247,822	38,369	51.5%	13.5%	3.5%	0.9%	0.0%	30.5%	39.5%
SC	1,009,641	177,182	29.9%	66.9%	0.2%	0.2%	0.0%	2.7%	3.0%

^{vi} The values in this table are from the 2000 U.S. Census and were used in calculation of Indicators E10 and E11.

Environments and Contaminants: Contaminated Lands

State	Total Children's Population	Total Children Below Poverty (0-17)	% below poverty who are White	% below poverty who are Black	% below poverty who are Asian	% below poverty who are AIAN	% below poverty who are NHOPI	% below poverty who are Other Races	% below poverty who are Hispanic
SD	202,649	32,207	52.4%	0.7%	0.1%	42.5%	0.0%	4.3%	2.3%
TN	1,398,521	233,733	55.2%	40.9%	0.4%	0.1%	0.0%	3.5%	3.0%
TX	5,886,759	1,134,042	53.8%	18.3%	1.1%	0.3%	0.0%	26.5%	63.0%

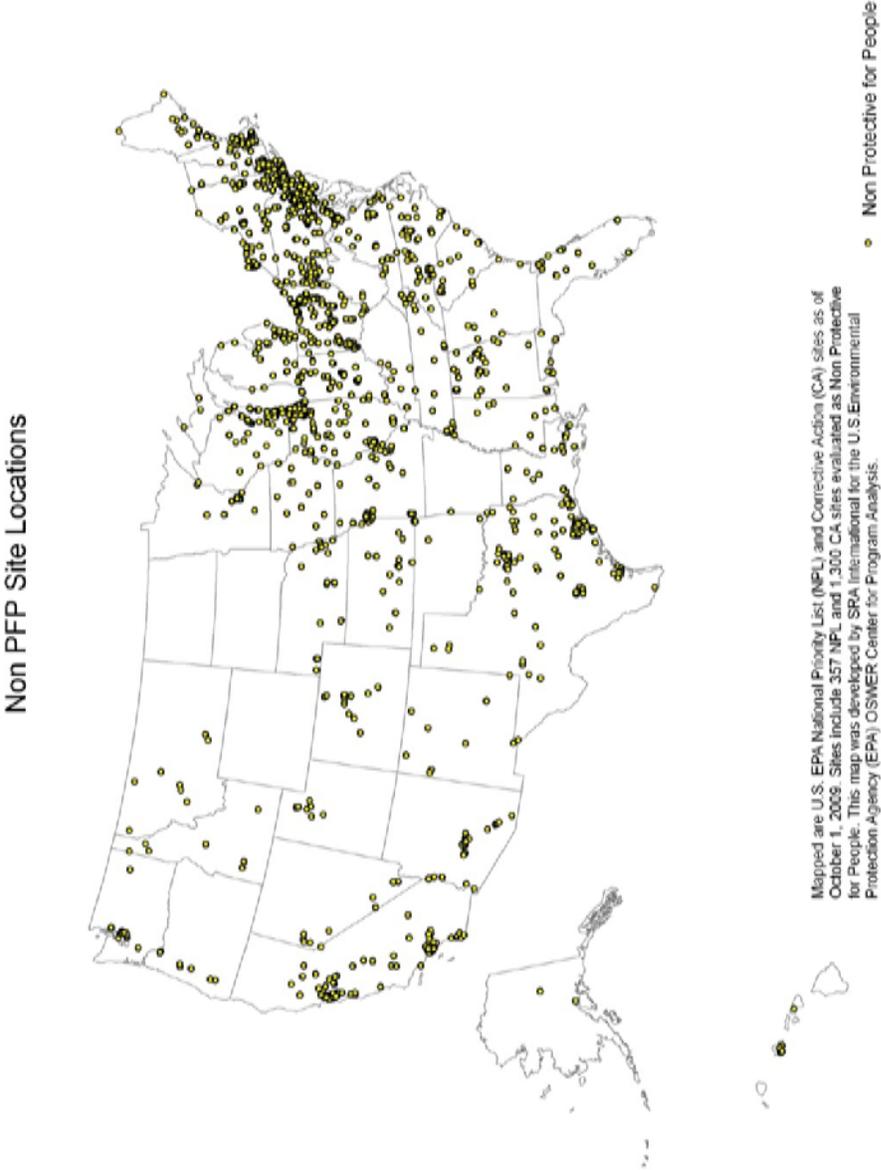


Figure A1. Locations of Superfund and Corrective Actions sites without a Protective for People designation, as of October 1, 2009.