

Estimates of Population at Risk of Contamination from Flooding in US Cities

		Census Tracts with Any Contaminated Site*			Census Tract Neighbor to Tract with Any Contaminated Site		
City	State	Total Population	Population in High Risk Flood Zone	Proportion of Total Population in High Risk Flood Zone	Total Population	Population in High Risk Flood Zone	Proportion of Total Population in High Risk Flood Zone
Abilene	TX	6417	815	0.127006389	100580	23867	0.237293697
Akron	OH	88482	2396	0.027078954	181422	4022	0.022169307
Albuquerque	NM	60164	2440	0.040555814	324762	10187	0.031367586
Alexandria	VA	4373	0	0	77683	8934	0.115005857
Allentown	PA	49804	12966	0.260340535	114086	8810	0.077222446
Amarillo	TX	12906	415	0.032155587	32428	2881	0.088842975
Anaheim	CA	19513	151	0.007738431	204850	6005	0.029314132
Anchorage	AK	42922	1172	0.027305345	185659	5175	0.027873682
Ann Arbor	MI	24872	924	0.037150209	92355	4479	0.048497645
Antioch	CA	17073	2158	0.126398407	70563	1471	0.020846619
Arlington	TX	120791	9585	0.079351938	241338	22908	0.094920816
Arvada	CO	22219	313	0.014087043	112123	4929	0.04396065
Atlanta	GA	147988	2562	0.017312215	372559	12105	0.032491498
Aurora	CO	55385	2285	0.041256658	445654	14748	0.033092938
Austin	TX	140175	13852	0.098819333	491130	29394	0.059849734
Bakersfield	CA	31896	1100	0.034487083	194327	2492	0.012823746
Baltimore	MD	104250	4304	0.041285372	462216	11200	0.024231095
Baton Rouge	LA	82545	8956	0.108498395	105114	18084	0.172041783
Bayamón	PR	14832	930	0.062702265	114010	2967	0.026024033
Beaumont	TX	19636	0	0	92157	7	7.60E-05
Bellevue	WA	7791	0	0	32404	232	0.00715961
Berkeley	CA	9813	109	0.011107714	128561	72	0.000560045

Billings	MT	32774	352	0.010740221	103747	329	0.003171176
Birmingham	AL	61695	3948	0.06399222	191266	8011	0.041884078
Boise City	ID	28800	539	0.018715278	252914	5879	0.023245056
Boston	MA	160889	2528	0.015712696	447730	21642	0.048337167
Bridgeport	CT	62966	7150	0.113553346	130395	7962	0.061060623
Brownsville	TX	17750	2732	0.153915493	82961	10050	0.121141259
Buffalo	NY	23551	102	0.004331026	187636	2889	0.015396832
Burbank	CA	8779	286	0.032577742	59001	740	0.01254216
Burlington	VT	33791	4138	0.122458643	29708	4402	0.148175576
Cambridge	MA	4178	0	0	65485	2886	0.044071161
Carlsbad	CA	4312	130	0.030148423	40992	2093	0.051058743
Carolina	PR	4640	0	0	50476	13459	0.266641572
Carrollton	TX	NA	NA	NA	5788	0	0
Cedar Rapids	IA	36269	2146	0.059168987	138664	7764	0.055991461
Chandler	AZ	NA	NA	NA	47450	231	0.004868282
Charleston	SC	39302	965	0.024553458	154607	9956	0.064395532
Charlotte	NC	69392	2027	0.02921086	276774	10668	0.038544083
Chattanooga	TN	63885	9298	0.145542772	171788	12618	0.073450998
Chesapeake	VA	26622	7108	0.26699722	106624	19602	0.183842287
Cheyenne	WY	11310	765	0.067639257	53701	592	0.011024003
Chicago	IL	172609	2665	0.015439519	1374927	15975	0.011618799
Chula Vista	CA	NA	NA	NA	101942	2263	0.022198897
Cincinnati	OH	91321	1340	0.014673514	296818	5426	0.018280562
Clarksville	TN	10029	636	0.063416093	58367	13764	0.235818185
Clearwater	FL	40180	5192	0.129218517	77336	5813	0.075165512
Cleveland	OH	159880	1931	0.012077808	313731	2888	0.009205338
Colorado Springs	CO	18638	588	0.031548449	124121	4037	0.032524714
Columbia	MO	118435	3794	0.032034449	251972	7506	0.029789024
Columbus	GA	101376	9045	0.089222301	479570	27869	0.058112476
Concord	CA	7123	146	0.020496982	71329	1625	0.022781758

Corona	CA	8687	617	0.071025671	125624	4331	0.034475896
Corpus Christi	TX	69380	6	8.65E-05	208779	186	0.000890894
Costa Mesa	CA	6404	0	0	66453	2298	0.034580832
Dallas	TX	86822	13395	0.154281173	414261	28991	0.069982451
Daly City	CA	NA	NA	NA	24954	0	0
Davenport	IA	26227	5888	0.224501468	86988	2546	0.029268405
Dayton	OH	56269	4454	0.079155485	172408	3180	0.01844462
Denton	TX	17574	928	0.052805281	137141	6599	0.04811836
Denver	CO	172966	6705	0.038764844	372364	6213	0.016685286
Des Moines	IA	43132	4	9.27E-05	167276	15	8.97E-05
Detroit	MI	179170	938	0.005235251	544579	2659	0.004882671
Downey	CA	4117	0	0	60238	1094	0.018161294
Durham	NC	28406	1069	0.037632894	122629	9601	0.078293063
El Monte	CA	7310	0	0	73915	0	0
El Paso	TX	76453	1540	0.020143094	466057	12507	0.026835773
Elgin	IL	12762	210	0.016455101	36657	1270	0.034645497
Elizabeth	NJ	17394	1312	0.075428309	97229	1615	0.016610271
Eugene	OR	28566	1405	0.049184345	137646	12352	0.089737442
Evansville	IN	9532	417	0.043747377	71004	5110	0.071967776
Everett	WA	12525	4744	0.378762475	78725	3820	0.048523341
Fairfield	CA	18873	323	0.017114396	88650	1298	0.01464185
Fargo	ND	28251	451	0.015964037	84376	12154	0.1440457
Fayetteville	NC	10602	188	0.017732503	86043	4530	0.052648095
Fontana	CA	15000	0	0	124782	303	0.002428235
Fort Collins	CO	15051	980	0.065111953	93693	2132	0.022755168
Fort Lauderdale	FL	22878	9044	0.395314276	117246	28349	0.241790765
Fort Wayne	IN	34025	3784	0.111212344	111438	10486	0.094097166
Fort Worth	TX	92867	10655	0.114733974	462988	29407	0.063515685
Fremont	CA	24683	6615	0.267998217	195156	7080	0.036278669
Fresno	CA	41384	914	0.02208583	241200	5641	0.023387231

Frisco	TX	7137	605	0.084769511	56806	2381	0.041914586
Fullerton	CA	41988	212	0.005049062	165997	2464	0.014843642
Gainesville	FL	25459	1866	0.073294316	121441	14219	0.117085663
Garden Grove	CA	589	0	0	17396	35	0.002011957
Garland	TX	28283	4939	0.174627868	244727	18278	0.074687305
Glendale	AZ	5754	6	0.001042753	69121	1207	0.017462132
Grand Prairie	TX	48636	6045	0.124290649	147810	21096	0.142723767
Grand Rapids	MI	145525	0	0	141755	0	0
Green Bay	WI	98508	8836	0.089698299	71406	2667	0.037349803
Greensboro	NC	65157	2647	0.040624952	223687	11258	0.050329255
Gresham	OR	25962	398	0.015330098	77728	1313	0.01689224
Hampton	VA	35060	10836	0.309070165	77174	17523	0.227058336
Hartford	CT	46404	752	0.0162055	123964	2811	0.022675938
Hayward	CA	NA	NA	NA	10131	43	0.004244398
Henderson	NV	29845	3327	0.111475959	141994	3066	0.021592462
Hialeah	FL	33002	3716	0.112599236	206028	67035	0.325368397
High Point	NC	22347	460	0.020584418	57054	3262	0.057173905
Hollywood	FL	20523	5578	0.271792623	100593	24164	0.240215522
Houston	TX	343022	36293	0.105803709	1315686	162259	0.123326538
Huntington Beach	CA	NA	NA	NA	37472	4072	0.108667805
Huntsville	AL	12484	2262	0.181191926	124361	9765	0.078521401
Independence	MO	23598	1352	0.057292991	71793	3248	0.04524118
Indianapolis	IN	146325	11338	0.07748505	497887	46809	0.094015309
Inglewood	CA	4090	0	0	91517	0	0
Irvine	CA	8831	1434	0.162382516	147999	4900	0.033108332
Irving	TX	41036	11520	0.280729116	64079	11129	0.173676243
Jackson	MS	52649	10295	0.195540276	161969	36878	0.227685545
Jacksonville	FL	92391	21014	0.227446396	476687	98123	0.205843667
Jersey City	NJ	24897	2394	0.096156163	144492	12022	0.083201838
Joliet	IL	13222	0	0	85781	0	0

Kansas City	KS	182032	10035	0.05512767	443633	11918	0.026864548
Kent	WA	55079	4115	0.07471087	151857	1274	0.008389472
Knoxville	TN	49371	2583	0.052318162	160149	6341	0.039594378
Lafayette	LA	17	0	0	21166	2445	0.115515449
Lakewood	CO	41091	1745	0.04246672	118785	3619	0.03046681
Lansing	MI	85526	4904	0.057339289	92903	1439	0.015489274
Laredo	TX	3010	722	0.23986711	37836	3162	0.083571202
Las Vegas	NV	16418	0	0	197944	1108	0.005597543
Lexington-Fayette	KY	29249	608	0.020787035	197841	7624	0.038535996
Lincoln	NE	39271	10658	0.271396196	165745	13446	0.081124619
Little Rock	AR	42526	4454	0.104735926	92212	16053	0.174087971
Long Beach	CA	18263	107	0.00585884	290251	7631	0.026291038
Los Angeles	CA	290320	4732	0.016299256	1753141	17970	0.010250174
Lowell	MA	36509	3638	0.099646662	94011	10636	0.113135697
Lubbock	TX	7064	254	0.035956965	57325	4604	0.080313999
Madison	WI	71510	2969	0.041518669	176128	4703	0.026702171
Manchester	NH	56271	3565	0.063354126	113458	5185	0.04569973
McAllen	TX	14134	0	0	83791	0	0
McKinney	TX	18509	1981	0.107029013	95809	5431	0.056685698
Memphis	TN	53376	9646	0.180717926	270302	19650	0.072696465
Mesa	AZ	47684	230	0.004823421	236206	3273	0.013856549
Mesquite	TX	NA	NA	NA	36069	1494	0.04142061
Miami	FL	62663	10451	0.166781035	151044	44833	0.296820794
Miami Gardens	FL	28160	4585	0.162819602	89270	22886	0.256368321
Midland	TX	14515	0	0	56872	0	0
Milwaukee	WI	231846	3894	0.016795632	511796	8155	0.015934083
Minneapolis	MN	121732	3109	0.02553971	274193	11295	0.041193612
Mobile	AL	48278	7126	0.147603463	159351	14694	0.092211533
Modesto	CA	23868	0	0	125386	705	0.005622637
Montgomery	AL	20897	1887	0.090300043	81018	10821	0.133562912

Moreno Valley	CA	NA	NA	NA	52554	1046	0.019903338
Naperville	IL	7494	128	0.017080331	40677	1335	0.032819529
New Haven	CT	63530	7710	0.121359987	112493	11417	0.101490759
New Orleans	LA	58239	13897	0.238620169	311446	69862	0.22431497
New York	NY	179528	6531	0.036378726	3203470	91742	0.02863832
Newark	NJ	50185	6438	0.128285344	280968	4448	0.015830984
Newport News	VA	19036	2304	0.121033831	99799	12311	0.123357949
Norfolk	VA	17917	3415	0.190601105	80430	15875	0.197376601
Norman	OK	22678	1622	0.071523062	104432	9763	0.093486671
North Las Vegas	NV	46828	914	0.019518237	184068	1678	0.009116196
Norwalk	CA	8360	0	0	65203	0	0
Oakland	CA	60600	1040	0.017161716	231524	4187	0.018084518
Oceanside	CA	39454	0	0	55192	9133	0.165476881
Oklahoma City	OK	168801	10586	0.062712899	456574	26307	0.057618261
Olathe	KS	9832	49	0.004983727	77153	2716	0.035202779
Omaha	NE	86721	2790	0.032172138	259578	12325	0.047480911
Ontario	CA	22799	381	0.016711259	144323	686	0.004753227
Orange	CA	NA	NA	NA	23995	2403	0.100145864
Orlando	FL	35708	2041	0.05715806	160364	20645	0.12873837
Overland Park	KS	5485	0	0	76774	2750	0.035819418
Oxnard	CA	7582	57	0.007517805	58341	0	0
Palm Bay	FL	3580	232	0.064804469	29924	1948	0.065098249
Pasadena	CA	21444	2780	0.129639993	169909	10664	0.062763008
Paterson	NJ	12840	0	0	89733	6819	0.07599211
Pembroke Pines	NA	NA	NA	NA	14697	2111	0.143634755
Peoria	AZ	48844	63	0.001289821	155058	1721	0.011099073
Philadelphia	PA	217182	10384	0.047812434	880321	27934	0.031731607
Phoenix	AZ	64351	1895	0.029447872	504613	15636	0.030986122
Pittsburgh	PA	105253	6970	0.06622139	314393	7723	0.024564796
Plano	TX	8835	1	0.000113186	45251	5224	0.115444963

Pomona	CA	NA	NA	NA	25589	2	7.82E-05
Ponce	PR	14591	7156	0.490439312	98229	29011	0.29534048
Port St. Lucie	FL	6434	14	0.00217594	46578	582	0.012495169
Portland	ME	214950	13512	0.06286113	535440	15642	0.029213357
Providence	RI	121095	4259	0.035170734	127855	4088	0.03197372
Provo	UT	5663	911	0.160868797	65201	2323	0.035628288
Pueblo	CO	12564	499	0.039716651	79897	3036	0.037998924
Raleigh	NC	56115	3951	0.070408982	279671	15459	0.055275663
Rancho Cucamonga	CA	NA	NA	NA	57818	633	0.010948148
Reno	NV	26362	198	0.007510811	118733	4715	0.039710948
Richmond	CA	158509	11102	0.070040187	274314	7377	0.026892539
Riverside	CA	26456	2028	0.076655579	159808	4661	0.029166249
Rochester	NY	88231	4295	0.048679036	319591	11022	0.03448783
Rockford	IL	67195	4229	0.06293623	122092	4310	0.035301248
Roseville	CA	6695	0	0	60723	0	0
Sacramento	CA	101555	6334	0.062370144	351278	47695	0.135775653
Salem	OR	43601	4522	0.103713218	148344	10108	0.06813892
Salinas	CA	4487	95	0.021172275	61676	6541	0.106054219
Salt Lake City	UT	48235	1752	0.036322173	190975	5002	0.02619191
San Antonio	TX	106676	6919	0.06485995	625843	47960	0.076632638
San Bernardino	CA	19574	410	0.020946153	193770	7594	0.039190793
San Diego	CA	121958	6152	0.050443595	703273	29075	0.041342409
San Francisco	CA	59334	0	0	324167	4	1.23E-05
San Jose	CA	89028	7731	0.086837849	591151	48070	0.081315941
San Juan	PR	3518	0	0	56440	5149	0.091229624
Santa Ana	CA	32212	541	0.016794983	180986	2980	0.016465362
Santa Clara	CA	16672	5448	0.326775432	111917	10211	0.091237256
Santa Clarita	CA	3385	253	0.074741507	94036	10506	0.11172317
Santa Rosa	CA	22344	1200	0.053705693	123374	909	0.007367841

Savannah	GA	36444	3535	0.096998134	110335	14368	0.130221598
Scottsdale	AZ	17861	1117	0.062538492	83032	5418	0.065251951
Seattle	WA	84103	1040	0.01236579	449902	3499	0.007777249
Shreveport	LA	15692	926	0.059010961	70785	10119	0.142954016
Simi Valley	CA	5489	57	0.010384405	58071	7534	0.129737735
Sioux Falls	SD	39147	2158	0.055125552	99322	15455	0.155605002
South Bend	IN	35587	793	0.022283418	121505	2445	0.020122629
Spokane	WA	34542	927	0.026836894	156347	2939	0.01879793
Springfield	IL	191029	6824	0.035722325	247870	7007	0.028268851
St. Louis	MO	172543	7095	0.041120185	215147	4951	0.023012173
St. Paul	MN	89431	6916	0.077333363	208809	4749	0.022743273
St. Petersburg	FL	44081	3430	0.077811302	100399	16331	0.162660983
Stamford	CT	24545	2164	0.088164596	80573	4758	0.05905204
Sterling Heights	MI	20980	1385	0.066015253	97677	3654	0.037409011
Stockton	CA	29010	608	0.02095829	186682	14497	0.077656121
Sunnyvale	CA	30262	830	0.027427136	154742	14181	0.091642864
Surprise	AZ	4608	98	0.021267361	34582	53	0.001532589
Syracuse	NY	20855	0	0	92420	898	0.009716512
Tacoma	WA	30242	233	0.007704517	150824	1071	0.007100992
Tallahassee	FL	25315	1856	0.073316216	122554	10390	0.084778955
Tampa	FL	109683	15661	0.142784205	221245	37348	0.168808335
Tempe	AZ	3212	0	0	60408	249	0.004121971
Thornton	CO	30333	1743	0.05746217	130622	3493	0.026741284
Thousand Oaks	CA	5654	1277	0.2258578	90674	517	0.005701745
Toledo	OH	129341	11426	0.088340124	156358	9184	0.058737001
Topeka	KS	8893	1353	0.152142134	46073	4830	0.104833634
Torrance	CA	13554	66	0.004869411	149591	270	0.001804921
Tucson	AZ	182931	11334	0.061957787	288752	12720	0.044051643
Tulsa	OK	30055	2301	0.076559641	130784	6143	0.046970577
Urban Honolulu	HI	14494	2532	0.174692976	101478	6003	0.059155679

Vallejo	CA	13165	1715	0.130269654	49227	6360	0.129197392
Vancouver	WA	17320	88	0.005080831	127370	3552	0.027887258
Victorville	CA	11377	18	0.001582139	63213	1137	0.017986807
Virginia Beach	VA	6511	1849	0.283980955	108157	22709	0.209963294
Visalia	CA	59423	11688	0.196691517	66250	13745	0.207471698
Waco	TX	27679	2383	0.086094151	126737	11860	0.093579618
Warren	MI	14412	250	0.017346656	106198	1531	0.014416467
Washington	DC	112991	4749	0.042029896	573567	20335	0.035453574
Waterbury	CT	78896	1682	0.021319205	69358	1324	0.019089362
West Covina	CA	9905	0	0	113880	66	0.000579557
West Jordan	UT	7881	10	0.001268875	38581	521	0.013504056
West Palm Beach	FL	36447	5491	0.150657119	71096	20726	0.291521323
West Valley City	UT	6892	3	0.000435287	77614	1343	0.017303579
Westminster	CO	22166	364	0.016421547	98387	4763	0.048410867
Wichita	KS	105534	8695	0.082390509	313930	16908	0.053859141
Wichita Falls	TX	26660	717	0.026894224	32670	3540	0.10835629
Wilmington	DE	80948	9351	0.115518605	142747	4231	0.029639852
Winston-Salem	NC	8958	195	0.021768252	85068	3984	0.046833122
Worcester	MA	34056	2975	0.087356119	151700	5466	0.036031641
Yonkers	NY	8453	460	0.05441855	85491	2372	0.027745611

Notes:

*Cities with "NA" values in "Census Tracts with Any Contaminated Site" but numerical values in "Census Tract Neighbor to Tract with Any Contaminated Site" are a result of directly abutting cities, such as Carrollton, TX and Dallas, TX. In such instances, the prior city does not contain any contaminated sites (in our list), but does contain census tracts that directly border a census tract from the latter city that does contain a contaminated site.