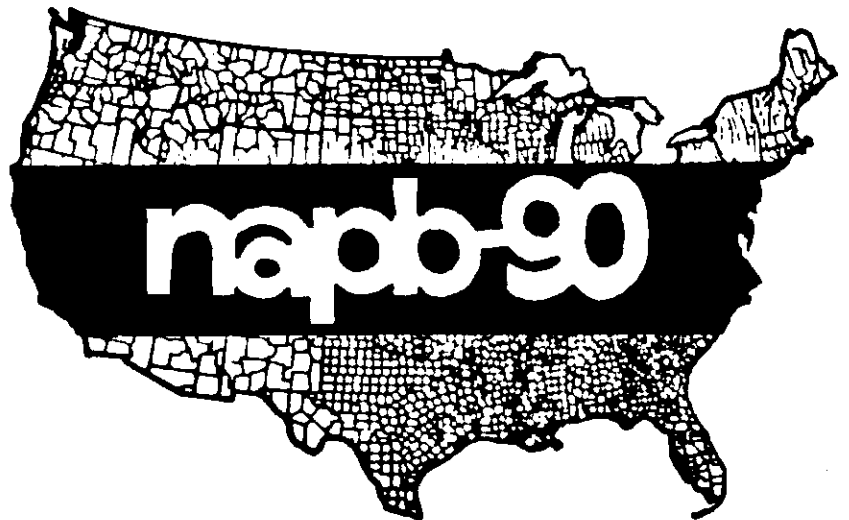


Nuclear Attack Planning Base-1990 Final Project Report

Annex B Fallout Risk Statistics & Maps



ANNEX B - FALLOUT RISK

This Annex provides summaries of the fallout risk to U.S. resident population and land area by State counties. For a discussion of the methodology employed to obtain this data, see Part 3., "Risk Definitions."

ANNEX B - FALLOUT RISK

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*Interim data; to be corrected

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*Interim data; to be corrected

[A NATIONAL FALLOUT RISK MAP WILL BE PUBLISHED SEPARATELY]

N A T I O N A L F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 242,109,419
Land Area: 3,551,226 square miles

FEMA REGION	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Region I	---	---	---	---	1 900 820	13 044	10 419 387	48 638
Region II	---	---	---	---	1 091 500	10 398	27 534 618	48 038
Region III	---	---	---	---	489 309	2 487	24 609 567	118 063
Region IV*	58 176	995	10 023 786	72 614	8 873 497	85 897	23 487 246	219 540
Region V	1 302 116	40 280	8 947 930	119 939	28 512 850	135 959	6 924 191	27 367
Region VI*	313 222	8 955	4 879 207	98 751	6 518 856	103 069	16 429 077	337 808
Region VII*	4 876 949	140 887	6 980 657	131 586	87 635	10 498	---	---
Region VIII	1 620 896	209 611	3 159 198	140 926	2 080 308	112 806	849 329	110 154
Region IX	1 351 111	20 941	14 558 057	52 204	9 492 568	72 277	6 102 606	241 548
Region X	---	---	640 633	8 387	3 571 884	72 376	4 442 233	735 183
NATIONAL TOTALS*	9 522 470	421 669	49 189 468	624 407	62 619 227	618 811	120 778 254	1 886 339

*Interim data; to be corrected

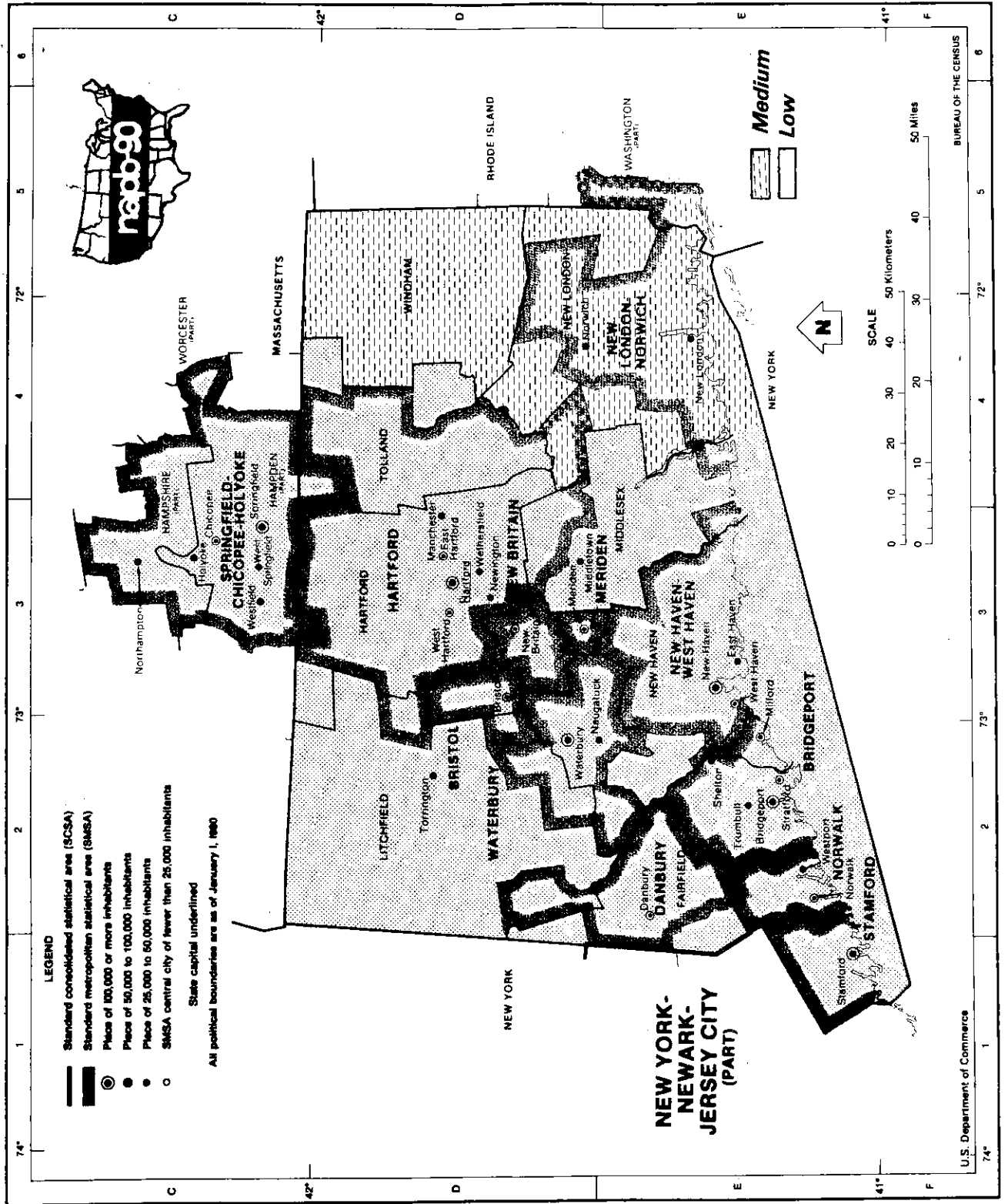
F E M A R E G I O N I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 12,320,207
 Land Area: 61,682 square miles

STATE	VERY HIGH RISK [GT 15000R] POPULATION	VERY HIGH RISK AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	HIGH RISK AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	MEDIUM RISK AREA	LOW RISK [LT 3000R] POPULATION	LOW RISK AREA
Connecticut	---	---	---	---	341 261	1 184	2 824 200	3 688
Maine	---	---	---	---	88 277	6 721	1 072 601	24 274
Massachusetts	---	---	---	---	655 822	1 514	4 847 653	4 983
New Hampshire	---	---	---	---	---	---	990 437	8 992
Rhode Island	---	---	---	---	578 010	416	387 461	638
Vermont	---	---	---	---	237 450	3 209	297 035	6 063

TOTAL REGION I --- --- --- --- 1 900 820 13 044 10 419 387 48 638

FEMA Region 1 - CONNECTICUT - Potential Fallout



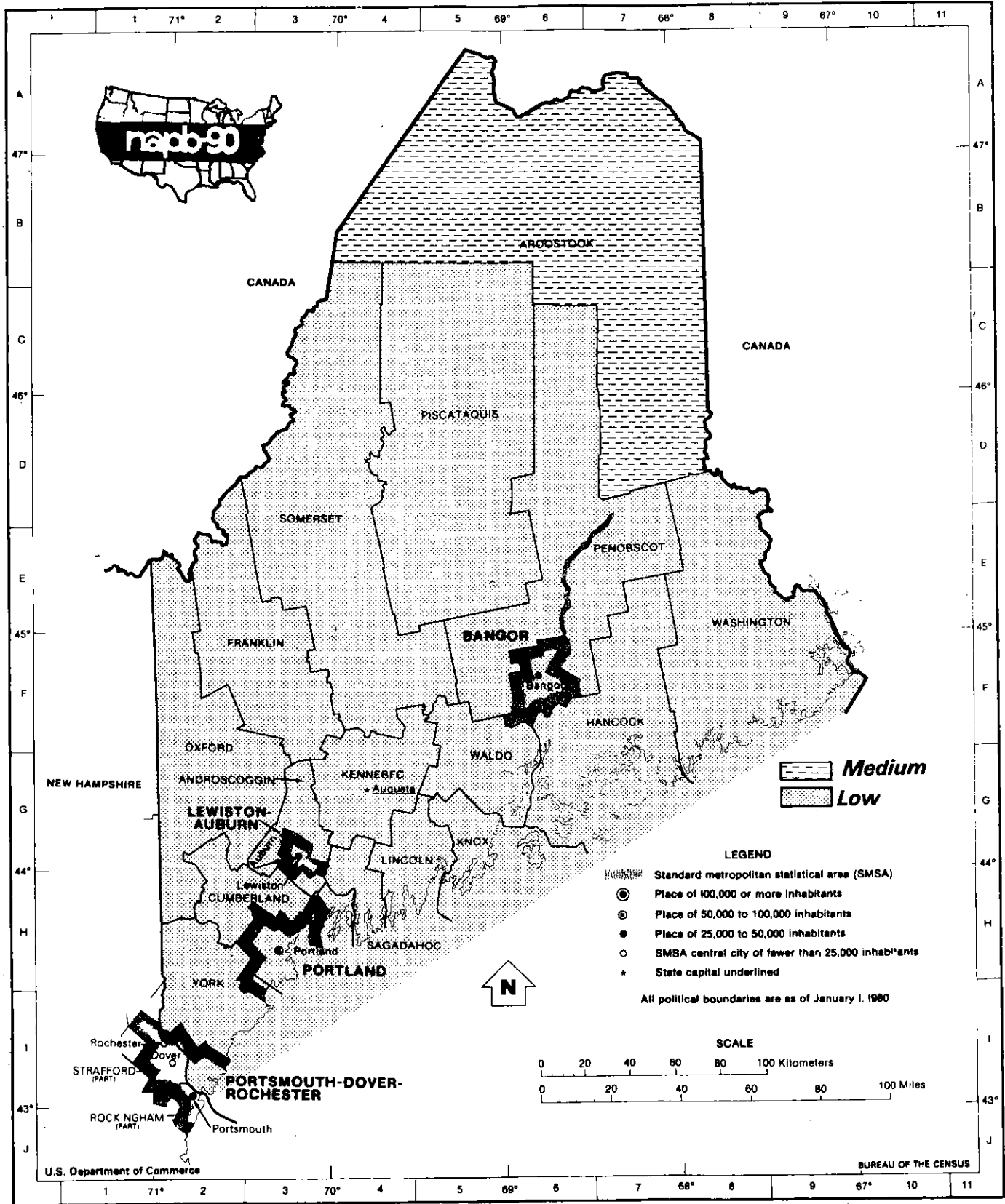
S T A T E O F C O N N E C T I C U T - - F A L L O U T R I S K

Estimated 1985 Population: 3,165,461
 Land Area: 4,872 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Fairfield	818 293	632
Hartford	819 457	739
Litchfield	160 885	922
Middlesex	133 498	373
New Haven	771 603	610
New London	246 137	669		
Tolland	120 464	412
Windham	95 124	515		

TOTAL STATE	---	---	---	---	341 261	1 184	2 824 200	3 688
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FEMA Region 1 — MAINE — Potential Fallout



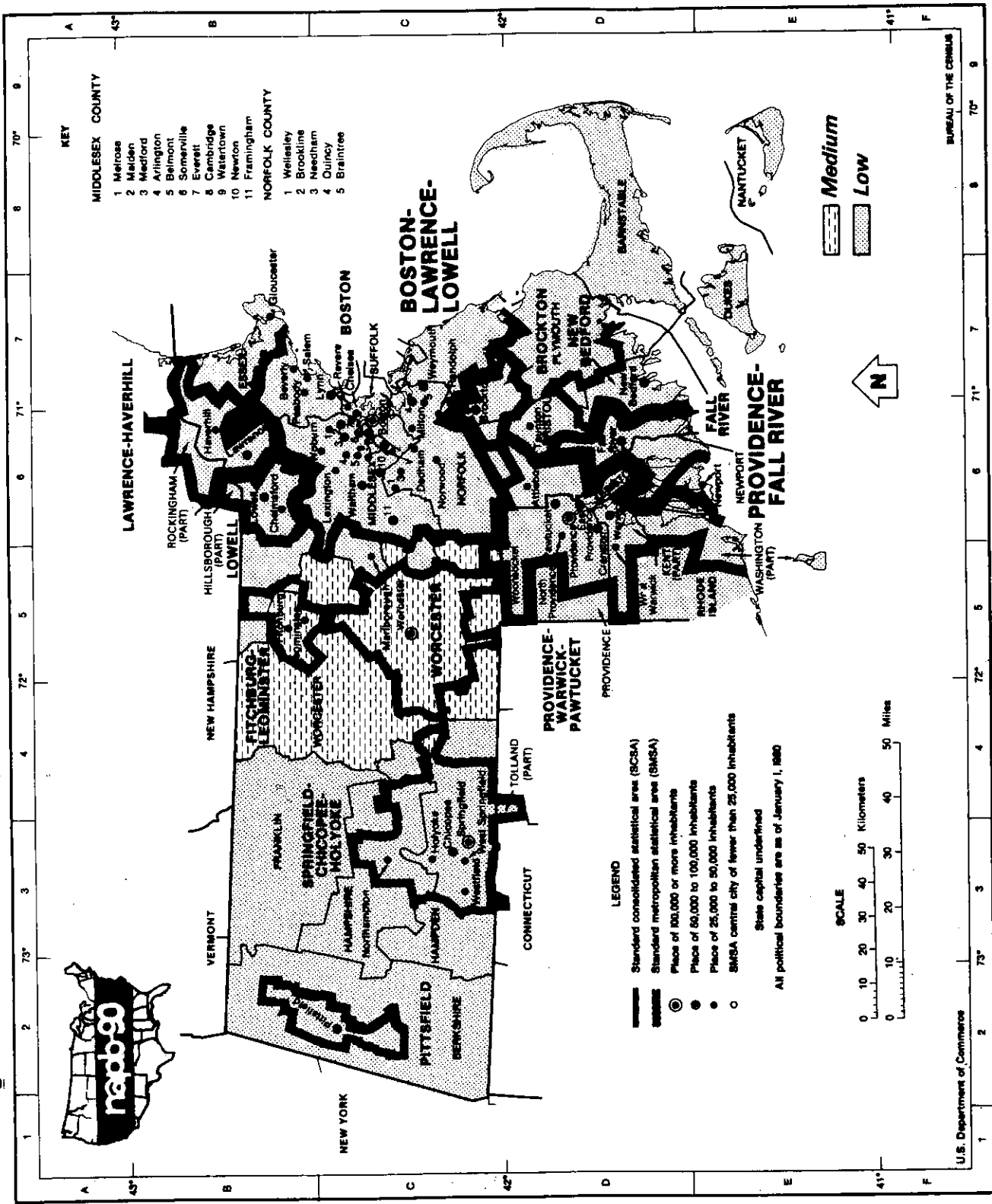
S T A T E O F M A I N E - - F A L L O U T R I S K

Estimated 1985 Population: 1,160,878
Land Area: 30,995 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Androscoggin	100 112	477
Aroostook
Cumberland	88 277	6 721	.....	.....	.....
Franklin	225 058	876
Hancock	29 408	1 699
	43 805	1 537
Kennebec	112 723	876
Knos	34 496	370
Lincoln	27 958	458
Osford	49 771	2 053
Penobscot	138 771	3 430
Piscataquis	18 065	3 986
Sagadahoc	30 689	257
Somerset	46 806	3 931
Waldo	26 692	730
Washington	33 858	2 586
York	154 389	1 008

STATE TOTAL	---	---	---	---	88 277	6 721	1 072 601	24 274
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FEMA Region 1 — MASSACHUSETTS — Potential Fallout

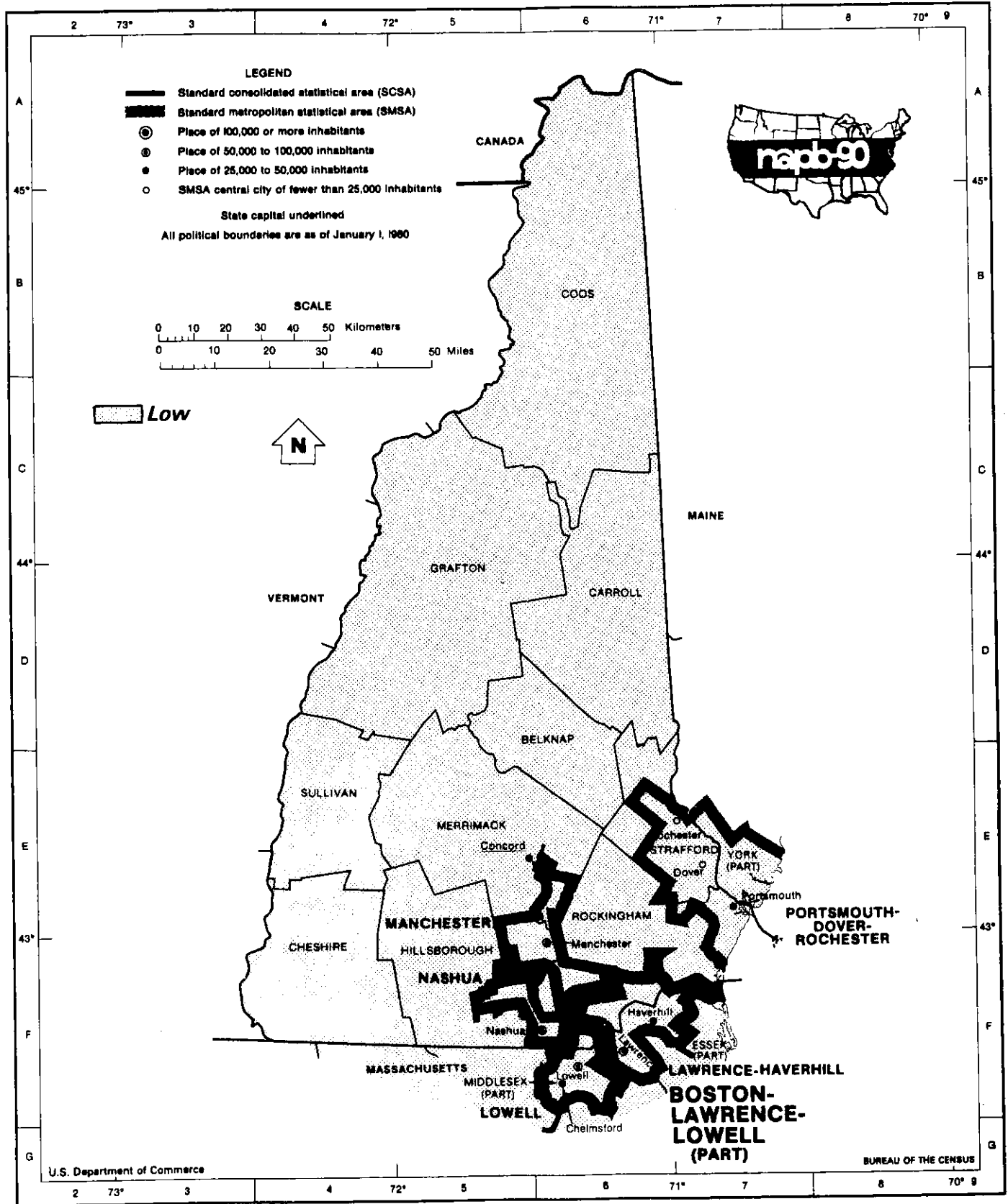


S T A T E O F M A S S A C H U S E T S - - F A L L O U T R I S K

Estimated 1985 Population: 5,503,475
Land Area: 6,497 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bristol	478 662	557
Dukes	10 337	102
Essex	648 793	495
Franklin	64 987	702
Hampden	442 601	618
Hampshire	141 781	528
Middlesex	1 369 905	822
Nantucket	6 070	47
Norfolk	602 837	400
Plymouth	420 708	655
Suffolk	660 972	57
Worcester	655 822	1 514
TOTAL STATE	---	---	---	---	---	---	4 847 653	4 983

FEMA Region 1 — NEW HAMPSHIRE — Potential Fallout



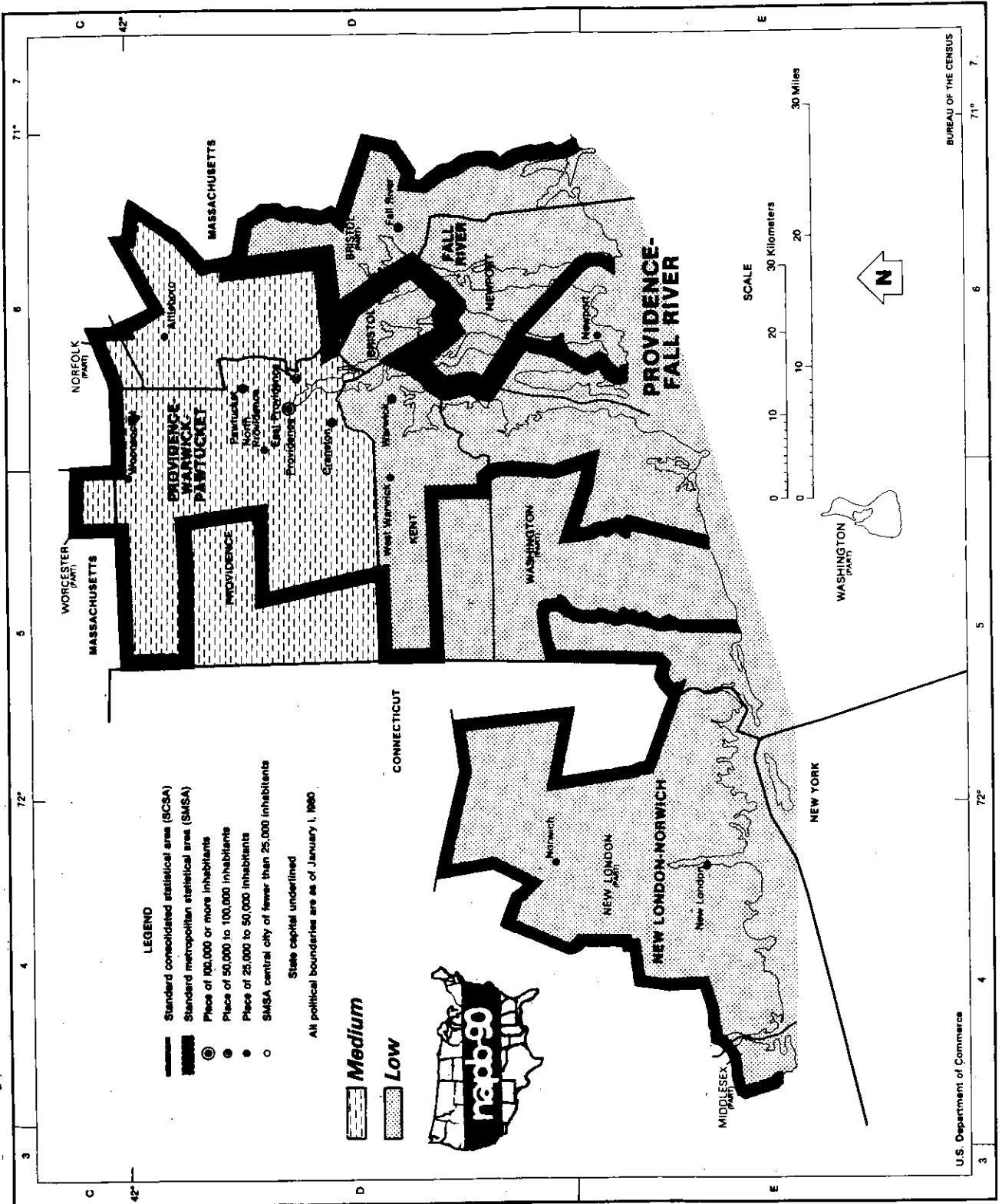
S T A T E O F N E W H A M P S H I R E - - F A L L O U T R I S K

Estimated 1985 Population: 990,437
 Land Area: 8,992 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Belknap	46 034	404
Carrroll	30 428	932
Cheshire	64 644	711
Coos	33 352	1 805
Grafton	68 735	1 719
Hillsborough	299 744	876
Merrimack	103 605	936
Rockingham	212 199	699
Strafford	93 819	370
Sullivan	37 877	540

TOTAL STATE --- --- --- --- --- --- 990 437 8 992

FEMA Region 1 — RHODE ISLAND — Potential Fallout

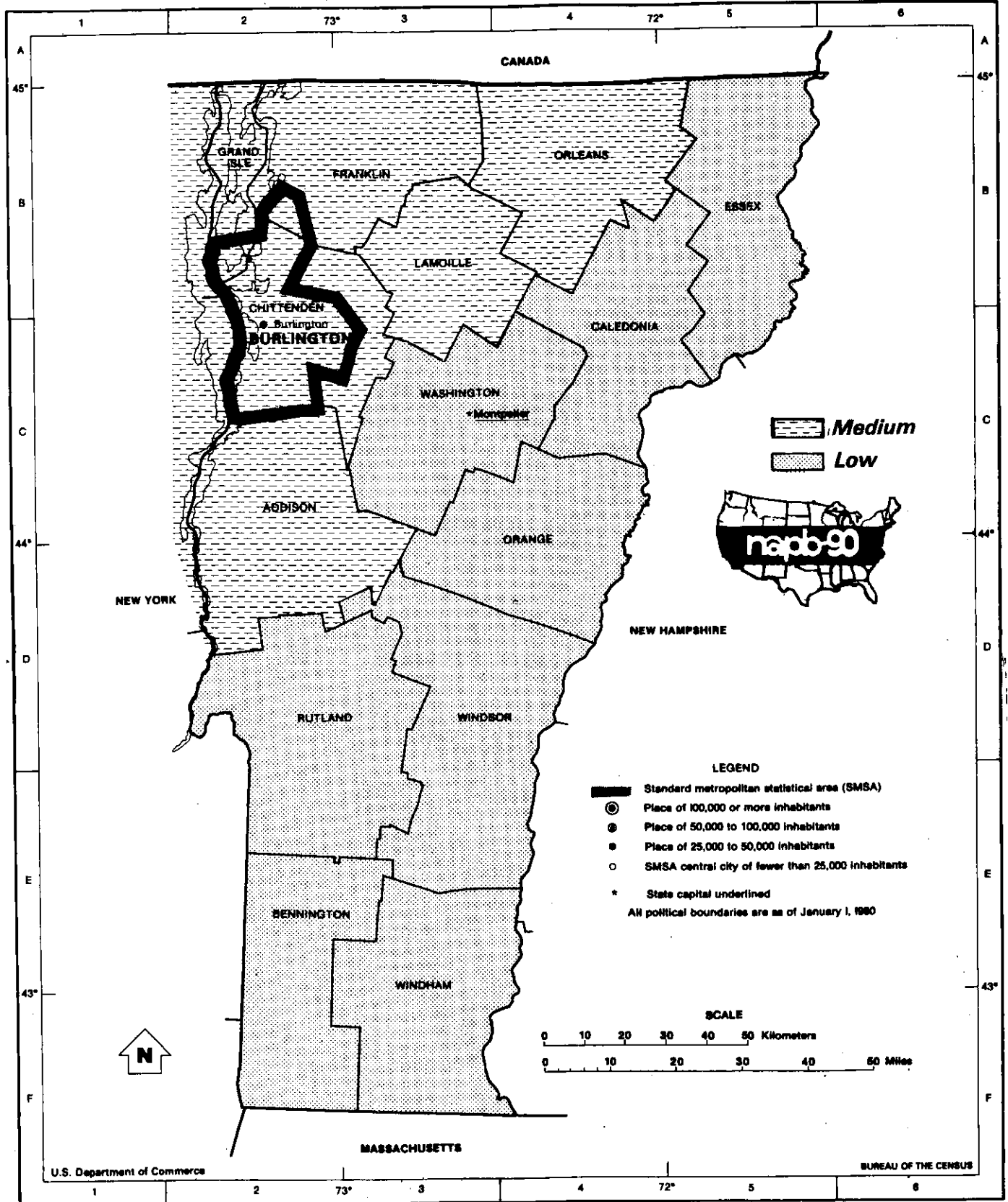


S T A T E O F R H O D E I S L A N D - - F A L L O U T R I S K

Estimated 1985 Population: 965,471
 Land Area: 1,054 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bristol	46 484	26
Kent	158 247	172
Newport	84 236	107
Providence	578 010	416	.....	.....
Washington	98 494	333
TOTAL STATE	---	---	---	---	578 010	416	387 461	638

FEMA Region 1 – VERMONT – Potential Fallout



S T A T E O F V E R M O N T - - F A L L O U T R I S K

Estimated 1985 Population: 534,485
Land Area: 9,272 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Addison	31 248	773	.....	.....
Bennington	34 937	676
Caledonia	26 478	651
Chittenden	123 194	540	.....	.....
Essex	6 646	666
Franklin	36 337	649	.....	.....
Grand Isle	5 002	89	.....	.....
Lamoille	17 676	461	.....	.....
Orange	24 019	690
Orleans	23 993	697	.....	.....
Rutland	59 226	932
Washington	53 831	690
Windham	38 786	786
Windsor	53 112	972

TOTAL STATE --- --- --- --- 237 450 3 209 297 035 6 063

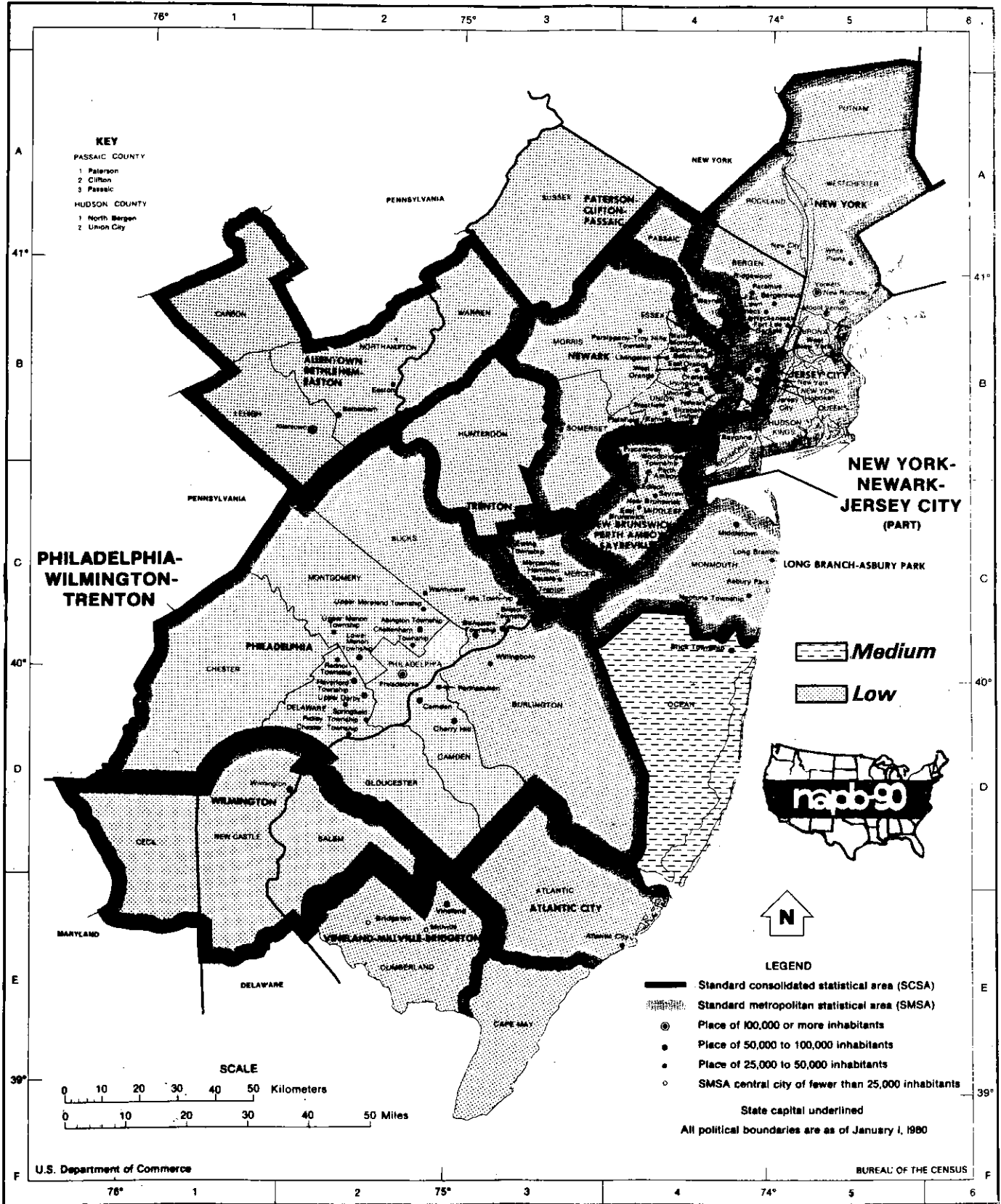
F E M A R E G I O N I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 28,626,118
 Land Area: 58,436 square miles

STATE	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/LT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/LT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION	AREA
New Jersey	382 488	641	7 168 673 6 827
New York	709 012	9 757	17 065 131 37 620
Puerto Rico	3 196 520 3 459
Virgin Islands	104 294 132

TOTAL REGION II --- --- --- --- 1 091 500 10 398 27 534 618 48 038

FEMA Region 2 — NEW JERSEY — Potential Fallout



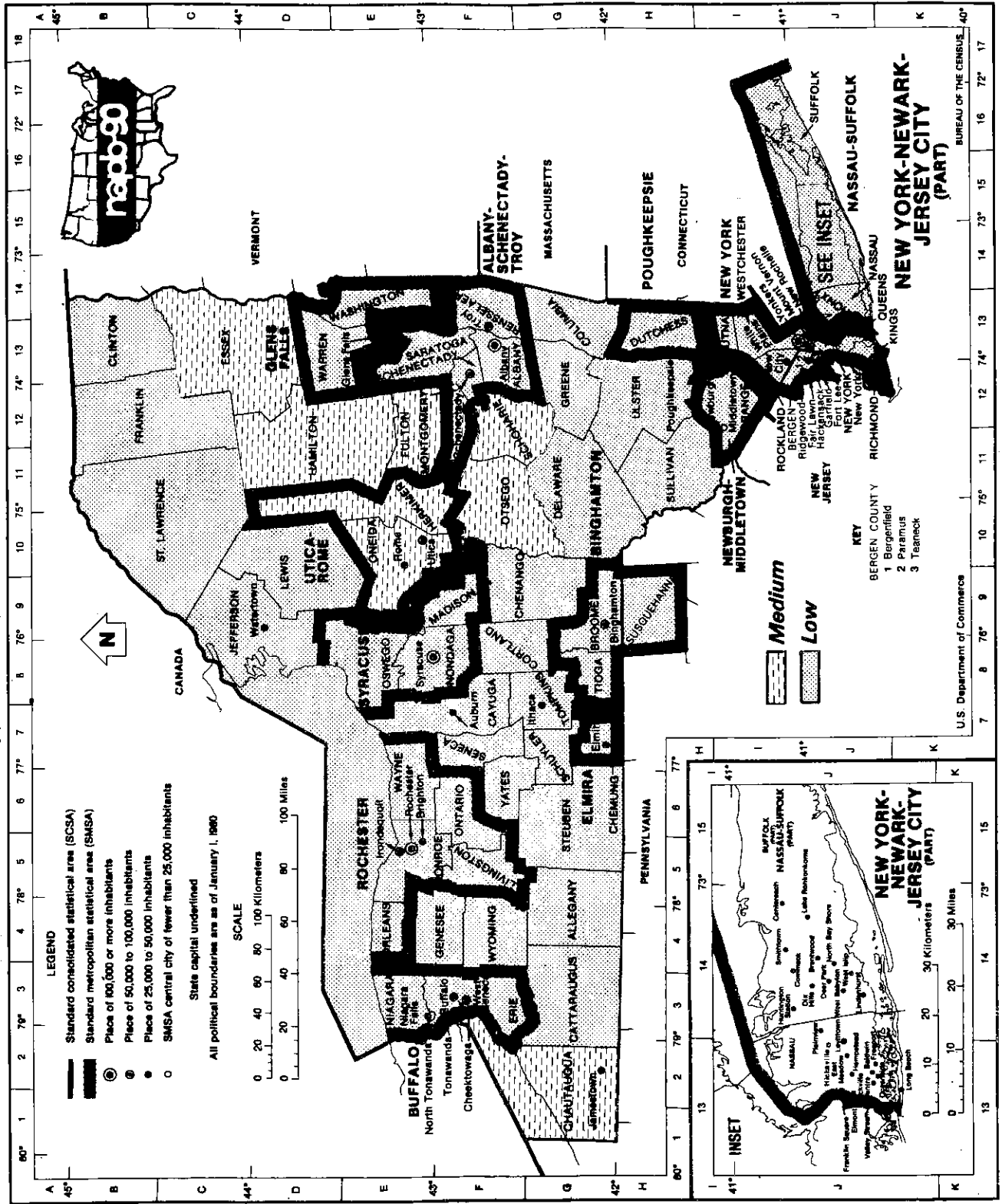
S T A T E O F N E W J E R S E Y - - F A L L O U T R I S K

Estimated 1985 Population: 7,551,161
 Land Area: 7,468 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Atlantic	202 977	568
Bergen	843 976	237
Burlington	382 675	808
Camden	484 532	223
Cape May	90 810	263
Cumberland	133 582	498
Essex	826 857	127
Gloucester	209 076	327
Hudson	560 606	46
Hunterdon	93 887	427
Mercer	315 518	227
Middlesex	623 943	316
Monmouth	530 780	472
Morris	420 366	471
Ocean	382 488	641
Passaic	457 120	187
Salem	66 592	338
Somerset	212 791	305
Sussex	121 242	525
Union	505 786	103
Warren	85 557	359

STATE TOTAL --- --- --- --- --- --- 7 168 673 6 827

FEMA Region 2 — NEW YORK — Potential Fallout



S T A T E O F N E W Y O R K - - F A L L O U T R I S K

Estimated 1985 Population: 17,774,143
 Land Area: 47,377 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 3000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Albany	285 433	524
Allegany	51 343	1 032
Bronx	1 173 939	42
Broome	213 451	712
Cattaraugus	86 102	1 306
Cayuga	80 381	695
Chautauqua	146 038	1 064	.....	.....	.....
Chemung	92 406	411
Chenango	50 447	897
Clinton	80 924	1 043
Columbia	61 646	638
Cortland	47 988	500
Delaware	46 664	1 440
Dutchess	255 073	804
Erie	977 687	1 046
Essex	36 733	1 807	.....	.....
Franklin	43 604	1 642
Fulton	56 407	497	.....	.....
Genesee	56 691	495
Greene	41 477	648
Hamilton	4 806	1 721	.....	.....
Herkimer	67 691	1 417	.....	.....
Jefferson	89 068	1 273
Kings	2 259 554	70
Lewis	24 945	1 283

STATE OF NEW YORK (Continued)

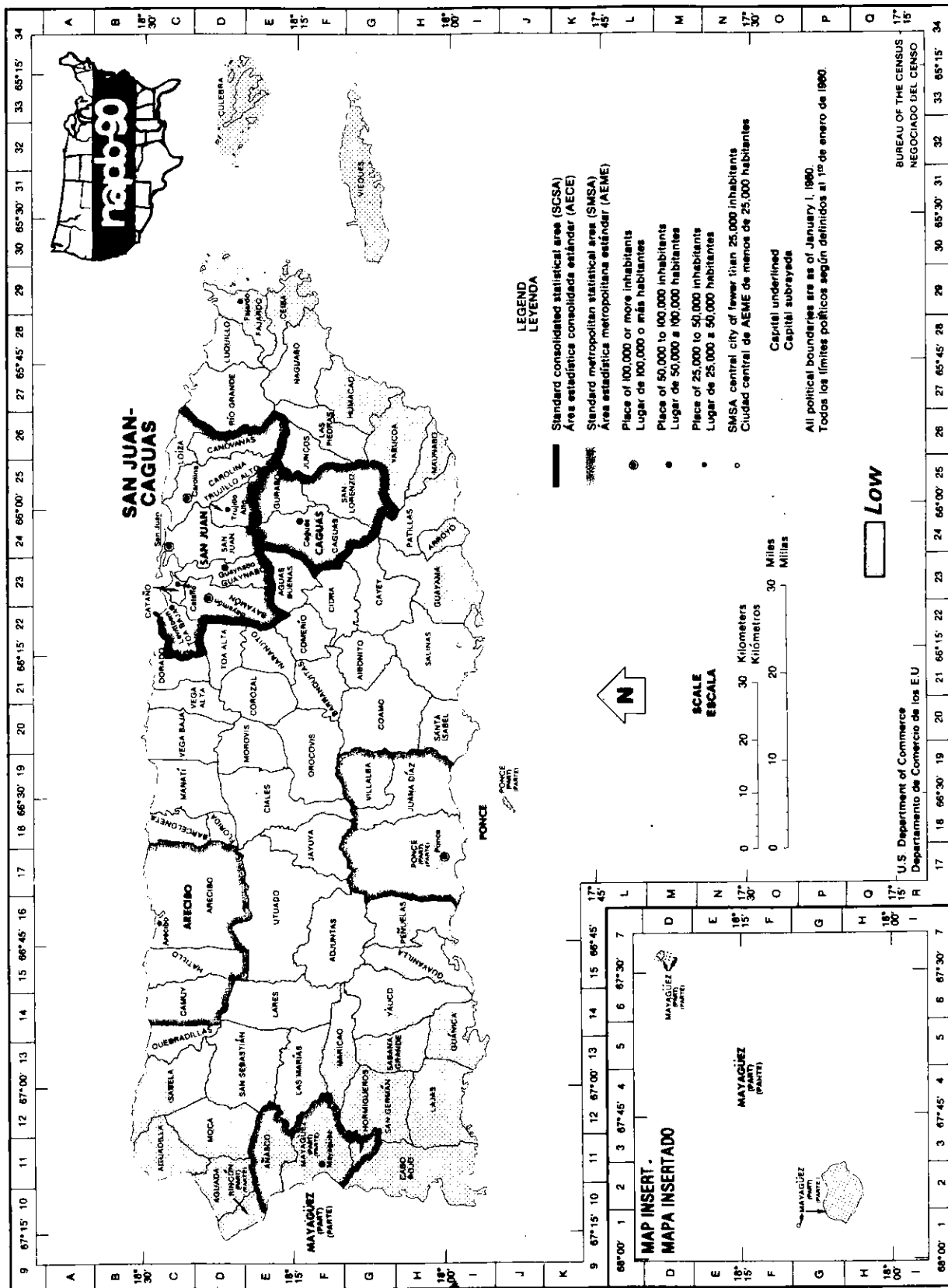
COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Livingston	58 866	633
Madison	67 406	656
Monroe	713 316	663
Montgomery	404	.....	.....	53 004	.....
Nassau	1 342 306	287
New York	1 463 052	22
Niagara	217 492	526
Oneida	1 219	.....	.....	253 963	.....
Onondaga	464 441	785
Ontario	92 890	644
Orange	276 972	826
Orleans	39 425	391
Oswego	120 383	954
Otsego	1 004	.....	.....	59 978	.....
Putnam	81 774	231
Queens	1 916 194	108
Rensselaer	152 266	655
Richmond	375 223	59
Rockland	265 505	175
St Lawrence	113 496	2 728
Saratoga	161 216	810
Schenectady	151 139	206
Schoharie	624	.....	.....	30 392	.....
Schuyler	17 721	329
Seneca	32 754	327

STATE OF NEW YORK (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Steuben	99 365	1 396
Suffolk	1 322 809	912
Sullivan	67 719	976
Tioga	50 776	519
Tompkins	88 051	477
Ulster	163 741	1 131
Warren	55 645	882
Washington	56 349	836
Wayne	88 815	603
Westchester	866 945	438
Wyoming	40 761	595
Yates	21 495	339

TOTAL STATE	-----	-----	-----	-----	-----	-----	709 012	9 757	17 065 131	37 620
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FEMA Region 2 — PUERTO RICO — Potential Fallout



TERRITORY OF PUERTO RICO -- FALLOUT RISK

Estimated 1985 Population: 3,196,520
 Land Area: 3,459 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION	AREA
All Counties	3 196 520 3 459
TOTAL TERRITORY	---	---	---	---	3 196 520 3 459

[MAP WILL BE FURNISHED SEPARATELY]

REGION II - TERRITORY OF THE VIRGIN ISLANDS - Potential Fallout

TERRITORY OF THE VIRGIN ISLANDS - - FALLOUT RISK

Estimated 1985 Population: 104,294
 Land Area: 132 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION	AREA
All Counties	---	---	---	104 294	132
TOTAL TERRITORY	---	---	---	104 294	132

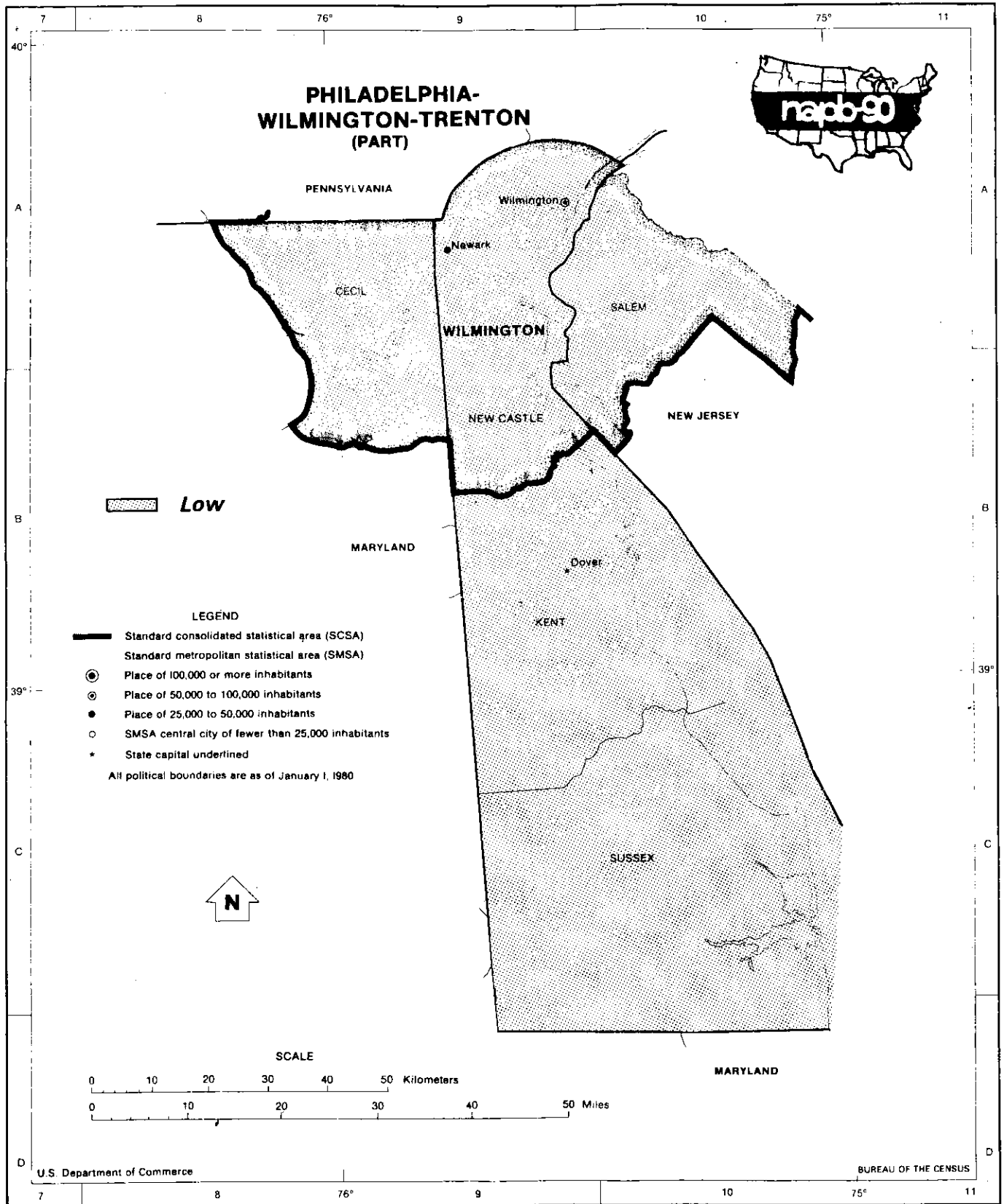
F E M A R E G I O N I I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 25,107,876
 Land Area: 120,550 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Delaware	---	---	---	---	---	---	530 229	1 933
Dist.of Columbia	---	---	---	---	---	---	618 906	63
Maryland	---	---	---	---	---	---	4 381 743	9 838
Pennsylvania	---	---	---	---	498 309	2 487	11 410 774	42 405
Virginia	---	---	---	---	---	---	5 715 659	39 700
West Virginia	---	---	---	---	---	---	1 952 256	24 124

TOTAL REGION III --- --- --- --- 489 309 2 487 24 609 567 118 063

FEMA Region 3 — DELAWARE — *Potential Fallout*

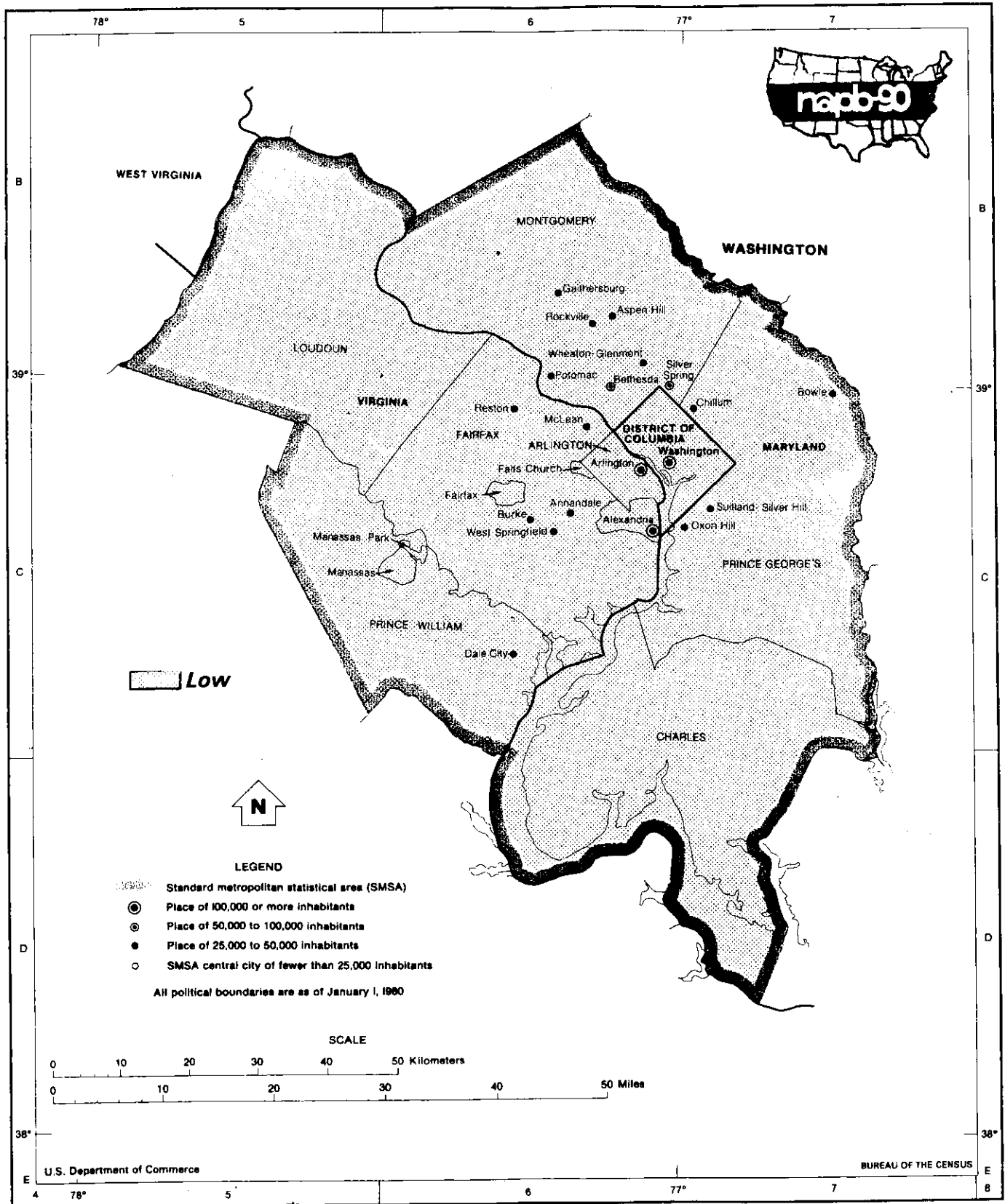


S T A T E O F D E L A W A R E - - F A L L O U T R I S K

Estimated 1985 Population: 530,229
 Land Area: 1,933 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Kent	15 037	595
New Castle	409 985	396
Sussex	105 207	942
TOTAL STATE	---	---	---	---	---	---	530 229	1 933

FEMA Region 3 – DISTRICT OF COLUMBIA – Potential Fallout

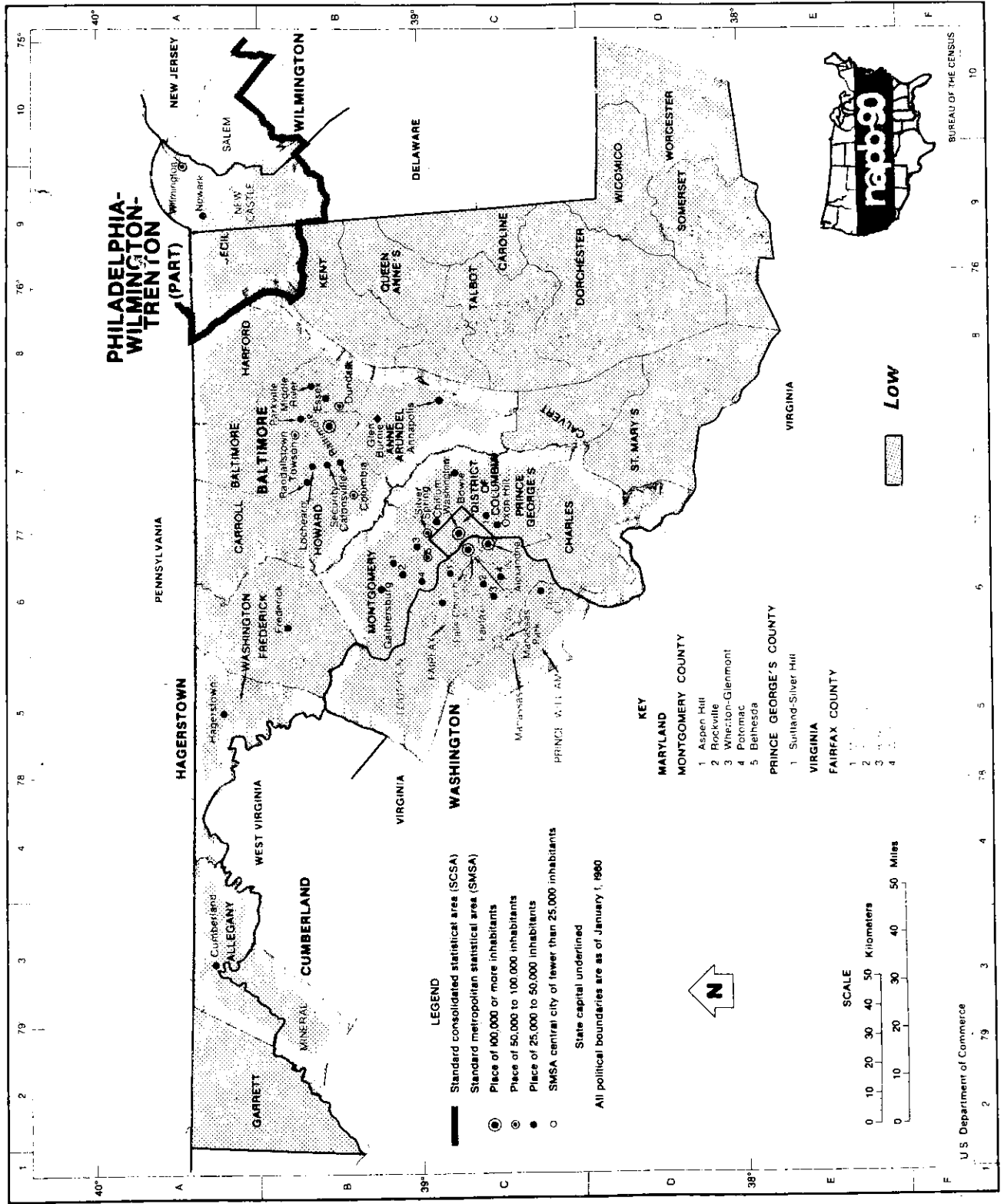


D I S T R I C T O F C O L U M B I A - - F A L L O U T R I S K

Estimated 1985 Population: 618,906
 Land Area: 63 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Dist. of Columbia							618 906	63
TOTAL DISTRICT	---	---	---	---	---	---	618 906	63

FEMA Region 3 — MARYLAND — Potential Fallout



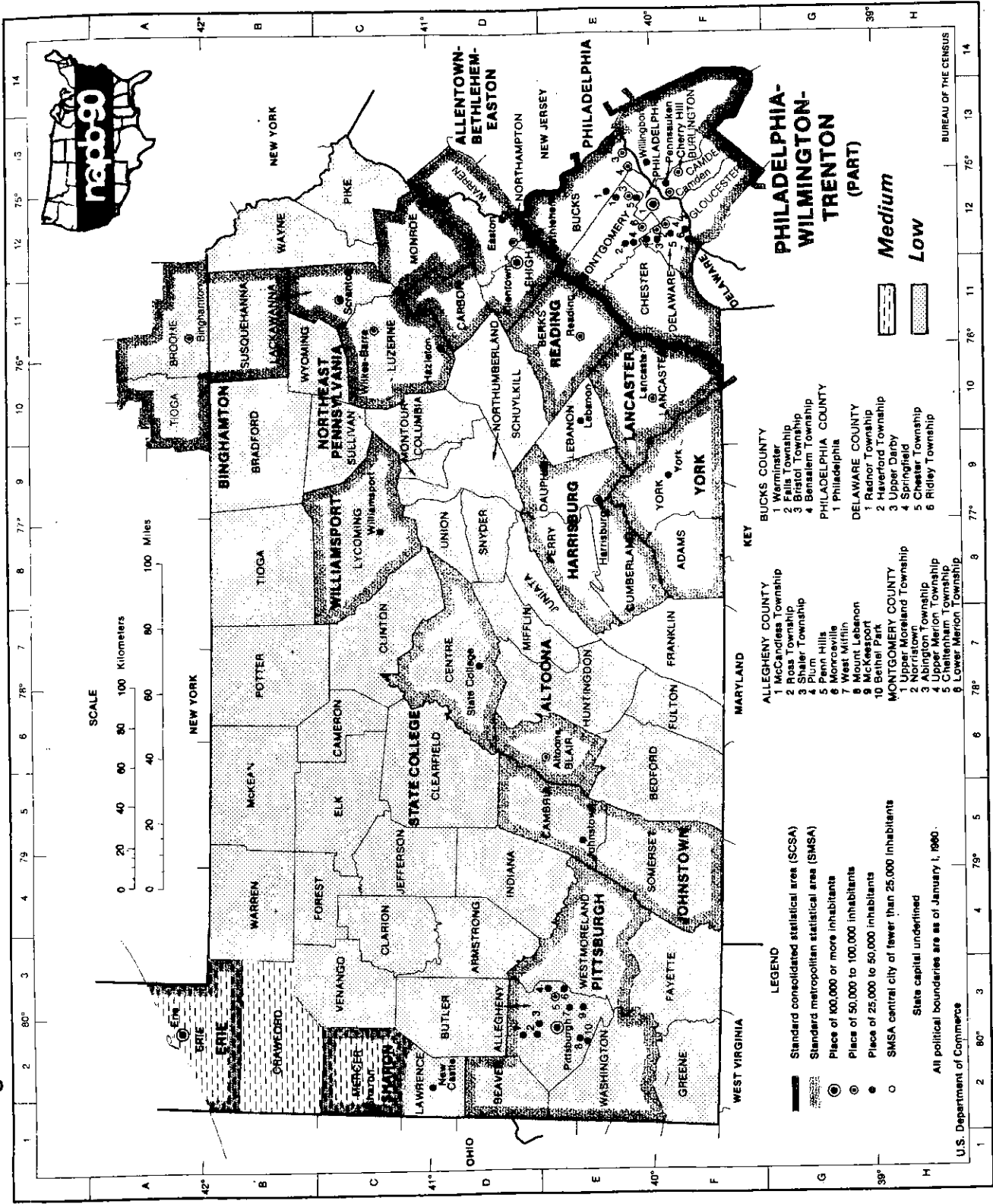
S T A T E O F M A R Y L A N D - - F A L L O U T R I S K

Estimated 1985 Population: 4,381,743
Land Area: 9,838 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Allegany	76 002	421
Anne Arundel	393 425	419
Baltimore	677 372	598
Calvert	40 418	213
Caroline	23 715	321
Carroll	106 853	452
Cecil	66 776	359
Charles	84 030	452
Dorchester	29 717	593
Frederick	126 295	663
Garrett	26 913	657
Harford	152 156	447
Howard	139 967	251
Kent	16 679	278
Montgomery	635 241	495
Prince Georges	678 149	487
Queen Annes	28 229	372
St Marys	64 355	373
Somerset	18 515	339
Talbot	27 117	259
Washington	111 651	455
Wicomico	66 361	379
Worcester	34 039	475
Baltimore City	757 768	80

----- TOTAL STATE ----- 4 381 743 9 838

FEMA Region 3 — PENNSYLVANIA — Potential Fallout



S T A T E O F P E N N S Y L V A N I A - - F A L L O U T R I S K

Estimated 1985 Population: 11,909,083
Land Area: 44,892 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	68 459	521
Allegheny	1 399 652	727
Armstrong	83 324	646
Beaver	197 808	436
Bedford	48 356	1 017
Berks	318 305	861
Blair	133 813	527
Bradford	64 199	1 152
Bucks	515 874	610
Butler	152 040	789
Cambria	175 533	691
Cameron	6 596	398
Carbon	54 170	385
Centre	114 856	1 106
Chester	339 008	758
Clarion	42 996	607
Clearfield	84 733	1 149
Clinton	39 156	892
Columbia	61 778	486
Crawford	89 061	1 011		
Cumberland	186 988	547
Dauphin	236 650	528
Delaware	550 418	184
Elk	37 425	830
Erie	282 674	804		

STATE OF PENNSYLVANIA (Continued)

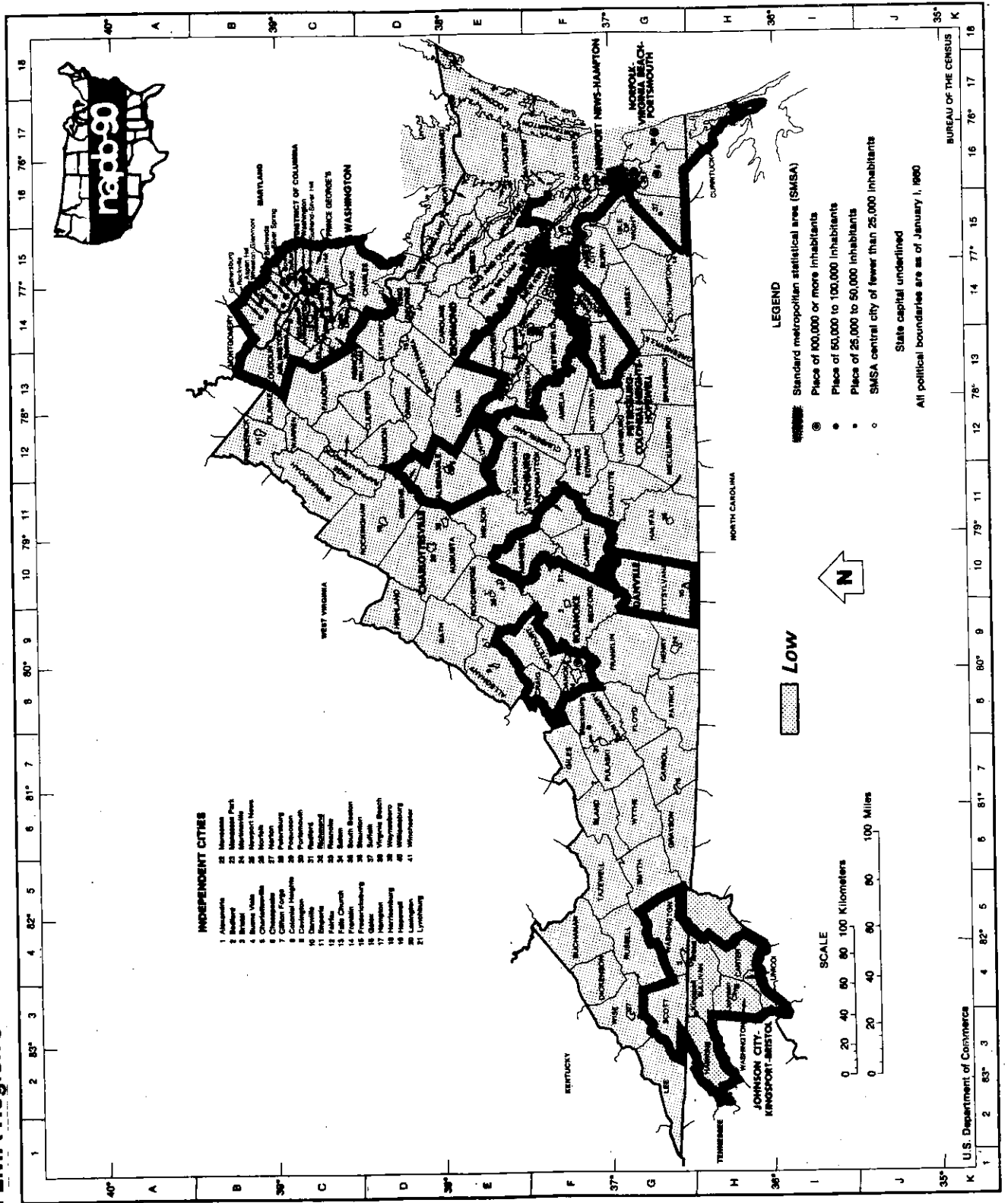
COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Fayette	159 070	794
Forest	5 018	428
Franklin	116 866	774
Fulton	13 721	437
Greene	41 362	577
Huntingdon	42 811	877
Indiana	93 550	829
Jefferson	49 051	656
Juniata	19 980	392
Lackawanna	222 969	461
Lancaster	386 020	952
Lawrence	105 403	363
Lebanon	111 919	363
Lehigh	277 519	348
Luzerne	334 652	891
Lycoming	116 783	1 237
McKean	48 882	979
Mercer	126 574	672	46 580	413
Mifflin	79 149	609
Monroe	662 853	486
Montgomery	17 066	131
Montour	232 130	376
Northampton	100 144	461
Northumberland	38 081	557
Perry	1 636 321	136
Philadelphia	21 143	551
Pike	18 490	1 081
Potter	158 879	781
Schuylkill	35 824	329
Snyder		

STATE OF PENNSYLVANIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Somerset	82 007	1 073
Sullivan	6 159	451
Susquehanna	39 233	826
Tioga	40 093	1 131
Union	33 796	317
Venango	64 445	679
Warren	47 707	885
Washington	217 162	858
Wayne	38 414	731
Westmoreland	385 141	1 033
Wyoming	27 557	399
York	324 687	906

TOTAL STATE --- --- --- --- 498 309 2 487 11 410 774 42 405

FEMA Region 3 - VIRGINIA - Potential Fallout



S T A T E O F V I R G I N I A - - F A L L O U T R I S K

Estimated 1985 Population: 5,715,659
 Land Area: 39,700 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Accomack	30 877	476
Albemarle	59 605	725
Alleghany	13 541	446
Amelia	8 247	357
Amherst	29 207	478
Appomattox	12 380	336
Arlington	154 597	26
Augusta	54 869	989
Bath	5 302	537
Bedford	37 379	747
Bland	6 584	359
Botetourt	23 987	545
Brunswick	16 369	563
Buchanan	37 878	504
Buckingham	11 972	583
Campbell	46 194	505
Caroline	18 878	536
Carroll	28 517	478
Charles City	6 751	181
Charlotte	11 840	476
Chesterfield	164 500	434
Clarke	10 212	178
Craig	4 029	330
Culpeper	23 367	382
Cumberland	7 883	300

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Dickenson	20 223	331
Dinwiddie	21 091	507
Essex	8 754	263
Fairfax	692 187	393
Fauquier	40 110	651
Floyd	11 749	381
Fluvanna	10 519	290
Franklin	37 107	683
Frederick	35 630	415
Giles	17 799	362
Gloucester	25 841	225
Goochland	12 676	281
Grayson	16 832	446
Greene	8 522	157
Greensville	10 082	300
Halifax	29 663	816
Hanover	52 693	468
Henrico	195 226	238
Henry	56 311	382
Highland	2 797	416
Isle of Wight	23 553	319
James City	25 364	153
King & Queen	5 897	317
King George	11 204	180
King William	9 888	278
Lancaster	10 760	133
Lee	27 010	437
Loudoun	63 985	521
Louisa	18 918	497
Lunenburg	12 155	432

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Madison	10 609	322
Mathews	8 623	87
Mecklenburg	27 798	616
Middlesex	8 286	134
Montgomery	65 379	390
Nelson	12 336	475
New Kent	10 111	213
Northhampton	14 097	226
Northumberland	9 918	185
Nottoway	14 182	317
Orange	19 053	342
Page	19 593	313
Patrick	17 739	481
Pittsylvania	66 604	995
Powhatan	13 752	261
Prince Edward	16 928	354
Prince George	26 007	266
Prince William	169 165	339
Pulaski	34 978	318
Rappahannock	6 117	267
Richmond	6 816	193
Roanoke	74 101	251
Rockbridge	18 123	603
Rockingham	53 179	865
Russell	33 140	479
Scott	25 669	536
Shenandoah	28 403	512
Smyth	33 437	452
Southampton	19 089	603
Spotsylvania	36 716	404

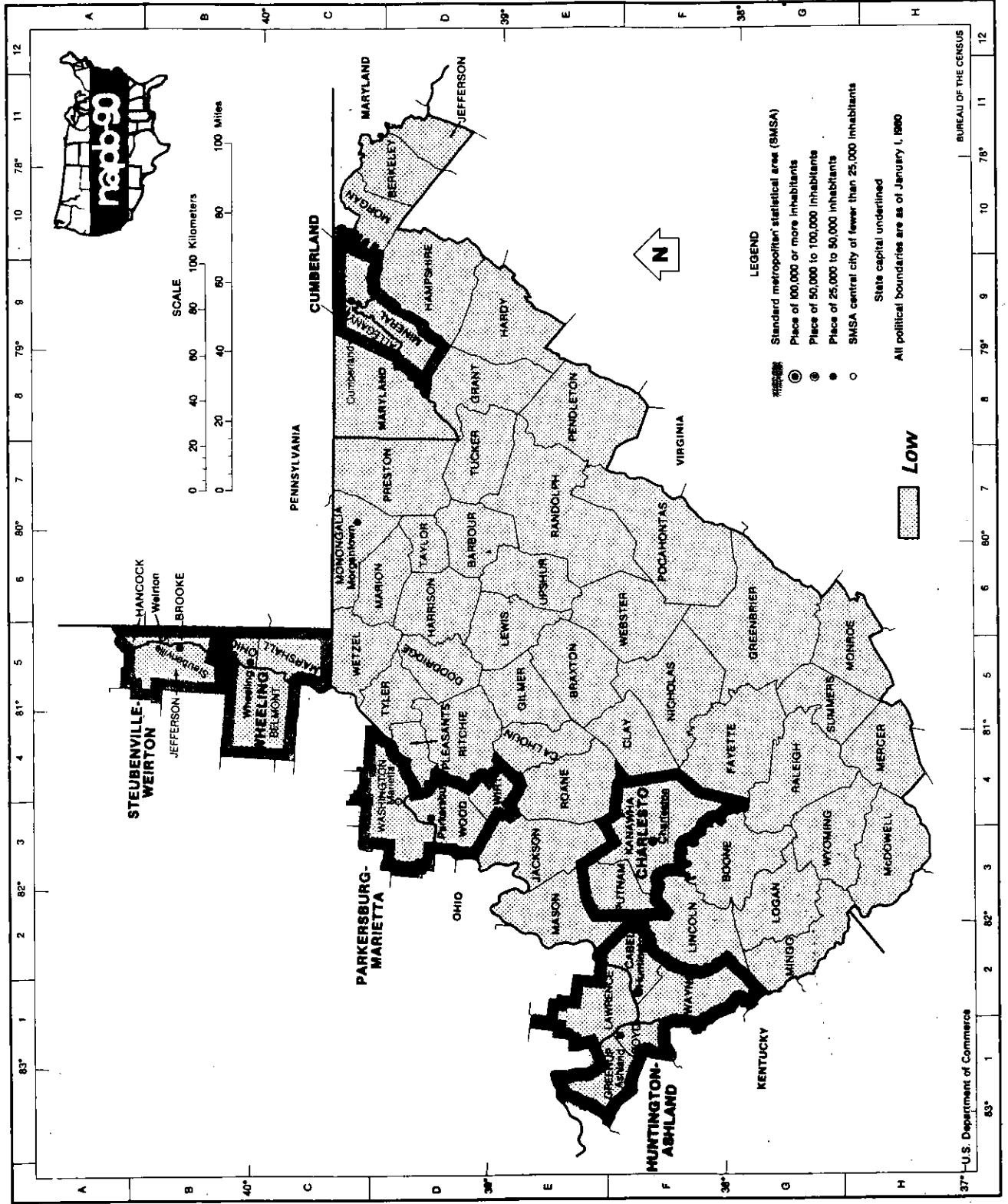
STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Stafford	48 799	271
Stafford	6 288	281
Sussex	10 226	492
Tazewell	51 785	520
Warren	22 363	217
Washington	47 631	563
Westmoreland	14 279	227
Wise	45 748	405
Wythe	25 624	464
York	40 171	113
INDEPENDENT CITIES								
Alexandria	107 977	15
Bedford	6 277	7
Bristol	18 401	12
Buena Vista	6 414	3
Charlottesville	40 757	10
Chesapeake	128 906	340
Clifton Forge	4 803	3
Colonial Heights	17 613	8
Covington	7 492	4
Danville	44 426	17
Emporia	4 822	2
Fairfax	20 471	6
Falls Church	9 547	2
Franklin	7 175	4
Fredericksburg	19 356	6
Galax	6 507	8
Hampton	126 828	51
Harrisonburg	26 543	6
Hopewell	24 495	10
Lexington	6 774	2

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lynchburg	67 430	49
Manassas	25 643	8
Manassas Park	6 524	2
Martinsville	18 264	11
Newport News	159 965	65
Norfolk	282 850	53
Norton	4 446	7
Petersburg	40 714	23
Poquoson	10 073	17
Portsmouth	108 802	30
Radford	13 415	7
Richmond	219 010	60
Roanoke	100 799	43
Salem	24 293	14
South Boston	7 353	5
Staunton	21 871	8
Suffolk	49 070	409
Virginia Beach	320 264	256
Waynesboro	15 194	8
Williamsburg	11 161	5
Winchester	20 561	9
TOTAL STATE	---	---	---	---	---	---	5 715 659	39 700

FEMA Region 3 — WEST VIRGINIA — Potential Fallout



S T A T E O F W E S T V I R G I N I A - - F A L L O U T R I S K

Estimated 1985 Population: 1,952,256
Land Area: 24,124 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Barbour	16 575	343
Berkeley	50 737	322
Boone	30 926	503
Braxton	14 867	513
Brooke	29 855	90
Cabell	105 480	282
Calhoun	8 754	280
Clay	11 636	346
Dodridge	7 728	321
Fayette	56 777	667
Gilmer	8 570	340
Grant	10 700	480
Greenbrier	36 418	1 025
Hampshire	16 044	644
Hancock	39 360	85
Hardy	10 750	585
Harrison	77 827	417
Jackson	26 271	464
Jefferson	32 646	209
Kanawha	225 530	901
Lewis	18 828	389
Lincoln	23 898	439
Logan	51 109	456
McDowell	46 772	535
Marion	64 570	312

STATE OF WEST VIRGINIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Marshall	40 688	305
Mason	26 520	433
Mercer	74 229	420
Mineral	27 657	329
Mingo	38 728	424
Monongalia	78 079	363
Monroe	13 156	473
Morgan	11 225	230
Nicholas	27 964	650
Ohio	60 308	106
Pendleton	7 970	698
Pleasants	7 959	131
Pocahontas	9 687	942
Preston	31 346	651
Putnam	40 735	346
Raleigh	86 190	608
Randolph	29 608	1 040
Ritchie	11 700	454
Roane	15 630	484
Summers	15 424	353
Taylor	16 499	174
Tucker	8 759	421
Tyler	11 013	258
Upshur	24 904	355
Wayne	46 385	508

STATE OF WEST VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Webster	11 609	556
Wetzel	22 106	359
Wirt	5 281	235
Wood	92 885	368
Wyoming	35 334	502
TOTAL STATE	---	---	---	---	---	---	1 952 256	24 124

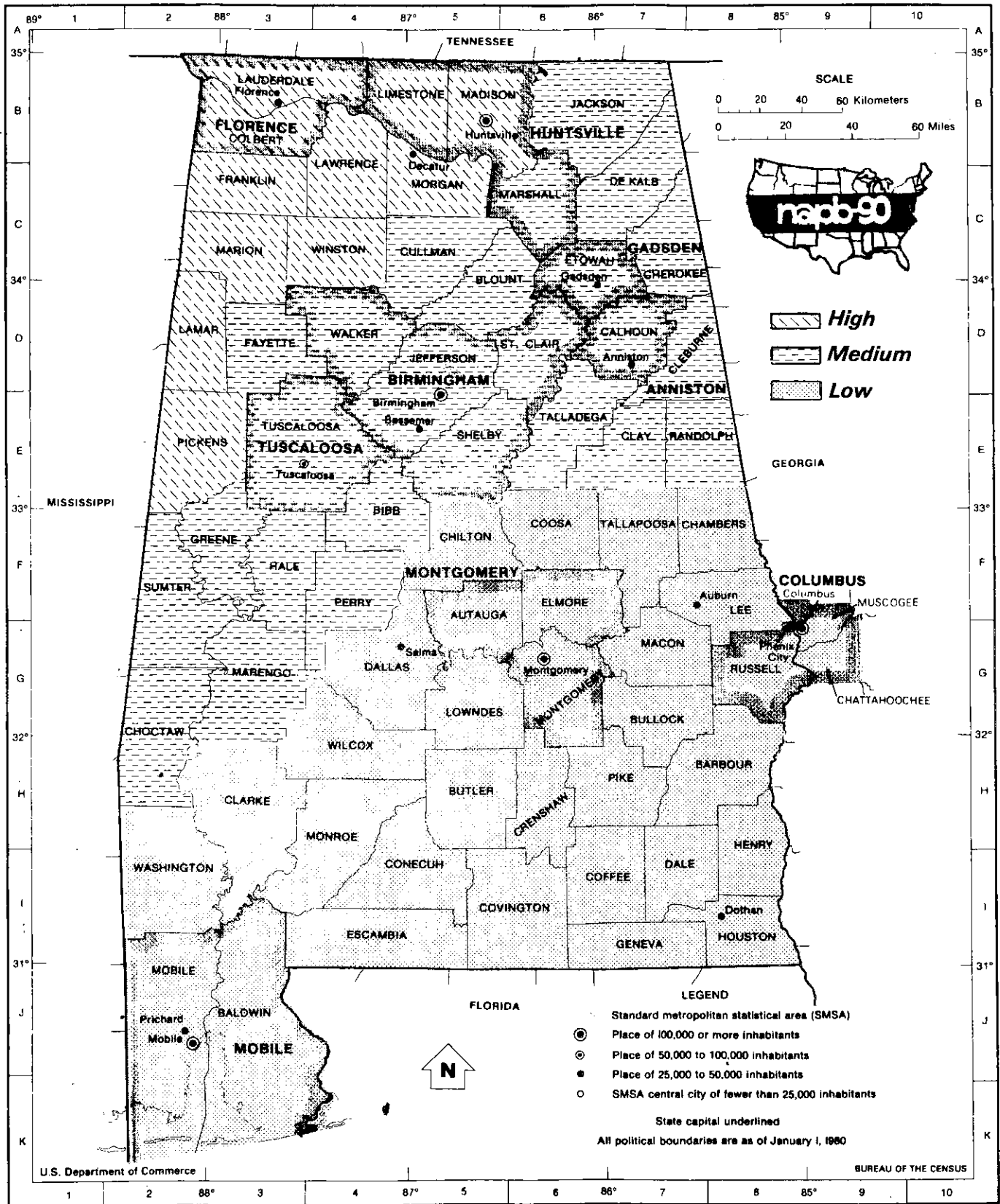
F E M A R E G I O N I V - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 42,442,705
 Land Area: 379,046 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alabama	---	---	643 193	7 378	1 796 772	19 032	1 519 180	24 329
Florida	---	---	4 566 549	9 312	675 092	2 745	6 641 705	51 340
Georgia	---	---	85 180	380	1 859 305	12 047	3 984 738	45 690
Kentucky	---	---	737 264	10 904	2 138 169	18 344	854 713	10 391
Mississippi*	---	---	1 035 736	21 597	1 086 907	19 343	494 490	6 234
North Carolina	---	---	98 361	554	261 391	2 496	5 874 022	45 793
South Carolina	---	---	291 814	938	191 165	1 683	2 860 443	27 586
Tennessee	58 176	995	2 565 689	21 551	864 696	10 207	1 257 955	8 177
TOTAL REGION*	58 176	995	10 023 786	72 614	8 873 497	85 897	23 487 246	219 540

*Interim data; to be corrected

FEMA Region 4 – ALABAMA – Potential Fallout



S T A T E O F A L A B A M A - - F A L L O U T R I S K

Estimated 1985 Population: 3,959,145
 Land Area: 50,739 square miles

COUNTY	VERY HIGH RISK	HIGH RISK	MEDIUM RISK	LOW RISK
	[GT 15000R] POPULATION AREA	[EQ/GT 6000R LT 15000R] POPULATION AREA	[EQ/GT 3000R LT 6000R] POPULATION AREA	[LT 3000R] POPULATION AREA
Autauga	33 760 597
Baldwin	88 981 1 590
Barbour	25 494 884	
Bibb	16 836 625
Blount	37 155 643	
Bullock	10 624 625
Butler	22 263 779
Calhoun	127 200 611	
Chambers	40 557 596
Cherokee	19 540 553	
Chilton	31 425 695
Choctaw	16 995 909	
Clark	28 781 1 203
Clay	13 582 605	
Cleburne	12 925 561	
Coffee	40 578 680
Colbert	53 878 589	.....
Conecuh	15 464 854
Coosa	11 336 657
Covington	37 040 1 038
Crenshaw	13 832 611
Cullman	64 229 738	
Dale	45 314 561
Dallas	55 090 975
De Kalb	55 080 778	

STATE OF ALABAMA (Continued)

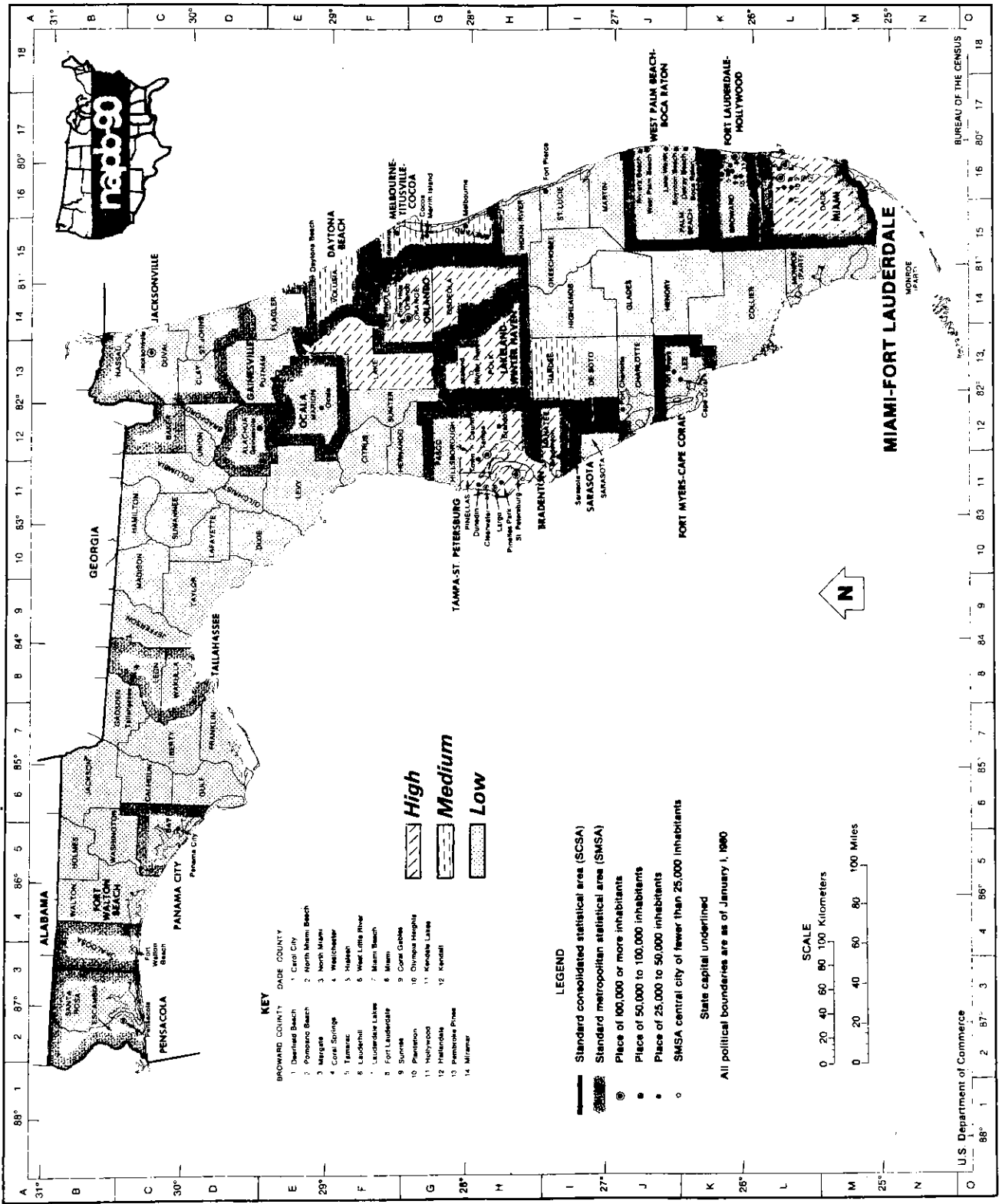
COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Elmore	47 012	622
Escambia	37 656	951
Etowah	103 697	542		
Fayette	19 147	630		
Franklin	28 748	643				
Geneva	23 783	578
Greene	11 243	631		
Hale	15 065	661		
Henry	15 326	557
Houston	79 172	577
Jackson	51 402	1 069		
Jefferson	671 808	1 119		
Lamar	16 420	605				
Lauderdale	81 917	661				
Lawrence	31 671	693				
Lee	79 209	609
Limestone	47 639	559				
Lowndes	13 093	714
Macon	25 901	614
Madison	213 250	806				
Marengo	24 957	982		
Marion	31 414	743				
Marshall	69 502	567		
Mobile	328 158	1 238
Monroe	22 468	1 019

STATE OF ALABAMA (Continued)

COUNTY	VERY HIGH THREAT POPULATION	HIGH THREAT POPULATION	AREA	MEDIUM THREAT POPULATION	AREA	LOW THREAT POPULATION	AREA
Montgomery	206 993	793
Morgan	94 796	575	.....	.....	.....	.....
Perry	15 045	719	.....	.....
Pickens	21 915	890	.....	.....	.....	.....
Pike	28 106	672
Randolph	20 236	585	.....	.....
Russell	48 550	634
St Clair	44 539	646	.....	.....
Shelby	75 418	800	.....	.....
Sumter	17 202	907	.....	.....
Talladega	77 228	753	.....	.....
Tallapoosa	39 107	701
Tuscaloosa	139 201	1 336	.....	.....
Walker	68 882	803	.....	.....
Washington	17 443	1 081
Wilcox	15 322	883
Winston	21 545	614	.....	.....	.....	.....

TOTAL STATE --- --- 643 193 7 378 1 796 772 19 032 1 519 180 24 329

FEMA Region 4 — FLORIDA — Potential Fallout



S T A T E O F F L O R I D A - - F A L L O U T R I S K

Estimated 1985 Population: 11,883,346
 Land Area: 63,397 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alachua	789 260	902
Baker	17 591	585
Bay	111 180	758
Bradford	23 983	293
Brevard	343 585	995
Broward	1 112 075	1 211
Calhoun	9 556	568
Charlotte	79 404	690
Citrus	78 546	629
Clay	84 793	592
Collier	116 981	1 994
Columbia	39 947	797
Dade	1 726 021	1 995
De Soto	21 295	636
Dixie	9 476	701
Duval	623 035	776
Escambia	260 730	661
Flagler	16 816	491
Franklin	8 343	545
Gadsden	43 693	518
Gilchrist	7 267	354
Glades	6 765	763
Gulf	11 349	559
Hamilton	9 342	517
Hardee	20 818	637

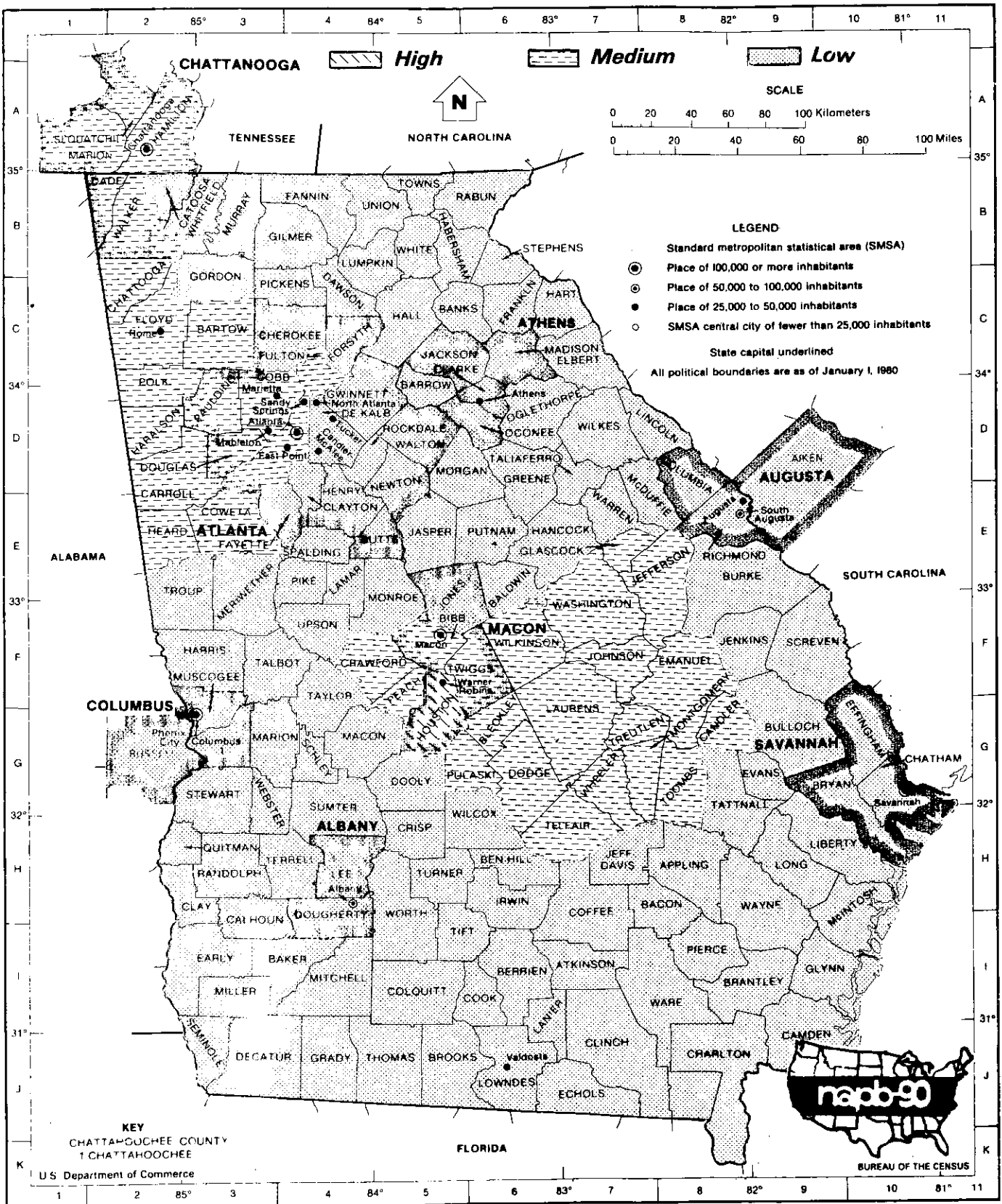
STATE OF FLORIDA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Hendry	22 565	1 163
Hernando	74 901	477
Highlands	58 524	1 029
Hillsborough	743 771	1 053	.....	.....	.....	.....
Holmes	15 934	488
Indian River	77 629	497
Jackson	40 768	942
Jefferson	11 658	609
Lafayette	4 332	545
Lake	127 239	954	.....	.....	.....	.....
Lee	246 738	803
Leon	168 231	676
Levy	24 623	1 100
Liberty	4 576	837
Madison	15 443	710
Manatee	174 772	947	.....	.....	.....	.....
Marion	163 799	1 610
Martin	82 856	555
Monroe	71 003	1 034
Nassau	38 569	649
Okaloosa	131 901	936
Okeechobee	25 812	771
Orange	547 930	910	.....	.....	.....	.....
Osceola	74 576	1 350	.....	.....	721 030	1 993
Palm Beach
Pasco	232 936	738
Pinellas	808 500	280	.....	.....	.....	.....
Polk	363 740	1 823	.....	.....	.....	.....
Putnam	59 098	733
St Johns	67 087	617

STATE OF FLORIDA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
St Lucie	117 109	581
Santa Rosa	65 097	1 024
Sarasota	246 395	573
Seminole	232 587	298
Sumter	29 162	561
Suwannee	25 644	690
Taylor	18 167	1 058
Union	11 562	246
Volusia	310 689	1 113		
Wakulla	12 889	601
Walton	25 509	1 066
Washington	16 144	590
TOTAL STATE	----	----	4 566 549	9 312	675 092	2 745	6 641 705	51 340

FEMA Region 4 — GEORGIA — Potential Fallout



S T A T E O F G E O R G I A - - F A L L O U T R I S K

Estimated 1985 Population: 5,929,233
Land Area: 58,117 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Appling	16 441	510
Atkinson	6 254	344
Bacon	9 572	286
Baker	3 541	347
Baldwin	38 659	258
Banks	9 940	234
Barrow	24 768	163
Bartow	17 067	254
Ben Hill	44 059	456	.....	13 842	456
Berrien
Bibb	158 476	253	.....	.....
Bleckley	10 645	219	.....	.....
Brantley	9 430	444
Brooks	15 299	491
Bryan	12 164	441
Bulloch	37 271	678
Burke	20 728	833
Butts	15 169	187
Calhoun	5 527	284
Camden	17 682	649
Candler
Carroll	7 833	248	.....	.....
Catoosa	63 098	502	.....	.....
Charlton	38 746	163
Chatham	7 741	780
	214 908	444

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION	AREA
Chattahoochee	20 139	250
Chattooga	21 345	65 533	424
Cherokee	76 890	122
Clarke	3 278	197
Clay
Clayton	165 686	148
Clinch	6 863	821
Cobb	368 393	28 818	602
Coffee	36 484	556
Colquitt
Columbia	51 795	290
Cook	13 889	232
Coweta	43 886	.....	444
Crawford	7 087	.....	328
Crisp	20 258	275
Dade	11 389	.....	176
Dawson	5 873	210
Decatur	26 635	586
De Kalb	506 550	270
Dodge	16 747	.....	504
Dooly	10 616	397
Dougherty	103 630	330
Douglas	65 631	.....	203
Early	13 150	516
Echols	2 235	420
Effingham	21 091	482
Elbert	19 042	367
Emanuel	21 366	.....	688
Evans	8 504	186
Fannin	15 266	384

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION
Fayette	42 806
Floyd	78 516	199
Forsyth	34 431
Franklin	15 569
Fulton	621 030	226
			534	264
Gilmer	11 822
Glascocock	2 331
Glynn	60 350
Gordon	32 616
Grady	21 318
Greene	11 978
Gwinnett	246 112
Habersham	27 014
Hall	83 207
Hancock	9 302
Haralson	19 589	16 380
Harris	19 220
Hart	230
Heard	6 750	43 673
Henry	321
Houston	85 180	380	8 813
Irwin	27 158
Jackson	7 744
Jasper	11 846
Jeff Davis	335
Jefferson	18 725	529
Jenkins	8 421
Johnson	9 602	18 579
Jones	12 294
Lamar	186
Lanier	5 644
				353
				394
				186
				194

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Laurens	38 253	816	14 081	358
Lee	41 837	517
Liberty	6 892	196
Lincoln	5 675	402
Long
Lowndes	72 742	507
Lumpkin	12 036	287
McDuffie	19 633	256
McIntosh	8 025	425
Macon	14 188	404
Madison	19 508	285
Marion	5 384	366
Meriwether	20 661	506
Miller	6 795	284
Mitchell	21 841	512
Monroe	14 949	397
Montgomery	6 934	244	12 230	349
Morgan	21 438	345
Murray	177 080	218
Muscogee
Newton	38 957	277
Oconee	14 648	186
Oglethorpe	9 543	442
Paulding	29 957	312	.....	.....
peach	19 200	151	.....	.....
Pickens	13 303	232
Pierce	12 730	344
Pike	8 631	219
Polk	33 165	312	.....	.....
Pulaski	8 959	249	.....	.....

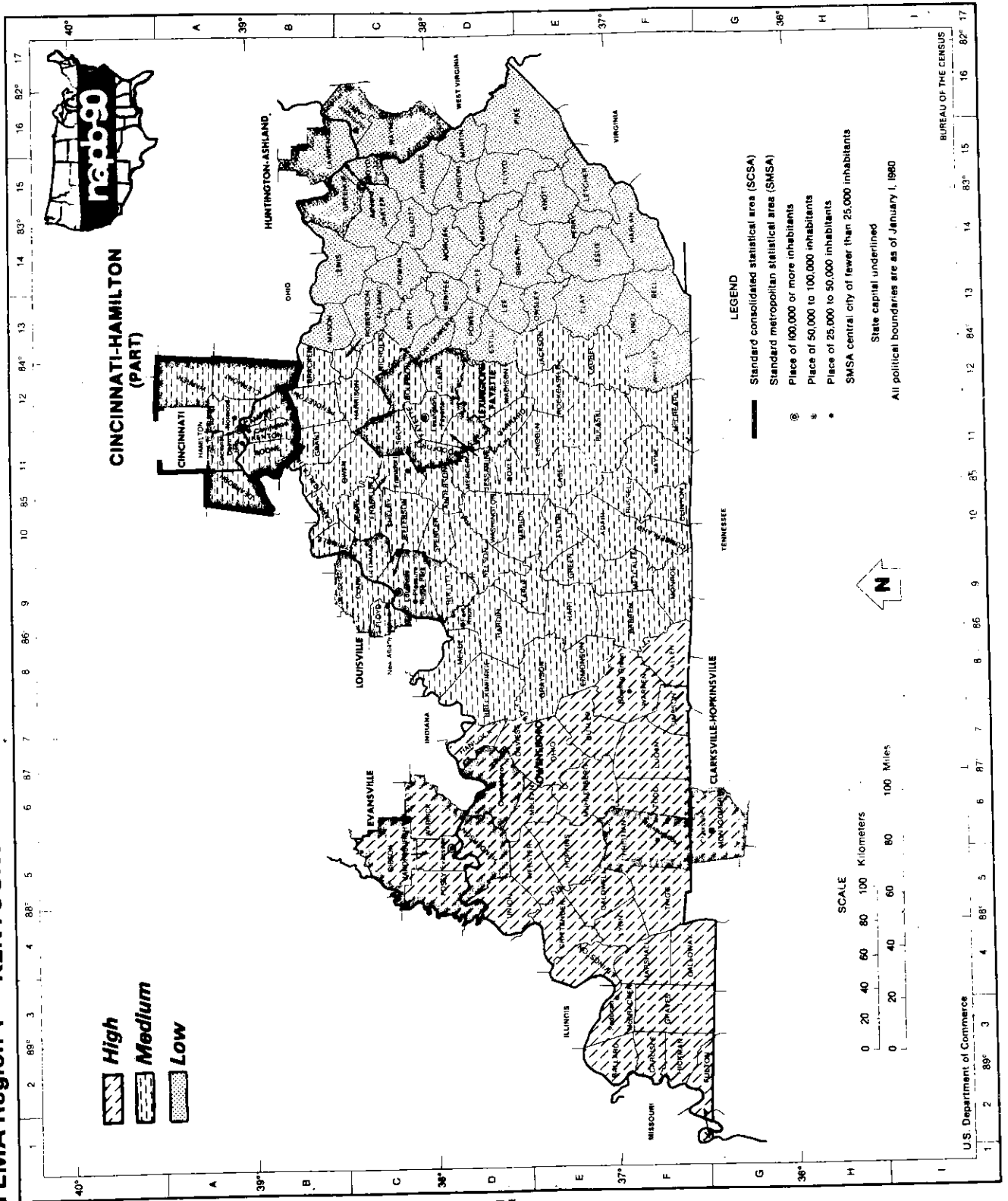
STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Putnam	11 700	344
Quitman	2 156	146
Rabun	10 840	370
Randolph	9 381	481
Richmond	189 036	326
Rockdale	44 501	132
Schley	3 354	169
Screven	14 396	655
Seminole	8 775	225
Spalding	51 453	199
Stephens	22 239	177
Stewart	5 862	452
Sumter	30 374	488
Talbot	6 496	395
Taliaferro	1 986	196
Tattnall	17 783	484
Taylor	8 082	382
Telfair	11 042	444
Terrell	11 943	337
Thomas	38 187	551
Tift	33 722	268
Toombs	23 633	371
Towns	6 279	165
Treutlen	5 997	202
Troup	53 248	415
Turner	9 643	289
Twiggs	9 744	362
Union	10 583	320
Upson	26 591	326
Walker	55 155	446

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Walton	32 390	330
Ware	37 123	907
Warren	6 439	286
Washington	19 307	683	.....	.....
Wayne	22 128	647
Webster	2 077	210
Wheeler	5 056	299	.....	.....
White	11 205	242
Whitfield	68 141	291
Wilcox	7 559	382
Wilkes	11 356	470
Wilkinson	10 778	458	.....	.....
Worth	18 259	575
TOTAL STATE	---	---	85 180	380	1 859 305	12 047	3 984 738	45 690

FEMA Region 4 — KENTUCKY — Potential Fallout



S T A T E O F K E N T U C K Y - - F A L L O U T R I S K

Estimated 1985 Population: 3,730,146
Land Area: 39,639 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	15 857	407		
Allen	14 370	338				
Anderson	13 522	204		
Ballard	8 186	254				
Barren	34 692	482		
Bath			10 263	278
Bell			34 201	361
Boone	51 553	246		
Bourbon	19 147	292		
Boyd			54 575	161
Boyle	25 106	182		
Bracken	7 555	203		
Breathitt			16 453	495
Breckinridge	16 566	565		
Bullitt	45 100	300		
Butler	11 958	431				
Caldwell	13 265	347				
Calloway	30 551	386				
Campbell	80 896	152		
Carlisle	5 262	191				
Carroll	9 850	130		
Carter			25 814	407
Casey	15 293	445		
Christian	64 360	722				
Clark	29 442	255		

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Clay	23 867	471
Clinton	9 984	196		
Crittenden	8 896	360				
Cumberland	7 334	304		
Daviess	88 834	463				
Edmonson	11 567	302		
Elliot	6 923	234		
Estill	15 107	256		
Fayette	211 628	285		
Fleming	12 524	351
Floyd	51 295	393
Franklin	44 192	212		
Fulton	8 234	211				
Gallatin	4 962	99		
Garrard	11 397	232		
Grant	14 477	259		
Graves	37 712	557				
Grayson	22 631	493		
Green	10 950	289		
Greenup	38 515	347
Hancock	8 242	189				
Hardin	90 545	629		
Harlan	42 139	468
Harrison	15 678	310		
Hart	17 009	412		
Henderson	42 474	438				
Henry	13 467	291		
Hickman	5 618	245				
Hopkins	46 424	552				
Jackson	12 586	346		

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION
	AREA	AREA	AREA	AREA
Jefferson	682 179	386
Jessamine	28 497	175
Johnson	25 895
Kenton	136 391
Knott	18 395	352
Knox	30 205
Larue	12 018	263
Laurel	42 251	434
Lawrence	15 007
Lee	7 781
Leslie	15 407
Letcher	30 977
Lewis	14 458
Lincoln	19 180	332
Livingston	9 131	312	
Logan	26 045	556	
Lyon	6 425	209	
McCracken	61 367	251	
McCreary	16 306	427
McLean	9 948	256	
Madison	55 644	443
Magoffin	14 251
Marion	17 699	347
Marshall	25 976	304	
Martin	1 063
Mason	17 091
Meade	22 789	307
Menifee	5 353
Mercer	19 405	250
Metcalfe	10 359	291

STATE OF KENTUCKY (Continued)

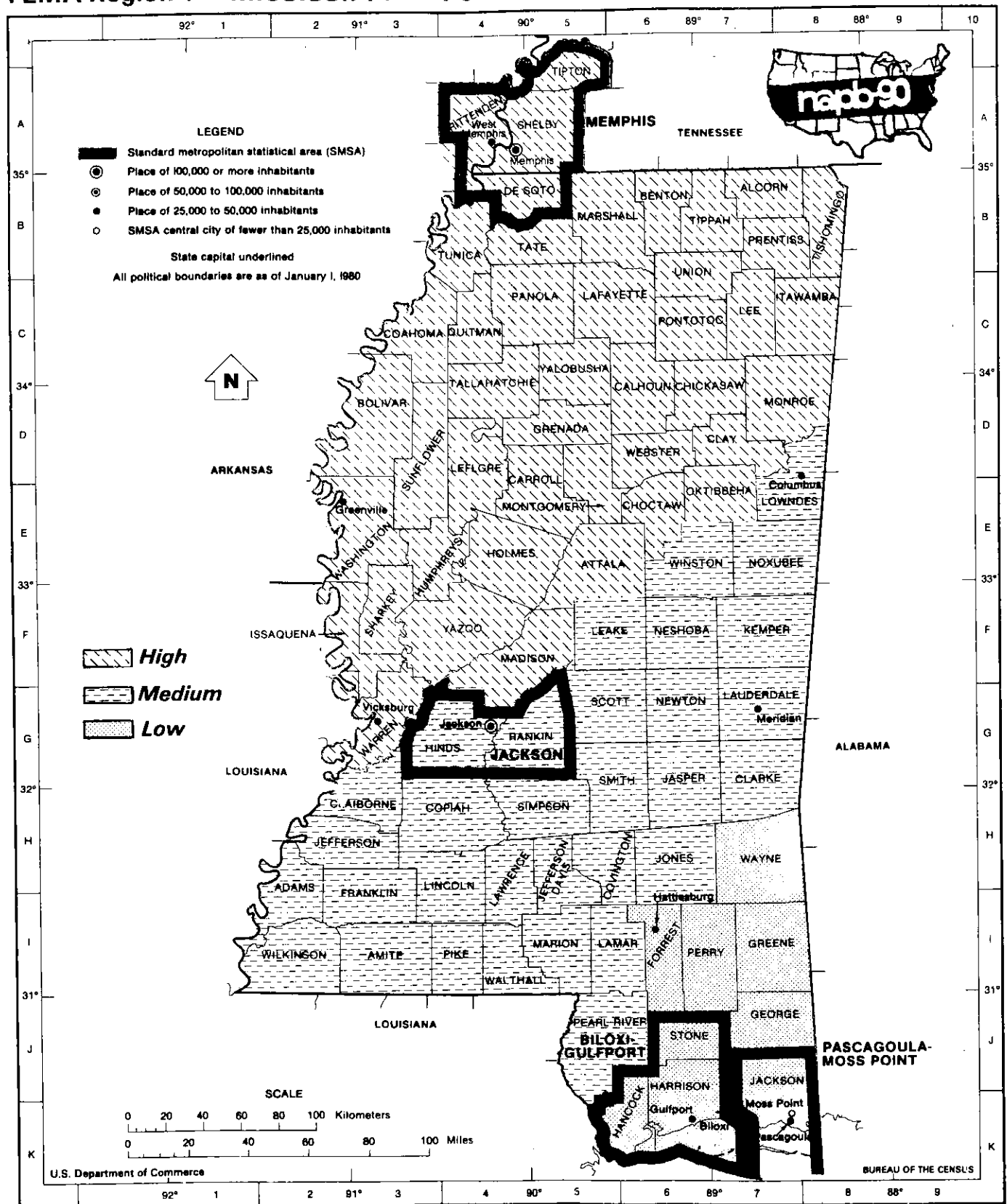
COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Monroe	331	12 618	331	20 410	199
Montgomery	12 122	382
Morgan
Muhlenberg	31 696	478	.....	.....	.....	.....	.....
Nelson	424	28 923	424	.....	.....
Nicholas	197	7 330	197	.....	.....
Ohio	21 875	596	.....	.....	.....	.....	.....
Oldham	190	30 519	190	.....	.....
Owen	354	9 217	354	.....	.....
Owsley	5 641	198
Pendleton	281	10 767	281	.....	.....
Perry	35 419	341
Pike	83 875	785
Powell	11 907	180
Pulaski	660	49 129	660	.....	.....
Robertson	100	2 383	100	.....	.....
Rockcastle	318	14 664	318	.....	.....
Rowan	19 043	282
Russell	250	15 141	250	.....	.....
Scott	286	21 971	286	.....	.....
Shelby	385	24 243	385	.....	.....
Simpson	14 936	236	.....	.....	.....	.....	.....
Spencer	192	6 148	192	.....	.....
Taylor	270	22 162	270	.....	.....
Todd	10 649	377	.....	.....	.....	.....	.....
Trigg	9 386	421	.....	.....	.....	.....	.....
Trimble	148	6 321	148	.....	.....
Union	17 807	341	.....	.....	.....	.....	.....
Warren	82 907	547	.....	.....	.....	.....	.....
Washington	301	10 291	301	.....	.....

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH THREAT POPULATION	HIGH THREAT POPULATION	HIGH THREAT AREA	MEDIUM THREAT POPULATION	MEDIUM THREAT AREA	LOW THREAT POPULATION	LOW THREAT AREA
Wayne	17 759	446		
Webster	14 730	336				
Whitley	35 619	443
Wolfe	7 152	223
Woodford	18 845	192		

TOTAL STATE	---	737 264	10 904	2 138 169	18 344	854 713	10 391
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FEMA Region 4 — MISSISSIPPI — Potential Fallout



S T A T E O F M I S S I S S I P P I - - F A L L O U T R I S K

Estimated 1985 Population: 2,617,133
Land Area: 47,174 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	39 119	456		
Alcorn	32 183	401				
Amite	13 288	732		
Attala	18 901	737				
Benton	8 126	407				
Bolivar	45 246	892				
Calhoun	15 196	573				
Carroll	9 173	634				
Chickasaw	17 923	503				
Choctaw	8 542	420				
Claiborne	12 621	494		
Clarke	16 823	692		
Clay	22 053	415				
Coahoma	35 424	559				
Copiah	25 744	779		
Covington	15 888	416		
De Soto	58 091	483				
Forrest	70 812	469
Franklin	8 373	566		
George	16 044	483
Greene	9 382	718
Grenada	21 543	421				
Hancock	29 671	478
Harrison	171 484	581
Hinds	261 467	875		

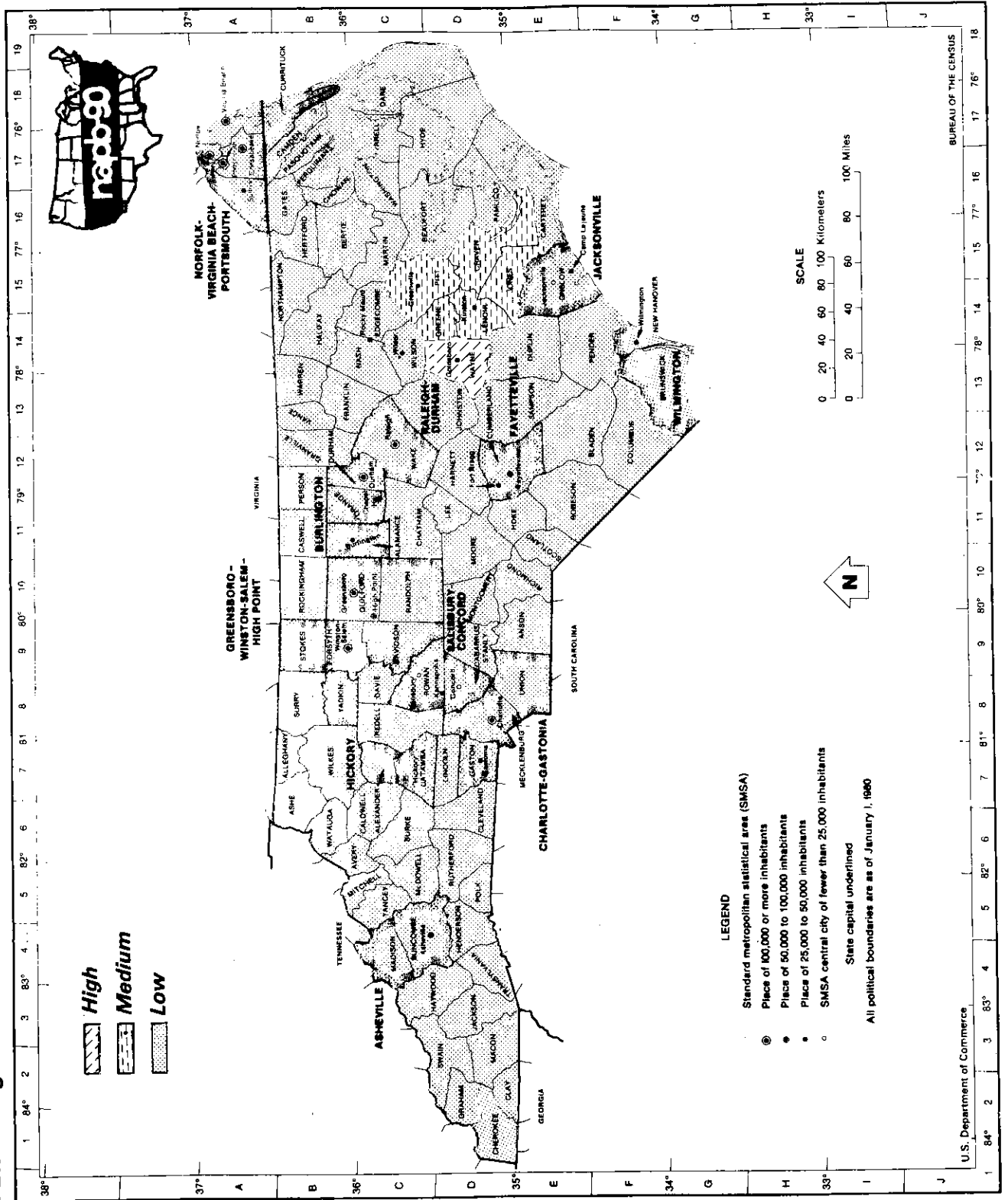
STATE OF MISSISSIPPI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Holmes	23 784	759	.....	.....	13 934	430
Humphreys
Issaquena	2 147	406	.....	.....	.....	.....
Itawamba	20 299	541	.....	.....	.....	.....
Jackson	124 917	731
Jasper	17 173	678	.....	.....
Jefferson	9 793	523	.....	.....
Jefferson Davis	14 104	409	.....	.....
Jones	64 507	695	.....	.....
Kemper	10 373	766	.....	.....
LaFayette	32 522	609	26 768	499	.....	.....
Lamar	80 005	705	.....	.....
Lauderdale	13 144	435	.....	.....
Lawrence	18 683	584	.....	.....
Leake
Lee	61 285	451	.....	.....	.....	.....
LeFlore	42 369	605	.....	.....	.....	.....
Lincoln	31 099	586	.....	.....
Lowndes	61 314	517	.....	.....
Madison	45 724	717	.....	.....	.....	.....
Marion	27 571	548	.....	.....
Marshall	32 405	709	.....	.....	.....	.....
Monroe	36 628	772	.....	.....	.....	.....
Montgomery	12 660	408	24 674	571	.....	.....
Neshoba
Newton	20 288	580	.....	.....
Noxubee	12 537	698	.....	.....
Oktibbeha	38 129	459	.....	.....	.....	.....
Panola	29 785	695	.....	.....	.....	.....
Pearl River	38 167	819	.....	.....

STATE OF MISSISSIPPI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Perry	10 646	651
Pike	36 699	410		
Pontotoc	21 744	499				
Prentiss	24 682	417				
Quitman	11 334	406				
Rankin	80 192	782		
Scott	25 256	610		
Sharkey	8 076	435				
Simpson	24 762	591		
Smith	14 554	635		
Stone	10 110	446
Sunflower	37 634	707				
Tallahatchie	16 124	651				
Tate	21 311	406				
Tippah	18 985	458				
Tishomingo	17 338	434
Tunica	9 299	460				
Union	21 595	417				
Walthall	12 870	404		
Warren	51 872	597				
Washington	72 533	733				
Wayne	20 152	813
Webster	10 196	424				
Wilkinson	10 484	678		
Winston	18 567	610		
Yalobusha	13 387	478				
Yazoo	26 826	933				
TOTAL STATE	---	---	1 035 736	21 597	1 086 907	19 343	494 490	6 234

FEMA Region 4 — NORTH CAROLINA — Potential Fallout



S T A T E O F N O R T H C A R O L I N A - - F A L L O U T R I S K

Estimated 1985 Population: 6,233,774
 Land Area: 48,843 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alamance	102 865	433
Alexander	26 671	259
Alleghany	9 941	234
Anson	26 266	533
Ashe	23 263	426
Avery	15 040	247
Beaufort	43 217	826
Bertie	21 491	701
Bladen	30 794	879
Brunswick	45 643	861
Buncombe	166 717	659
Burke	75 193	505
Cabarrus	93 522	364
Caldwell	68 745	471
Camden	5 866	241
Carteret	48 181	525
Caswell	22 441	427
Catawba	112 583	396
Chatham	35 680	708
Cherokee	20 231	452
Chowan	12 995	181
Clay	7 093	214
Cleveland	84 762	468
Columbus	51 937	939
Craven	77 821	702

STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Cumberland	252 353	657
Currituck	13 318	256
Dare	17 107	391
Davidson	118 693	548
Davie	27 416	267
Duplin	41 650	819
Durham	160 837	298
Edgecombe	58 790	506
Forsyth	258 622	412
Franklin	32 305	494
Gaston	170 614	357
Gates	9 357	338
Graham	7 104	289
Granville	36 884	534
Greene	16 464	266
Guilford	327 323	651
Halifax	56 258	724
Harnett	62 366	601
Haywood	47 835	555
Henderson	66 501	375
Hertford	24 076	356
Hoke	22 566	391
Hyde	5 925	624
Iredell	87 260	574
Jackson	27 318	490
Johnston	76 426	795
Jones	9 806	470
Lee	40 039	259
Lenoir	61 276	402
Lincoln	45 086	298

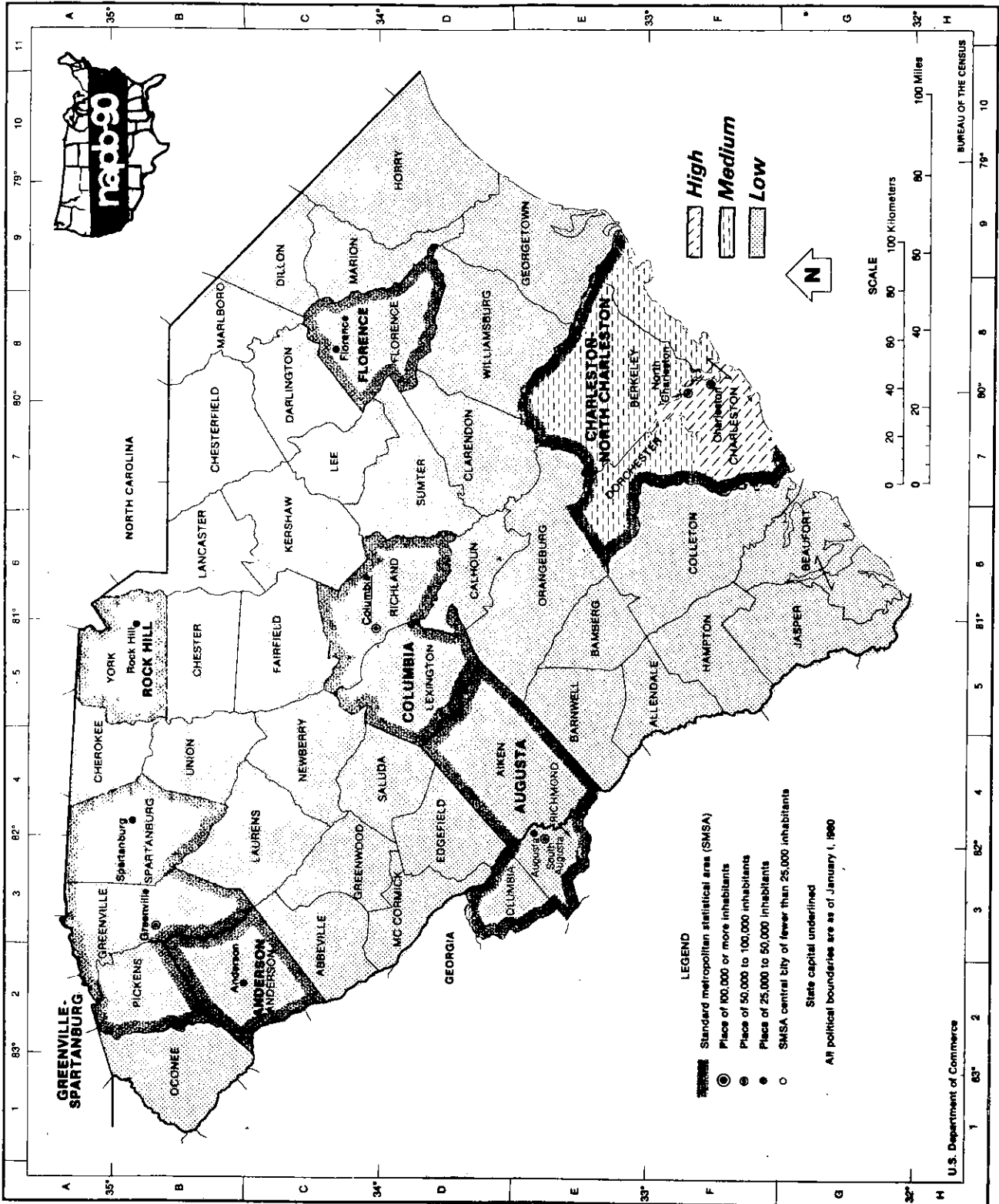
STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
McDowell	36 454	437
Macon	23 466	517
Madison	17 250	451
Martin	27 437	461
Mecklenburg	439 986	528
Mitchell	14 258	222
Montgomery	23 665	490
Moore	55 254	701
Nash	70 931	540
New Hanover	112 147	185
Northampton	22 485	538
Onslow	120 039	763
Orange	81 875	400
Pamlico	10 925	341
Pasquotank	29 502	228
Pender	24 268	875
Perquimans	9 913	246
Person	30 316	398
Pitt	96 024	656
Polk	14 758	238
Randolph	97 642	789
Richmond	45 644	477
Robeson	106 472	949
Rockingham	85 801	569
Rowan	102 667	519
Rutherford	56 501	568
Sampson	50 707	947
Scotland	34 149	319
Stanly	50 203	396
Stokes	35 319	452

STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Surry	60 500	539
Swain	10 818	526
Transylvania	25 249	378
Tyrrell	4 130	407
Union	77 802	639
Vance	38 320	249
Wake	346 147	854
Warren	16 236	427
Washington	14 473	332
Watauga	34 273	314
Wayne	98 361	554	.....	.....	60 948	752
Wilkes	64 997	374
Wilson	29 498	336
Yadkin	15 431	314
Yancey
TOTAL STATE	----	----	98 361	554	261 391	2 496	5 874 022	45 793

FEMA Region 4 — SOUTH CAROLINA — Potential Fallout



STATE OF SOUTH CAROLINA - - FALLOUT RISK

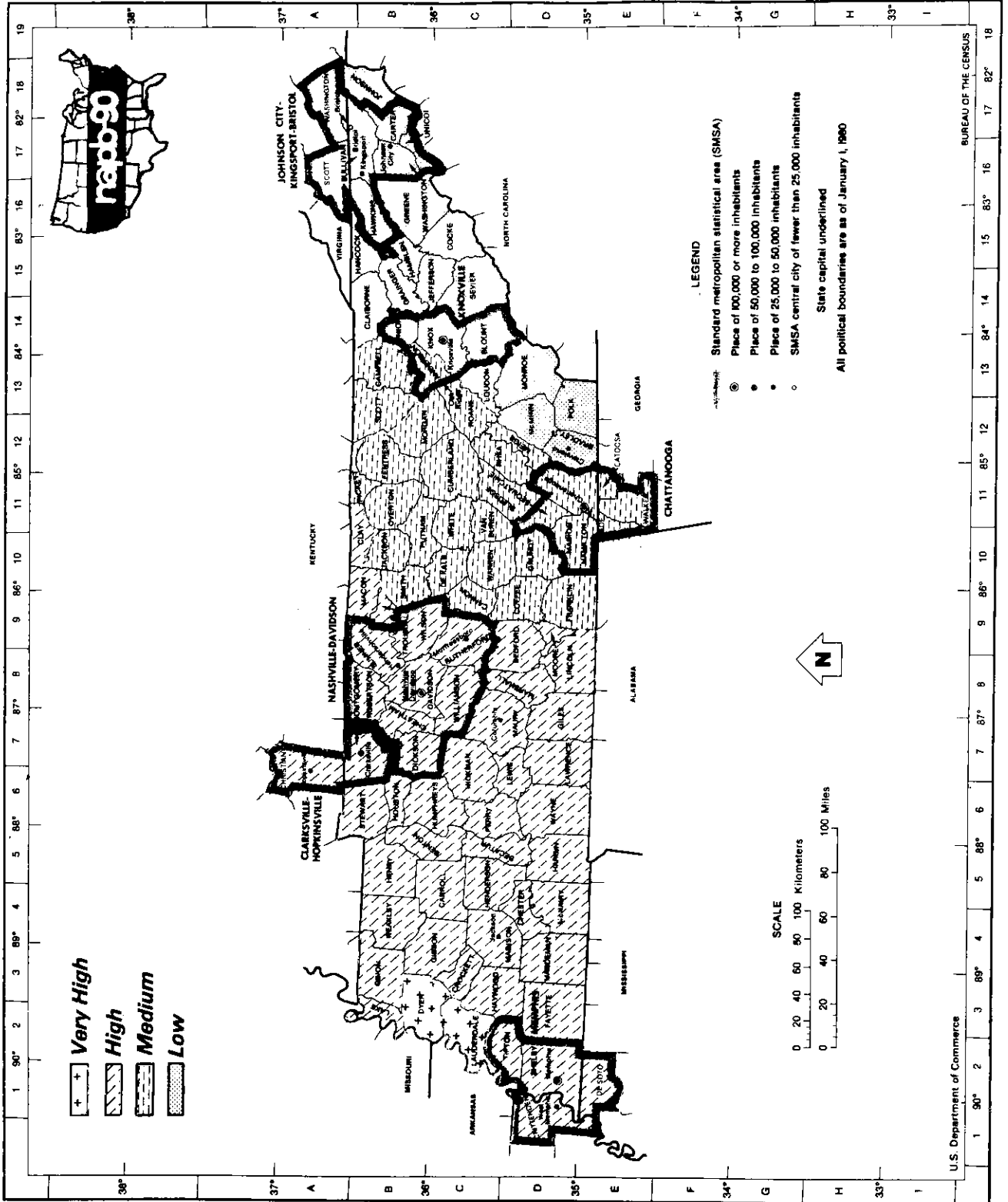
Estimated 1985 Population: 3,343,422
 Land Area: 30,207 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Abbeville	22 919	508
Aiken	113 409	1 092
Allendale	10 904	413
Anderson	139 797	718
Bamberg	18 097	395
Barnwell	20 308	558
Beaufort	81 853	579
Berkeley	117 319	1 108	.....	.....
Calhoun	11 431	380
Charleston	291 814	938	.....	.....	.....	.....
Cherokee	41 186	396
Chester	30 992	580
Chesterfield	38 454	802
Clarendon	28 112	602
Colleton	33 866	1 052
Darlington	64 933	563
Dillon	32 316	406
Dorchester	73 846	575	.....	.....
Edgefield	17 809	490
Fairfield	20 805	685
Florence	114 936	804
Georgetown	47 533	822
Greenville	303 866	795
Greenwood	60 352	451
Hampton	18 899	561

STATE OF SOUTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Horry	126 279	1 143
Jasper	14 369	655
Kershaw	42 124	723
Lancaster	55 843	552
Laurens	53 481	712
Lee	18 510	411
Lexington	156 949	707
McCormick	7 183	350
Marion	34 924	493
Marlboro	32 459	483
Newberry	32 044	634
Oconee	51 780	629
Orangeburg	86 706	1 112
Pickens	85 403	499
Richland	282 019	762
Saluda	17 017	456
Spartanburg	209 163	814
Sumter	94 839	665
Union	30 826	515
Williamsburg	39 284	934
York	116 464	685
TOTAL STATE	----	----	291 814	938	191 165	1 683	2 860 443	27 586.

FEMA Region 4 — TENNESSEE — Potential Fallout



S T A T E O F T E N N E S S E E - - F A L L O U T R I S K

Estimated 1985 Population: 4,746,516
 Land Area: 40,930 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Anderson	69 607	339	.....	.....
Bedford	28 701	475	.....	.....	.....	.....
Benton	15 088	392	.....	.....	.....	.....
Bledsoe	9 278	407	.....	.....
Blount	81 926	558
Bradley	70 601	327
Campbell	35 490	479	.....	.....
Cannon	10 725	266	.....	.....
Carroll	28 302	600	.....	.....	.....	.....
Carter	51 658	341
Cheatham	23 557	303	.....	.....	.....	.....
Chester	12 837	289	.....	.....	.....	.....
Clairborne
Clay	8 061	227	.....	.....	26 644	432
Cocke	29 318	432
Coffee	40 569	429	.....	.....
Crockett	13 895	266	.....	.....	.....	.....
Cumberland	31 190	682	.....	.....
Davidson	487 241	501	.....	.....	.....	.....
Decatur	10 958	330	.....	.....	.....	.....
DeKalb	13 881	291	.....	.....
Dickson	31 624	491	.....	.....	.....	.....
Dyer	33 920	520	.....	.....	.....	.....	.....	.....
Fayette	24 623	705	.....	.....	.....	.....
Fentress	15 603	498	.....	.....

STATE OF TENNESSEE (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Franklin	33 382	543		
Gibson	48 338	602				
Giles	24 789	610			17 155	273
Grainger	56 054	619
Greene		
Grund	14 085	361		
Hamblen	59 098	156
Hamilton	282 988	539		
Hancock	6 751	
Hardeman	23 322	670				
Hardin	22 314	578				
Hawkins	45 137	486
Haywood	20 547	534				
Henderson	21 854	520				
Henry	29 023	560				
Hickman	15 927	610				
Houston	7 011	200				
Humphreys	15 702	527				
Jackson	9 146	308	35 027	266
Jefferson		
Johnson	14 302	297
Knox	331 840	506
Lake	8 310	168				
Lauderdale	24 256	475						
Lawrence	34 625	617				
Lewis	10 580	282				
Lincoln	26 229	571				
Loudon	30 719	235
McMinn	43 710	429
McNairy	23 337	562				

STATE OF TENNESSEE (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION
Macon	15 667	307	
Madison	76 858	558	
Marion		24 502	512
Marshall	20 095	376	
Maury	51 863	616	
Meigs		7 787	189
Monroe	30 048
Montgomery	88 788	539	648
Moore	4 907	129	
Morgan		17 290	523
Obion	32 980	550	
Overton		18 095	433
Perry	6 427	412	
Pickett		4 510	159
Polk	13 605
Putnam		50 464	399
Rhea		24 819	309
Roane		49 436	357
Robertson	38 717	476	
Rutherford	97 308	605	
Scott		20 635	528
Sequatchie		8 618	266
Sevier	
Shelby	796 450	772	47 229
Smith		14 564	313
Stewart	9 154	454	
Sullivan	145 705
Sumner	92 025	529	415
Tipton	35 021	454	
Trousdale	5 488	114	

STATE OF TENNESSEE (Continued)

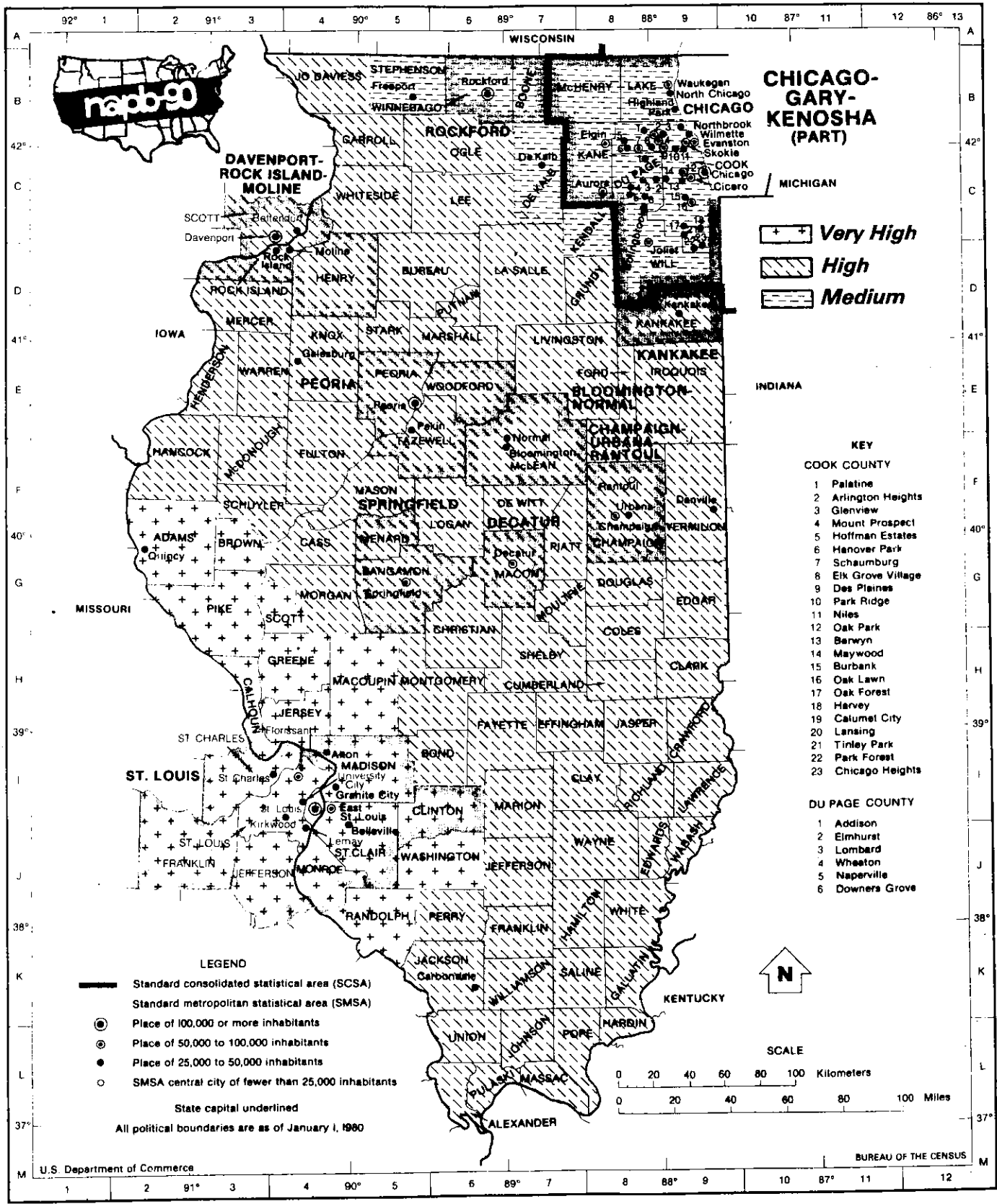
COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Unicoi		16 911	186
Union		12 358	218
Van Buren		4 782	273		
Warren		33 436	431		
Washington		92 699	326
Wayne		14 115	734	.....		
Weakley		33 395	581	.....		
White		19 814	373		
Williamson		68 284	584	.....		
Wilson		61 352	571	.....		
TOTAL STATE	58 176	995	2 565 689	21 551	864 696	10 207	1 257 955	8 177

F E M A R E G I O N V - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 45,687,087
 Land Area: 323,545 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Illinois	812 787	7 676	3 000 057	41 187	7 744 412	6 723	---	---
Indiana	---	---	1 873 950	18 787	3 625 686	17 176	---	---
Michigan	---	---	128 678	5 140	8 902 100	51 879	---	---
Minnesota	489 329	32 604	3 691 902	46 943	---	---	---	---
Ohio	---	---	---	---	3 714 442	13 639	6 924 191	27 367
Wisconsin	---	---	253 343	7 882	4 526 210	46 542	---	---
TOTAL REGION V	1 302 116	40 280	8 947 930	119 939	28 512 850	135 959	6 924 191	27 367

FEMA Region 5 — ILLINOIS — Potential Fallout



CHICAGO-GARY-KENOSHA (PART)

Very High
High
Medium

KEY

- COOK COUNTY**
- Palatine
 - Arlington Heights
 - Glenview
 - Mount Prospect
 - Hoffman Estates
 - Hanover Park
 - Schaumburg
 - Elk Grove Village
 - Des Plaines
 - Park Ridge
 - Niles
 - Oak Park
 - Barwyn
 - Maywood
 - Burbank
 - Oak Lawn
 - Oak Forest
 - Harvey
 - Calumet City
 - Lansing
 - Tinley Park
 - Park Forest
 - Chicago Heights

- DU PAGE COUNTY**
- Addison
 - Elmhurst
 - Lombard
 - Wheaton
 - Naperville
 - Downers Grove

LEGEND

- Standard consolidated statistical area (SCSA)
- Standard metropolitan statistical area (SMSA)
- Place of 100,000 or more inhabitants
- Place of 50,000 to 100,000 inhabitants
- Place of 25,000 to 50,000 inhabitants
- SMSA central city of fewer than 25,000 inhabitants

State capital underlined
 All political boundaries are as of January 1, 1980

SCALE

0 20 40 60 80 100 Kilometers

0 20 40 60 80 100 Miles

S T A T E O F I L L I N O I S - - F A L L O U T R I S K

Estimated 1985 Population: 11,557,256
Land Area: 55,586 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Adams	70 543	852						
Alexander		11 799	236				
Bond		16 041	377				
Boone							
Brown	5 480	306			28 123	282		
Bureau		37 832	869				
Calhoun	5 833	250						
Carroll		17 942	444				
Cass		14 387	374				
Champaign		170 697	998				
Christian		36 273	710				
Clark		16 728	505				
Clay		15 596	469				
Clinton	33 632	472						
Coles		52 388	509				
Cook				5 274 484	958		
Crawford		20 950	446				
Cumberland		10 918	346				
DeKalb				73 019	634		
DeWitt		17 938	397				
Douglas		19 563	417				
Du Page				711 968	337		
Edgar		21 269	623				
Edwards		8 235	223				
Effingham		31 633	478				

STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Fayette	22 339	709	.....	.....	.....	.....
Ford	14 938	486	.....	.....	.....	.....
Franklin	43 111	414	.....	.....	.....	.....
Fulton	40 582	871	.....	.....	.....	.....
Gallatin	7 644	325	.....	.....	.....	.....
Green	15 939	543	.....	.....	.....	.....	.....	.....
Grundy	31 503	423	.....	.....	.....	.....
Hamilton	9 224	436	.....	.....	.....	.....
Hancock	23 650	795	.....	.....	.....	.....
Hardin	5 474	181	.....	.....	.....	.....
Henderson	9 159	373	.....	.....	.....	.....
Henry	53 526	824	.....	.....	.....	.....
Iriquois	32 535	1 118	.....	.....	.....	.....
Jackson	61 293	590	.....	.....	.....	.....
Jasper	11 497	496	.....	.....	.....	.....
Jefferson	38 604	570	.....	.....	.....	.....
Jersey	20 256	373	.....	.....	.....	.....	.....	.....
Jo Daviess	23 263	603	.....	.....	.....	.....
Johnson	10 149	346	.....	.....	.....	.....
Kane	298 217	524	.....	.....
Kankakee	99 413	678	.....	.....	.....	.....
Kendall	36 647	322	.....	.....
Knox	57 954	720	.....	.....	.....	.....
Lake	465 841	454	.....	.....
La Salle	108 455	1 139	.....	.....	.....	.....
Lawrence	18 424	374	.....	.....	.....	.....
Lee	33 826	725	.....	.....	.....	.....
Livingston	40 686	1 046	.....	.....	.....	.....
Logan	30 475	619	.....	.....	.....	.....
McDonough	36 265	590	.....	.....	.....	.....

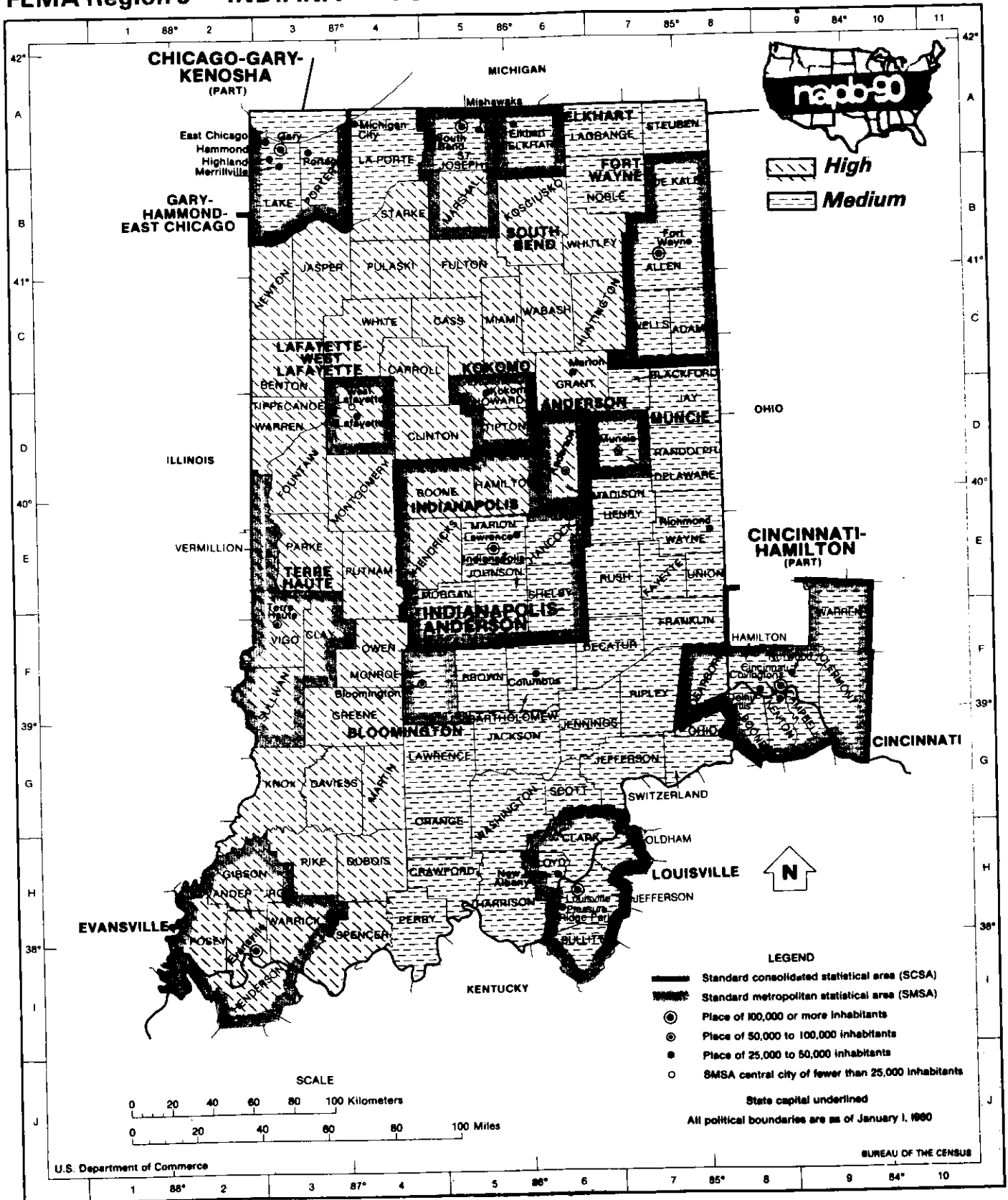
STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
McHenry
McLean	152 292	1 185	158 605	607	.....	.....
Macon	127 873	581	.....	.....	.....	.....
Macoupin	49 374	865	.....	.....	.....	.....	.....	.....
Madison	247 422	728	.....	.....	.....	.....	.....	.....
Marion	44 925	573	.....	.....	.....	.....
Marshall	13 787	388	.....	.....	.....	.....
Mason	17 943	536	.....	.....	.....	.....
Massac	14 850	241	.....	.....	.....	.....
Menard	11 674	315	.....	.....	.....	.....
Mercer	19 385	559	.....	.....	.....	.....
Monroe	21 041	388	.....	.....	.....	.....	.....	.....
Montgomery	32 096	705	.....	.....	.....	.....
Morgan	37 146	568	.....	.....	.....	.....
Moultrie	14 598	325	.....	.....	.....	.....
Ogle	45 687	759	.....	.....	.....	.....
Peoria	191 238	620	.....	.....	.....	.....
Perry	22 442	442	.....	.....	.....	.....
Piatt	16 400	439	.....	.....	.....	.....
Pike	18 603	830	.....	.....	.....	.....	.....	.....
Pope	4 345	374	.....	.....	.....	.....
Pulaski	8 556	203	.....	.....	.....	.....
Putnam	6 199	160	.....	.....	.....	.....
Randolph	35 699	583	.....	.....	.....	.....	.....	.....
Richland	18 653	360	.....	.....	.....	.....
Rock Island	164 903	423	.....	.....	.....	.....
St Clair	267 819	672	.....	.....	.....	.....	.....	.....
Saline	28 808	385	.....	.....	.....	.....
Sangamon	179 013	806	.....	.....	.....	.....
Schuyler	8 028	436	.....	.....	.....	.....

STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Scott	5 978	251						
Shelby	23 698	747				
Stark	6 878	288				
Stephenson	49 795	564		
Tazewell	128 870	650				
Union	18 287	414				
Vermilion	92 625	900				
Wabash	14 342	224				
Warren	21 014	543				
Washington	15 168	563						
Wayne	18 799	715				
White	18 279	497				
Whiteside	63 783	682		
Will	334 477	844		
Williamson	59 035	427				
Winnebago	249 453	515		
Woodford	33 211	527				
TOTAL STATE	812 787	7 676	3 000 057	41 189	7 744 412	6 723	----	----

FEMA Region 5 — INDIANA — Potential Fallout



High
 Medium

LEGEND

- Standard consolidated statistical area (SCSA)
- Standard metropolitan statistical area (SMSA)
- Place of 100,000 or more inhabitants
- Place of 50,000 to 100,000 inhabitants
- Place of 25,000 to 50,000 inhabitants
- SMSA central city of fewer than 25,000 inhabitants

State capital underlined

All political boundaries are as of January 1, 1980

S T A T E O F I N D I A N A - - F A L L O U T R I S K

Estimated 1985 Population: 5,499,636
Land Area: 35,963 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	29 889	340	.....	.....
Allen	287 909	659	.....	.....
Bartholomew	64 218	409	.....	.....
Benton	10 004	407	.....	.....	.....	.....
Blackford	15 552	166	.....	.....
Boone	39 948	424	.....	.....	.....	.....
Brown	12 489	312	.....	.....
Carroll	19 420	372	.....	.....	.....	.....
Cass	39 602	414	.....	.....	.....	.....
Clark	89 700	376	.....	.....
Clay	24 189	360	.....	.....	.....	.....
Clinton	31 984	405	.....	.....	.....	.....
Crawford	9 847	307	.....	.....
Daviess	29 889	432	.....	.....	.....	.....
Dearborn	37 278	307	.....	.....
Decatur	24 060	373	.....	.....
De Kalb	32 482	364	.....	.....
Delaware	122 300	392	.....	.....
Dubois	35 783	429	.....	.....	.....	.....
Elkhart	143 394	466	.....	.....
Fayette	27 786	215	.....	.....
Floyd	63 461	150	.....	.....
Fountain	18 929	398	.....	.....	.....	.....
Franklin	21 208	385	.....	.....
Fulton	18 858	369	.....	.....	.....	.....

STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gibson	34 621	490	.....	.....	.....	.....
Grant	78 305	415	.....	.....	.....	.....
Greene	30 483	546	.....	.....	.....	.....
Hamilton	90 684	398	44 449	307	.....	.....
Hancock
Harrison	28 777	486	.....	.....
Hendricks	73 600	409	.....	.....	.....	.....
Henry	49 438	395	.....	.....
Howard	84 640	293	.....	.....	.....	.....
Huntington	34 915	366	.....	.....	.....	.....
Jackson	37 924	514	.....	.....
Jasper	26 785	561	.....	.....	.....	.....
Jay	21 544	384	.....	.....
Jefferson	30 439	363	.....	.....
Jennings	22 737	378	.....	.....
Johnson	82 426	321	.....	.....
Knox	43 254	520	.....	.....	.....	.....
Kosciusko	62 293	540	.....	.....	.....	.....
LaGrange	28 018	380	.....	.....
Lake	500 016	501	.....	.....
La Porte	106 674	600	.....	.....
Lawrence	41 069	452	.....	.....
Madison	132 788	453	.....	.....	.....	.....
Marion	777 116	396	.....	.....
Marshall	40 965	444	.....	.....	.....	.....
Martin	10 811	339	.....	.....	.....	.....
Miami	36 512	369	.....	.....	.....	.....
Monroe	101 351	385	.....	.....
Montgomery	35 828	505	.....	.....	.....	.....
Morgan	53 958	409	.....	.....

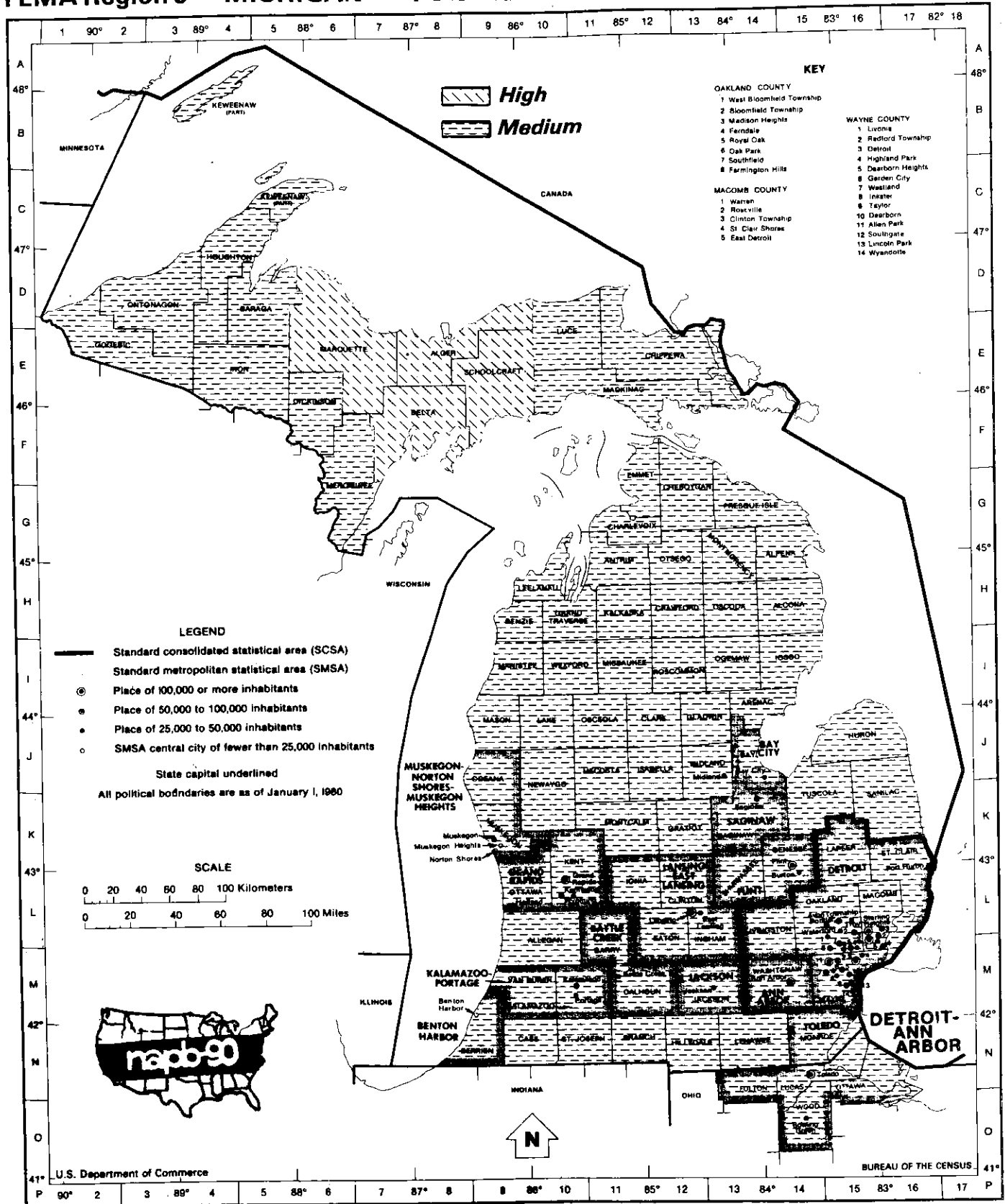
STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION
Newton	14 572	401	
Noble	36 347	413
Ohio	5 153	87
Orange	18 661	408
Owen	16 529		
Parke	16 845	444	
Perry	19 057	381	
Pike	13 173	341	
Porter	126 246	419
Posey	26 129	410	
Pulaski	13 458	435	
Putnam	30 660	482	
Randolph	28 234	454
Ripley	25 250	447
Rush	18 766	408
St Joseph	239 263	459
Scott	20 313	192
Shelby	40 382	412
Spencer	21 255	400	
Starke	20 993	309	
Steuben	25 018	308
Sullivan	20 798	452	
Switzerland	7 626	224
Tippecanoe	124 393	502	
Tipton	15 688	261	
Union	6 746	163
Vanderburgh	168 196	263	
Vermillion	17 904	260	
Vigo	109 571	405	
Wabash	34 816	398	

STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Warren	8 969	366				
Warrick	45 743	391				
Washington	22 315	516		
Wayne	72 979	404		
Wells	24 878	370		
White	23 599	506				
Whitley	26 512	336				
TOTAL STATE	----	----	1 873 950	18 787	3 625 686	17 176	----	----

FEMA Region 5 — MICHIGAN — Potential Fallout



S T A T E O F M I C H I G A N - - F A L L O U T R I S K

Estimated 1985 Population: 9,030,778
Land Area: 57,019 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alcona
Alger
Allegan	8 715	912	.....	.....	.....	.....
Alpena	84 857	.....	832	.....
Antrim	31 164	.....	568	.....
	16 919	.....	480	.....
Arenac
Baraga	15 260	.....	368	.....
Barry	8 276	.....	901	.....
Bay	46 620	.....	560	.....
	116 484	.....	447	.....
Benzie	11 105	.....	322	.....
Berrien
Branch	160 914	.....	576	.....
Calhoun	38 324	.....	508	.....
Cass	136 813	.....	712	.....
	47 369	.....	496	.....
Charlevoix	19 648	.....	421	.....
Cheboygan
Chippewa	20 952	.....	720	.....
Clare	28 740	1 590	.....	.....
Clinton	24 955	.....	570	.....
	55 108	.....	573	.....
Crawford	9 904	.....	559	.....
Delta
Dickinson	39 551	1 173	.....	.....	.....	.....
Eaton	25 983	.....	770	.....
Emmet	89 510	.....	579	.....
	23 747	.....	468	.....
Genesee	430 014	.....	642	.....

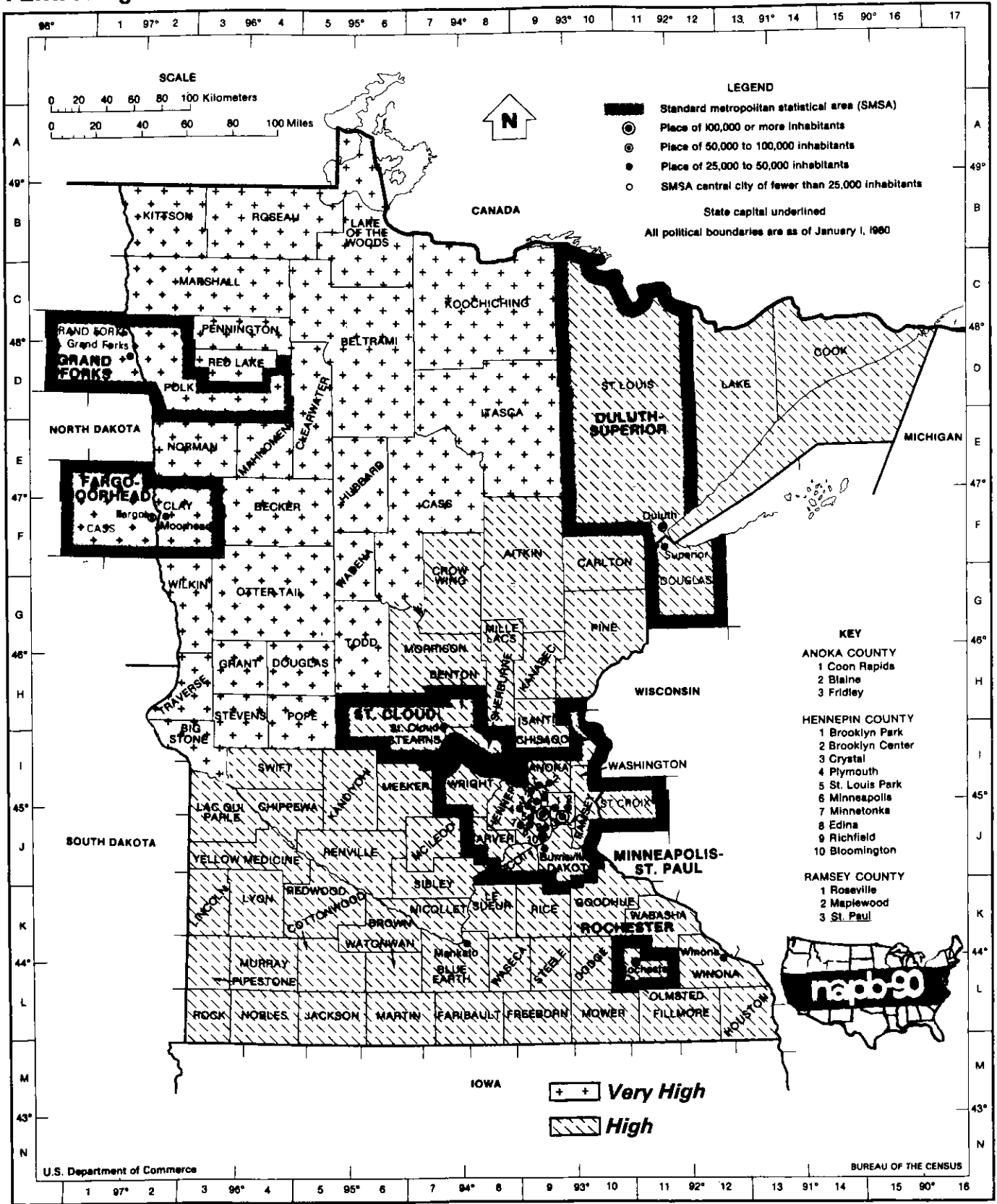
STATE OF MICHIGAN (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gladwin	21 607	505		
Gogebic	19 217	1 105		
Grand Traverse	57 547	466		
Gratiot	39 574	570		
Hillsdale	41 565	603		
Houghton	38 148	1 014		
Huron	35 867	830		
Ingham	270 681	560		
Ionia	52 503	577		
Iosco	30 680	546		
Iron	14 100	1 163		
Isabella	54 659	576		
Jackson	143 728	705		
Kalamazoo	215 916	562		
Kalkaska	11 623	563		
Kent	465 963	862		
Keweenaw	2 096	544		
Lake	8 593	568		
Lapeer	68 766	658		
Leelanau	14 462	341		
Lenawee	87 729	753		
Livingston	100 690	575		
Luce	5 790	905		
Mackinac	10 241	1 025		
Macomb	684 008	483		
Manistee	22 152	543		
Marquette	71 997	1 882				
Mason	26 439	495		
Mecosta	37 282	560		
Menominee	25 896	1 045		

STATE OF MICHIGAN (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Midland	76 114	525		
Missaukee	10 689	565		
Monroe	130 040	557		
Montcalm	50 284	713		
Montmorency	7 813	550		
Muskegon	155 184	507		
Newaygo	36 547	847		
Oakland	1 003 070	875		
Oceana	21 979	541		
Ogemaw	17 661	569		
Ontonagon	9 630	1 311		
Osceola	20 422	569		
Oscoda	6 914	568		
Otsego	15 421	516		
Ottawa	166 497	567		
Presque Isle	13 781	656		
Roscommon	18 544	528		
Saginaw	216 774	815		
St Clair	137 706	734		
St Joseph	58 102	503		
Sanilac	39 937	964		
Schoolcraft	67 929	541		
Shiawassee	8 415	1 173	54 830	812		
Tuscola	66 432	612		
Van Buren	265 283	710		
Washtenaw	2 148 063	615		
Wayne	26 401	566		
Wexford				
TOTAL STATE	---	---	128 678	5 140	8 902 100	51 879	---	---

FEMA Region 5 – MINNESOTA – Potential Fallout



STATE OF MINNESOTA - - FALLOUT RISK

Estimated 1985 Population: 4,181,231
 Land Area: 79,547 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Aitkin	.....		13 615	1 834				
Anoka	.....		214 648	430				
Becker	29 238	1 312						
Beltrami	33 755	2 507						
Benton	.....		26 710	408				
Big Stone	7 694	497						
Blue Earth	.....		51 263	749				
Brown	.....		28 437	610				
Carlton	.....		30 176	864				
Carver	.....		39 822	351				
Cass	21 799	2 033						
Chippewa	.....		14 480	584				
Chisago	.....		28 024	417				
Clay	48 492	1 049						
Clearwater	8 958	1 000						
Cook	.....		4 068	1 412				
Cottonwood	.....		14 015	640				
Crow Wing	.....		43 714	1 008				
Dakota	.....		218 358	575				
Dodge	.....		15 445	439				
Douglas	29 249	644						
Fairbault	.....		18 552	714				
Fillmore	.....		21 505	862				
Freeborn	.....		35 034	705				
Goodhue	.....		39 373	763				

STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Grant	6 899	547						
Hennepin	.....	.....	969 049	541				
Houston	.....	.....	18 852	564				
Hubbard	14 427	936						
Isanti	.....	.....	25 121	440				
Itasca	42 784	2 661						
Jackson	.....	.....	13 471	699				
Kanabec	.....	.....	12 663	527				
Kandiyohi	.....	.....	38 440	784				
Kittson	6 467	1 104						
Koochiching	16 344	3 108						
Lac Qui Parle	.....	.....	10 177	772				
Lake	.....	.....	11 624	2 053				
Lake of the Wood	3 775	1 296						
Le Sueur	.....	.....	23 743	446				
Lincoln	.....	.....	7 811	539				
Lyon	.....	.....	25 402	714				
McLeod	.....	.....	30 687	489				
Mahnomen	5 369	559						
Marshall	12 456	1 760						
Martin	.....	.....	24 921	706				
Meeker	.....	.....	21 191	624				
Mille Lacs	.....	.....	18 965	578				
Morrison	.....	.....	30 289	1 124				
Mower	.....	.....	39 199	711				
Murray	.....	.....	10 926	702				
Nicollet	.....	.....	27 475	440				
Nobles	.....	.....	21 185	714				
Norman	8 628	877						
Olmsted	.....	.....	97 282	655				

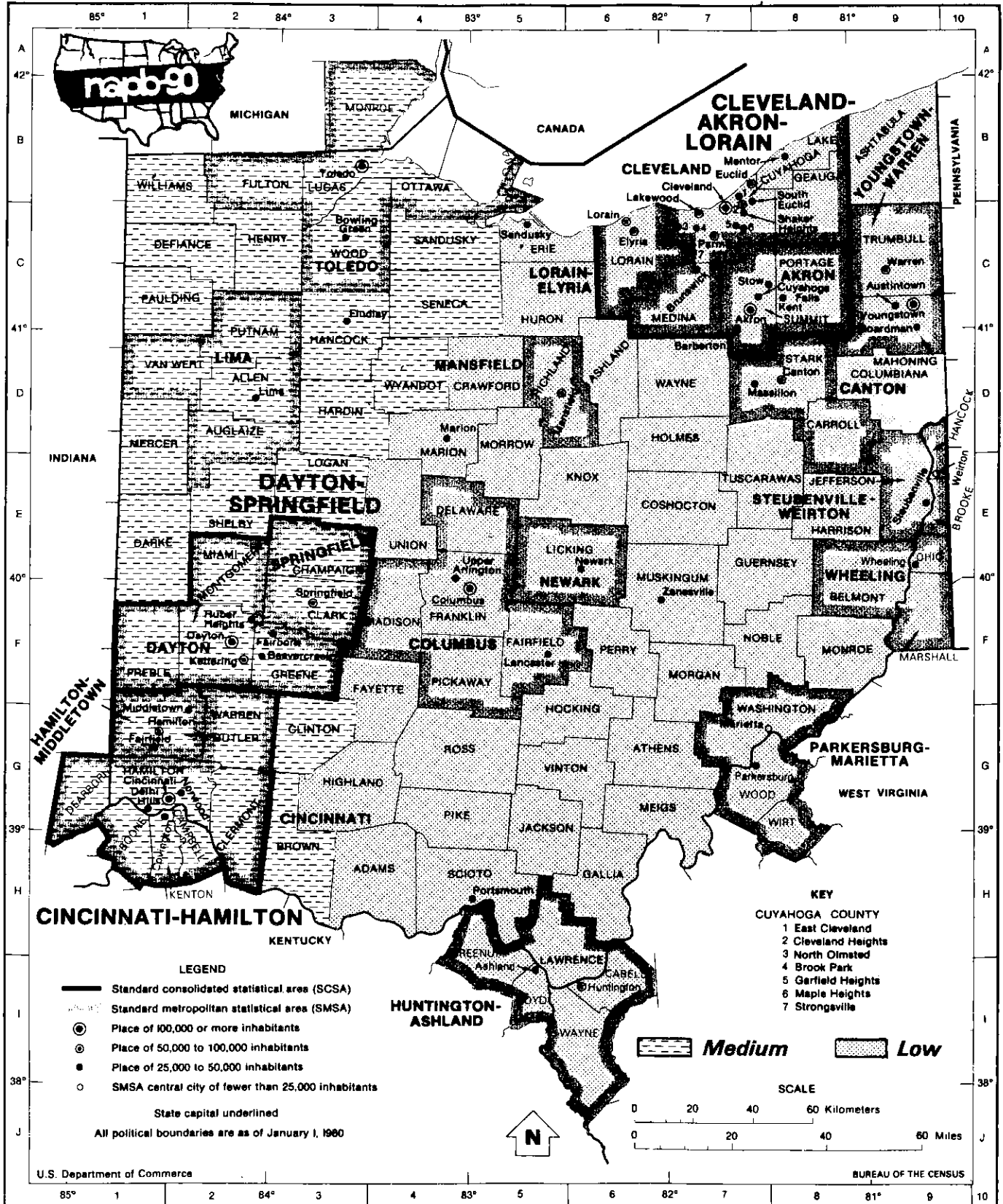
STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Otter Tail	52 568	1 973						
Pennington	13 745	618						
Pine	.....	.....	21 028	1 421				
Pipestone	.....	.....	11 155	466				
Polk	33 479	1 981						
Pope	11 767	668						
Ramsey	.....	.....	469 833	154				
Red Lake	5 145	433						
Redwood	.....	.....	19 036	881				
Renville	.....	.....	19 875	984				
Rice	.....	.....	47 643	501				
Rock	.....	.....	10 482	483				
Roseau	12 588	1 677						
St Louis	.....	.....	206 555	6 125				
Scott	.....	.....	47 955	357				
Sherburne	.....	.....	33 369	435				
Sibley	.....	.....	15 312	593				
Stearns	.....	.....	113 166	1 338				
Steele	.....	.....	29 841	431				
Stevens	10 574	560						
Swift	.....	.....	12 526	742				
Todd	25 886	941						
Traverse	5 391	575						
Wabasha	.....	.....	19 538	537				
Wadena	13 856	537						
Waseca	.....	.....	18 502	422				
Washington	.....	.....	125 448	390				
Watonwan	.....	.....	12 366	435				
Wilkin	7 996	751						
Winona	.....	.....	46 636	630				

STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Wright	.....	.....	62 769	672				
Yellow Medicine	.....	.....	13 155	759				
TOTAL STATE	489 329	32 604	3 691 902	46 943	----	----	----	----

FEMA Region 5 – OHIO – Potential Fallout



S T A T E O F O H I O ~ ~ F A L L O U T R I S K

Estimated 1985 Population: 10,638,633
 Land Area: 41,006 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	24 825	586
Allen	46 416	424
Ashland	100 965	703
Ashtabula	58 385	508
Athens
Auglaize
Belmont	81 529	537
Brown
Butler
Carroll	27 213	393
Champaign
Clark
Clermont
Clinton
Columbiana	11 603	534
Coshocton
Crawford	36 487	566
Cuyahoga	48 719	403
Darke	1 451 046	459
Defiance	38 008	414
Delaware
Erie	58 142	443
Fairfield	77 447	264
Fayette	96 335	506
Franklin	27 400	405
	899 877	542

STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Fulton	38 575	407	30 092	471
Gallia	75 013	408
Geauga
Greene	129 410	415	.....	.....
Guernsey	41 304	522
Hamilton	961 633	412	.....	.....
Hancock	64 917	532	.....	.....
Hardin	31 387	471	.....	.....
Harrison	16 159	400
Henry	28 187	415	.....	.....
Highland	34 376	553
Hocking	24 746	423
Holmes	30 289	424
Huron	55 072	495
Jackson	29 753	420
Jefferson	86 780	410
Knox	47 613	529
Lake	216 175	231
Lawrence	62 576	456
Licking	124 764	686
Logan	39 597	458	.....	.....
Lorain	270 340	495
Lucas	462 017	341	.....	.....
Madison	34 949	467
Mahoning	279 136	417
Marion	66 049	403
Medina	116 655	422
Meigs	23 696	432
Mercer
Miami	38 647	457	88 976	410

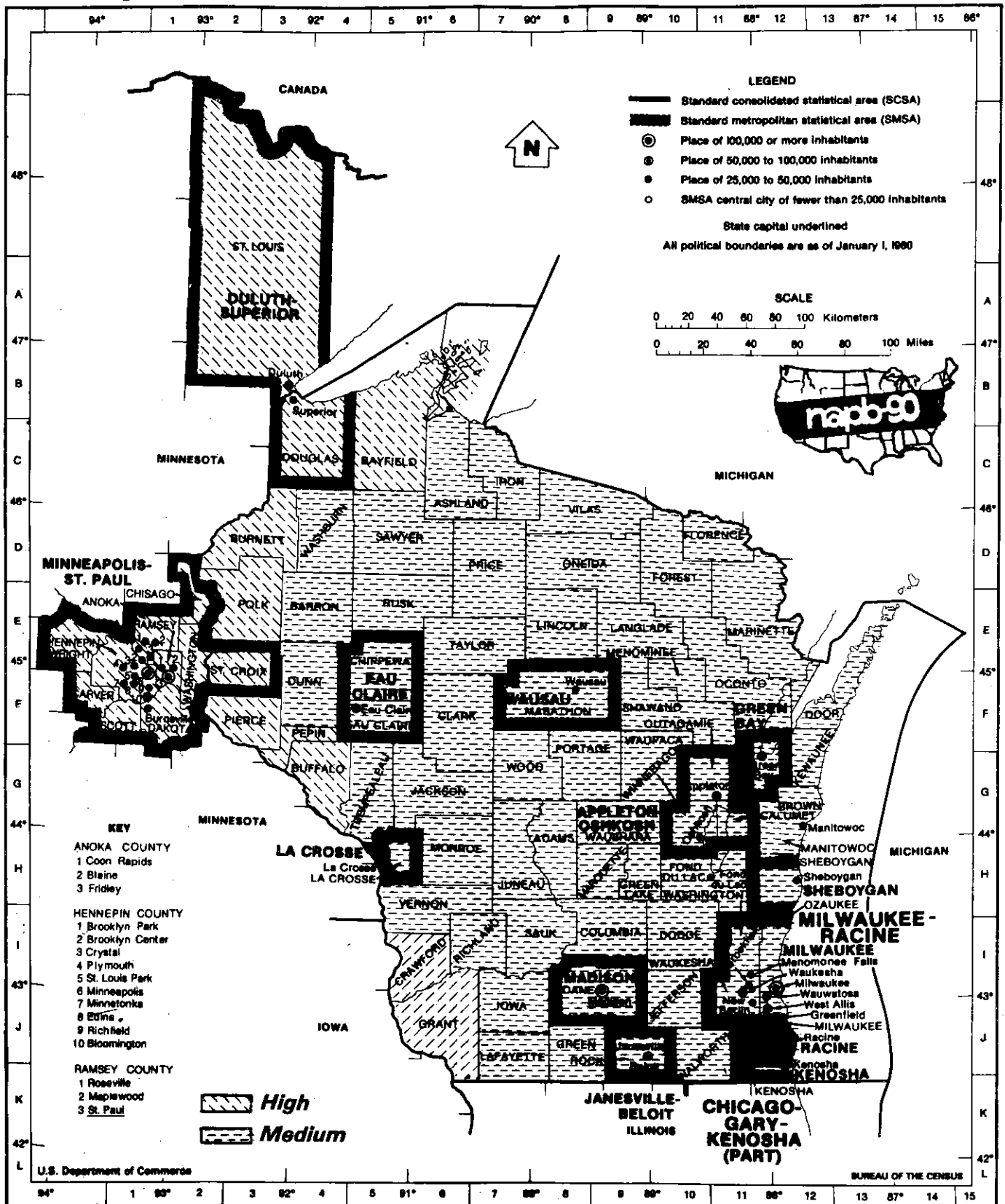
STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Monroe	16 091	458
Montgomery	561 738	458	14 056	420
Morgan	26 564	406
Morrow	84 376	654
Muskingum
Noble	11 231	399
Ottawa	39 633	253	.....	.....
Paulding	20 507	419	.....	.....
Perry	31 855	412
Pickaway	42 544	503
Pike	24 296	443
Portage	137 910	493
Preble	38 517	426	.....	.....
Putnam	33 276	484	.....	.....
Richland	128 552	497
Ross	68 139	692
Sandusky	61 918	409	.....	.....
Scioto	84 422	614
Seneca	61 233	553	.....	.....
Shelby	43 360	409	.....	.....
Stark	376 852	574
Summit	509 599	412
Trumbull	235 536	612
Tuscarawas	85 576	569
Union	31 017	437
Van Wert	29 833	410	.....	.....
Vinton	11 473	414
Warren	103 313	403	.....	.....
Washington	64 922	640
Wayne	100 270	557

STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Williams	36 158	422		
Wood	108 636	619		
Wyandot	22 355	406		
TOTAL STATE	---	---	---	---	3 714 442	13 639	6 924 191	27 367

FEMA Region 5 — WISCONSIN — Potential Fallout



S T A T E O F W I S C O N S I N - - F A L L O U T R I S K

Estimated 1985 Population: 4,779,553
Land Area: 54,424 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	13 859	648	.....	.....
Ashland	17 248	1 048	.....	.....
Barron	39 553	865	.....	.....
Bayfield	14 400	1 462	.....	.....	.....	.....
Brown	182 756	524	.....	.....
Buffalo	14 572	699	.....	.....	.....	.....
Burnett	13 869	818	.....	.....	.....	.....
Calumet	33 511	326	.....	.....
Chippewa	53 660	1 017	.....	.....
Clark	34 020	1 218	.....	.....
Columbia	44 916	771	.....	.....
Crawford	16 679	566	.....	.....	.....	.....
Dane	335 264	1 205	.....	.....
Dodge	76 135	887	.....	.....
Door	26 236	492	.....	.....
Douglas	43 876	1 305	.....	.....	.....	.....
Dunn	34 908	853	.....	.....
Eau Claire	83 603	638	.....	.....
Florence	4 025	486	.....	.....
Fond du Lac	89 789	725	.....	.....
Forest	9 364	1 011	.....	.....
Grant	51 842	1 144	.....	.....
Green	30 446	583	.....	.....	.....	.....
Green Lake	19 281	357	.....	.....
Iowa	20 743	760	.....	.....

STATE OF WISCONSIN (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Iron	6 280	751	.....	.....
Jackson	16 607	998	.....	.....
Jefferson	66 968	562	.....	.....
Juneau	21 336	774	.....	.....
Kenosha	120 916	273	.....	.....
Kewaunee	20 184	343	.....	.....
La Crosse	93 613	457	.....	.....
LaFayette	17 175	634	.....	.....
Langlade	20 122	873	.....	.....
Lincoln	28 174	886	.....	.....
Manitowoc	83 201	594	.....	.....
Marathon	112 970	1 559	.....	.....
Marinette	40 352	1 395	.....	.....
Marquette	12 737	454	.....	.....
Menominee	3 832	359	.....	.....
Milwaukee	951 403	241	.....	.....
Monroe	36 025	904	.....	.....
Oconto	30 044	1 002	.....	.....
Oneida	31 238	1 130	.....	.....
Outagamie	133 891	642	.....	.....
Ozaukee	67 465	235	.....	.....
Pepin	7 643	231	.....	.....	.....	.....
Pierce	32 390	576	.....	.....	.....	.....
Polk	34 191	919	.....	.....	.....	.....
Portage	57 011	810	.....	.....
Price	16 777	1 256	.....	.....
Racine	173 954	334	.....	.....
Richland	17 627	585	.....	.....
Rock	138 419	724	.....	.....
Rusk	16 110	913	.....	.....

STATE OF WISCONSIN (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
St Croix	45 277	723				
Sauk	44 873	838		
Sawyer	14 310	1 255		
Shawano	36 820	897		
Sheboygan	102 389	515		
Taylor	18 660	975		
Trempealeau	26 132	736		
Vernon	26 772	808		
Vilas	17 750	867		
Walworth	70 757	556		
Washburn	13 767	815		
Washington	87 947	431		
Waukesha	286 077	554		
Waupaca	43 959	754		
Waushara	19 321	628		
Winnebago	133 994	449		
Wood	77 538	801		
TOTAL STATE	---	---	253 343	7 882	4 526 210	46 542	---	---

F E M A R E G I O N V I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 28,140,362
 Land Area: 548,583 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Arkansas	240 621	6 294	2 123 020	45 788	---	---	---	---
Louisiana	---	---	902 197	13 964	520 327	9 614	3 102 495	20 942
New Mexico	---	---	60 404	6 066	184 826	12 435	1 215 553	102 835
Oklahoma	72 601	2 661	1 666 762	30 051	1 625 556	35 944	---	---
Texas	---	---	126 824	2 882	4 188 147	45 076	12 111 029	214 031
TOTAL REGION VI	313 222	8 955	4 879 207	98 751	6 518 856	103 069	16 429 077	337 808

S T A T E O F A R K A N S A S - - F A L L O U T R I S K

Estimated 1985 Population: 2,363,641
Land Area: 52,082 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Arkansas		24 025	1 006				
Ashley		26 615	934				
Baxter	30 117	546						
Benton		86 071	844				
Boone	28 115	584						
Bradley		13 434	654				
Calhoun		6 162	629				
Carroll		17 597	634				
Chicot		18 017	649				
Clark		23 166	867				
Clay	19 819	641						
Cleburne		19 153	551				
Cleveland		8 119	599				
Columbia		27 495	767				
Conway		19 479	558				
Craighead		63 470	713				
Crawford		40 173	593				
Crittenden		50 180	599				
Cross		20 753	622				
Dallas		11 014	668				
Desha		19 698	746				
Drew		17 946	831				
Faulkner		50 628	646				
Franklin		15 588	609				
Fulton	10 449	616						

STATE OF ARKANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Garland	74 774	657	.....	.....	.....	.....
Grant	13 183	633	.....	.....	.....	.....
Greene	31 370	578	.....	.....	.....	.....	.....	.....
Hempstead	23 615	725	.....	.....	.....	.....
Hot Spring	27 264	615	.....	.....	.....	.....
Howard	13 584	574	.....	.....	.....	.....
Independence	32 517	763	.....	.....	.....	.....
Izard	11 018	581	.....	.....	.....	.....	.....	.....
Jackson	21 479	633	.....	.....	.....	.....
Jefferson	90 496	882	.....	.....	.....	.....
Johnson	18 525	676	.....	.....	.....	.....
LaFayette	10 093	518	.....	.....	.....	.....
Lawrence	18 546	589	.....	.....	.....	.....	.....	.....
Lee	15 391	602	.....	.....	.....	.....
Lincoln	13 046	563	.....	.....	.....	.....
Little River	14 145	516	.....	.....	.....	.....
Logan	20 662	717	.....	.....	.....	.....
Lonoke	37 233	783	.....	.....	.....	.....
Madison	11 851	837	.....	.....	.....	.....
Marion	12 601	587	.....	.....	.....	.....
Miller	39 656	619	.....	.....	.....	.....
Mississippi	59 199	897	.....	.....	.....	.....	.....	.....
Monroe	13 383	609	.....	.....	.....	.....
Montgomery	7 782	775	.....	.....	.....	.....
Nevada	10 970	620	.....	.....	.....	.....
Newton	8 207	823	.....	.....	.....	.....
Ouachita	33 443	737	.....	.....	.....	.....
Perry	7 924	551	.....	.....	.....	.....
Phillips	33 653	685	.....	.....	.....	.....
Pike	10 051	598	.....	.....	.....	.....

STATE OF ARKANSAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Poinsett	25 939	762				
Polk	17 508	860				
Pope	42 387	820				
Prairie	10 052	656				
Pulaski	352 946	767				
Randolph	16 315	656						
St Francis	31 547	639				
Saline	56 244	725				
Scott	9 906	897				
Searcy	8 941	668				
Sebastian	97 960	535				
Sevier	14 471	560				
Sharp	15 673	606						
Stone	9 766	606				
Union	49 350	1 053				
Van Buren	15 337	709				
Washington	104 872	951				
White	52 827	1 040				
Woodruff	10 516	592				
Yell	18 140	931				
TOTAL STATE	240 621	6 294	2 123 020	45 788	---	---	---	---

S T A T E O F L O U I S I A N A - - F A L L O U T R I S K

Estimated 1985 Population: 4,525,019
Land Area: 44,520 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Acadia	59 861	657
Allen	21 908	766
Ascension	58 862	296
Assumption	23 808	342
Avoyelles	43 773	846	
Beauregard
Bienville	32 564	1 163
Bossier	16 855	815	.....	.....	.....
Caddo	90 980	845	.....	.....	.....
Calcasieu	276 755	894	.....	.....	.....
Caldwell	176 853	1 081
Cameron	11 466	541	.....	.....	.....
Catahoula	10 180	1 417
Claiborne	12 760	732	.....	.....
Concordia	18 483	765	.....	.....	.....
De Soto	23 966	717	.....	.....
East Baton Rouge	27 693	880	.....	.....	.....
East Carroll	397 601	458
East Feliciana	11 376	426	.....	.....	.....
Evangeline	20 727	455	.....	.....
Franklin	35 372	667
Grant	24 409	636	.....	.....	.....
Iberia	18 370	653	.....	.....	.....
Iberville	70 124	589
Jackson	17 125	578	.....	33 300	637

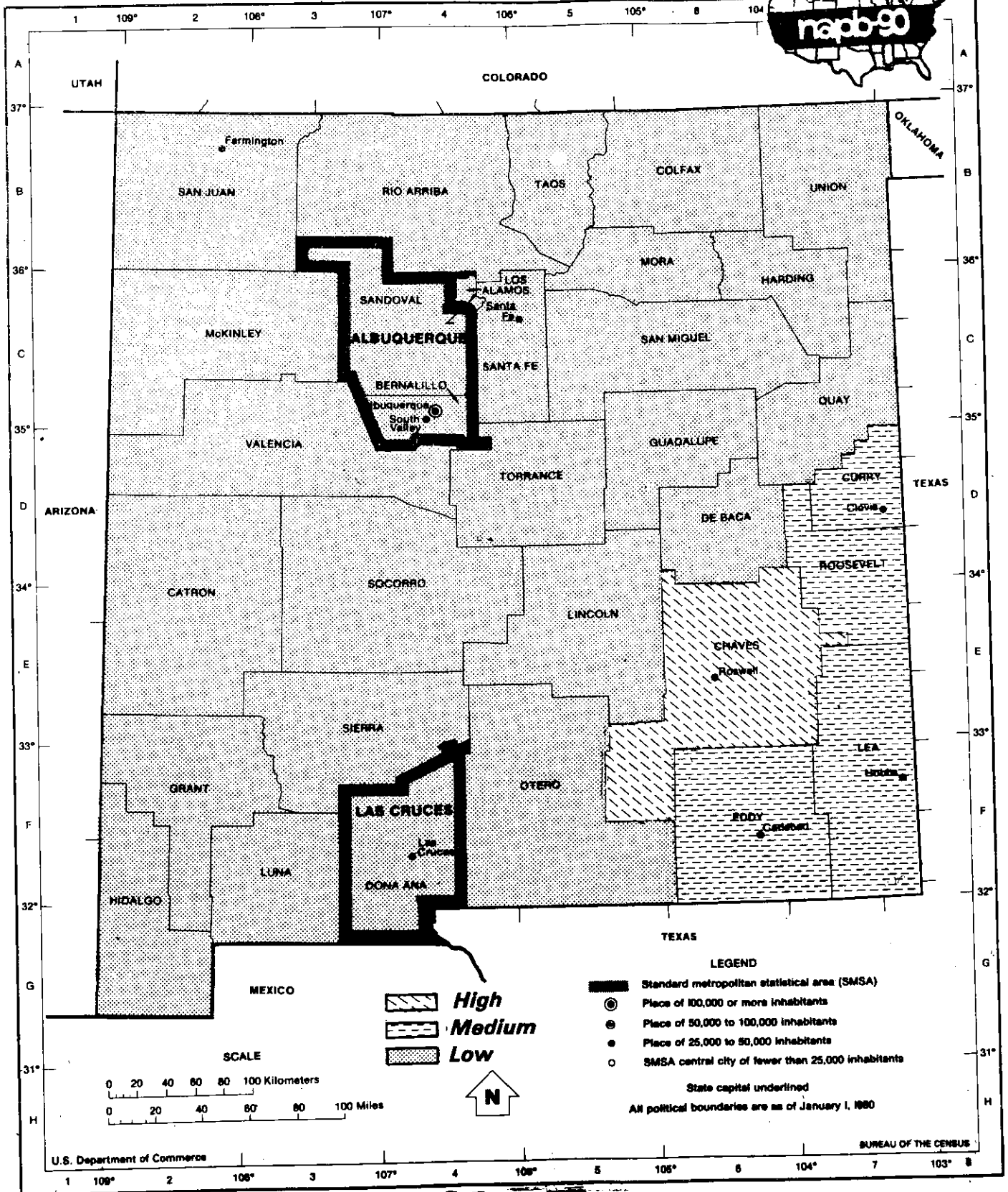
STATE OF LOUISIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Jefferson	479 824	347
Jefferson Davis	33 174	655
LaFayette	175 046	270
LaFourche	89 854	1 141
LaSalle	17 629	638	.....	.....	.....	.....
Lincoln	43 102	472	.....	.....	71 703	661
Livingston
Madison	15 430	631	.....	.....	.....	.....
Morehouse	35 796	807	.....	.....	40 047	1 264
Natchitoches	559 384	199
Orleans	26 882	1 035
Ouachita	143 485	627	.....	.....	.....	.....
Plaquemines
Pointe Coupee	24 933	566	.....	.....
Rapides	139 793	1 341	.....	.....
Red River	10 989	394	.....	.....	68 168	486
Richland	22 884	563	.....	.....	42 789	286
Sabine	27 588	855	.....	.....
St Bernard
St Charles
St Helena	10 406	409	22 121	248
St James	41 836	213
St John Baptist	90 161	936
St Landry	47 258	749
St Martin	65 424	613
St Mary	142 182	873
St Tammany
Tangipahoa	93 622	783	.....	.....
Tensas	8 292	623	.....	.....
Terrebonne	103 873	1 367

STATE OF LOUISIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION	AREA	AREA	AREA	AREA
Union	22 551	884					
Vermilion							
Vernon		54 232	1 205				
Washington			62 258	1 332			
Webster	45 935	46 376	676				
			602					
West Baton Rouge							
West Carroll	13 224	360	20 678	194			
West Feliciana							
Winn	17 660	13 859	406				
			953					
TOTAL STATE	---	902 197	13 964	520 327	9 614	3 102 495	20 942	

FEMA Region 6 – NEW MEXICO – Potential Fallout



S T A T E O F N E W M E X I C O - - F A L L O U T R I S K

Estimated 1985 Population: 1,460,783
 Land Area: 121,336 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R-]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bernalillo	456 640	1 169
Catron	2 781	6 929
Chaves	50 404	6 066	.....	.....	.....	.....
Colfax
Curry	44 347	1 408	13 280	3 762
DeBaca	2 278	2 323
Dona Ana	116 120	3 819
Eddy	55 403	4 184	.....	.....
Grant	27 992	3 969
Guadalupe	4 448	3 032
Harding	946	2 122
Hidalgo	6 462	3 445
Lea	68 068	4 390	.....	.....
Lincoln	14 173	4 832
Los Alamos	19 396	109
Luna	16 846	2 965
McKinley	62 558	5 442
Mora	4 909	1 930
Otero	50 681	6 626
Quay	10 634	2 874
Rio Arriba	32 805	5 856
Roosevelt	17 008	2 453	.....	.....
Sandoval	35 678	3 707
San Juan	99 037	5 522
San Miguel	24 909	4 709

STATE OF NEW MEXICO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Santa Fe	82 898	1 905
Sierra	9 058	4 178
SOCORRO	15 027	6 625
Taos	21 094	2 204
Torrance	8 397	3 335
Union	5 531	3 830
Valencia	70 975	5 616
TOTAL STATE	----	----	60 404	6 066	184 826	12 435	1 215 553	102 835

S T A T E O F O K L A H O M A - - F A L L O U T R I S K

Estimated 1985 Population: 3,364,919
Land Area: 68,656 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	20 474	577				
Alfalfa	7 148	864				
Atoka	13 806	980				
Beaver			7 451	1 808		
Beckham			28 439	904		
Blaine					14 513	920
Bryan					32 184	902
Caddo					34 998	1 286
Canadian					71 951	902
Carter					47 692	827
Cherokee	34 575	748				
Choctaw	16 400	763				
Cimarron					4 046	1 842
Cleveland					160 572	529
Coal	5 816	520				
Comanche					121 146	1 076
Cotton					6 987	656
Craig	15 333	763				
Creek	72 149	930				
Custer					36 008	981
Delaware						
Dewey	28 310	720				
Ellis					6 721	1 007
Garfield					6 483	1 232
Garvin	66 024	1 060				
					31 029	813

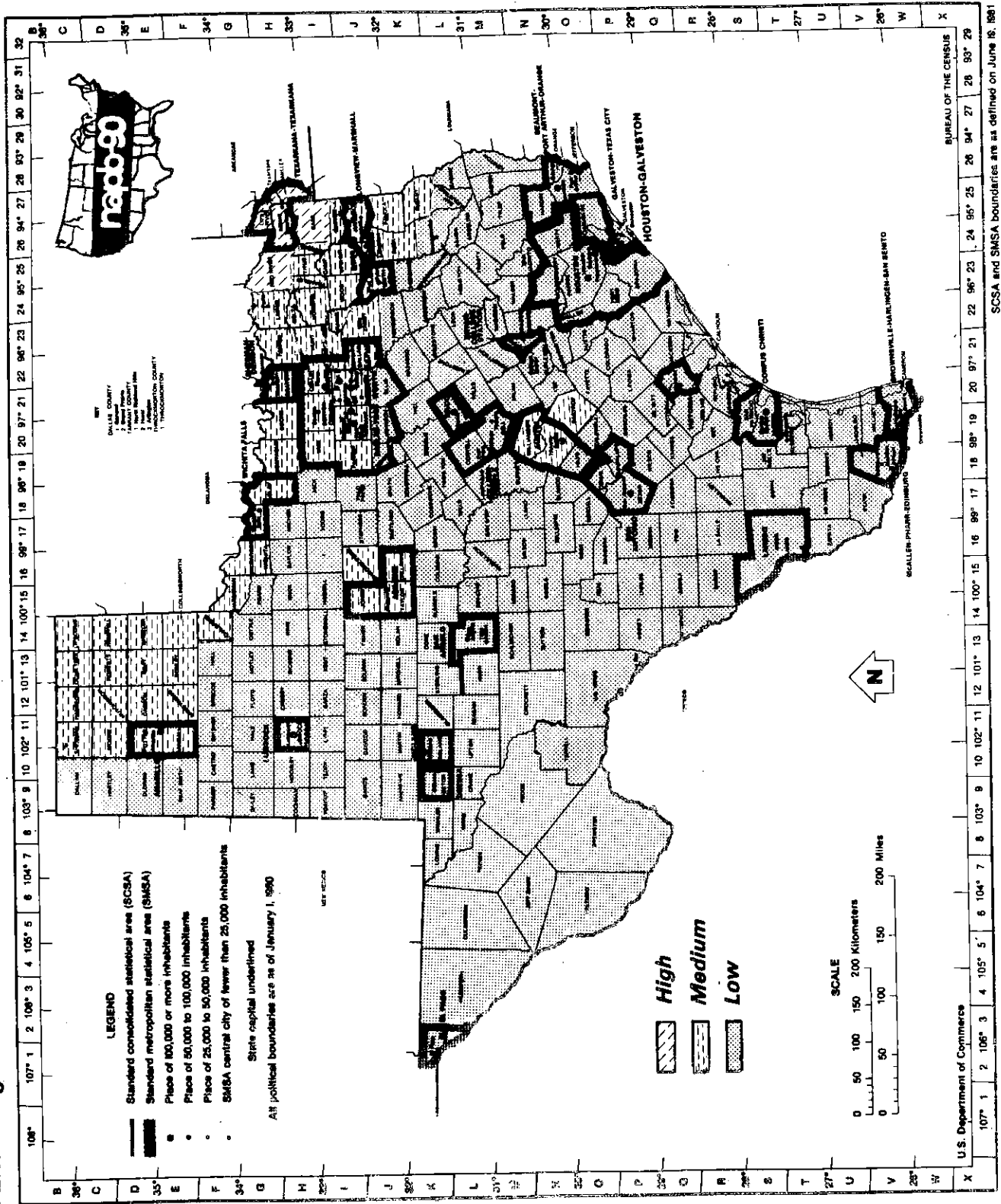
STATE OF OKLAHOMA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Grady	46 202	1 106		
Grant	6 713	1 004						
Greer	7 290	638		
Harmon	4 422	537		
Harper	4 839	1 039		
Haskell	11 927	570				
Hughes	15 085	805				
Jackson	30 803	817		
Jefferson	8 759	769		
Johnston	10 912	639		
Kay	53 759	921			16 877	906		
Kingfisher	12 812	1 019		
Kiowa				
Latimer	10 152	728				
Le Flore	43 438	1 585				
Lincoln	30 539	964				
Logan	31 357	748				
Love	8 154	519		
McClain	25 247	581		
McCurtain	35 933	1 826				
McIntosh	17 305	599				
Major	9 516	958		
Marshall	11 460	372		
Mayes	35 187	644				
Murray	13 473	420		
Muskogee	70 748	815				
Noble	12 129	736						
Nowata	11 552	541				
Okfuskee	12 082	628				
Oklahoma	635 696	708		

STATE OF OKLAHOMA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Okmulgee		40 403	698				
Osage		42 658	2 264				
Ottawa		33 882	465				
Pawnee		17 176	551				
Payne		65 992	691				
Pittsburg		43 109	1 251				
Pontotoc				34 762	717		
Pottawatomie		62 945	783				
Pushmataha		11 880	1 417				
Roger Mills				6 385	1 146		
Rogers		56 007	683				
Seminole		29 055	639				
Sequoyah		33 645	678				
Stephens				46 259	885		
Texas				18 201	2 040		
Tillman				11 650	904		
Tulsa		519 654	571				
Wagoner		52 032	559				
Washington		52 984	423				
Washita				17 419	1 006		
Woods				10 827	1 291		
Woodward				23 371	1 242		
TOTAL STATE	72 601	2 661	1 666 762	30 051	1 625 556	35 944	---	---

FEMA Region 6 — TEXAS — Potential Fallout



S T A T E O F T E X A S - - F A L L O U T R I S K

Estimated 1985 Population: 16,426,000
Land Area: 261,989 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Anderson	47 651	1 077
Andrews	16 609	1 501
Angelina	69 361	807
Aransas	17 801	280
Archer	8 179	907
Armstrong	1 937	910	.....
Atrascosa	28 715	1 218
Austin	21 150	656
Bailey	8 227	827
Bandera	8 732	793
Bastrop	32 710	895	.....
Baylor	5 126	862
Bee	29 378	880
Bell	169 465	1 055
Bexar	1 117 869	1 248
Blanco	5 508	714
Borden	1 003	900
Bosque	14 289	989
Bowie	80 151	891	.....
Brazoria	190 191	1 407
Brazos	123 285	588
Brewster	8 213	6 169
Briscoe	2 266	887
Brooks	9 279	942
Brown	36 336	936

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION	AREA	AREA	AREA	AREA
Burleson	15 837	.....	.....	.....	668
Burnet	22 587	.....	.....	.....	994
Caldwell	27 133	.....	.....	.....	546
Calhoun	22 997	.....	.....	.....	540
Callahan	13 009	.....	.....	899	.....	.....
Cameron	248 893	.....	.....	.....	905
Camp	10 465	.....	.....	.....	203
Carson	7 188	.....	.....	924	.....	.....
Cass	30 977	.....	.....	.....	937	.....	.....
Castro	10 177	.....	.....	.....	899
Chambers	20 132	.....	.....	.....	616
Cherokee	39 769	.....	.....	.....	1 052
Childress	6 452	.....	.....	707	.....	.....
Clay	9 871	.....	.....	1 085	.....	.....
Cochran	4 732	.....	.....	.....	775
Coke	3 706	.....	.....	.....	908
Coleman	10 468	.....	.....	.....	1 277
Collin	187 101	.....	.....	851	.....	.....
Collingsworth	4 072	.....	.....	909	.....	.....
Colorado	20 306	.....	.....	.....	964
Comal	44 827	.....	.....	.....	555
Comanche	13 217	.....	.....	.....	930
Concho	2 977	.....	.....	.....	992
Cooke	29 097	.....	.....	893	.....	.....
Coryell	58 932	.....	.....	.....	1 057
Cottle	2 633	.....	.....	.....	895
Crane	5 350	.....	.....	.....	782
Crockett	5 035	.....	.....	.....	2 806
Crosby	8 432	.....	.....	.....	898
Culberson	3 509	.....	.....	.....	3 815

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION	AREA	AREA	AREA	AREA
Dallam	6 796	.....	.....	.....	1 505
Dallas	1 765 074	.....	.....	.....	880	.....
Dawson	17 059	.....	.....	.....	903
Deaf Smith	20 205	.....	.....	.....	1 497
Delta	4 944	.....	.....	.....	279	.....
Denton	174 001	.....	.....	.....	911
De Witt	20 656	.....	.....	.....	910
Dickens	3 090	.....	.....	.....	907
Dimmit	12 065	.....	.....	.....	1 307
Donley	4 208	.....	.....	.....	929	.....
Duval	13 548	.....	.....	.....	1 795
Eastland	21 466	.....	.....	.....	924
Ector	151 738	.....	.....	.....	903
Edwards	2 168	.....	.....	.....	2 102
Ellis	69 192	.....	.....	.....	939
El Paso	538 075	.....	.....	.....	1 014
Erath	24 905	.....	.....	.....	1 080
Falls	18 274	.....	.....	.....	770
Fannin	24 681	.....	.....	.....	895	.....
Fayette	20 407	.....	.....	.....	950
Fisher	5 741	.....	.....	.....	897
Floyd	8 802	.....	.....	.....	992
Foard	1 849	.....	.....	.....	703
Fort Bend	191 398	.....	.....	.....	876
Franklin	7 415	.....	.....	.....	294	.....
Freestone	17 218	.....	.....	.....	888
Frio	14 644	.....	.....	.....	1 133
Gaines	14 581	.....	.....	.....	1 504
Galveston	220 241	.....	.....	.....	399
Garza	5 720	.....	.....	.....	895

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gillespie	15 622	1 061
Glasscock	1 251	900
Goliad	5 897	859
Gonzales	19 081	1 068
Gray	27 503	921		
Grayson	95 891	934		
Gregg	114 058	273		
Grimes	17 968	799
Guadalupe	54 862	713
Hale	37 243	1 005
Hall	4 963	876
Hamilton	8 136	836
Hansford	6 590	921		
Hardeman	6 589	688		
Hardin	44 075	898
Harris	2 831 639	1 734
Harrison	58 471	908		
Hartley	3 633	1 462
Haskell	7 515	901
Hays	51 765	678
Hemphill	6 418	903		
Henderson	52 080	888
Hidalgo	350 518	1 569
Hill	27 335	968
Hockley	24 809	908
Hood	25 815	425
Hopkins	28 369	789		
Houston	23 673	1 234
Howard	38 311	901
Hudspeth	2 620	4 566

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Hunt
Hutchinson	65 278	840	.....	.....
Irion	30 287	871	.....	.....
Jack	1 800	1 052
Jackson	7 639	920
	13 946	844
Jasper	32 469	921
Jeff Davis	1 770	2 258
Jefferson	260 403	937
Jim Hogg	5 464	1 136
Jim Wells	40 710	867
Johnson	85 375	731
Jones	18 960	931	.....	.....
Karnes	13 498	753	.....	.....
Kaufman	49 484	788
Kendall	13 788	663
Kenedy	485	1 389
Kent	1 100	878
Kerr	33 638	1 107
Kimble	4 297	1 250
King	430	914
Kinney	2 407	1 359
Kleberg	34 983	853
Knox	5 583	845
Lamar	44 953	919	.....	.....
Lamb	17 077	1 013
Lampasas	13 753	714
La Salle	5 960	1 517
Lavaca	18 238	971
Lee	14 220	631
Leon	11 710	1 078

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Liberty	55 859	1 174
Limestone	21 699	931
Lipscomb	4 310	933		
Live Oak	9 872	1 057
Llano	12 072	939
Loving	75	671
Lubbock	220 637	900
Lynn	7 834	888
McCulloch	8 849	1 071
McLennan	184 912	1 031
McMullen	934	1 163
Madison	12 236	473
Marion	10 734	385		
Martin	5 451	914
Mason	3 526	934
Matagorda	37 618	1 127
Maverick	36 420	1 287
Medina	25 049	1 331
Menard	2 408	902
Midland	121 309	902
Milam	23 556	1 019
Mills	4 590	748
Mitchell	9 286	912
Montague	18 758	928		
Montgomery	168 161	1 047
Moore	17 728	905		
Morris	15 523	256		
Motley	1 820	959
Nacogdoches	51 584	939
Navarro	39 336	1 068

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Newton	13 436	935
Nolan	18 011	915
Nueces	305 867	847
Ochiltree		
Oldham	11 484	919	2 436	1 485
Orange		
Palo Pinto	91 432	362
Panola	23 148	812	26 766	949
Parker		
Parmer	54 135	902
Pecos	10 776	885
Polk	17 658	4 776
Potter	30 680	1 061
Presidio	108 666	902		
Rains	5 979	243	5 405	3 857
Randall		
Reagan	85 692	917		
Real	5 065	1 173
Red River	15 696	1 054	.....	.....	2 784	697
Reeves	15 924	2 626
Refugio		
Roberts	9 225	771
Robertson	1 062	915		
Rockwall	16 266	864
Runnels	20 181	128	12 504	1 056
Rusk		
Sabine	44 629	932	9 975	486
San Augustine	8 887	524
San Jacinto	14 075	572
San Patricio	64 171	693

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
San Saba	6 003	1 136
Schleicher	3 314	1 309
Scurry	20 589	900
Shackelford	4 096	915
Shelby	24 040	791
Sherman	3 235	923
Smith	148 646	932
Somervell	4 528	188
Starr	33 795	1 226
Stephens	10 829	894
Sterling	1 641	923
Stonewall	2 466	925
Sutton	5 948	1 455
Swisher	8 860	902
Tarrant	1 047 540	868
Taylor	126 136	917
Terrell	1 465	2 357
Terry	15 475	886
Throckmorton	2 384	912
Titus	23 389	412
Tom Green	98 791	1 515
Travis	518 971	989
Trinity	11 631	692
Tyler	18 854	922
Upshur	33 233	587
Upton	5 783	1 243
Uvalde	24 016	1 564
Val Verde	41 253	3 150
Van Zandt	37 028	855
Victoria	75 901	887

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Walker	52 221	786
Waller	24 262	514
Ward	16 495	836
Washington	25 426	610
Webb	122 888	3 363
Wharton	41 409	1 086
Wheeler	8 502	905
Wichita	127 426	606
Wilbarger	16 904	947
Willacy	18 857	589
Williamson	101 812	1 137
Wilson	18 710	807
Winkler	11 236	840
Wise	31 679	902
Wood	27 986	689
Yoakum	9 654	800
Young	20 063	919
Zapata	8 344	999
Zavala	12 247	1 289
TOTAL STATE	---	---	126 824	2 882	4 188 147	45 076	12 111 029	214 031

F E M A R E G I O N V I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 11,925,241
 Land Area: 282,971 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Iowa	---	---	2 906 939	55 964	---	---	---	---
Kansas	1 107 419	39 999	1 259 879	31 295	87 635	10 498	---	---
Missouri	3 339 896	43 945	1 628 662	24 631	---	---	---	---
Nebraska	429 634	56 943	1 185 177	19 696	---	---	---	---
TOTAL REGION VII	4 876 949	140 887	6 980 657	131 586	87 635	10 498	---	---

S T A T E O F I O W A - - F A L L O U T R I S K

Estimated 1985 Population: 2,906,939
 Land Area: 55,964 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	9 171	569				
Adams	5 535	425				
Allamakee	15 188	633				
Appanoose	14 710	498				
Audobon	8 169	444				
Benton	22 898	719				
Black Hawk	136 865	573				
Boone	25 946	573				
Bremer	24 669	439				
Buchanan	22 900	572				
Buena Vista	21 016	575				
Butler	17 310	582				
Calhoun	12 866	571				
Carroll	22 915	570				
Cass	17 077	565				
Cedar	18 790	582				
Cerro Goprdo	48 580	569				
Cherokee	15 621	577				
Chickasaw	15 018	505				
Clarke	8 787	431				
Clay	19 165	569				
Clayton	21 245	778				
Clinton	55 532	695				
Crawford	19 448	714				
Dallas	29 750	591				

STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Davis	9 276	504				
Decatur	9 232	535				
Delaware	19 169	578				
Des Moines	44 964	414				
Dickinson	15 710	381				
Dubuque	91 209	607				
Emmet	12 838	394				
Fayette	24 668	731				
Floyd	18 980	502				
Franklin	12 521	583				
Fremont	9 238	515				
Greene	11 579	571				
Grundy	13 743	501				
Guthrie	11 507	590				
Hamilton	17 290	576				
Hancock	13 559	571				
Hardin	21 564	569				
Harrison	15 855	698				
Henry	18 755	436				
Howard	10 877	473				
Humboldt	11 972	437				
Ida	8 852	432				
Iowa	15 135	587				
Jackson	22 405	638				
Jasper	36 039	731				
Jefferson	16 445	440				
Johnson	85 664	614				
Jones	20 530	576				
Keokuk	12 511	580				
Kossuth	21 303	974				

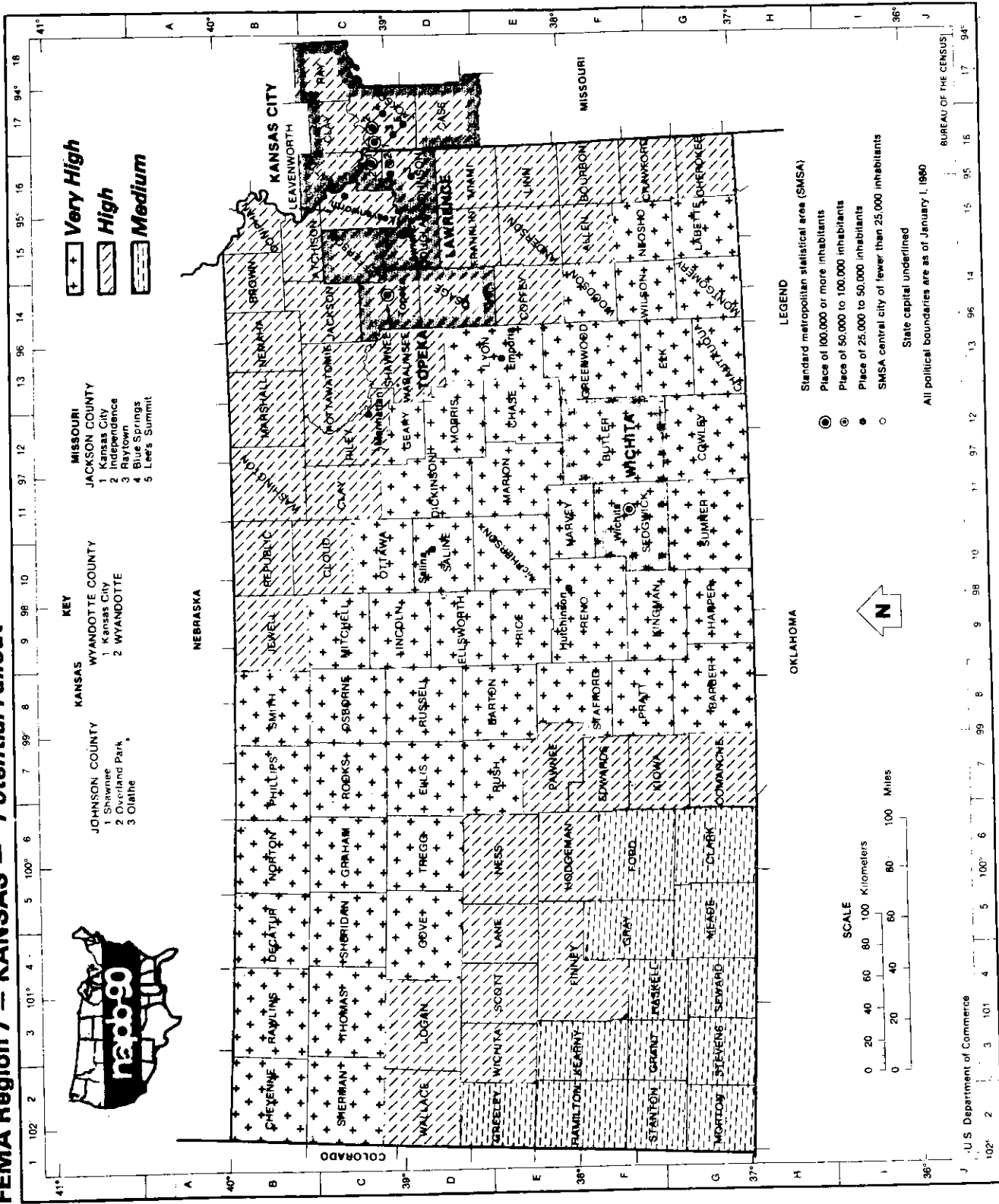
STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lee	42 782	522				
Linn	169 437	724				
Louisa	12 205	402				
Lucas	10 127	432				
Lyon	12 755	588				
Madison	12 297	563				
Mahaska	23 124	571				
Marion	30 300	560				
Marshall	41 544	573				
Mills	13 842	439				
Mitchell	11 817	469				
Monona	11 292	697				
Monroe	8 779	434				
Montgomery	13 273	424				
Muscatine	42 285	442				
O'Brien	16 817	572				
Osceola	8 173	398				
Page	18 930	535				
Palo Alto	12 148	562				
Plymouth	24 479	864				
Pocahontas	10 841	577				
Polk	313 620	582				
Pottawattamie	88 306	953				
Poweshiek	18 716	585				
Ringgold	5 797	536				
Sac	13 394	576				
Scott	161 427	459				
Shelby	14 675	591				
Sioux	31 399	769				
Story	73 036	574				

STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Tama	18 964	722				
Taylor	8 297	537				
Union	13 855	426				
Van Buren	8 281	484				
Wapello	39 386	434				
Warren	35 956	573				
Washington	20 041	570				
Wayne	7 837	527				
Webster	43 236	718				
Winnebago	12 850	401				
Winneshiek	22 264	690				
Woodbury	101 027	873				
Worth	8 906	401				
Wright	15 861	578				
TOTAL STATE	---	---	2 906 939	55 964	---	---	---	---

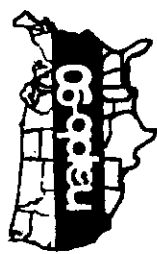
FEMA Region 7 - KANSAS - Potential Fallout



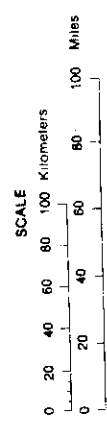
Very High
High
Medium

MISSOURI
 1 Kansas City
 2 Independence
 3 Raytown
 4 Blue Springs
 5 Lee's Summit

KEY
KANSAS
JOHNSON COUNTY
 1 Starnes
 2 Overland Park
 3 Olathe
WYANDOTTE COUNTY
 1 Kansas City
 2 Wyandotte



LEGEND
 Standard metropolitan statistical area (SMSA)
 ● Piece of 100,000 or more inhabitants
 ○ Piece of 50,000 to 100,000 inhabitants
 ● Piece of 25,000 to 50,000 inhabitants
 ○ SMSA central city of fewer than 25,000 inhabitants
 State capital underlined



All political boundaries are as of January 1, 1980
 BUREAU OF THE CENSUS
 U.S. Department of Commerce

S T A T E O F K A N S A S - - F A L L O U T R I S K

Estimated 1985 Population: 2,454,933
 Land Area: 81,792 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Allen	.....	.....	16 160	505				
Anderson	.....	.....	8 867	583				
Atchison	.....	.....	17 964	431				
Barber	.....	.....	7 351	1 136				
Barton	33 523	895						
Bourbon	.....	.....	15 817	638				
Brown	.....	.....	11 663	571				
Butler	47 629	1 443						
Chase	3 324	777						
Chautauqua	4 937	644						
Cherokee	.....	.....	22 307	590				
Cheyenne	3 687	1 021						
Clark	.....	.....	.....	.....	2 726	976		
Clay	.....	.....	9 546	632				
Cloud	.....	.....	12 024	718				
Coffey	.....	.....	10 139	615				
Comanche	.....	.....	2 592	790				
Cowley	37 379	1 128						
Crawford	.....	.....	38 049	595				
Decatur	4 658	894						
Dickinson	19 972	852						
Doniphan	.....	.....	9 005	388				
Douglas	.....	.....	70 265	461				
Edwards	.....	.....	4 107	620				
Elk	3 635	650						

STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Ellis	29 004	900						
Ellsworth	6 362	717						
Finney			30 041	1 302				
Ford					26 636	1 099		
Franklin			22 337	577				
Geary	29 329	377						
Gove	3 688	1 072						
Graham	4 256	898						
Grant					6 782	575		
Gray					5 373	868		
Greeley					1 917	778		
Greenwood	8 732	1 135						
Hamilton					2 499	998		
Harper	7 767	802						
Harvey	31 144	541						
Haskell					3 876	578		
Hodgeman			2 265	860				
Jackson			11 502	658				
Jefferson			16 072	536				
Jewell			4 396	916				
Johnson			302 948	478				
Kearny					3 901	868		
Kingman	9 141	866						
Kiowa			4 011	723				
Labette	25 690	653						
Lane			2 560	717				
Leavenworth			58 999	463				
Lincoln	3 771	720						
Linn			8 342	601				
Logan			3 458	1 073				

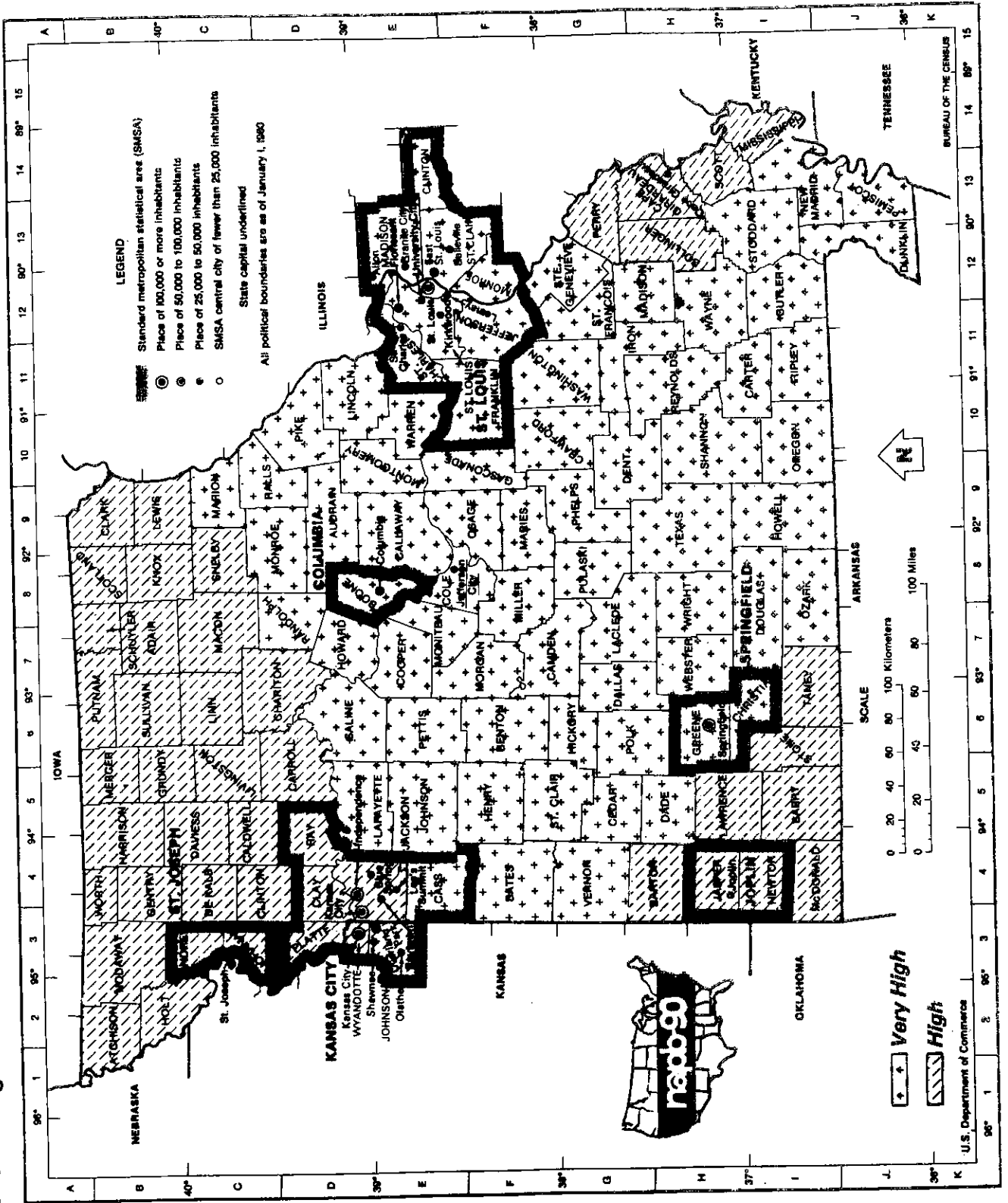
STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Lyon	38 382	844						
McPherson	27 785	900						
Marion	13 316	944						
Marshall			13 157	878				
Meade					4 652	979		
Miami			22 370	590				
Mitchell	7 879	717						
Montgomery	42 372	646						
Morris	6 294	693						
Morton					3 551	731		
Nemaha			11 148	719				
Neosho	19 665	576						
Ness			4 719	1 075				
Norton	6 530	873						
Osage			16 345	695				
Osborne	5 677	882						
Ottawa	5 823	721						
Pawnee			8 369	755				
Phillips	7 276	887						
Pottawatomie			15 954	828				
Pratt			11 255	735				
Rawlins	3 990	1 069						
Reno	64 889	1 259						
Republic			7 034	719				
Rice	11 669	728						
Riley			63 181	593				
Rooks	6 958	888						
Rush	4 427	718						
Russell	9 344	869						
Saline	50 557	721						

STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Scott	.....		5 905	717				
Sedgwick	385 098	1 007			18 408	640		
Seward	.....		.....		
Shawnee	.....		160 006	549				
Sheridan	3 435	896						
Sherman	7 425	1 057						
Smith	5 576	897						
Stafford	.....		5 886	788				
Stanton	.....		.....		2 451	681		
Stevens	.....		.....		4 863	727		
Sumner	25 457	1 184						
Thomas	9 160	1 075						
Trego	4 428	890						
Wabaunsee	.....		6 775	797				
Wallace	.....		2 075	914				
Washington	.....		7 890	898				
Wichita	.....		2 684	719				
Wilson	11 722	575						
Woodson	4 657	498						
Wyandotte	.....		172 339	149				
TOTAL STATE	1 107 419	39 999	1 259 879	31 295	87 635	10 498	---	---

FEMA Region 7 — MISSOURI — Potential Fallout



S T A T E O F M I S S O U R I - - F A L L O U T R I S K

Estimated 1985 Population: 4,968,558
Land Area: 68,576 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	.....	.....	25 447	567				
Andrew	.....	.....	15 285	436				
Atchison	.....	.....	8 640	542				
Audrain	25 774	697						
Barry	.....	.....	26 082	773				
Barton	.....	.....	11 620	597				
Bates	15 991	849						
Benton	12 507	729						
Bollinger	.....	.....	10 414	621				
Boone	107 479	687						
Buchanan	.....	.....	86 001	409				
Butler	38 514	698						
Caldwell	.....	.....	8 099	431				
Callaway	33 202	542						
Camden	23 226	641						
Cape Girardeau	.....	.....	60 804	577				
Carroll	.....	.....	11 543	695				
Carter	5 705	509						
Cass	55 154	702						
Cedar	12 412	471						
Chariton	.....	.....	10 258	758				
Christian	24 655	564						
Clark	.....	.....	8 254	507				
Clay	.....	.....	138 910	403				
Clinton	.....	.....	16 139	423				

STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Cole	61 687	392						
Cooper	14 592	566						
Crawford	19 043	744						
Dade	7 533	491						
Dallas	12 760	543						
Daviess	.....	.....	8 648	568				
DeKalb	.....	.....	8 127	425				
Dent	14 934	755						
Douglas	12 608	814						
Dunklin	35 924	547						
Franklin	74 755	922						
Gasconade	13 677	521	7 919	493				
Gentry	.....	.....				
Greene	194 885	678	11 542	437				
Grundy	.....	.....				
Harrison	.....	.....	9 919	725				
Henry	19 582	729						
Hickory	7 044	379						
Holt	.....	.....	6 649	456				
Howard	9 972	464						
Howell	30 461	927						
Iron	11 542	552	634 530	611				
Jackson	.....	.....	89 889	641				
Jasper	.....	.....				
Jefferson	158 515	661						
Johnson	38 244	834	5 277	507				
Knox	.....	.....				
LaClede	26 106	768						
LaFayette	30 315	632	30 322	614				
Lawrence	.....	.....				

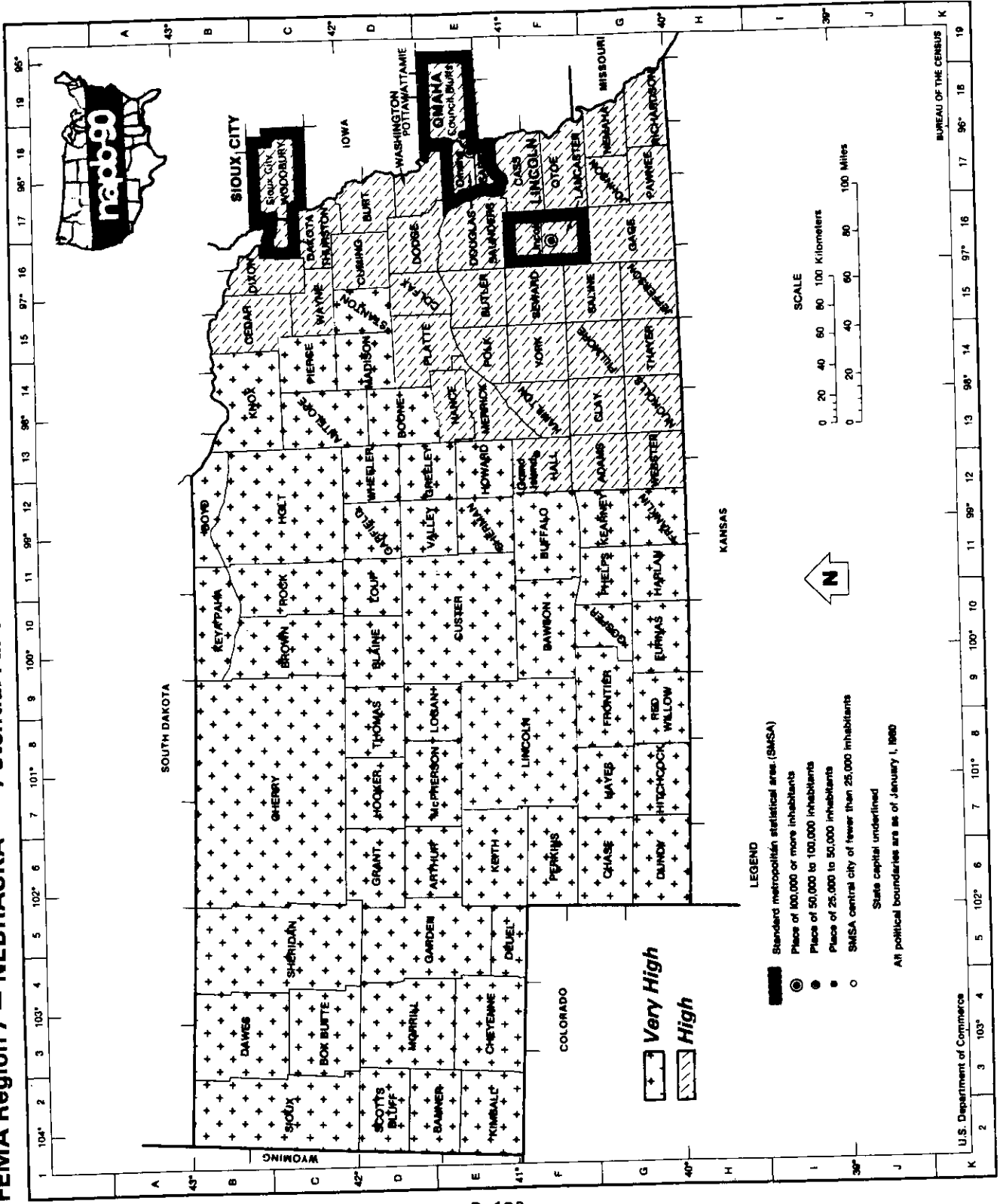
STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lewis	.....	.....	11 165	508				
Lincoln	24 138	627						
Linn	.....	.....	15 542	620				
Livingston	.....	.....	15 532	537				
McDonald	.....	.....	15 830	541				
Macon	.....	.....	17 010	797				
Madison	11 008	497						
Maries	7 896	528						
Marion	29 304	438						
Mercer	.....	.....	4 597	454				
Miller	20 308	593						
Mississippi	.....	.....	15 770	410				
Moniteau	.....	.....	12 906	417				
Monroe	9 699	670						
Montgomery	11 566	540						
Morgan	15 540	594						
New Madrid	22 345	658						
Newton	.....	.....	43 026	627				
Nodaway	.....	.....	22 573	875				
Oregon	10 036	792						
Osage	12 200	606						
Ozark	8 858	731						
Pemiscot	24 155	517						
Perry	.....	.....	17 125	473				
Pettis	35 726	686						
Phelps	35 514	674						
Pike	16 953	673						
Platte	.....	.....	49 863	421				
Polk	20 220	636						
Pulaski	44 051	550						

STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Putnam	.....	.....	5 858	520				
Ralls	9 076	481						
Randolph	26 165	477	21 878	568				
Ray	.....	.....				
Reynolds	7 162	808						
Ripley	12 767	632						
St Charles	166 248	558						
St Clair	8 667	698						
Ste Genevieve	15 238	504						
St Francois	43 670	451						
St Louis	990 381	505						
Saline	25 067	755	4 721	308				
Schuyler	.....	.....	5 278	439				
Scotland	.....	.....	40 428	423				
Scott	.....	.....				
Shannon	8 095	1 004	7 652	501				
Shelby	.....	.....				
Stoddard	28 536	818	17 337	451				
Stone	.....	.....	7 134	651				
Sullivan	.....	.....				
Taney	.....	.....	24 151	608				
Texas	21 640	1 108						
Vernon	19 850	837						
Warren	16 799	429						
Washington	18 661	762						
Wayne	11 804	763						
Webster	21 915	594	2 968	266				
Worth	.....	.....				
Wright	16 431	682						
St Louis (City)	423 409	61						
TOTAL STATE	3 339 896	43 945	1 628 662	24 631				

FEMA Region 7 — NEBRASKA — Potential Fallout



S T A T E O F N E B R A S K A - - F A L L O U T R I S K

Estimated 1985 Population: 1,614,811
Land Area: 76,639 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	.....	.....	31	141	564			
Antelope	8 726	859						
Arthur	475	710						
Banner	1 084	747						
Blaine	775	714						
Boone	7 343	687						
Box Butte	14 324	1 077						
Boyd	3 325	532						
Brown	4 287	1 214						
Buffalo	38 764	946						
Burt	.....	.....	8 741		486			
Butler	.....	.....	9 138		584			
Cass	.....	.....	21 808		557			
Cedar	.....	.....	11 255		740			
Chase	4 924	893						
Cherry	6 867	5 961						
Cheyenne	10 046	1 196						
Clay	.....	.....	7 815		574			
Colfax	.....	.....	9 545		410			
Cuming	.....	.....	11 447		575			
Custer	13 677	2 571						
Dakota	.....	.....	17 369		258			
Dawes	9 362	1 397						
Dawson	22 298	982						
Deuel	2 358	437						

STATE OF NEBRASKA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Dixon	.....	.....	6 864	474				
Dodge	.....	.....	35 764	534				
Douglas	.....	.....	413 626	333				
Dundy	2 894	920						
Fillmore	.....	.....	7 732	576				
Franklin	4 293	576						
Frontier	3 632	976						
Furnas	6 536	721						
Gage	.....	.....	23 940	858				
Garden	2 725	1 680						
Garfield	2 422	570						
Gosper	2 160	461						
Grant	878	775						
Greeley	3 320	570						
Hall	.....	.....	50 376	537				
Hamilton	.....	.....	9 232	542				
Harlan	4 288	555						
Hayes	1 316	714						
Hitchcock	3 965	709						
Holt	14 004	2 406						
Hooker	1 024	720						
Howard	6 707	564						
Jefferson	.....	.....	9 535	575				
Johnson	.....	.....	5 057	376				
Kearney	6 690	519						
Keith	9 138	1 039						
Keya Paha	1 237	769						
Kimball	4 967	952						
Knox	11 198	1 105						
Lancaster	.....	.....	205 512	839				

STATE OF NEBRASKA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lincoln	34 217	2 525						
Logan	969	571						
Loup	897	574						
McPherson	561	859						
Madison	32 468	575						
Merrick	.....	.....	8 628	478				
Morril	6 029	1 405						
Nance	.....	.....	4 594	439				
Nemaha	.....	.....	8 330	408				
Nuckolls	.....	.....	6 792	576				
Otoe	.....	.....	15 120	615				
Pawnee	.....	.....	3 695	432				
Perkins	3 813	885						
Phelps	10 198	540						
Pierce	8 514	575						
Platte	.....	.....	29 752	669				
Polk	.....	.....	5 973	437				
Red Willow	12 999	718						
Richardson	.....	.....	10 905	553				
Rock	2 456	1 003						
Saline	.....	.....	13 066	576				
Sarpy	.....	.....	95 470	238				
Saunders	.....	.....	18 574	753				
Scotts Bluff	38 419	725						
Seward	.....	.....	15 820	575				
Sheridan	7 807	2 453						
Sherman	3 972	564						
Sioux	1 738	2 069						
Stanton	6 437	431						
Thayer	.....	.....	7 463	575				

STATE OF NEBRASKA (Continued)

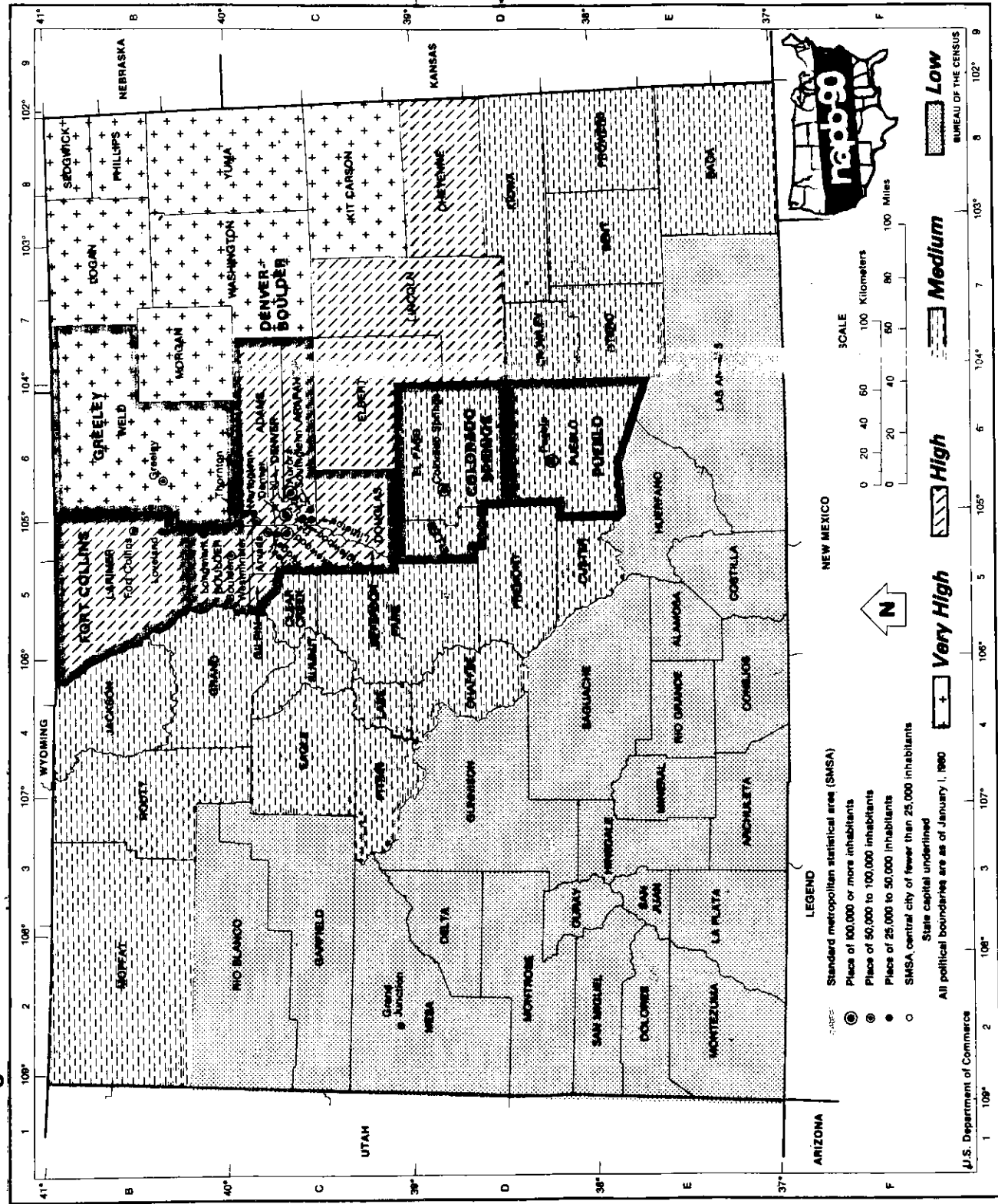
COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Thomas	965	714						
Thurston	7 194	391						
Valley	5 871	567						
Washington	.....	.....	15 464	386				
Wayne	.....	.....	9 801	443				
Webster	.....	.....	4 787	575				
Wheeler	1 101	575						
York	.....	.....	15 046	576				
TOTAL STATE	429 634	56 943	1 185 177	19 696	---	---	---	---

F E M A R E G I O N V I I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 7,709,731
 Land Area: 573,497 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Colorado	208 479	15 358	2 022 824	13 470	679 583	32 058	339 232	42 766
Montana	521 557	97 043	99 708	25 565	211 607	22 757	---	---
North Dakota	563 779	50 678	133 797	18 666	---	---	---	---
South Dakota	232 028	39 459	476 700	36 497	---	---	---	---
Utah	---	---	167 391	1 169	1 021 379	13 537	510 097	67 388
Wyoming	95 053	7 073	258 778	45 559	167 739	44 454	---	---
TOTAL REGION VIII	1 620 896	209 611	3 159 198	140 926	2 080 308	112 806	849 329	111 154

FEMA Region 8 — COLORADO — Potential Fallout



S T A T E O F C O L O R A D O - - F A L L O U T R I S K

Estimated 1985 Population: 3,250,118
 Land Area: 103,652 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	277 973	1 235					12 588	719
Alamosa								
Arapahoe	378 836	800						
Archuleta							5 798	1 353
Baca			5 133	2 554				
Bent			5 913	1 008				
Boulder	213 665	742						
Chaffee			12 793	1 008				
Chjeyenne	2 475	1 783						
Clear Creek							7 283	397
Conejos							8 148	1 285
Costilla							3 564	1 227
Crowley			3 282	790				
Custer			1 952	740				
Delta							24 615	1 141
Denver	507 548	111						
Dolores							1 792	1 064
Douglas	35 853	841						
Eagle			17 085	1 690				
Elbert	8 500	1 851						
El Paso			358 941	2 129				
Fremont			31 488	1 538				
Garfield							28 651	2 952
Gilpin	2 822	149						
Grand			9 077	1 854				

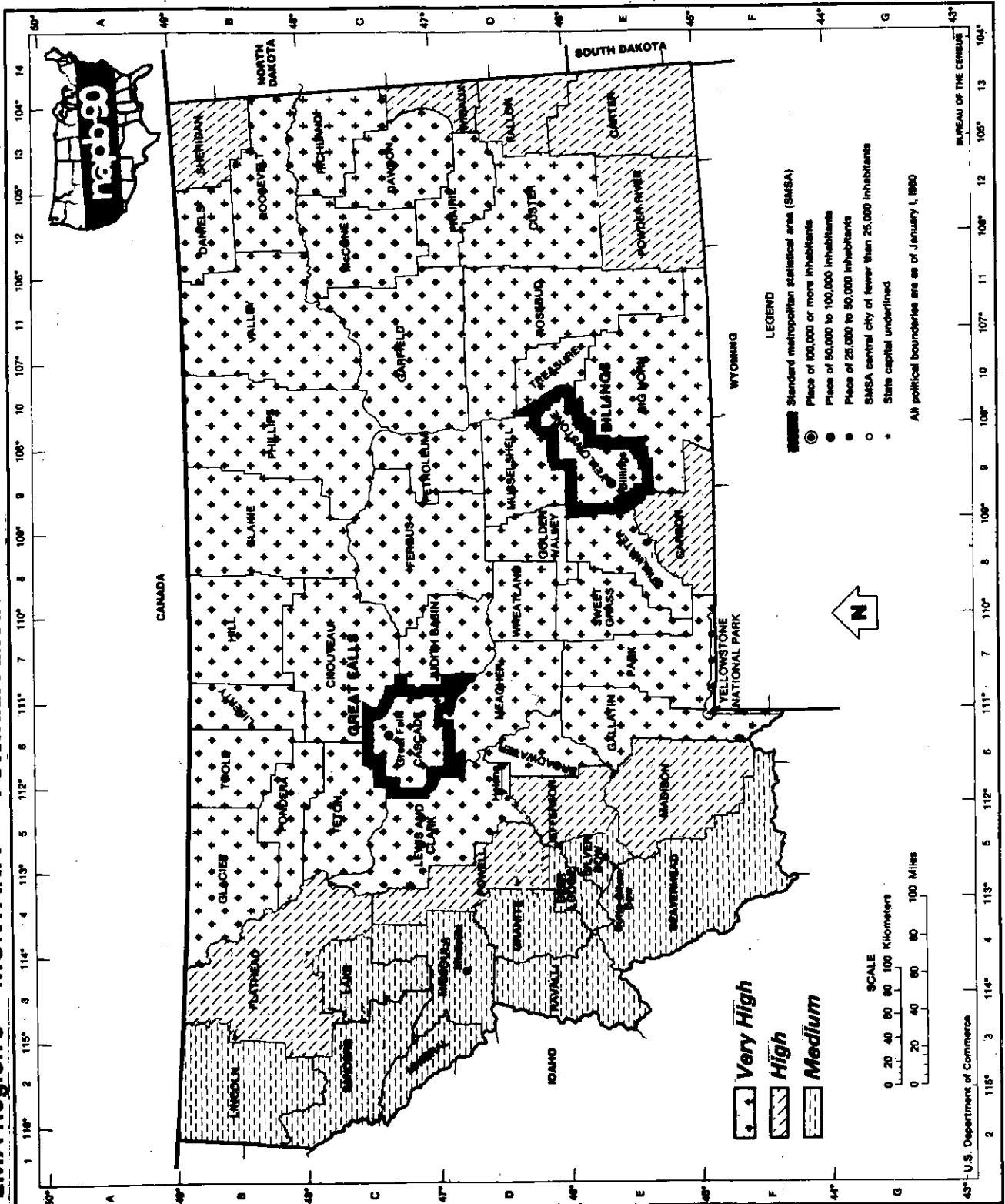
STATE OF COLORADO (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gunnison	10 471	3 238
Hinsdale	531	1 115
Huerfano	7 187	1 583
Jackson	1 732	1 615	.....	.....
Jefferson	420 750	1 615	.....	.....	.....	.....
Kiowa	1 947	1 758	.....	.....
Kit Carson	7 960	2 160	.....	.....	6 762	379	.....	.....
Lake
La Plata	31 744	1 692
Larimer	169 855	2 604	.....	.....	.....	.....
Las Animas	14 778	4 771
Lincoln	4 547	2 586	.....	.....	.....	.....
Logan	19 921	1 819	.....	.....	.....	.....	98 752	3 309
Mesa	808	877
Mineral
Moffat	15 593	4 732	.....	.....
Montezuma	20 001	2 083
Montrose	26 409	2 240
Morgan	23 440	1 276	.....	.....	.....	.....	.....	.....
Otero	22 191	1 247	.....	.....
Ouray	2 241	542
Park	7 201	2 192
Phillips	4 653	688	.....	.....	10 356	968	.....	.....
Pitkin	14 492	1 629	.....	.....
Prowers
Pueblo	124 546	2 377	6 960	3 222
Rio Blanco	11 468	913
Rio Grande
Routt	13 951	2 267	4 141	3 176
Saguache

STATE OF COLORADO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
San Juan							1 085	388
San Miguel							3 006	1 287
Sedgwick	3 187	540						
Summit					11 192	607		
Teller					11 157	559		
Washington	5 548	2 520						
Weld	133 779	3 990						
Yuma	9 991	2 365						
TOTAL STATE	208 479	15 358	2 022 824	13 470	679 583	32 058	339 232	42 766

FEMA Region 8 — MONTANA — Potential Fallout



118° 2 115° 3 114° 4 113° 5 112° 6 111° 7 110° 8 109° 9 108° 10 107° 11 106° 12 105° 13 104° 14

43° 44° 45° 46° 47° 48° 49° 50°

CANADA

NORTH DAKOTA

SOUTH DAKOTA

WYOMING

IDAHO

YELLOWSTONE NATIONAL PARK

WYOMING

WYOMING

S T A T E O F M O N T A N A - - F A L L O U T R I S K

Estimated 1985 Population: 832,872
 Land Area: 145,365 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Beaverhead	.....	.....	.....	.....	8 849	5 529		
Big Horn	11 639	4 983						
Blaine	7 056	4 259						
Broadwater	3 459	1 188						
Carbon	.....	.....	8 734	2 056				
Carter	.....	.....	1 751	3 342				
Cascade	82 077	2 699						
Chouteau	6 186	3 988						
Custer	13 535	3 776						
Daniels	2 758	1 427						
Dawson	12 939	2 347						
Deer Lodge	.....	.....	.....	.....	10 873	740		
Fallon	.....	.....	3 767	1 623				
Fergus	12 880	4 340						
Flathead	.....	.....	54 349	5 112				
Gallatin	48 749	2 510						
Garfield	1 704	4 491						
Glacier	11 450	2 995						
Golden Valley	1 114	1 172						
Granite	.....	.....	.....	.....	2 841	1 729		
Hill	18 678	2 897						
Jefferson	.....	.....	8 286	1 656				
Judith Basin	2 716	1 871						
Lake	.....	.....	.....	.....	20 728	1 493		
Lewis and Clark	46 434	3 461						

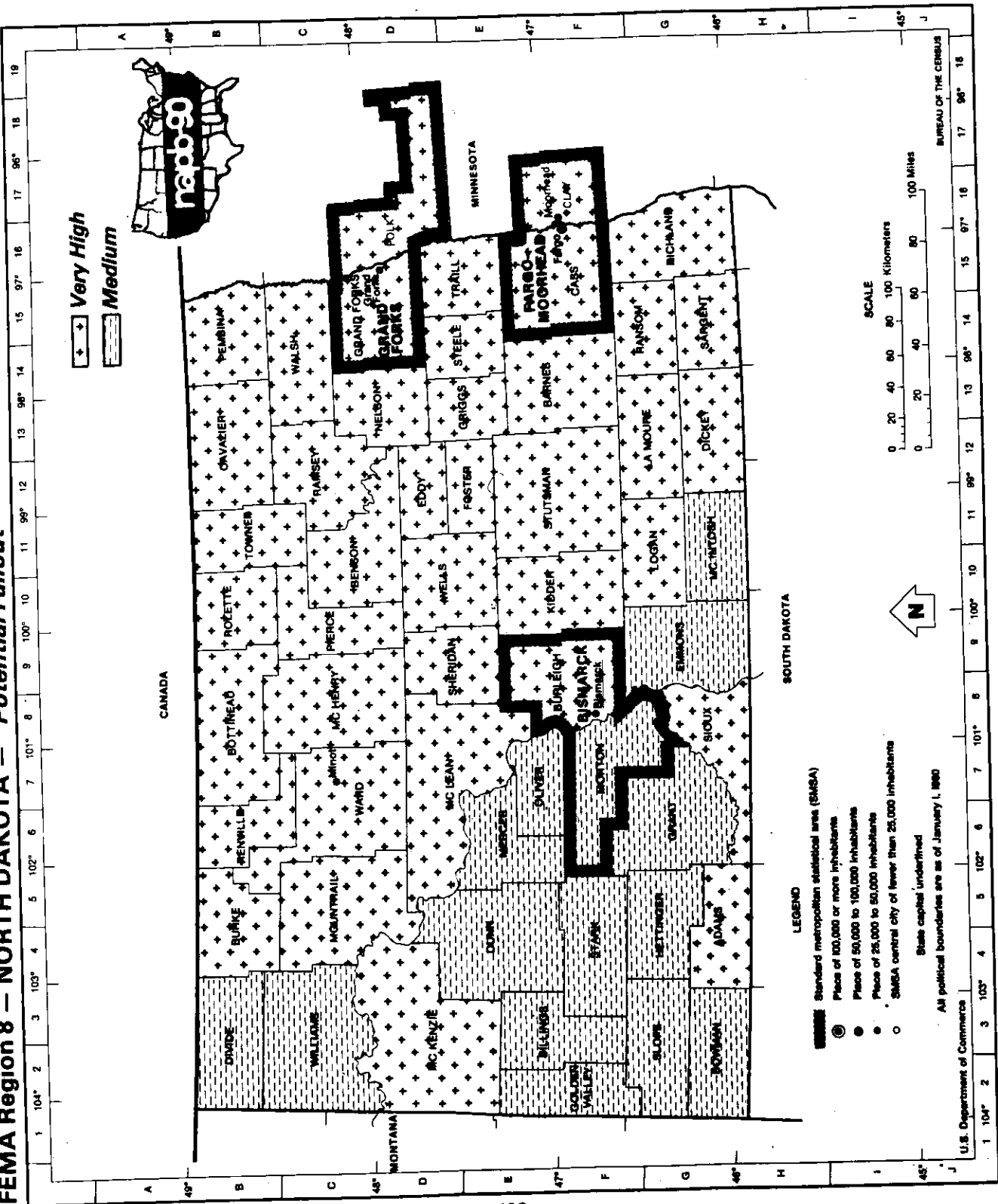
STATE OF MONTANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Liberty	2 597	1 427			18 885	3 616		
Lincoln								
McCone	2 703	2 626						
Madison			5 933	3 590				
Meagher	2 247	2 392						
Mineral					3 694	1 216		
Missoula					76 535	2 582		
Musselshell	4 373	2 665						
Park	13 373	2 665						
Petroleum	676	1 652						
Phillips	5 756	5 131						
Pondera	7 155	1 632						
Powder River			2 471	3 288				
Powell			6 849	2 329				
Prairie	1 873	1 732						
Ravalli					25 404	2 384		
Richland	14 890	2 081						
Roosevelt	11 848	2 357						
Rosebud	13 959	5 019			9 326	2 749		
Sanders								
Sheridan			6 072	1 681				
Silver Bow					34 471	719		
Stillwater	6 114	1 793						
Sweetgrass	3 321	1 856						
Teton	6 424	2 275						
Toole	5 784	1 931						
Treasure	1 019	975						
Valley	9 916	4 936						
Wheatland	2 291	1 419						
Wibaux			1 496	888				

STATE OF MONTANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Yellowstone	121 398	2 624	245				
Yellowstone National	66						
TOTAL STATE	521 557	97 043	99 708	25 565	22 757		

FEMA Region 8 — NORTH DAKOTA — Potential Fallout



+ **Very High**
+ **Medium**

LEGEND

- Standard metropolitan statistical areas (SMSA)
 - Place of 100,000 or more inhabitants
 - Place of 50,000 to 100,000 inhabitants
 - Place of 25,000 to 50,000 inhabitants
 - SMSA central city of fewer than 25,000 inhabitants
- State capital underlined
 All political boundaries are as of January 1, 1980



U.S. Department of Commerce

BUREAU OF THE CENSUS

S T A T E O F N O R T H D A K O T A - - F A L L O U T R I S K

Estimated 1985 Population: 697,576
Land Area: 69,344 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 600R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	3 494	988						
Barnes	13 666	1 498						
Benson	8 099	1 412						
Billings			1 332	1 152				
Bottineau	9 120	1 668						
Bowman			4 334	1 162				
Burke	3 655	1 118						
Burleigh	60 173	1 618						
Cass	97 117	1 767						
Cavalier	7 029	1 507						
Dickey	6 876	1 139						
Divide			3 200	1 288				
Dunn			5 380	1 993				
Eddy	3 230	634						
Emmons	5 692	1 499						
Foster	4 564	640						
Golden Valley			2 688	1 003				
Grand Forks	69 331	1 440						
Grant			4 147	1 660				
Griggs	3 631	780						
Hettinger			3 954	1 133				
Kidder	3 777	1 362						
La Moure	6 037	1 150						
Logan	3 203	1 000						
McHenry	7 432	1 887						

STATE OF NORTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
McIntosh	.....		4 406	984				
McKenzie	8 890	2 754						
McLean	13 042	2 065	16 279	1 044				
Mercer	.....		27 044	1 920				
Morton	.....						
Mountrail	8 188	1 837						
Nelson	4 946	991						
Oliver	.....		2 724	723				
Pembina	10 129	1 120						
Pierce	5 998	1 037						
Ramsey	13 031	1 241						
Ransom	6 452	862						
Renville	3 555	874						
Richland	20 230	1 436						
Rolette	13 300	914						
Sargent	5 186	858						
Sheridan	2 606	990						
Sioux	3 753	1 099						
Slope	.....		1 148	1 219				
Stark	.....		28 911	1 338				
Steele	2 896	714						
Stutsman	23 547	2 263						
Towner	4 752	1 036						
Trail	9 285	861						
Walsh	15 579	1 290						
Ward	65 495	2 041						
Wells	6 793	1 288						
Williams	.....		28 270	2 047				
TOTAL STATE	563 779	50 678	133 797	18 666				

S T A T E O F S O U T H D A K O T A - - F A L L O U T R I S K

Estimated 1985 Population: 708,728
Land Area: 75,956 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Aurora		3 435	707				
Beadle		18 136	1 259				
Bennett		3 313	1 181				
Bon Homme		7 814	552				
Brookings		25 165	795				
Brown		36 712	1 722				
Brule	5 408	815						
Buffalo	1 685	476						
Butte	8 125	2 251						
Campbell		2 274	732				
Charles Mix		9 719	1 090				
Clark		4 950	953				
Clay		13 647	408				
Codington		22 368	695				
Corson	5 243	2 467						
Custer		6 795	1 559				
Davison		17 806	436				
Day		7 893	1 022				
Deuel		5 203	631				
Dewey	5 487	2 310						
Douglas		3 894	434				
Edmunds		4 933	1 149				
Fall River		7 820	1 740				
Faulk		3 312	1 003				
Grant		9 582	681				

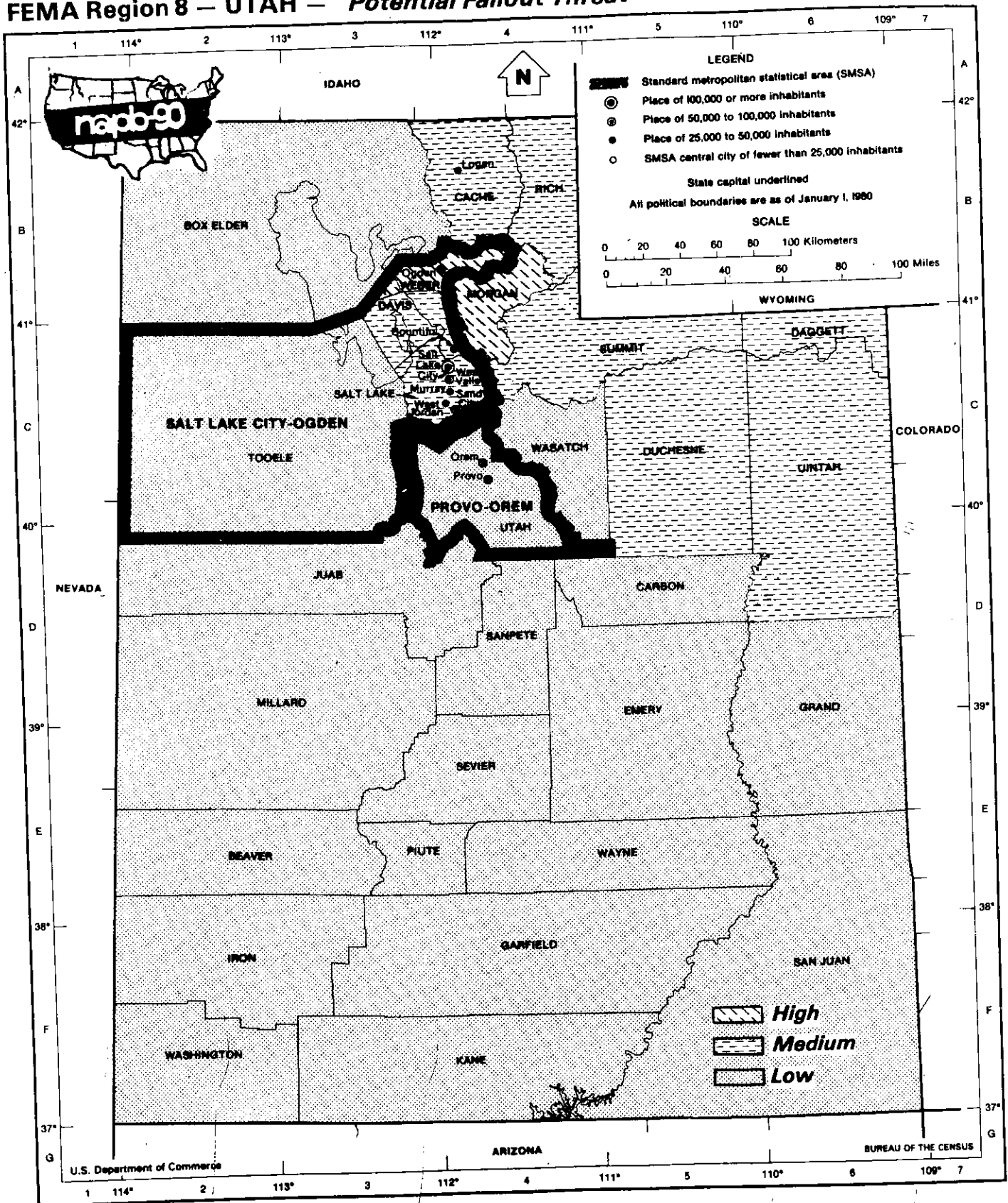
STATE OF SOUTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gregory	5 871	1 041						
Haakon	2 965	1 822						
Hamlin	.....	.....	5 251	512				
Hand	.....	.....	4 701	1 437				
Hanson	.....	.....	3 290	433				
Harding	.....	.....	1 889	2 678				
Hughes	14 830	757						
Hutchinson	.....	.....	9 045	816				
Hyde	1 909	860						
Jackson	3 266	1 872						
Jerauld	.....	.....	2 728	530				
Jones	1 500	971						
Kingsbury	.....	.....	6 493	824				
Lake	.....	.....	11 002	560				
Lawrence	19 380	800						
Lincoln	.....	.....	14 384	578				
Lyman	3 892	1 679						
McCook	.....	.....	6 234	576				
McPherson	.....	.....	3 766	1 148				
Marshall	5 209	848						
Meade	21 716	3 481						
Mellette	2 365	1 311						
Miner	.....	.....	3 482	570				
Minnehaha	.....	.....	120 296	810				
Moody	.....	.....	6 964	520				
Pennington	75 780	2 783						
Perkins	4 649	2 885						
Potter	3 715	869						
Roberts	11 063	1 102						
Sanborn	.....	.....	3 093	569				

STATE OF SOUTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Shannon	.....	.....	11 207	2 094				
Spink	.....	.....	9 081	1 505				
Stanley	2 451	1 432						
Sully	1 868	972						
Todd	7 256	1 388						
Tripp	7 188	1 618						
Turner	.....	.....	9 126	617				
Union	.....	.....	10 774	453				
Walworth	6 624	707						
Yankton	.....	.....	19 123	518				
Ziebach	2 493	1 969						
TOTAL STATE	232 028	39 459	476 700	36 497	---	---	---	---

FEMA Region 8 – UTAH – "Potential Fallout Threat"



S T A T E O F U T A H - - F A L L O U T R I S K

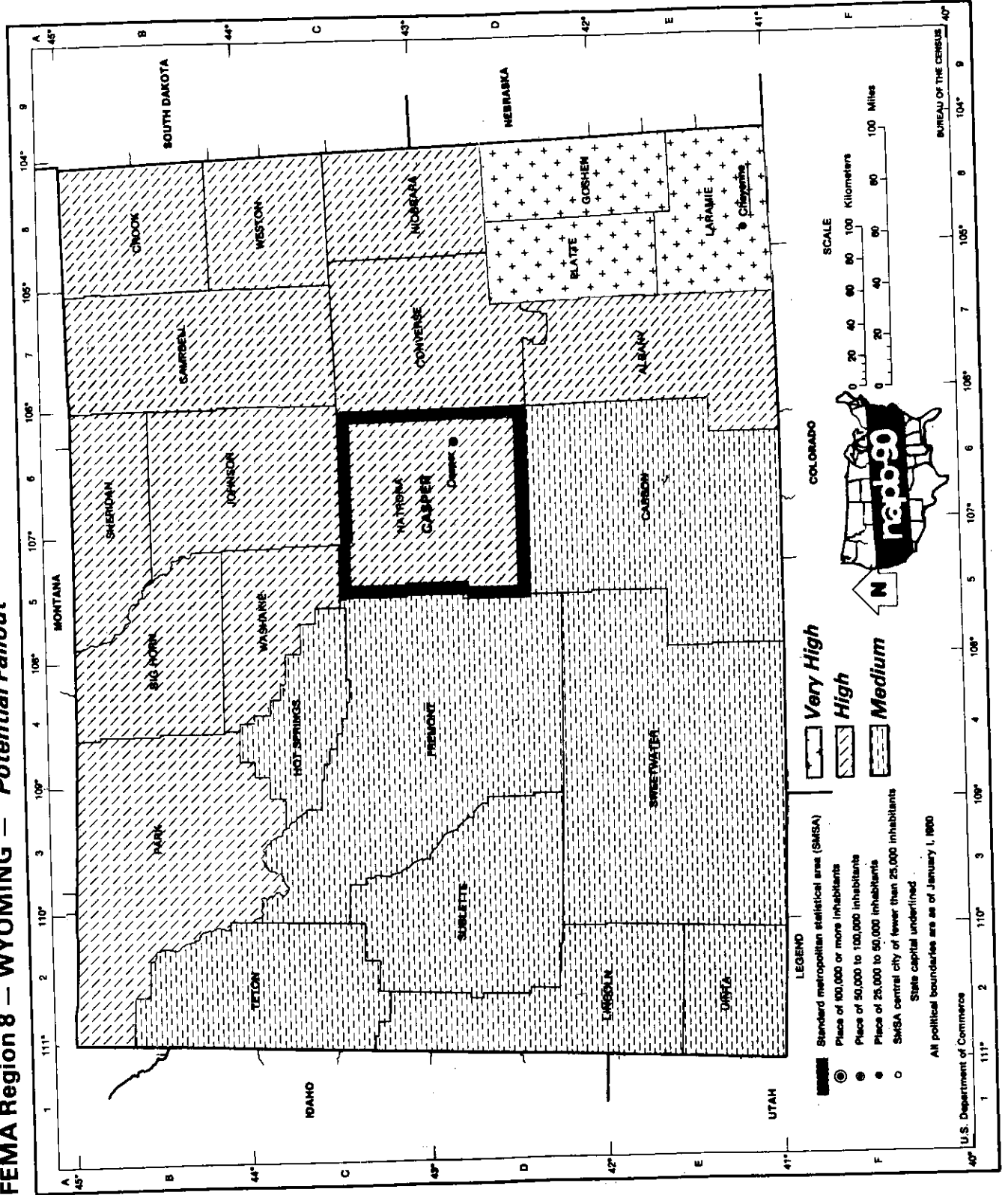
Estimated 1985 Population: 1,698,867
 Land Area: 82,094 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Beaver	5 280	2 586
Box Elder	37 769	5 614
Cache
Carbon	66 658	1 171	.....	.....	.....
Daggett	856	699	26 132	1 479
Davis	174 969	299	.....	.....
Duchesne	16 271	3 234	.....	.....
Emery	13 911	4 449
Garfield	4 319	4 449
Grand	7 957	3 689
Iron	20 357	3 302
Juab	6 274	3 396
Kane	4 509	3 898
Millard	13 762	6 818
Morgan	5 285	603	.....	.....	.....	.....
Piute	1 476	759
Rich	2 638	1 034	.....	.....
Salt Lake	716 909	756	.....	.....
San Juan	12 096	7 725
Sanpete	17 343	1 586
Sevier	16 360	1 910
Summit	13 230	1 865	.....	.....
Tooele	29 408	6 919
Uintah	29 848	4 479	.....	.....
Utah	246 181	2 018

STATE OF UTAH (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Wasatch	10 044	1 191
Washington	34 783	2 422
Wayne	2 136	2 461
Weber	162 106	566	.....	.....	.....	.....
TOTAL STATE	---	---	167 391	1 169	1 021 379	13 537	510 097	67 388

FEMA Region 8 — WYOMING — Potential Fallout



S T A T E O F W Y O M I N G - - F A L L O U T R I S K

Estimated 1985 Population: 521,570
 Land Area: 97,086 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Albany	30 328	4 286				
Big Horn	12 559	3 139				
Campbell	37 605	4 796				
Carbon	20 407	7 878		
Converse	15 207	4 271				
Crook	6 058	2 856				
Fremont	36 886	9 181		
Goshen	12 430	2 186	.....	.....		
Hot Springs	6 119	2 005		
Johnson	7 107	4 166				
Laramie	73 254	2 864	.....	.....	15 176	4 070		
Lincoln				
Natrona	75 746	5 247				
Niobara	3 358	2 685				
Park	25 213	6 936				
Platte	9 369	2 023	.....	.....		
Sheridan	27 466	2 532				
Sublette	5 572	4 871		
Sweetwater	45 791	10 352		
Teton	11 553	4 012		
Uinta	26 235	2 085		
Washakie	10 106	2 243				
Weston	8 025	2 402				
TOTAL STATE	95 053	7 073	258 778	45 559	167 739	44 454	---	---

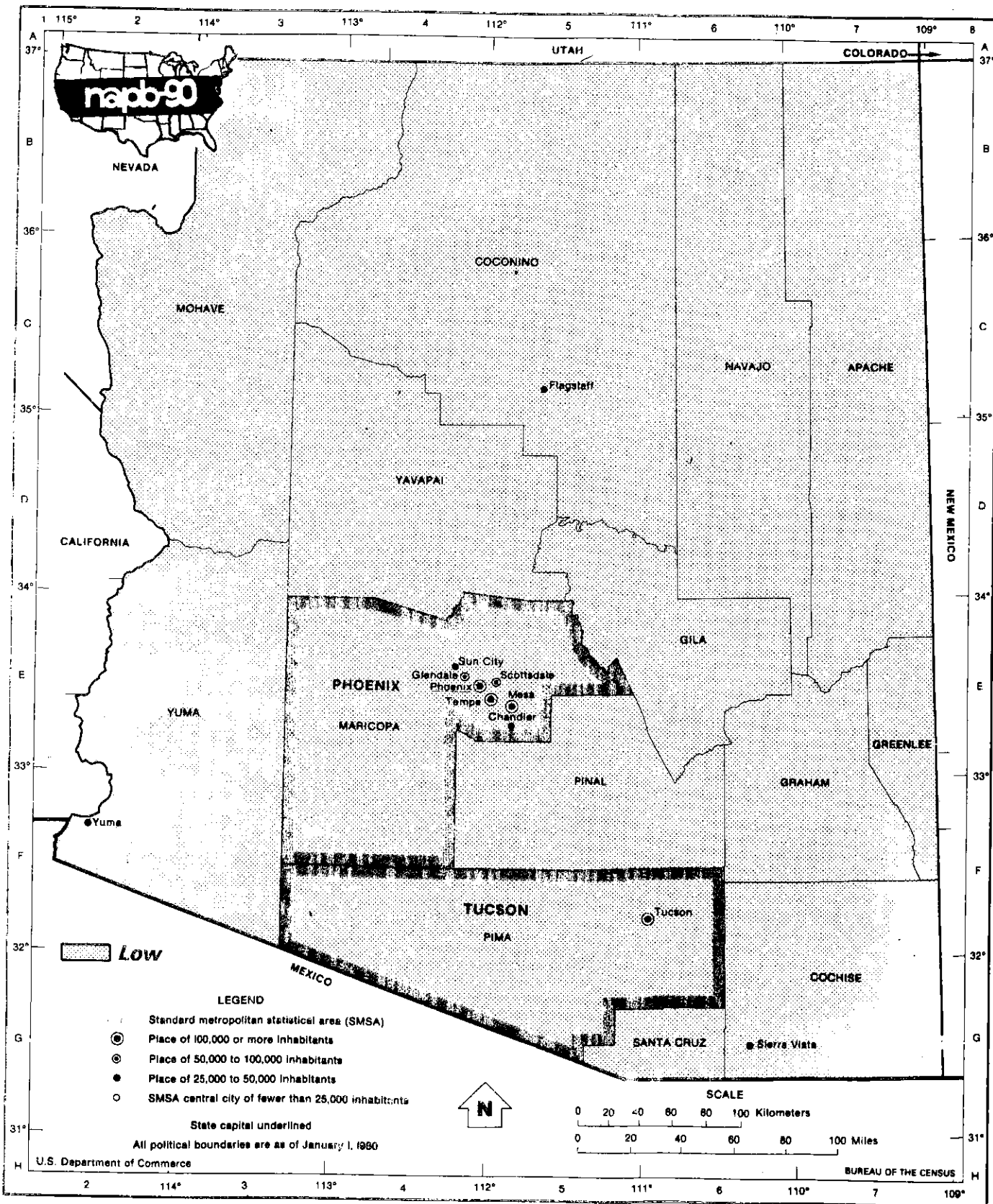
F E M A R E G I O N I X - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 31,504,342
 Land Area: 386,970 square miles

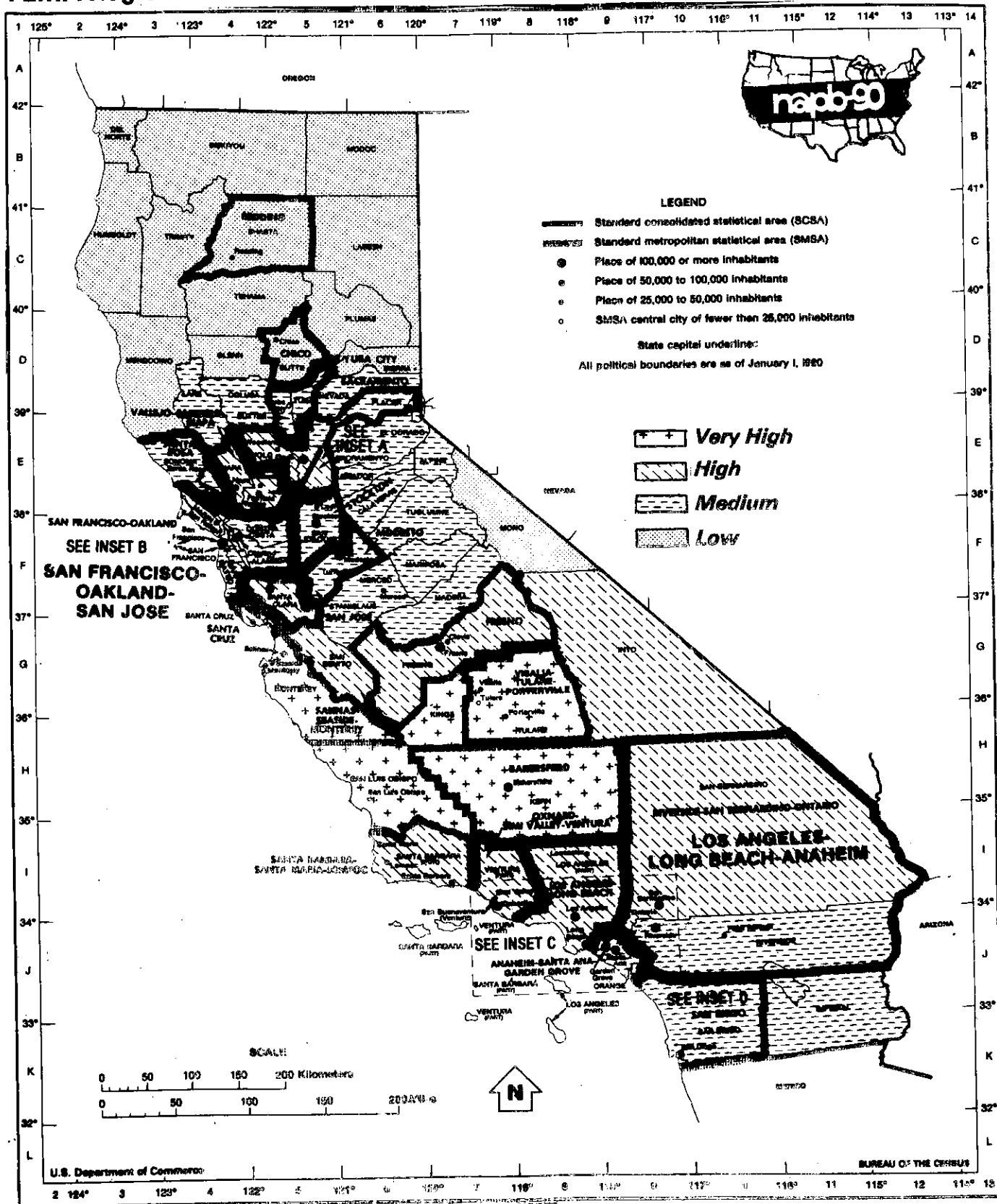
STATE	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 300R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Arizona	---	---	---	---	---	---	3 138 988	113 550
California	1 351 111	20 941	14 558 057	52 204	8 881 071	39 675	1 315 605	43 459
Hawaii	---	---	---	---	---	---	1 057 270	6 427
Nevada	---	---	---	---	611 497	32 602	326 694	77 293
American Samoa	---	---	---	---	---	---	35 000*	77
Guam	---	---	---	---	---	---	112 900	209
Trust Territory	---	---	---	---	---	---	116 149*	533
TOTAL REGION IX	1 351 111	20 941	14 558 057	52 204	9 492 568	72 277	6 102 606	241 548

* 1980 Census

FEMA Region 9 — ARIZONA — Potential Fallout



FEMA Region 9 – CALIFORNIA – Potential Fallout



STATE OF CALIFORNIA -- FALLOUT RISK

Estimated 1985 Population: 26,105,844
 Land Area: 156,279 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alameda	1 190 343	736	.....	.....
Alpine	1 141	739	.....	.....
Amador	22 813	589
Butte	162 165	1 646
Calaveras	26 876	1 021	.....	.....
Colusa	14 543	1 153	.....	.....
Contra Costa	708 382	730	.....	.....
Del Norte	18 370	1 007
El Dorado	102 112	1 715	.....	.....
Fresno	574 401	5 978	.....	.....	.....	.....
Glenn	22 999	1 319
Humboldt	112 294	3 579
Imperial	104 881	4 173	.....	.....
Inyo	18 372	10 223	.....	.....	.....	.....
Kern	477 128	8 130	.....	.....	.....	.....	.....	.....
Kings	83 706	1 392	.....	.....	.....	.....	.....	.....
Lake	47 940	1 262	.....	.....
Lassen	24 433	4 553
Los Angeles	8 006 962	4 070	.....	.....	.....	.....
Madera	76 585	2 145	.....	.....
Marin	224 538	523	.....	.....	.....	.....
Mariposa	13 230	1 456	.....	.....
Mendocino	72 881	3 512
Merced	159 970	1 944	.....	.....
Modoc	9 810	4 046

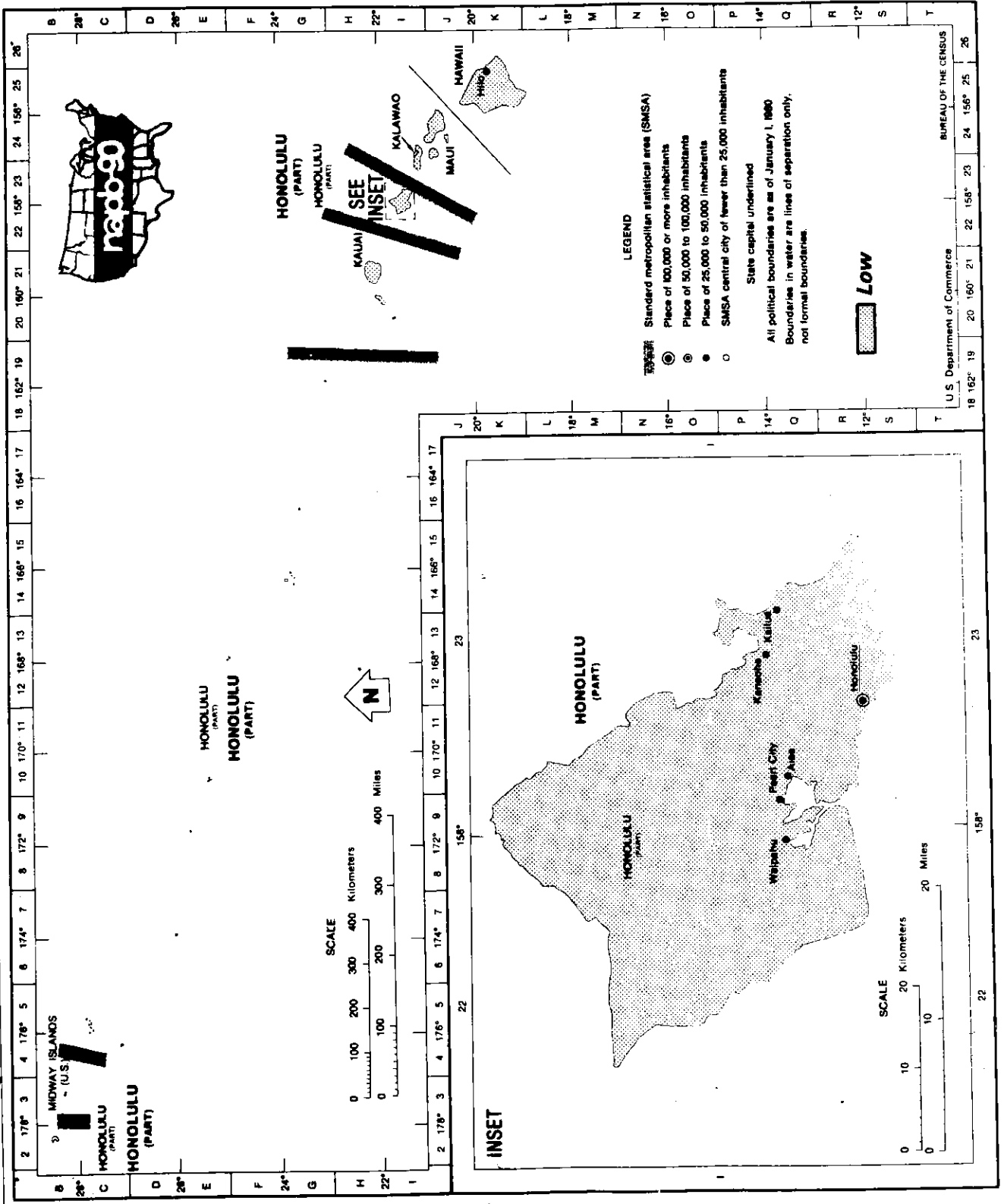
STATE OF CALIFORNIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Mono	9 243	3 019
Monterey	326 370	3 303	.....	.....	.....	.....	.....	.....
Napa	102 667	744	.....	.....	.....	.....
Nevada	68 276	960	.....	.....
Orange	2 111 396	798	.....	.....
Placer	137 111	1 416	.....	.....
Plumas	18 745	2 573
Riverside	805 521	7 214	.....	.....
Sacramento	887 649	971	.....	.....	.....	.....
San Benito	30 158	1 388	.....	.....	.....	.....
San Bernadino	1 068 239	20 064	.....	.....	.....	.....
San Diego	2 114 283	4 212	.....	.....
San Francisco	721 187	46	.....	.....	.....	.....
San Joaquin	411 407	1 415	.....	.....
San Luis Obispo	184 867	3 308	.....	.....	.....	.....	609 317	447
San Mateo
Santa Barbara	328 764	2 748	.....	.....	.....	.....
Santa Clara	1 390 579	1 293	.....	.....	.....	.....
Santa Cruz	210 206	446	.....	.....	129 180	3 786
Shasta
Sierra	3 403	959
Siskiyou	42 324	6 281
Soland	273 235	834	.....	.....	.....	.....
Sonoma	332 912	1 604	.....	.....
Stanislaus	303 105	1 506	.....	.....
Sutter	58 181	602	44 142	2 953
Tehama	13 486	3 190
Trinity
Tulare	279 040	4 808	.....	.....	.....	.....	.....	.....
Tuolumne	39 613	2 234	.....	.....

STATE OF CALIFORNIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Ventura	.....		598 564	1 862				
Yolo	.....		122 536	1 014				
Yuba	.....		.....	.....	53 263	640		
TOTAL STATE	1 351 111	20 941	14 558 057	52 204	8 881 071	39 675	1 315 605	43 459

FEMA Region 9 — HAWAII — Potential Fallout

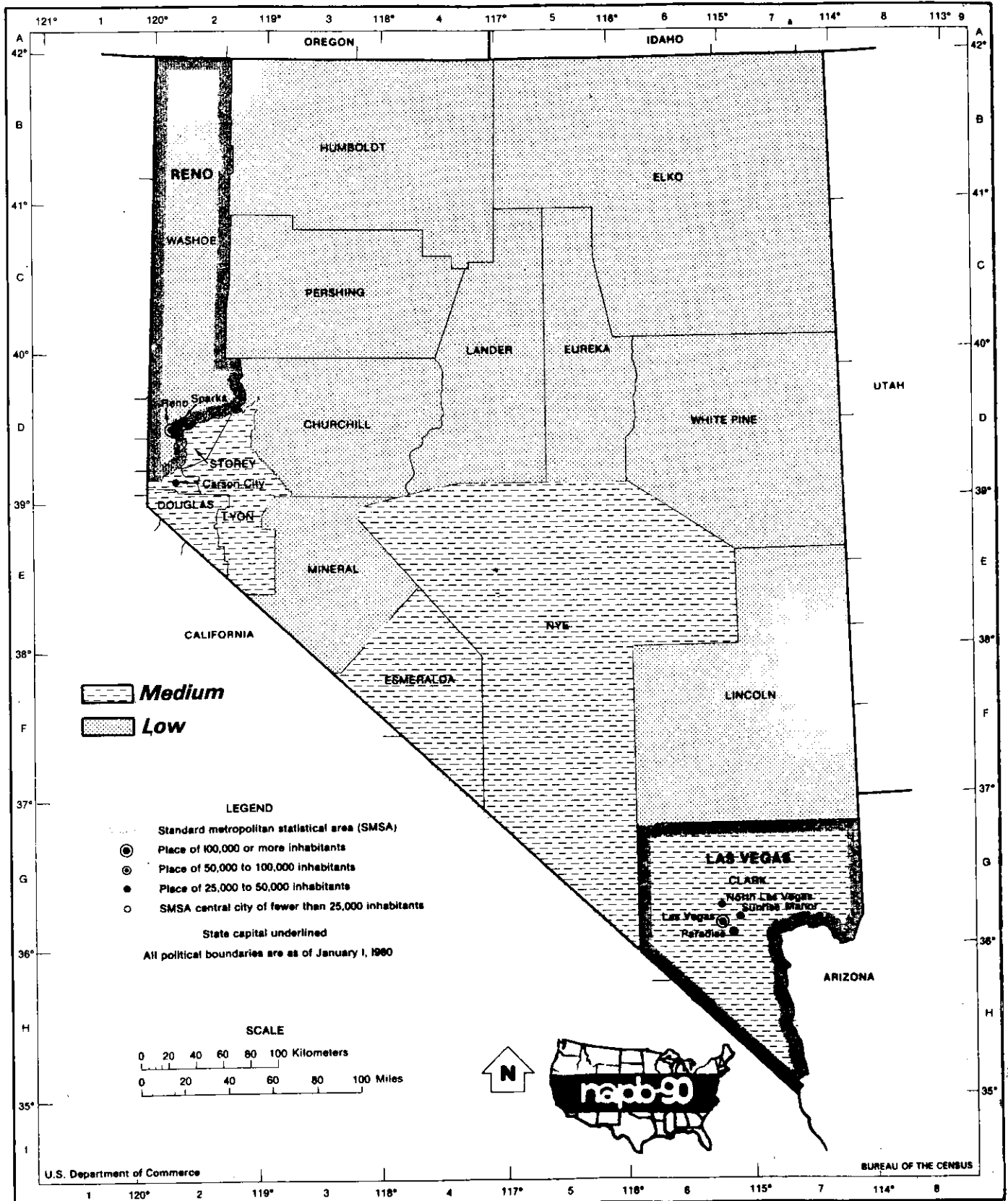


S T A T E O F H A W A I I - - F A L L O U T R I S K

Estimated 1985 Population: 1,057,270
 Land Area: 6,427 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Hawaii	109 953	4 034
Honolulu	815 900	597
Kalawaa	144	14
Kauai	45 191	620
Maui	86 082	1 162
TOTAL STATE	----	----	----	----	----	----	1 057 270	6 427

FEMA Region 9 — NEVADA — Potential Fallout



S T A T E O F N E V A D A - - F A L L O U T R I S K

Estimated 1985 Population: 938,191
Land Area: 109,895 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]			
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA		
Churchill	14 479	4 990		
Clark		
Douglas	554 764	7 881		
Elko	21 345	708		
Esmeralda	21 012	17 135		
Eureka	1 342	4 175		
Humboldt	11 285	9 698		
Lander	4 455	5 515		
Lincoln	3 493	10 635		
Lyon	16 208	2 007		
Mineral	5 961	3 744		
Nye	15 772	18 155		
Pershing	3 587	6 036		
Storey	1 877	264		
Washoe	215 966	6 317		
White Pine	8 231	8 902		
Carson City (Ind)	36 883	146		
TOTAL STATE	---	---	---	---	---	---	611 497	32 602	326 694	77 293

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - AMERICAN SOMOA - Potential Fallout

B-225

TERRITORY OF AMERICAN SAMOA - - FALLOUT RISK

Estimated 1980 Population: 35,000
 Land Area: 77 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION
Entire Territory	---	---	---	35 000
TOTAL TERRITORY	---	---	---	77

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - GUAM - Potential Fallout

B-227

TERRITORY OF GUAM - - FALLOUT RISK

Estimated 1985 Population: 112,900
 Land Area: 209 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Entire Territory		112 900	209
TOTAL TERRITORY	---	---	---	---	---	---	112 900	209

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - AMERICAN TRUST TERRITORY - Potential Fallout

B-229

U . S . T R U S T T E R R I T O R Y - - F A L L O U T R I S K

Estimated 1980 Population: 116,149
 Land Area: 533 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION	AREA
Entire Territory	-----	-----	-----	116 149	533
TOTAL Territory	---	---	---	116 149	533

F E M A R E G I O N X - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 8,634,750
 Land Area: 815,946 square miles

STATE	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ?GT 6000R LT 15000R] POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	LOW RISK [LT 3000R] POPULATION	AREA
Alaska	---	---	---	534 271	570 833
Idaho	---	58 634	526 307	429 340	35 093
Oregon	---	---	---	2 683 926	96 187
Washington	---	581 999	3 045 577	774 696	33 070
TOTAL REGION X	---	640 633	3 571 884	4 422 233	735 183

[MAP WILL BE FURNISHED SEPARATELY]

REGION X - ALASKA - Potential Fallout

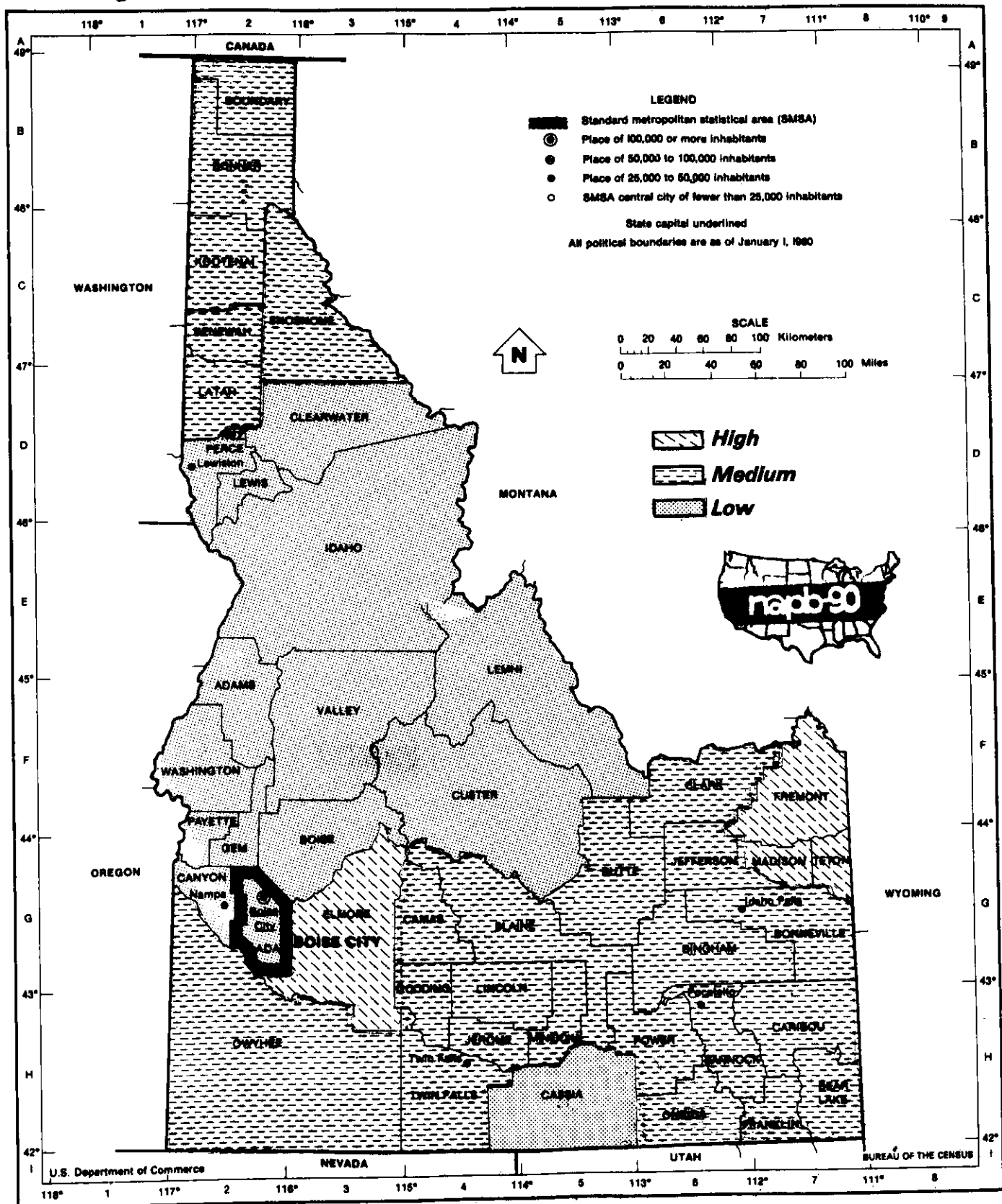
B-233

S T A T E O F A L A S K A - - F A L L O U T R I S K

Estimated 1985 Population: 534,271
Land Area: 570,833 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Aleutian Islands	7 066	10 890
Anchorage	239 699	1 732
Bethel	12 358	36 104
Bristol Bay	1 142	531
Dillingham	4 988	46 042
Fairbanks North	64 320	7 404
Haines	1 997	2 374
Juneau	24 835	2 626
Kenai Peninsula	43 080	16 056
Ketchikan Gateway	13 381	1 242
Kobuk	5 768	31 593
Kodiak Island	17 229	4 796
Matanuska-Susitn	32 533	24 502
Nome	7 758	23 871
North Slope	5 303	90 955
Prince of Wales	5 077	7 660
Sitka	7 344	2 938
Skagway-Yakutat	4 068	13 239
SE Fairbanks	6 428	24 169
Valdez-Cordova	8 583	39 229
Wade Hampton	5 725	17 816
Wrangell-Petersburg	6 396	5 965
Yukon-Koyukuk	9 193	159 099
TOTAL STATE	---	---	---	---	---	---	534 271	570 833

FEMA Region 10 – IDAHO – Potential Fallout



S T A T E O F I D A H O - - F A L L O U T R I S K

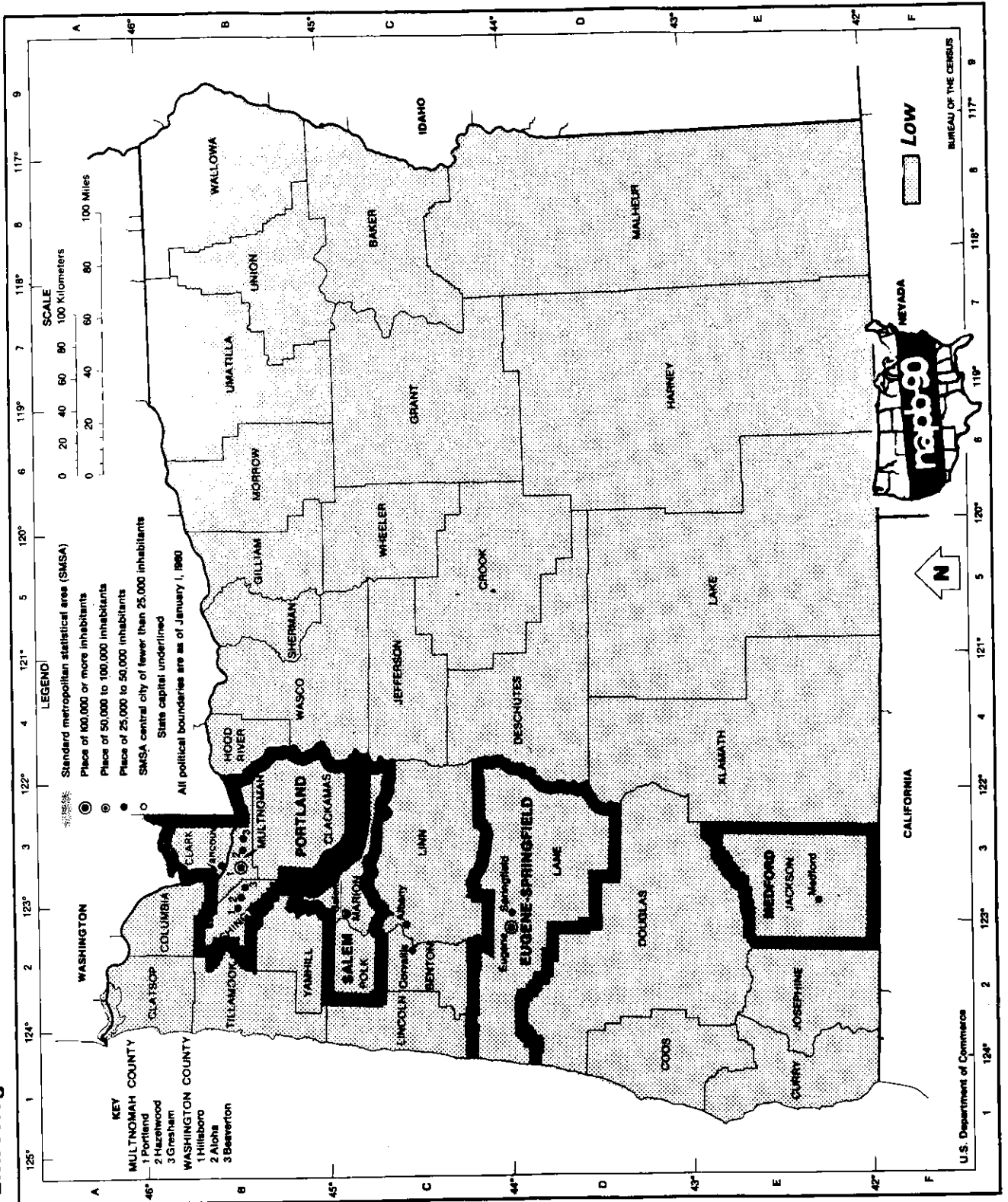
Estimated 1985 Population: 1,014,281
 Land Area: 82,414 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Ada	193 281	1 052
Adams	3 432	1 362
Bannock	69 355	1 112		
Bear Lake	7 181	990		
Benewah	8 678	784		
Bingham	38 633	2 096		
Blaine	13 418	2 635		
Boise	2 907	1 901
Bonner	26 862	1 727		
Bonneville	69 727	1 840		
Boundary		
Butte	7 620	1 268		
Camas	3 359	2 236		
Canyon	765	1 071		
Carlbou	8 673	1 763	88 722	584
Cassia	21 278	2 560
Clark	779	1 763		
Clearwater	10 291	2 236
Custer	6 866	4 927
Elmore	22 234	3 071	.....	.....
Franklin	9 856	664		
Fremont	10 996	1 852	.....	.....
Gem	11 460	558
Gooding	12 580	728		
Idaho	14 527	8 497

STATE OF IDAHO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Jefferson	16 569	1 093	.....	.....
Jerome	16 212	601	.....	.....
Kootenai	67 097	1 240	.....	.....
Latah	30 625	1 077	7 891	4 564
Lemhi
Lewis	3 922	478
Lincoln	3 756	1 205	.....	.....
Madison	22 102	468	.....	.....	.....	.....
Minidoka	21 531	758	.....	.....
Nez Perce	33 254	845
Oneida	3 539	1 200	.....	.....
Owyhee	8 839	7 643	.....	.....
Payette	15 937	405
Power	6 852	1 403	.....	.....
Shoshone	16 897	2 641	.....	.....
Teton	3 302	448	.....	.....	.....	.....
Twin Falls	56 904	1 944	7 000	3 670
Valley	8 572	1 454
Washington
TOTAL STATE	----	----	58 634	5 839	526 307	41 482	429 340	35 093

FEMA Region 10 — OREGON — Potential Fallout



S T A T E O F O R E G O N - - F A L L O U T R I S K

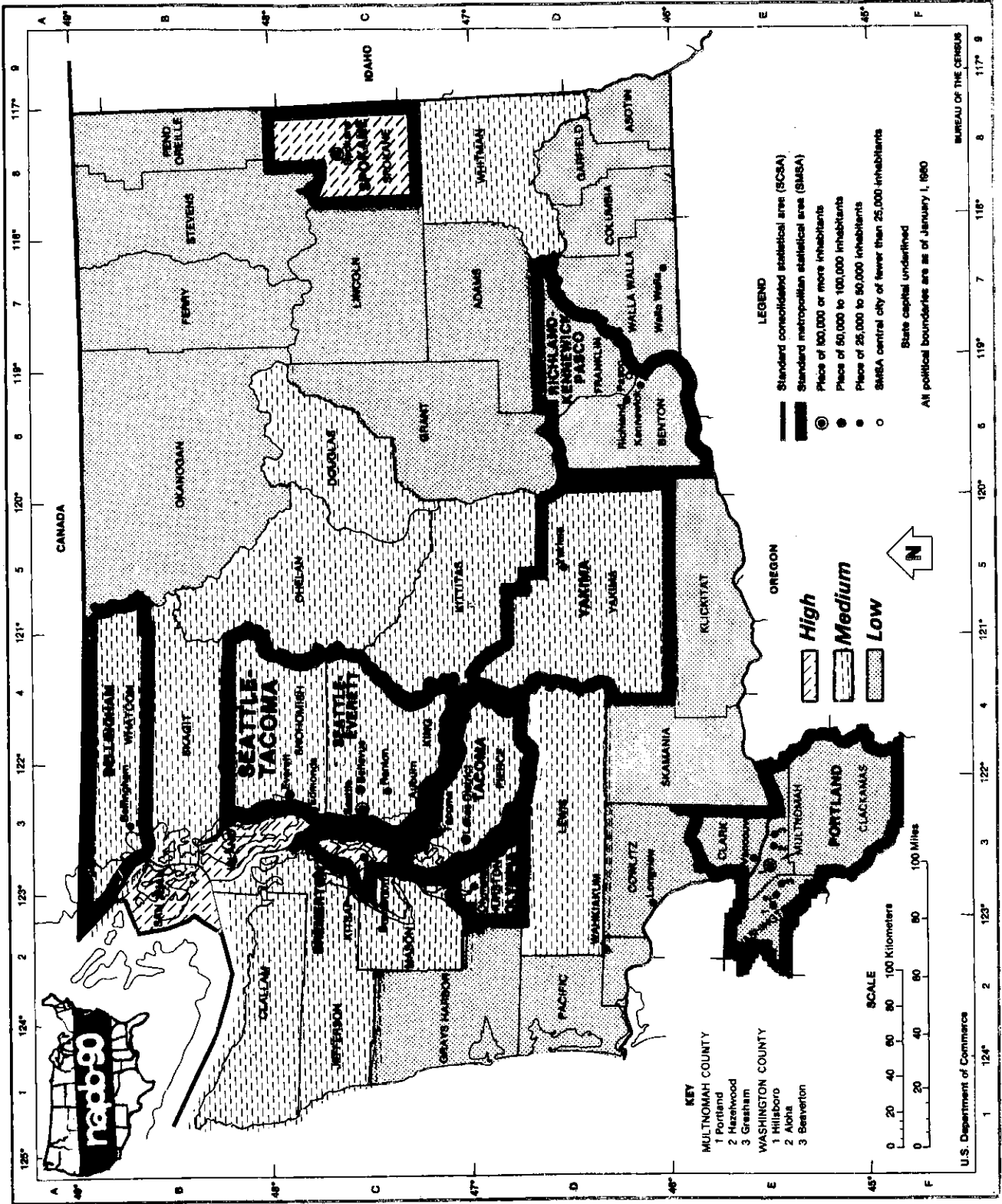
Estimated 1985 Population: 2,683,926
Land Area: 96,187 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Baker	16 399	3 072
Benton	65 950	679
Clackamas	255 328	1 870
Clatsop	32 360	805
Columbia	37 060	651
Coos	60 458	1 606
Crook	13 003	2 984
Curry	16 878	1 629
Deschutes	65 782	3 025
Douglas	91 809	5 044
Gilliam	1 883	1 213
Grant	8 231	4 525
Harney	6 989	10 174
Hood River	16 536	521
Jackson	136 961	2 787
Jefferson	12 797	1 789
Josephine	64 672	1 640
Klamath	58 300	5 954
Lake	7 880	8 251
Lane	264 127	4 562
Lincoln	37 132	980
Linn	90 056	2 296
Malheur	29 073	9 861
Marion	211 140	1 184
Morrow	7 813	2 044

STATE OF OREGON (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION	AREA	AREA	AREA	AREA
Multnomah	561 570	.....	.....	.....	431
Polk	45 358	.....	.....	.....	741
Sherman	2 294	.....	.....	.....	827
Tillamook	21 679	.....	.....	.....	1 101
Umatilla	60 893	.....	.....	.....	3 217
Union	24 745	.....	.....	.....	2 036
Wallowa	7 595	.....	.....	.....	3 150
Wasco	22 521	.....	.....	.....	2 385
Washington	268 875	.....	.....	.....	725
Wheeler	1 489	.....	.....	.....	1 713
Yamhill	58 290	.....	.....	.....	715
TOTAL STATE	---	---	---	2 683 926	---	---	---	96 187

FEMA Region 10 — WASHINGTON — Potential Fallout



S T A T E O F W A S H I N G T O N - - F A L L O U T R I S K

Estimated 1985 Population: 4,402,272
Land Area: 66,512 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	13 664	1 922
Asotin	17 309	635
Benton	113 359	1 715
Chelan	49 587	2 915		
Clallam	52 381	1 753		
Clark	207 459	627
Columbia	4 031	864
Cowlitz	79 164	1 139
Douglas	24 068	1 817		
Ferry	6 023	2 200
Franklin	36 914	1 243
Garfield	2 567	706
Grant	52 678	2 660
Grays Harbor	64 224	1 918
Island	48 374	212	.....	.....	.....
Jefferson	17 748	1 805		
King	1 337 360	2 128		
Kitsap	169 172	393	.....	.....	.....
Kittitas	25 016	2 308		
Klickitat	16 603	1 880
Lewis	57 735	2 409		
Lincoln	9 627	2 310
Mason	35 586	961		
Okanogan	33 037	5 281
Pacific	17 922	908

STATE OF WASHINGTON (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Pend Oreille	8 902	1 400
Pierce	523 288	1 675		
San Juan	8 901	179				
Skagit	70 097	1 735		
Skamania	7 467	1 672
Snohomish	375 615	2 098		
Spokane	355 552	1 764			31 565	2 468
Stevens		
Thurston	141 832	727		
Wahkiakum	3 681	261
Walla Walla	48 500	1 261
Whatcom	113 087	2 125		
Whitman	41 031	2 151		
Yakima	181 146	4 287		
TOTAL STATE	---	---	581 999	2 548	3 045 577	30 894	774 696	33 070