

Electronic Supplement to

Paleoseismic Targets, Seismic Hazard, and Urban Areas in the Central and Eastern United States

by **Russell L. Wheeler**

The supplement expands on the material in the last two columns of Table 1. Table 1 lists the total population of all Metropolitan Statistical Areas (MSAs) near a feature, such as the Anna seismic zone, but to conserve space the table names only the single largest of the nearby MSAs. The supplement lists all the nearby MSAs with their populations. This material is supplied in two forms: as a PDF file for ease of reading, and as a comma-delimited ASCII file to import into a spreadsheet for sorting or other manipulation. The ASCII file includes the body of the table but not this explanation or the table header. In the ASCII file, "Total" at the end of each feature's population data is changed to "zTotal" so that line will always sort into its proper place.

Table A
MSA Names and Populations near each Feature
(Capitals identify MSAs within the Boston-Washington urban corridor. "B" in the second column provides the same information to aid sorting by a spreadsheet)

Feature	B	MSA near feature	2005 MSA Population
Anna seismic zone		Anderson, IN	130,412
		Cincinnati-Middletown, OH-KY-IN	2,070,441
		Columbus, OH	1,708,625
		Dayton, OH	843,577
		Fort Wayne, IN	404,414
		Lima, OH	106,234
		Mansfield, OH	127,949
		Muncie, IN	116,362
		Springfield, OH	142,376
		Toledo, OH	656,697
		Total	6,307,087
Anton escarpment		Denver-Aurora, CO	2,359,994
		Greeley, CO	228,943
		Total	2,588,937
Barerra fault		El Paso, TX	721,598
		Odessa, TX	125,339
		Total	846,937
Belair fault zone		Anderson, SC	175,514
		Athens-Clarke County, GA	175,085
		Atlanta-Sandy Springs-Marietta, GA	4,917,717
		Augusta-Richmond County, GA-SC	520,332

Feature	B	MSA near feature	2005 MSA Population
		Charleston-North Charleston, SC	594,899
		Columbia, SC	689,878
		Greenville, SC	591,251
		Macon, GA	228,712
		Savannah, GA	313,884
		Spartanburg, SC	266,809
		Total	8,474,081
Brockton-Froid fault zone		none	0
		Total	0
Cacoosing Valley earthquake	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BALTIMORE-TOWSON, MD	2,655,675
	B	DOVER, DE	143,968
	B	HARRISBURG-CARLISLE, PA	521,812
	B	LANCASTER, PA	490,562
	B	LEBANON, PA	125,578
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,320
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,233
	B	READING, PA	396,314
		Scranton--Wilkes-Barre, PA	550,549
		State College, PA	140,561
	B	TRENTON-EWING, NJ	366,256
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,252
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,666
		Williamsport, PA	118,395
	B	YORK-HANOVER, PA	408,801
		Total	36,918,492
Cape Fear arch		Augusta-Richmond County, GA-SC	520,332
		Burlington, NC	140,533
		Charleston-North Charleston, SC	594,899
		Charlotte-Gastonia-Concord, NC-SC	1,521,278
		Columbia, SC	689,878
		Durham, NC	456,187

Feature	B	MSA near feature	2005 MSA Population
		Fayetteville, NC	345,536
		Florence, SC	198,443
		Goldsboro, NC	114,448
		Greensboro-High Point, NC	674,500
		Greenville, NC	162,596
		Greenville, SC	591,252
		Hickory-Lenoir-Morganton, NC	355,654
		Jacksonville, NC	152,440
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,992
		Raleigh-Cary, NC	949,681
		Rocky Mount, NC	145,507
		Spartanburg, SC	266,810
		Sumter, SC	105,517
		Wilmington, NC	315,144
		Winston-Salem, NC	448,629
		Total	8,976,256
Carlsbad fault		Odessa, TX	125,340
		Total	125,340
Catlin Lake-Goodnow Pond lineament		Albany-Schenectady-Troy, NY	848,879
		Burlington-South Burlington, VT	205,230
		Glens Falls, NY	128,572
		Syracuse, NY	651,763
		Utica-Rome, NY	297,885
		Total	2,132,329
Central Virginia seismic zone	B	BALTIMORE-TOWSON, MD	2,655,675
		Charlottesville, VA	188,424
		Danville, VA	107,997
		Durham, NC	456,188
		Harrisonburg, VA	111,689
		Lynchburg, VA	236,910
		Richmond, VA	1,175,654
		Roanoke, VA	292,983
		Rocky Mount, NC	145,508
	B	SALISBURY, MD	116,247
		Virginia Beach-Norfolk-Newport News, VA-NC	1,647,346
	B	WASHINGTON-ARLINGTON-	5,214,667

Feature	B	MSA near feature	2005 MSA Population
		ALEXANDRIA, DC-VA-MD-WV	
	B	WINCHESTER, VA-WV	116,267
		Total	12,465,555
Champlain lowlands normal faults		Albany-Schenectady-Troy, NY	848,879
		Burlington-South Burlington, VT	205,230
		Glens Falls, NY	128,573
	B	MANCHESTER-NASHUA, NH	401,291
	B	PITTSFIELD, MA	131,868
	B	SPRINGFIELD, MA	687,264
		Utica-Rome, NY	297,886
		Total	2,700,991
Cheraw fault		Colorado Springs, CO	587,500
		Denver-Aurora, CO	2,359,995
		Pueblo, CO	151,322
		Total	3,098,817
Clarendon-Linden fault zone		Buffalo-Niagara Falls, NY	1,147,711
		Elmira, NY	89,512
		Erie, PA	280,446
		Ithaca, NY	100,018
		Rochester, NY	1,039,028
		State College, PA	140,563
		Syracuse, NY	651,764
		Williamsport, PA	118,396
		Total	3,567,438
Cooke fault		Augusta-Richmond County, GA-SC	520,332
		Charleston-North Charleston, SC	594,899
		Columbia, SC	689,878
		Florence, SC	198,444
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,993
		Savannah, GA	313,885
		Sumter, SC	105,518
		Total	2,649,949
Cornwall-Massena earthquake		Burlington-South Burlington, VT	205,230
		Utica-Rome, NY	297,887

Feature	B	MSA near feature	2005 MSA Population
		Total	503,117
Criner fault		Dallas-Fort Worth-Arlington, TX	5,819,475
		Lawton, OK	112,429
		Oklahoma City, OK	1,156,812
		Sherman-Denison, TX	116,834
		Wichita Falls, TX	146,276
		Total	7,351,826
Crooked Creek fault		none	0
		Total	0
Dobbs Ferry fault zone	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,241
	B	KINGSTON, NY	182,693
	B	NEW HAVEN-MILFORD, CT	846,766
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,321
	B	NORWICH-NEW LONDON, CT	266,618
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,234
	B	PITTSFIELD, MA	131,869
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,742
		Scranton--Wilkes-Barre, PA	550,546
	B	TRENTON-EWING, NJ	366,257
		Total	30,464,597
East Border fault		Albany-Schenectady-Troy, NY	848,879
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
		Burlington-South Burlington, VT	205,230
		Glens Falls, NY	128,574
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,242
	B	KINGSTON, NY	182,694
	B	MANCHESTER-NASHUA, NH	401,292

Feature	B	MSA near feature	2005 MSA Population
	B	NEW HAVEN-MILFORD, CT	846,767
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,322
	B	NORWICH-NEW LONDON, CT	266,619
	B	PITTSFIELD, MA	131,870
	B	PORTLAND-SOUTH PORTLAND-BIDDEFORD, ME	514,227
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,743
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,520
	B	SPRINGFIELD, MA	687,265
	B	WORCESTER, MA	783,262
		Total	32,537,116
East Coast fault system		Augusta-Richmond County, GA-SC	520,332
		Brunswick, GA	98,433
		Burlington, NC	140,533
		Charleston-North Charleston, SC	594,899
		Charlotte-Gastonia-Concord, NC-SC	1,521,278
		Charlottesville, VA	188,424
		Columbia, SC	689,878
		Danville, VA	107,998
		Durham, NC	456,189
		Fayetteville, NC	345,537
		Florence, SC	198,445
		Goldsboro, NC	114,449
		Greensboro-High Point, NC	674,501
		Greenville, NC	162,597
		Hinesville-Fort Stewart, GA	68,627
		Jacksonville, NC	152,441
		Lynchburg, VA	236,911
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,994
		Raleigh-Cary, NC	949,686
		Richmond, VA	1,175,655
		Rocky Mount, NC	145,509
	B	SALISBURY, MD	116,248
		Savannah, GA	313,886
		Sumter, SC	105,519
		Virginia Beach-Norfolk-Newport	1,647,347

Feature	B	MSA near feature	2005 MSA Population
		News, VA-NC	
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,668
		Wilmington, NC	315,145
		Total	16,482,129
Eastern Arkansas liquefaction features		Jonesboro, AR	112,084
		Little Rock-North Little Rock, AR	643,272
		Memphis, TN-MS-AR	1,260,905
		Pine Bluff, AR	104,865
		Total	2,121,126
Eastern Tennessee seismic zone		Anniston-Oxford, AL	112,141
		Asheville, NC	392,831
		Athens-Clarke County, GA	175,085
		Atlanta-Sandy Springs-Marietta, GA	4,917,717
		Birmingham-Hoover, AL	1,090,126
		Chattanooga, TN-GA	492,126
		Cleveland, TN	108,036
		Dalton, GA	131,701
		Decatur, AL	148,345
		Florence-Muscle Shoals, AL	142,351
		Gadsden, AL	103,189
		Gainesville, GA	165,771
		Greenville, SC	591,253
		Hickory-Lenoir-Morganton, NC	355,655
		Huntsville, AL	368,661
		Johnson City, TN	188,944
		Kingsport-Bristol-Bristol, TN-VA	301,294
		Knoxville, TN	655,400
		Morristown, TN	130,575
		Nashville-Davidson--Murfreesboro, TN	1,422,544
		Rome, GA	94,198
		Total	12,087,943
Everona fault-Mountain Run fault zone	B	BALTIMORE-TOWSON, MD	2,655,675
		Charlottesville, VA	188,424

Feature	B	MSA near feature	2005 MSA Population
		Danville, VA	107,999
	B	HAGERSTOWN-MARTINSBURG, MD-WV	251,311
		Harrisonburg, VA	111,690
		Lynchburg, VA	236,912
		Richmond, VA	1,175,656
		Roanoke, VA	292,984
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,669
	B	WINCHESTER, VA-WV	116,268
		Total	10,351,588
Fall lines of Weems		Altoona, PA	126,795
		Anderson, SC	175,514
		Asheville, NC	392,831
		Athens-Clarke County, GA	175,085
		Atlanta-Sandy Springs-Marietta, GA	4,917,717
	B	BALTIMORE-TOWSON, MD	2,655,675
		Blacksburg-Christiansburg-Radford, VA	151,057
		Burlington, NC	140,533
		Charleston, WV	306,435
		Charlotte-Gastonia-Concord, NC-SC	1,521,278
		Charlottesville, VA	188,424
		Chattanooga, TN-GA	492,126
		Cleveland, TN	108,036
		Columbia, SC	689,878
		Dalton, GA	131,702
		Danville, VA	108,000
	B	DOVER, DE	143,969
		Durham, NC	456,190
		Fayetteville, NC	345,538
		Florence, SC	198,446
		Goldsboro, NC	114,450
		Greensboro-High Point, NC	674,502
		Greenville, NC	162,598
		Greenville, SC	591,254
	B	HAGERSTOWN-MARTINSBURG, MD-WV	251,312
	B	HARRISBURG-CARLISLE, PA	521,813
		Harrisonburg, VA	111,691

Feature	B	MSA near feature	2005 MSA Population
		Hickory-Lenoir-Morganton, NC	355,656
		Jacksonville, NC	152,442
		Johnson City, TN	188,945
		Kingsport-Bristol-Bristol, TN-VA	301,295
		Knoxville, TN	655,401
	B	LANCASTER, PA	490,563
		Lynchburg, VA	236,913
		Morgantown, WV	114,501
		Morristown, TN	130,576
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,995
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,242
		Raleigh-Cary, NC	949,682
		Richmond, VA	1,175,657
		Roanoke, VA	292,985
		Rocky Mount, NC	145,510
		Rome, GA	94,199
	B	SALISBURY, MD	116,249
		Spartanburg, SC	266,811
		Sumter, SC	105,520
		Virginia Beach-Norfolk-Newport News, VA-NC	1,647,348
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,670
		Wilmington, NC	315,146
	B	WINCHESTER, VA-WV	116,269
		Winston-Salem, NC	448,630
	B	YORK-HANOVER, PA	408,802
		Total	35,826,856
Fluorspar Area fault complex		Bowling Green, KY	110,990
		Clarksville, TN-KY	243,665
		Evansville, IN-KY	349,543
		Nashville-Davidson--Murfreesboro, TN	1,422,545
		Owensboro, KY	111,599
		St. Louis, MO-IL	2,778,518
		Total	5,016,860
Fowler fault		Colorado Springs, CO	587,500
		Denver-Aurora, CO	2,359,996

Feature	B	MSA near feature	2005 MSA Population
		Pueblo, CO	151,323
		Total	3,098,819
Giles County seismic zone		Blacksburg-Christiansburg-Radford, VA	151,057
		Charleston, WV	306,435
		Charlottesville, VA	188,424
		Danville, VA	108,001
		Greensboro-High Point, NC	674,503
		Hickory-Lenoir-Morganton, NC	355,657
		Johnson City, TN	188,946
		Kingsport-Bristol-Bristol, TN-VA	301,296
		Lynchburg, VA	236,914
		Roanoke, VA	292,986
		Winston-Salem, NC	448,631
		Total	3,252,850
Goodpasture fault		Colorado Springs, CO	587,500
		Denver-Aurora, CO	2,359,997
		Pueblo, CO	151,324
		Total	3,098,821
Grossman Hammock rock reef		Cape Coral-Fort Myers, FL	544,758
		Miami-Fort Lauderdale-Miami Beach, FL	5,422,200
		Naples-Marco Island, FL	307,242
		Total	6,274,200
Gulf Margin normal faults		Alexandria, LA	147,965
		Austin-Round Rock, TX	1,452,529
		Baton Rouge, LA	733,802
		Beaumont-Port Arthur, TX	383,530
		Birmingham-Hoover, AL	1,090,126
		Brownsville-Harlingen, TX	378,311
		College Station-Bryan, TX	189,735
		Corpus Christi, TX	413,553
		Dallas-Fort Worth-Arlington, TX	5,819,475
		Fort Walton Beach-Crestview-Destin, FL	182,172
		Gulfport-Biloxi, MS	255,383
		Hattiesburg, MS	131,871

Feature	B	MSA near feature	2005 MSA Population
		Hot Springs, AR	93,551
		Houma-Bayou Cane-Thibodaux, LA	199,670
		Houston-Sugar Land-Baytown, TX	5,280,077
		Jackson, MS	522,580
		Lafayette, LA	247,824
		Lake Charles, LA	194,977
		Laredo, TX	224,695
		Little Rock-North Little Rock, AR	643,273
		Longview, TX	201,501
		Killeen-Temple-Fort Hood, TX	351,528
		McAllen-Edinburg-Mission, TX	678,275
		Mobile, AL	401,427
		Monroe, LA	171,138
		Montgomery, AL	357,244
		New Orleans-Metairie-Kenner, LA	1,319,369
		Panama City-Lynn Haven, FL	161,558
		Pascagoula, MS	157,199
		Pensacola-Ferry Pass-Brent, FL	439,877
		Pine Bluff, AR	104,866
		San Antonio, TX	1,889,797
		Sherman-Denison, TX	116,835
		Shreveport-Bossier City, LA	383,233
		Texarkana-Texarkana, TX-AR	133,805
		Tuscaloosa, AL	196,885
		Tyler, TX	190,594
		Victoria, TX	113,356
		Waco, TX	224,668
		Total	26,178,254
Hain Quarry fissures	B	BARNSTABLE TOWN, MA	226,514
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,243
	B	MANCHESTER-NASHUA, NH	401,293
	B	NEW HAVEN-MILFORD, CT	846,768
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,323
	B	NORWICH-NEW LONDON, CT	266,620

Feature	B	MSA near feature	2005 MSA Population
	B	PITTSFIELD, MA	131,871
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,744
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,521
	B	SPRINGFIELD, MA	687,266
	B	WORCESTER, MA	783,263
		Total	30,884,036
Hares Crossroads fault		Burlington, NC	140,533
		Durham, NC	456,191
		Fayetteville, NC	345,539
		Goldsboro, NC	114,451
		Greensboro-High Point, NC	674,504
		Greenville, NC	162,599
		Jacksonville, NC	152,443
		Raleigh-Cary, NC	949,687
		Rocky Mount, NC	145,511
		Wilmington, NC	315,147
		Total	3,456,605
Harlan County fault		none	0
		Total	0
Helena Banks fault zone		Augusta-Richmond County, GA-SC	520,332
		Brunswick, GA	98,433
		Charleston-North Charleston, SC	594,899
		Columbia, SC	689,878
		Florence, SC	198,447
		Hinesville-Fort Stewart, GA	68,628
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,996
		Savannah, GA	313,883
		Sumter, SC	105,521
		Wilmington, NC	315,148
		Total	3,132,165
Hopewell fault		Charlottesville, VA	188,424
		Greenville, NC	162,600
		Lynchburg, VA	236,915
		Raleigh-Cary, NC	949,683
		Richmond, VA	1,175,658

Feature	B	MSA near feature	2005 MSA Population
		Rocky Mount, NC	145,512
		Virginia Beach-Norfolk-Newport News, VA-NC	1,647,349
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,671
		Total	9,720,812
Humboldt fault zone-Nemaha uplift		Des Moines-West Des Moines, IA	522,454
		Kansas City, MO-KS	1,947,694
		Lawrence, KS	102,914
		Lawton, OK	112,430
		Lincoln, NE	281,553
		Oklahoma City, OK	1,156,813
		Omaha-Council Bluffs, NE-IA	813,170
		St. Joseph, MO-KS	121,961
		Sioux City, IA-NE-SD	142,571
		Topeka, KS	229,075
		Tulsa, OK	887,715
		Wichita, KS	587,055
		Wichita Falls, TX	146,277
		Total	7,051,682
Kentucky River fault system		Bowling Green, KY	110,990
		Cincinnati-Middletown, OH-KY-IN	2,070,441
		Elizabethtown, KY	110,646
		Huntington-Ashland, WV-KY-OH	286,012
		Knoxville, TN	655,402
		Lexington-Fayette, KY	429,889
		Louisville-Jefferson County, KY-IN	1,208,452
		Nashville-Davidson--Murfreesboro, TN	1,422,546
		Total	6,294,378
Kingston fault	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	DOVER, DE	143,970
	B	KINGSTON, NY	182,695
	B	LANCASTER, PA	490,564

Feature	B	MSA near feature	2005 MSA Population
	B	LEBANON, PA	125,579
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,324
	B	OCEAN CITY, NJ	99,286
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,235
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,745
	B	READING, PA	396,315
		Scranton--Wilkes-Barre, PA	550,550
	B	TRENTON-EWING, NJ	366,258
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,253
		Total	29,711,099
Lancaster seismic zone	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BALTIMORE-TOWSON, MD	2,655,675
	B	DOVER, DE	143,971
	B	HAGERSTOWN-MARTINSBURG, MD-WV	251,313
	B	HARRISBURG-CARLISLE, PA	521,814
	B	LANCASTER, PA	490,565
	B	LEBANON, PA	125,580
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,325
	B	OCEAN CITY, NJ	99,287
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,236
	B	READING, PA	396,316
		Scranton--Wilkes-Barre, PA	550,551
		State College, PA	140,562
	B	TRENTON-EWING, NJ	366,259
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,254
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,672
		Williamsport, PA	118,397
	B	WINCHESTER, VA-WV	116,270
	B	YORK-HANOVER, PA	408,803
		Total	37,385,400

Feature	B	MSA near feature	2005 MSA Population
Lebanon Church fault		Charlottesville, VA	188,424
		Danville, VA	108,002
		Harrisonburg, VA	111,692
		Lynchburg, VA	236,916
		Richmond, VA	1,175,659
		Roanoke, VA	292,987
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,673
	B	WINCHESTER, VA-WV	116,271
		Total	7,444,624
Lexington fault system		Cincinnati-Middletown, OH-KY-IN	2,070,441
		Elizabethtown, KY	110,647
		Huntington-Ashland, WV-KY-OH	286,013
		Lexington-Fayette, KY	429,890
		Louisville-Jefferson County, KY-IN	1,208,453
		Total	4,105,444
Lindside fault zone		Blacksburg-Christiansburg-Radford, VA	151,057
		Charleston, WV	306,435
		Danville, VA	108,003
		Greensboro-High Point, NC	674,505
		Hickory-Lenoir-Morganton, NC	355,658
		Johnson City, TN	188,947
		Kingsport-Bristol-Bristol, TN-VA	301,297
		Lynchburg, VA	236,917
		Roanoke, VA	292,988
		Winston-Salem, NC	448,632
		Total	3,064,439
Louisiana wrench faults		Alexandria, LA	147,965
		Baton Rouge, LA	733,802
		Beaumont-Port Arthur, TX	383,530
		Hattiesburg, MS	131,872
		Hot Springs, AR	93,552
		Houston-Sugar Land-Baytown, TX	5,280,078
		Jackson, MS	522,581
		Lafayette, LA	247,825
		Lake Charles, LA	194,978
		Little Rock-North Little Rock, AR	643,274

Feature	B	MSA near feature	2005 MSA Population
		Longview, TX	201,502
		Memphis, TN-MS-AR	1,260,906
		Monroe, LA	171,139
		New Orleans-Metairie-Kenner, LA	1,319,367
		Pine Bluff, AR	104,867
		Shreveport-Bossier City, LA	383,234
		Texarkana-Texarkana, TX-AR	133,806
		Total	11,954,278
Meers fault		Lawton, OK	112,431
		Oklahoma City, OK	1,156,814
		Wichita Falls, TX	146,278
		Total	1,415,523
Monroe uplift		Alexandria, LA	147,965
		Jackson, MS	522,582
		Little Rock-North Little Rock, AR	643,275
		Monroe, LA	171,140
		Pine Bluff, AR	104,868
		Shreveport-Bossier City, LA	383,235
		Total	1,973,065
Moodus seismic zone		Albany-Schenectady-Troy, NY	848,879
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,244
	B	KINGSTON, NY	182,696
	B	NEW HAVEN-MILFORD, CT	846,769
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,326
	B	NORWICH-NEW LONDON, CT	266,621
	B	PITTSFIELD, MA	131,872
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,746
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,522
	B	SPRINGFIELD, MA	687,267
	B	WORCESTER, MA	783,264
		Total	31,287,816

Feature	B	MSA near feature	2005 MSA Population
Mosholu fault	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,245
	B	KINGSTON, NY	182,697
	B	NEW HAVEN-MILFORD, CT	846,770
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,327
	B	NORWICH-NEW LONDON, CT	266,622
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,237
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,747
		Scranton--Wilkes-Barre, PA	550,547
	B	TRENTON-EWING, NJ	366,260
		Total	30,332,762
Mount Toby fractures		Albany-Schenectady-Troy, NY	848,879
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
		Glens Falls, NY	128,575
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,246
	B	KINGSTON, NY	182,698
	B	MANCHESTER-NASHUA, NH	401,294
	B	NEW HAVEN-MILFORD, CT	846,771
	B	PITTSFIELD, MA	131,873
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,523
	B	SPRINGFIELD, MA	687,268
	B	WORCESTER, MA	783,265
		Total	12,136,002
New Castle County faults	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BALTIMORE-TOWSON, MD	2,655,675
	B	DOVER, DE	143,972
	B	HARRISBURG-CARLISLE, PA	521,815

Feature	B	MSA near feature	2005 MSA Population
	B	LANCASTER, PA	490,566
	B	LEBANON, PA	125,581
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,328
	B	OCEAN CITY, NJ	99,288
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,238
	B	READING, PA	396,317
	B	SALISBURY, MD	116,250
	B	TRENTON-EWING, NJ	366,261
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,255
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,674
	B	YORK-HANOVER, PA	408,804
		Total	36,324,574
New Madrid seismic zone		Clarksville, TN-KY	243,665
		Evansville, IN-KY	349,544
		Jackson, TN	110,857
		Little Rock-North Little Rock, AR	643,276
		Memphis, TN-MS-AR	1,260,907
		Jonesboro, AR	112,085
		Total	2,720,334
New York Bight fault	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,247
	B	KINGSTON, NY	182,699
	B	NEW HAVEN-MILFORD, CT	846,772
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,329
	B	NORWICH-NEW LONDON, CT	266,623
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,239
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,748
	B	TRENTON-EWING, NJ	366,262

Feature	B	MSA near feature	2005 MSA Population
		Total	30,053,244
Newbury liquefaction features	B	BARNSTABLE TOWN, MA	226,514
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	MANCHESTER-NASHUA, NH	401,295
	B	PORTLAND-SOUTH PORTLAND-BIDDEFORD, ME	514,228
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,524
	B	SPRINGFIELD, MA	687,269
	B	WORCESTER, MA	783,266
		Total	8,646,931
Northeast Ohio seismic zone		Akron, OH	702,235
		Canton-Massillon, OH	409,996
		Cleveland-Elyria-Mentor, OH	2,126,318
		Columbus, OH	1,708,625
		Erie, PA	280,447
		Mansfield, OH	127,950
		Pittsburgh, PA	2,386,074
		Sandusky, OH	78,665
		Toledo, OH	656,696
		Youngstown-Warren-Boardman, OH-PA	593,168
		Weirton-Steubenville, WV-OH	126,464
		Wheeling, WV-OH	148,677
		Total	9,345,315
Norumbega fault system		Bangor, ME	147,068
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	LEWISTON-AUBURN, ME	108,039
	B	MANCHESTER-NASHUA, NH	401,296
	B	PORTLAND-SOUTH PORTLAND-BIDDEFORD, ME	514,229
	B	SPRINGFIELD, MA	687,270
	B	WORCESTER, MA	783,267
		Total	7,053,004
Oak Bay fault		Bangor, ME	147,068

Feature	B	MSA near feature	2005 MSA Population
		Total	147,068
Offset glacial surfaces		Albany-Schenectady-Troy, NY	848,879
	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
		Bangor, ME	147,068
	B	BARNSTABLE TOWN, MA	226,514
		Binghamton, NY	248,422
	B	BOSTON-CAMBRIDGE-QUINCY, MA-NH	4,411,835
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
		Burlington-South Burlington, VT	205,230
		Glens Falls, NY	128,576
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,248
	B	KINGSTON, NY	182,700
	B	LEWISTON-AUBURN, ME	108,040
	B	MANCHESTER-NASHUA, NH	401,297
	B	NEW HAVEN-MILFORD, CT	846,773
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,330
	B	NORWICH-NEW LONDON, CT	266,624
	B	PITTSFIELD, MA	131,874
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,749
	B	PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA	1,622,525
	B	PORTLAND-SOUTH PORTLAND-BIDDEFORD, ME	514,230
		Scranton--Wilkes-Barre, PA	550,552
	B	SPRINGFIELD, MA	687,271
		Syracuse, NY	651,765
		Utica-Rome, NY	297,888
	B	WORCESTER, MA	783,268
		Total	35,557,968
Old Hickory faults		Charlottesville, VA	188,424
		Durham, NC	456,192
		Greenville, NC	162,601
		Lynchburg, VA	236,918
		Raleigh-Cary, NC	949,684
		Richmond, VA	1,175,660

Feature	B	MSA near feature	2005 MSA Population
		Rocky Mount, NC	145,513
		Virginia Beach-Norfolk-Newport News, VA-NC	1,647,350
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,675
		Total	10,177,017
Ord escarpment		Lincoln, NE	281,554
		Total	281,554
Pembroke faults		Blacksburg-Christiansburg-Radford, VA	151,057
		Charleston, WV	306,435
		Danville, VA	108,004
		Greensboro-High Point, NC	674,506
		Kingsport-Bristol-Bristol, TN-VA	301,298
		Lynchburg, VA	236,919
		Roanoke, VA	292,989
		Winston-Salem, NC	448,633
		Total	2,519,841
Pen Branch fault		Athens-Clarke County, GA	175,085
		Augusta-Richmond County, GA-SC	520,332
		Charleston-North Charleston, SC	594,899
		Columbia, SC	689,878
		Greenville, SC	591,255
		Hinesville-Fort Stewart, GA	68,629
		Savannah, GA	313,887
		Sumter, SC	105,522
		Total	3,059,487
Pierre faults		Rapid City, SD	118,203
		Total	118,203
Plum River fault zone		Ames, IA	79,952
		Cedar Rapids, IA	246,412
		Chicago-Naperville-Joliet, IL-IN-WI	9,443,356
		Davenport-Moline-Rock Island, IA-IL	376,309
		Des Moines-West Des Moines, IA	522,455
		Dubuque, IA	91,631
		Iowa City, IA	138,524

Feature	B	MSA near feature	2005 MSA Population
		Janesville, WI	157,538
		Madison, WI	537,039
		Milwaukee-Waukesha-West Allis, WI	1,512,855
		Peoria, IL	369,161
		Pueblo, CO	151,325
		Rockford, IL	339,178
		Waterloo-Cedar Falls, IA	161,897
		Total	14,127,632
Potter County fault		Amarillo, TX	238,664
		Total	238,664
Ramapo fault system	B	ALLENTOWN-BETHLEHEM-EASTON, PA-NJ	790,535
	B	ATLANTIC CITY, NJ	271,015
	B	BRIDGEPORT-STAMFORD-NORWALK, CT	902,775
	B	HARTFORD-WEST HARTFORD-EAST HARTFORD, CT	1,188,249
	B	KINGSTON, NY	182,701
	B	LANCASTER, PA	490,567
	B	LEBANON, PA	125,582
	B	NEW HAVEN-MILFORD, CT	846,774
	B	NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND, NY-NJ-PA	18,747,331
	B	NORWICH-NEW LONDON, CT	266,625
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,240
	B	PITTSFIELD, MA	131,875
	B	POUGHKEEPSIE-NEWBURGH-MIDDLETOWN, NY	667,750
	B	READING, PA	396,318
		Scranton--Wilkes-Barre, PA	550,548
	B	SPRINGFIELD, MA	687,272
	B	TRENTON-EWING, NJ	366,263
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,256
		Total	32,588,676
Rough Creek fault system		Bowling Green, KY	110,990
		Clarksville, TN-KY	243,665

Feature	B	MSA near feature	2005 MSA Population
		Elizabethtown, KY	110,648
		Evansville, IN-KY	349,545
		Lexington-Fayette, KY	429,891
		Louisville-Jefferson County, KY-IN	1,208,454
		Nashville-Davidson--Murfreesboro, TN	1,422,547
		Owensboro, KY	111,600
		St. Louis, MO-IL	2,778,519
		Total	6,765,859
St. Louis-Cape Girardeau liquefaction features		Clarksville, TN-KY	243,665
		Decatur, IL	110,167
		Evansville, IN-KY	349,546
		Jefferson City, MO	143,867
		Owensboro, KY	111,601
		St. Louis, MO-IL	2,778,520
		Springfield, IL	205,527
		Total	3,942,893
Saline River fault zone		Hot Springs, AR	93,553
		Jackson, MS	522,583
		Little Rock-North Little Rock, AR	643,277
		Monroe, LA	171,141
		Pine Bluff, AR	104,869
		Texarkana-Texarkana, TX-AR	133,807
		Total	1,669,230
Slinkard Quarry graben		St. Louis, MO-IL	2,778,521
		Total	2,778,521
South Carolina liquefaction features		Augusta-Richmond County, GA-SC	520,332
		Brunswick, GA	98,433
		Charleston-North Charleston, SC	594,899
		Charlotte-Gastonia-Concord, NC-SC	1,521,278
		Columbia, SC	689,878
		Fayetteville, NC	345,540
		Florence, SC	198,448

Feature	B	MSA near feature	2005 MSA Population
		Goldsboro, NC	114,452
		Hinesville-Fort Stewart, GA	68,630
		Jacksonville, NC	152,444
		Myrtle Beach-Conway-North Myrtle Beach, SC	226,997
		Savannah, GA	313,888
		Sumter, SC	105,523
		Wilmington, NC	315,149
		Total	5,265,891
South Sebec seismic zone		Bangor, ME	147,068
	B	LEWISTON-AUBURN, ME	108,041
	B	PORTLAND-SOUTH PORTLAND-BIDDEFORD, ME	514,231
		Total	769,340
Southeast Arkansas liquefaction features		Hot Springs, AR	93,554
		Jackson, MS	522,584
		Little Rock-North Little Rock, AR	643,278
		Memphis, TN-MS-AR	1,260,908
		Monroe, LA	171,142
		Pine Bluff, AR	104,870
		Total	2,796,336
Stafford fault system	B	BALTIMORE-TOWSON, MD	2,655,675
		Charlottesville, VA	188,424
	B	DOVER, DE	143,973
	B	HAGERSTOWN-MARTINSBURG, MD-WV	251,314
		Harrisonburg, VA	111,693
		Richmond, VA	1,175,661
	B	SALISBURY, MD	116,251
		Virginia Beach-Norfolk-Newport News, VA-NC	1,647,351
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,676
	B	WINCHESTER, VA-WV	116,272
	B	YORK-HANOVER, PA	408,805
		Total	12,030,095
Stanleytown-Villa Heights faults		Blacksburg-Christiansburg-Radford, VA	151,057

Feature	B	MSA near feature	2005 MSA Population
		Burlington, NC	140,533
		Danville, VA	108,005
		Durham, NC	456,193
		Greensboro-High Point, NC	674,507
		Hickory-Lenoir-Morganton, NC	355,659
		Lynchburg, VA	236,920
		Raleigh-Cary, NC	949,685
		Roanoke, VA	292,990
		Winston-Salem, NC	448,634
		Total	3,814,183
Sweet Grass Hills faults		Great Falls, MT	79,569
		Total	79,569
Thebes Gap area faults		Clarksville, TN-KY	243,665
		Evansville, IN-KY	349,547
		St. Louis, MO-IL	2,778,522
		Total	3,371,734
Upper Marlboro faults	B	BALTIMORE-TOWSON, MD	2,655,675
	B	DOVER, DE	143,974
	B	HAGERSTOWN-MARTINSBURG, MD-WV	251,315
	B	LANCASTER, PA	490,568
	B	PHILADELPHIA-CAMDEN-WILMINGTON, PA-NJ-DE-MD	5,823,241
		Richmond, VA	1,175,662
	B	SALISBURY, MD	116,252
	B	VINELAND-MILLVILLE-BRIDGETON, NJ	153,257
	B	WASHINGTON-ARLINGTON-ALEXANDRIA, DC-VA-MD-WV	5,214,677
	B	WINCHESTER, VA-WV	116,273
	B	YORK-HANOVER, PA	408,806
		Total	16,549,700
Valmont fault		Boulder, CO	280,440
		Cheyenne, WY	85,163
		Colorado Springs, CO	587,500
		Denver-Aurora, CO	2,359,998
		Fort Collins-Loveland, CO	271,927
		Greeley, CO	228,944

Feature	B	MSA near feature	2005 MSA Population
		Total	3,813,972
Vaughn fault		Albuquerque, NM	797,940
		Santa Fe, NM	140,855
		Total	938,795
Wabash Valley liquefaction features		Anderson, IN	130,412
		Bloomington, IN	177,709
		Bloomington-Normal, IL	159,013
		Bowling Green, KY	110,990
		Champaign-Urbana, IL	215,742
		Chicago-Naperville-Joliet, IL-IN-WI	9,443,356
		Cincinnati-Middletown, OH-KY-IN	2,070,441
		Clarksville, TN-KY	243,665
		Columbus, IN	73,540
		Danville, IL	82,344
		Davenport-Moline-Rock Island, IA-IL	376,310
		Dayton, OH	843,578
		Decatur, IL	110,168
		Elizabethtown, KY	110,649
		Evansville, IN-KY	349,548
		Fort Wayne, IN	404,415
		Indianapolis-Carmel, IN	1,640,591
		Kankakee-Bradley, IL	107,972
		Kokomo, IN	101,362
		Lafayette, IN	183,340
		Lexington-Fayette, KY	429,892
		Louisville-Jefferson County, KY-IN	1,208,455
		Muncie, IN	116,363
		Nashville-Davidson--Murfreesboro, TN	1,422,548
		Owensboro, KY	111,602
		Peoria, IL	369,162
		St. Louis, MO-IL	2,778,523
		Springfield, IL	205,528
		Terre Haute, IN	168,059
		Total	23,745,277
Washita Valley fault		Dallas-Fort Worth-Arlington, TX	5,819,475

Feature	B	MSA near feature	2005 MSA Population
		Lawton, OK	112,432
		Oklahoma City, OK	1,156,815
		Sherman-Denison, TX	116,836
		Wichita Falls, TX	146,279
		Total	7,351,837
Western Lowlands liquefaction features		Jonesboro, AR	112,086
		Little Rock-North Little Rock, AR	643,279
		Memphis, TN-MS-AR	1,260,909
		Pine Bluff, AR	104,871
		St. Louis, MO-IL	2,778,524
		Total	4,899,669
Wheatland-Whalen fault system		Cheyenne, WY	85,163
		Casper, WY	69,799
		Fort Collins-Loveland, CO	271,928
		Greeley, CO	228,945
		Total	655,835
Wiggins uplift		Baton Rouge, LA	733,802
		Gulfport-Biloxi, MS	255,384
		Hattiesburg, MS	131,873
		Houma-Bayou Cane-Thibodaux, LA	199,671
		Jackson, MS	522,585
		Mobile, AL	401,428
		New Orleans-Metairie-Kenner, LA	1,319,368
		Pascagoula, MS	157,200
		Pensacola-Ferry Pass-Brent, FL	439,878
		Total	4,161,189