

IPRenewal NPEmails

From: Bixler, Nathan E [nbixler@sandia.gov]
Sent: Thursday, December 17, 2009 1:06 PM
To: Schelling Jr, Joe
Cc: Jones, Joe A
Subject: Emailing: NationalPopulationProjection2008-t1.xls, StatePopulationProjections2008-01.xls
Attachments: NationalPopulationProjection2008-t1.xls; StatePopulationProjections2008-01.xls

I'm attaching two spreadsheets that I downloaded from the US Census Bureau web site. The first gives national population projections out to 2050. The second gives state population projections out to 2008.

Comparing US and NY data, it is clear that NY population is growing a lot slower than the national average. We may need to strategize on how to deal with this. Simply applying US-wide census growth projections (about 0.9%/yr) to the area around Indian Point gives something like a 35% growth between 2000 and 2035 compared with Indian Point's and your estimate of about 14%. The state of NY growth projection is much more modest. I haven't looked at the other states within the 50-mile radius, but those should be factored in.

Nate

Hearing Identifier: IndianPointUnits2and3NonPublic_EX
Email Number: 2421

Mail Envelope Properties (51677525E6912B4FA646302AD6D1D78C80F719BFAF)

Subject: Emailing: NationalPopulationProjection2008-t1.xls,
StatePopulationProjections2008-01.xls
Sent Date: 12/17/2009 1:06:05 PM
Received Date: 12/17/2009 1:06:05 PM
From: Bixler, Nathan E

Created By: nbixler@sandia.gov

Recipients:
"Jones, Joe A" <jojones@sandia.gov>
Tracking Status: None
"Schelling Jr, Joe" <fjschel@sandia.gov>
Tracking Status: None

Post Office: ES03SNLNT.srn.sandia.gov

Files	Size	Date & Time
MESSAGE	744	12/17/2009 1:06:05 PM
NationalPopulationProjection2008-t1.xls		20544
StatePopulationProjections2008-01.xls		23616

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Table 1. Projections of the Population and Components of Change for the United States: 2010 to 2050

(Resident population as of July 1. Numbers in thousands)

Year	Population	Numeric Change	Percent Change	Natural Increase	Vital Events		Net International Migration ¹
					Births	Deaths	
2010	310,233	3,021	0.98	1,682	4,268	2,586	1,338
2011	313,232	2,999	0.97	1,699	4,311	2,611	1,300
2012	316,266	3,033	0.97	1,714	4,351	2,636	1,319
2013	319,330	3,065	0.97	1,726	4,388	2,662	1,338
2014	322,423	3,093	0.97	1,735	4,423	2,688	1,358
2015	325,540	3,117	0.97	1,740	4,455	2,715	1,377
2016	328,678	3,138	0.96	1,742	4,484	2,743	1,396
2017	331,833	3,156	0.96	1,741	4,512	2,772	1,415
2018	335,005	3,172	0.96	1,737	4,539	2,802	1,434
2019	338,190	3,185	0.95	1,732	4,565	2,834	1,454
2020	341,387	3,196	0.95	1,723	4,590	2,867	1,473
2021	344,592	3,205	0.94	1,713	4,615	2,902	1,492
2022	347,803	3,211	0.93	1,700	4,639	2,939	1,511
2023	351,018	3,215	0.92	1,685	4,663	2,978	1,530
2024	354,235	3,217	0.92	1,667	4,687	3,020	1,549
2025	357,452	3,217	0.91	1,648	4,712	3,064	1,569
2026	360,667	3,215	0.90	1,628	4,738	3,110	1,588
2027	363,880	3,213	0.89	1,606	4,765	3,158	1,607
2028	367,090	3,210	0.88	1,584	4,794	3,209	1,626
2029	370,298	3,208	0.87	1,563	4,825	3,262	1,645
2030	373,504	3,206	0.87	1,542	4,858	3,316	1,664
2031	376,708	3,204	0.86	1,521	4,893	3,372	1,683
2032	379,912	3,204	0.85	1,502	4,931	3,429	1,702
2033	383,117	3,204	0.84	1,483	4,970	3,487	1,722
2034	386,323	3,206	0.84	1,465	5,011	3,545	1,741
2035	389,531	3,209	0.83	1,449	5,052	3,604	1,760
2036	392,743	3,212	0.82	1,433	5,095	3,661	1,779
2037	395,961	3,217	0.82	1,419	5,138	3,718	1,798
2038	399,184	3,223	0.81	1,406	5,180	3,774	1,817
2039	402,415	3,231	0.81	1,395	5,223	3,828	1,836
2040	405,655	3,240	0.81	1,385	5,265	3,881	1,855
2041	408,906	3,251	0.80	1,376	5,307	3,931	1,875
2042	412,170	3,264	0.80	1,370	5,348	3,978	1,894
2043	415,448	3,278	0.80	1,365	5,388	4,023	1,913
2044	418,743	3,295	0.79	1,364	5,428	4,064	1,932
2045	422,059	3,315	0.79	1,364	5,467	4,103	1,951
2046	425,395	3,337	0.79	1,367	5,505	4,138	1,970
2047	428,756	3,360	0.79	1,371	5,542	4,171	1,989
2048	432,143	3,387	0.79	1,379	5,579	4,201	2,008
2049	435,560	3,417	0.79	1,390	5,616	4,226	2,028
2050	439,010	3,450	0.79	1,403	5,653	4,249	2,047

¹ Net international migration includes the international migration of both native and foreign-born populations. Specifically, it includes: (a) the net international migration of the foreign born, (b) the net international migration of the native born, (c) the net migration between the United States and Puerto Rico, and (d) the net movement of the Armed Forces population between the United States and overseas.

Note: Data on population change and components of change refer to events occurring between July 1 of the preceding year and June 30 of the indicated year.

Suggested Citation:

Table 1. Projections of the Population and Components of Change for the United States: 2010 to 2050 (NP2008-T1)

Source: Population Division, U.S. Census Bureau

Release Date: August 14, 2008

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	Population Estimates							
	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001
United States	304,059,724	301,290,332	298,362,973	295,560,549	292,892,127	290,210,914	287,726,647	285,039,803
Northeast	54,924,779	54,761,693	54,627,987	54,531,266	54,459,795	54,319,451	54,134,361	53,910,648
Midwest	66,561,448	66,312,562	66,047,830	65,785,263	65,566,340	65,299,248	65,058,431	64,805,832
South	111,718,549	110,335,133	108,716,622	107,244,182	105,745,280	104,339,107	103,125,430	101,838,852
West	70,854,948	69,880,944	68,970,534	67,999,838	67,120,712	66,253,108	65,408,425	64,484,471
Alabama	4,661,900	4,626,595	4,587,564	4,537,299	4,506,574	4,486,598	4,469,906	4,462,832
Alaska	686,293	681,111	676,301	668,625	660,975	650,426	642,391	633,160
Arizona	6,500,180	6,353,421	6,178,251	5,961,239	5,750,475	5,585,512	5,449,195	5,303,632
Arkansas	2,855,390	2,830,557	2,804,199	2,768,918	2,740,191	2,717,909	2,701,889	2,689,601
California	36,756,666	36,377,534	36,121,296	35,885,415	35,629,666	35,307,398	34,916,495	34,507,030
Colorado	4,939,456	4,842,770	4,751,474	4,662,734	4,600,050	4,548,339	4,503,156	4,431,918
Connecticut	3,501,252	3,489,868	3,487,896	3,478,714	3,475,351	3,467,932	3,448,261	3,428,208
Delaware	873,092	861,953	850,366	838,519	825,682	814,262	803,774	794,498
District of Columbia	591,833	587,868	585,419	582,049	579,521	577,371	579,112	577,678
Florida	18,328,340	18,199,526	18,019,093	17,702,476	17,313,811	16,937,337	16,652,679	16,340,734
Georgia	9,685,744	9,523,297	9,318,715	9,093,958	8,910,741	8,732,924	8,583,674	8,418,592
Hawaii	1,288,198	1,277,356	1,275,264	1,264,468	1,251,532	1,238,333	1,227,391	1,217,955
Idaho	1,523,816	1,496,145	1,461,183	1,424,127	1,390,329	1,363,010	1,341,408	1,320,732
Illinois	12,901,563	12,825,809	12,759,673	12,704,063	12,665,718	12,611,047	12,565,228	12,510,596
Indiana	6,376,792	6,335,862	6,294,124	6,248,569	6,210,801	6,178,828	6,146,974	6,123,942
Iowa	3,002,555	2,983,360	2,967,270	2,951,775	2,942,739	2,933,407	2,929,395	2,929,294
Kansas	2,802,134	2,777,382	2,756,267	2,742,204	2,731,069	2,722,070	2,712,561	2,701,346
Kentucky	4,269,245	4,236,308	4,199,440	4,165,958	4,135,567	4,110,922	4,086,754	4,066,442
Louisiana	4,410,796	4,373,310	4,243,634	4,495,627	4,487,830	4,473,558	4,465,215	4,460,395
Maine	1,316,456	1,315,398	1,313,355	1,311,044	1,307,904	1,302,729	1,293,667	1,284,663
Maryland	5,633,597	5,618,899	5,602,258	5,575,552	5,538,989	5,495,009	5,439,327	5,375,659
Massachusetts	6,497,967	6,467,915	6,443,424	6,434,343	6,437,414	6,441,440	6,433,043	6,407,269
Michigan	10,003,422	10,049,790	10,083,878	10,093,266	10,090,280	10,065,881	10,037,303	10,004,341
Minnesota	5,220,393	5,182,360	5,143,134	5,104,890	5,078,014	5,046,708	5,016,643	4,982,339
Mississippi	2,938,618	2,921,030	2,896,713	2,898,209	2,884,596	2,866,711	2,858,013	2,853,061
Missouri	5,911,605	5,878,399	5,832,977	5,785,130	5,742,650	5,704,639	5,675,641	5,641,994
Montana	967,440	956,624	945,428	934,888	925,969	916,754	909,859	905,854
Nebraska	1,783,432	1,769,473	1,759,779	1,751,069	1,741,450	1,732,873	1,724,236	1,717,705
Nevada	2,600,167	2,554,344	2,484,196	2,401,671	2,323,875	2,233,830	2,164,518	2,093,973
New Hampshire	1,315,809	1,312,256	1,308,824	1,300,530	1,292,064	1,281,260	1,270,701	1,256,625

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	Population Estimates							
	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001
New Jersey	8,682,661	8,653,126	8,640,218	8,634,657	8,620,770	8,589,562	8,547,410	8,490,942
New Mexico	1,984,356	1,964,402	1,937,916	1,912,884	1,889,266	1,867,909	1,848,986	1,828,330
New York	19,490,297	19,429,316	19,367,028	19,336,376	19,301,113	19,230,877	19,161,573	19,088,220
North Carolina	9,222,414	9,041,594	8,845,343	8,661,061	8,523,199	8,409,660	8,311,263	8,199,913
North Dakota	641,481	637,904	636,453	635,222	636,196	632,689	633,521	636,211
Ohio	11,485,910	11,477,641	11,458,390	11,450,954	11,445,095	11,430,306	11,410,582	11,391,298
Oklahoma	3,642,361	3,608,123	3,568,132	3,530,087	3,511,960	3,496,157	3,482,946	3,463,387
Oregon	3,790,060	3,735,549	3,680,968	3,621,939	3,576,262	3,551,877	3,517,982	3,470,716
Pennsylvania	12,448,279	12,419,930	12,388,055	12,351,881	12,335,652	12,317,647	12,298,775	12,284,522
Rhode Island	1,050,788	1,053,136	1,058,991	1,064,439	1,071,095	1,071,302	1,065,937	1,058,065
South Carolina	4,479,800	4,404,914	4,324,799	4,249,385	4,196,799	4,143,420	4,102,211	4,061,844
South Dakota	804,194	795,689	787,380	779,315	773,539	766,440	761,709	758,705
Tennessee	6,214,888	6,149,116	6,068,306	5,983,211	5,906,936	5,849,563	5,799,093	5,753,497
Texas	24,326,974	23,843,432	23,367,534	22,811,128	22,424,884	22,062,119	21,713,397	21,333,928
Utah	2,736,424	2,668,925	2,585,155	2,501,262	2,439,852	2,380,462	2,334,462	2,291,066
Vermont	621,270	620,748	620,196	619,282	618,432	616,702	614,994	612,134
Virginia	7,769,089	7,698,775	7,628,347	7,546,725	7,454,688	7,363,300	7,276,785	7,188,251
Washington	6,549,224	6,449,511	6,360,529	6,254,579	6,179,645	6,110,202	6,055,613	5,987,181
West Virginia	1,814,468	1,809,836	1,806,760	1,804,020	1,803,312	1,802,287	1,799,392	1,798,540
Wisconsin	5,627,967	5,598,893	5,568,505	5,538,806	5,508,789	5,474,360	5,444,638	5,408,061
Wyoming	532,668	523,252	512,573	506,007	502,816	499,056	496,969	492,924
Puerto Rico	3,954,037	3,941,160	3,926,698	3,910,707	3,893,931	3,876,637	3,858,272	3,837,768

Note: The April 1, 2000 Population Estimates base reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions. See Geographic Terms and Definitions at <http://www.census.gov/popest/geographi c/> for a list of the states that are included in each region.

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	Population Estimates						
	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002

Suggested Citation:

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008 (NST-EST2008-01)

Source: Population Division, U.S. Census Bureau

Release Date: December 22, 2008

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	
	July 1, 2000
United States	282,171,936
Northeast	53,666,821
Midwest	64,492,694
South	100,558,339
West	63,454,082
Alabama	4,451,687
Alaska	627,428
Arizona	5,166,810
Arkansas	2,678,217
California	33,998,767
Colorado	4,327,788
Connecticut	3,411,714
Delaware	786,404
District of Columbia	571,723
Florida	16,047,246
Georgia	8,230,053
Hawaii	1,211,479
Idaho	1,299,474
Illinois	12,437,888
Indiana	6,091,392
Iowa	2,928,046
Kansas	2,692,681
Kentucky	4,048,831
Louisiana	4,468,879
Maine	1,277,179
Maryland	5,310,451
Massachusetts	6,362,583
Michigan	9,955,146
Minnesota	4,933,787
Mississippi	2,848,293
Missouri	5,605,868
Montana	903,283
Nebraska	1,713,194
Nevada	2,018,244
New Hampshire	1,240,361

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	July 1, 2000
New Jersey	8,430,913
New Mexico	1,820,704
New York	18,998,429
North Carolina	8,078,824
North Dakota	641,183
Ohio	11,363,719
Oklahoma	3,453,861
Oregon	3,430,828
Pennsylvania	12,285,041
Rhode Island	1,050,725
South Carolina	4,023,396
South Dakota	755,657
Tennessee	5,703,094
Texas	20,946,049
Utah	2,244,210
Vermont	609,876
Virginia	7,104,354
Washington	5,911,104
West Virginia	1,806,977
Wisconsin	5,374,133
Wyoming	493,963
Puerto Rico	3,814,413
<p>Note: The April 1, 2000 Population Estimates base reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions. See Geographic Terms and Definitions at http://www.census.gov/popest/geographic/ for a list of the states that are included in each region.</p>	

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Geographic Area	July 1, 2000
<p>Suggested Citation: Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008 (NST-EST2008-01) Source: Population Division, U.S. Census Bureau Release Date: December 22, 2008</p>	

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	April 1, 2000	
	Estimates Base	Census
United States	281,424,602	281,421,906
Northeast	53,594,797	53,594,378
Midwest	64,395,207	64,392,776
South	100,235,848	100,236,820
West	63,198,750	63,197,932
Alabama	4,447,355	4,447,100
Alaska	626,931	626,932
Arizona	5,130,607	5,130,632
Arkansas	2,673,386	2,673,400
California	33,871,650	33,871,648
Colorado	4,302,015	4,301,261
Connecticut	3,405,604	3,405,565
Delaware	783,595	783,600
District of Columbia	572,053	572,059
Florida	15,982,813	15,982,378
Georgia	8,186,812	8,186,453
Hawaii	1,211,538	1,211,537
Idaho	1,293,955	1,293,953
Illinois	12,419,660	12,419,293
Indiana	6,080,522	6,080,485
Iowa	2,926,381	2,926,324
Kansas	2,688,816	2,688,418
Kentucky	4,042,284	4,041,769
Louisiana	4,468,968	4,468,976
Maine	1,274,922	1,274,923
Maryland	5,296,516	5,296,486
Massachusetts	6,349,113	6,349,097
Michigan	9,938,492	9,938,444
Minnesota	4,919,492	4,919,479
Mississippi	2,844,666	2,844,658
Missouri	5,596,678	5,595,211
Montana	902,190	902,195
Nebraska	1,711,266	1,711,263
Nevada	1,998,257	1,998,257
New Hampshire	1,235,785	1,235,786

Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008

Geographic Area	April 1, 2000	
	Estimates Base	Census
New Jersey	8,414,360	8,414,350
New Mexico	1,819,041	1,819,046
New York	18,976,816	18,976,457
North Carolina	8,046,500	8,049,313
North Dakota	642,195	642,200
Ohio	11,353,160	11,353,140
Oklahoma	3,450,640	3,450,654
Oregon	3,421,437	3,421,399
Pennsylvania	12,281,052	12,281,054
Rhode Island	1,048,319	1,048,319
South Carolina	4,011,809	4,012,012
South Dakota	754,837	754,844
Tennessee	5,689,270	5,689,283
Texas	20,851,811	20,851,820
Utah	2,233,204	2,233,169
Vermont	608,826	608,827
Virginia	7,079,025	7,078,515
Washington	5,894,143	5,894,121
West Virginia	1,808,345	1,808,344
Wisconsin	5,363,708	5,363,675
Wyoming	493,782	493,782
Puerto Rico	3,808,603	3,808,610
<p>Note: The April 1, 2000 Population Estimates base reflects changes to the Census 2000 population from the Count Question Resolution program and geographic program revisions. See Geographic Terms and Definitions at http://www.census.gov/popest/geographi c/ for a list of the states that are included in each region.</p>		

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<p>Suggested Citation: Table 1: Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008 (NST-EST2008-01) Source: Population Division, U.S. Census Bureau Release Date: December 22, 2008</p>		