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Highlights of Hattiesburg, Mississippi MSA Employment Trends



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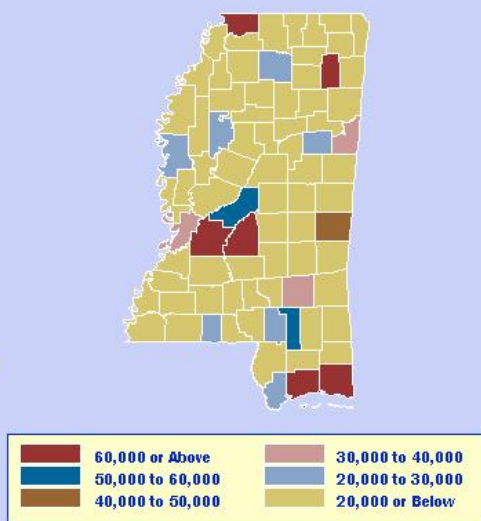
1. Make sure Adobe Acrobat Professional is installed or available to print to and Microsoft Publisher is installed. This booklet was created with Adobe Acrobat 7 and Microsoft Office 2007.
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8. Select Insert->Picture->From File and select one of the images saved to place into booklet. Crop or Resize as needed.
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Feel free to contact James Latham:
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Mississippi State Total Employment, 2006

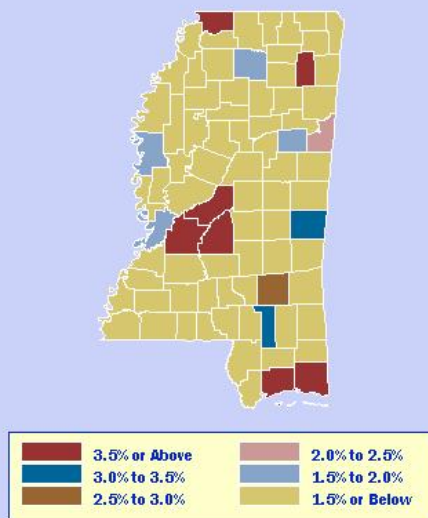
Mississippi = 1,531,373
U.S. = 178,332,900



Retrieved from PNREAP.org, October 2, 2008

Mississippi State Total Employment, 2006

Mississippi = 100%



Retrieved from PNREAP.org, October 2, 2008

MS-REAP: Graphic Trend Analysis: Hattiesburg MSA Employment, 1969 - 2006



Briefing Report Outline:

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Introduction



Employment numbers remain the most popular and frequently cited statistics used for tracking local area economic conditions and trends. The *Bureau of Economic Analysis* employment estimates reported above measure the number of full- and part-time wage and salary employees, plus the number of proprietors of unincorporated businesses. People holding more than one job are counted in the employment estimates for each job they hold. This means BEA employment estimates represent a job count, not a people count. Also, BEA employment is by place-of-work, rather than by place-of-residence. Jobs held by neighboring county residents who commute to Hattiesburg MSA to work are included in the employment count for Hattiesburg MSA.

Hattiesburg MSA and Mississippi: Employment, 1969-2006

Year	Hattiesburg MSA					Mississippi				
	Employment	Index ¹	Percent Change	Percent of Statewide Total	Job Ratio ²	Employment	Index ¹	Percent Change	Percent of Statewide Total	Job Ratio ²
1969	32,255	100.0		3.55	0.39	908,677	100.0		1.00	0.41
1970	33,602	104.2	4.18	3.67	0.41	916,796	100.9	0.89	1.00	0.41
1971	35,050	108.7	4.31	3.73	0.42	938,968	103.3	2.42	1.03	0.41
1972	37,236	115.4	6.24	3.80	0.43	978,740	107.7	4.24	1.04	0.42
1973	38,607	119.7	3.68	3.79	0.43	1,019,427	112.2	4.16	1.04	0.43
1974	39,612	122.8	2.60	3.84	0.44	1,031,293	113.5	1.16	1.03	0.43
1975	39,716	123.1	0.26	3.97	0.43	1,000,814	110.1	-2.96	1.01	0.42
1976	41,340	128.2	4.09	3.98	0.44	1,038,827	114.3	3.80	1.02	0.43
1977	43,244	134.1	4.61	4.04	0.45	1,070,753	117.8	3.07	1.02	0.44
1978	44,772	138.8	3.53	4.06	0.46	1,101,653	121.2	2.89	1.00	0.44
1979	45,224	140.2	1.01	4.05	0.46	1,116,647	122.9	1.36	0.99	0.45
1980	45,567	141.3	0.76	4.09	0.45	1,114,280	122.6	-0.21	0.98	0.44
1981	45,666	141.6	0.22	4.11	0.45	1,110,389	122.2	-0.35	0.96	0.44
1982	45,195	140.1	-1.03	4.17	0.43	1,082,557	119.1	-2.51	0.94	0.42
1983	47,245	146.5	4.54	4.33	0.44	1,090,950	120.1	0.78	0.94	0.42
1984	47,597	147.8	0.75	4.24	0.44	1,121,465	123.4	2.80	0.93	0.44
1985	47,329	146.7	-0.56	4.19	0.44	1,129,426	124.3	0.71	0.91	0.44
1986	48,221	149.5	1.88	4.24	0.45	1,136,091	125.0	0.59	0.89	0.44
1987	49,757	154.3	3.19	4.34	0.46	1,147,320	126.3	0.99	0.88	0.44
1988	50,778	157.4	2.05	4.32	0.47	1,175,577	129.4	2.46	0.87	0.46
1989	52,205	161.9	2.81	4.37	0.48	1,195,897	131.6	1.73	0.87	0.46
1990	52,721	163.5	0.99	4.36	0.48	1,209,606	133.1	1.15	0.87	0.47
1991	53,105	164.6	0.73	4.36	0.48	1,217,840	134.0	0.68	0.88	0.47
1992	53,889	167.1	1.48	4.34	0.48	1,240,887	136.6	1.89	0.89	0.47
1993	56,117	174.0	4.13	4.34	0.50	1,294,478	142.5	4.32	0.91	0.49
1994	58,730	182.1	4.66	4.37	0.52	1,342,803	147.8	3.73	0.92	0.50
1995	61,404	190.4	4.55	4.47	0.53	1,373,875	151.2	2.31	0.92	0.50
1996	62,489	193.7	1.77	4.47	0.53	1,397,868	153.8	1.75	0.92	0.51
1997	64,435	199.8	3.11	4.53	0.54	1,423,918	156.7	1.86	0.92	0.51
1998	67,406	209.0	4.61	4.61	0.56	1,461,734	160.9	2.66	0.92	0.52
1999	69,728	216.2	3.44	4.68	0.57	1,488,379	163.8	1.82	0.91	0.53
2000	70,145	217.5	0.60	4.70	0.56	1,492,672	164.3	0.29	0.90	0.52
2001	70,303	218.0	0.23	4.78	0.56	1,469,614	161.7	-1.54	0.88	0.52
2002	71,377	221.3	1.53	4.85	0.56	1,472,925	162.1	0.23	0.88	0.52
2003	71,826	222.7	0.63	4.88	0.56	1,470,463	161.8	-0.17	0.88	0.51
2004	72,945	226.2	1.56	4.89	0.56	1,491,792	164.2	1.45	0.87	0.52
2005	74,875	232.1	2.65	4.98	0.57	1,504,971	165.6	0.88	0.86	0.52
2006	79,150	245.4	5.71	5.17	0.58	1,531,373	168.5	1.75	0.86	0.53

¹ Values are expressed as 100% for 1969 and as a percent of 1969 for the following years.

² Job Ratio = Employment ÷ Population

Source: U.S. Department of Commerce, Bureau of Economic Analysis with calculations and table prepared by the Mississippi Regional Economic Analysis Project

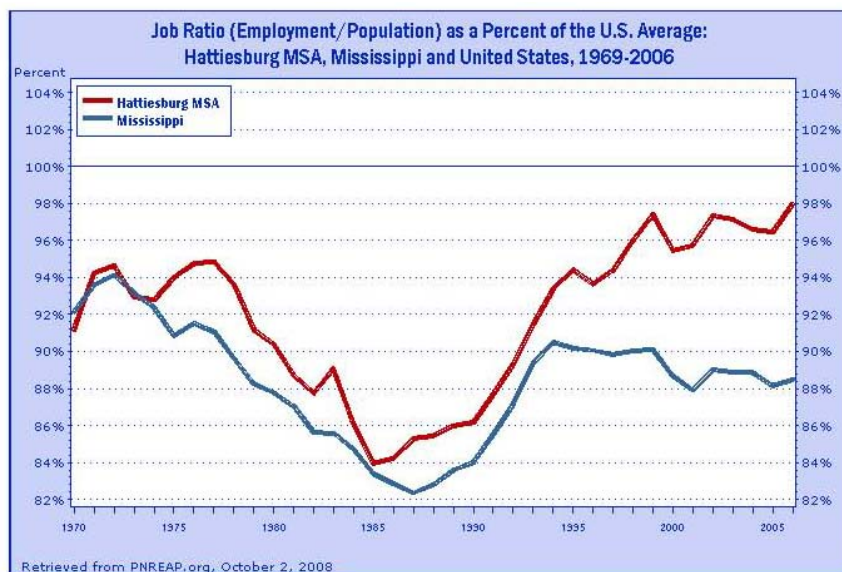


Figure 8.

To highlight trends in the local job ratio relative to nationwide trends, Figure 8 tracks Hattiesburg MSA's job ratio as a percent of the national job ratio over 1969-2006.

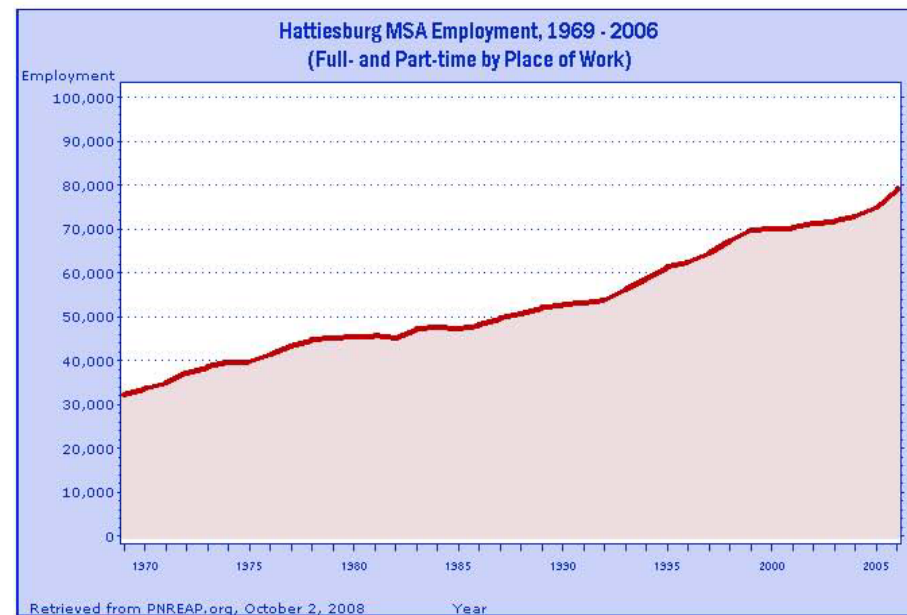


Figure 1.

Figure 1 traces Hattiesburg MSA's annual employment over 1969-2006 to illustrate the pattern of growth over time. Over the entire 38-year period, Hattiesburg MSA's employment rose from 32,255 in 1969 to 79,150 in 2006, for a net gain of 46,895, or 145.4%.

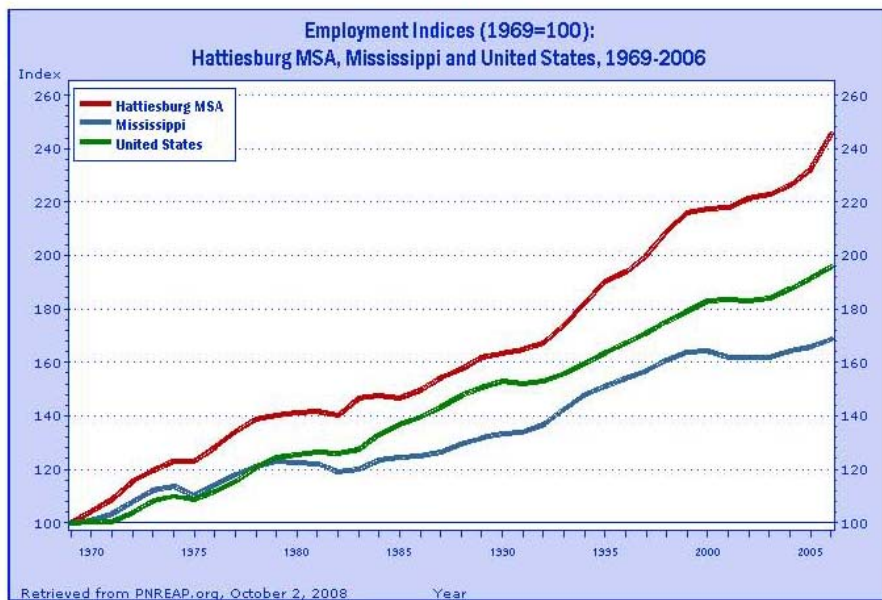


Figure 2.

The cumulative growth indices displayed in Figure 2 are for comparing the long-term growth of Hattiesburg MSA's employment over 1969-2006 with Mississippi and the nation. The indices express each region's employment in 1969 as 100, and the employment in subsequent years as a percent of 1969. Although they differ in size, one can directly compare the long-term employment growth of Hattiesburg MSA with that of Mississippi and the nation.

Hattiesburg MSA's employment posted a 145.4% gain over 1969-2006, surpassed the growth of Mississippi (68.5%), and outpaced the increase nationally (95.8%).



Figure 7.

The job ratios shown in Figure 7 for the Hattiesburg MSA, Mississippi, and the nation not only portray a number of important trends, they also serve as a thumbnail guide to evaluating an economy's capacity to generate enough jobs fast enough to absorb the increasing number of workers attendant to a growing population. The job ratio is the number of full-time and part-time jobs by place of work, divided by population.

Nationally, the job ratio rose from 0.45 to 0.60 between 1969 and 2006. Hattiesburg MSA's job ratio registered 0.39 in 1969, and 0.58 in 2006. Underlying the rising job ratio over the past several decades have been the increases in the labor force participation rates, with the number and proportion of women in the labor market playing a leading role.

An assortment of other factors can contribute to regional differences in the job ratio. They include differences in the proportion of elderly and retirees who no longer work and participate in the labor force, differences in the number and proportion of part-time vs. full-time workers, differences in industry composition, and differences in age and sex distribution and degree of urbanization. Also, a disproportionate number of workers commuting to work outside the county tends to lower the local job ratio, while a net inflow of workers commuting to work inside the county tends to augment the local job ratio.

Avoid interpreting the job ratio as the fraction (or percent) of the local population employed. This interpretation should only apply to the "employment-population ratio" statistic compiled by the Bureau of Labor Statistics (BLS) from the Current Population Survey (CPS).

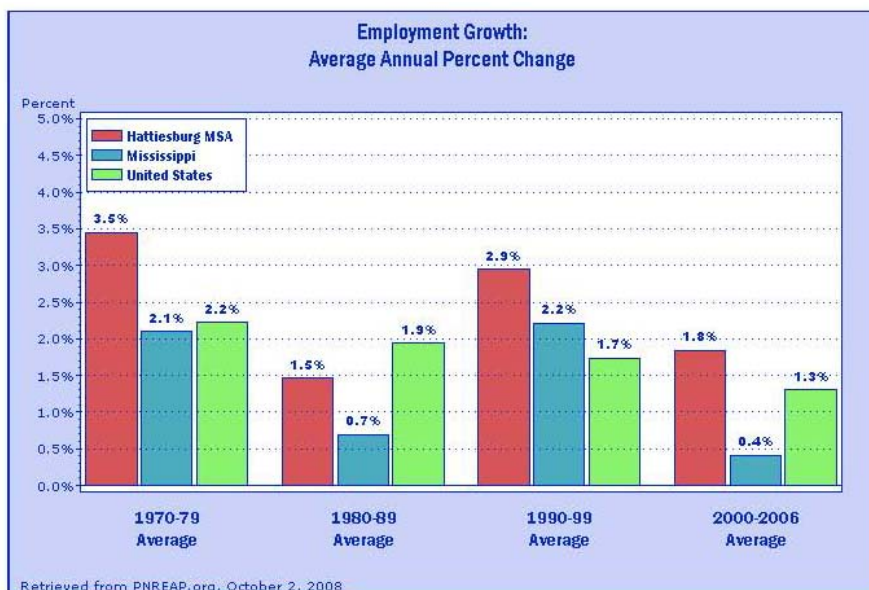


Figure 6.

Figure 6 compares the decade average growth rates for Hattiesburg MSA noted in the previous graph with the corresponding decade averages for Mississippi and the nation. As the chart reveals, Hattiesburg MSA's average annual employment growth outpaced Mississippi's average during the 1970s (3.45% vs. 2.10%), surpassed Mississippi's average during the 1980s (1.46% vs. 0.70%), topped Mississippi's average during the 1990s (2.95% vs. 2.22%), and equaled higher than Mississippi's average over the 7 year period for this decade, 2000-2006 (1.84% vs. 0.41%).

Relative to nationwide employment growth trends, Hattiesburg MSA led the nation during the 1970s (3.45% vs. 2.22%), trailed the nation in the 1980s (1.46% vs. 1.94%), exceeded the nation in the 1990s (2.95% vs. 1.74%), and tallied over the nation from 2000-2006 (1.84% vs. 1.30%).

	Employment Growth: Average Annual Percent Change				
	1969-2006	1970-79	1980-89	1990-99	2000-2006
Hattiesburg MSA:	2.47%	3.45%	1.46%	2.95%	1.84%
Mississippi:	1.43%	2.10%	0.70%	2.22%	0.41%
United States:	1.84%	2.22%	1.94%	1.74%	1.30%

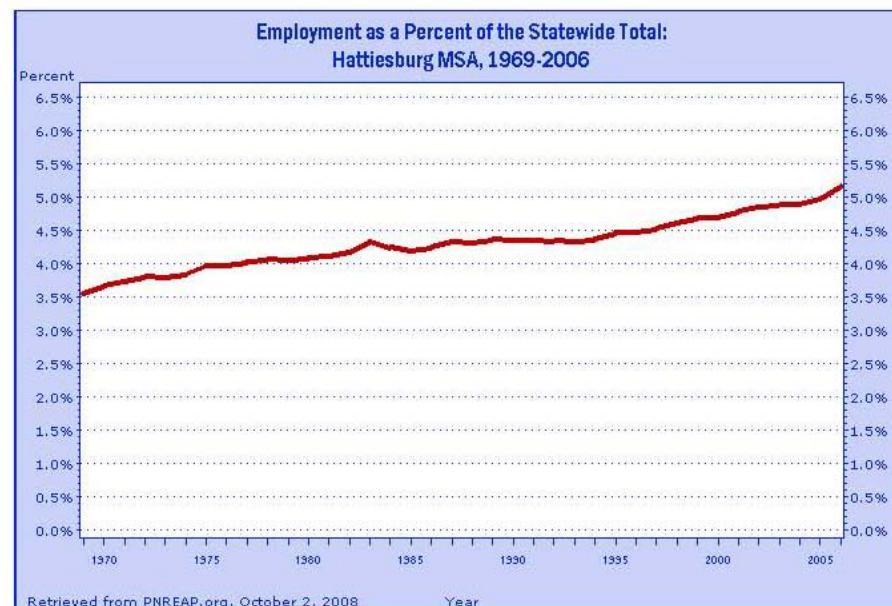


Figure 3.

Another way of highlighting the growth of Hattiesburg MSA's employment compared with the state at large is to trace its share of total state employment. A rising share means a county's employment grew faster--or declined less--than the state, while a declining share shows it grew slower.

In 1969, Hattiesburg MSA's employment made up 3.55% of total employment statewide, and in 2006 it accounted for 5.17%.

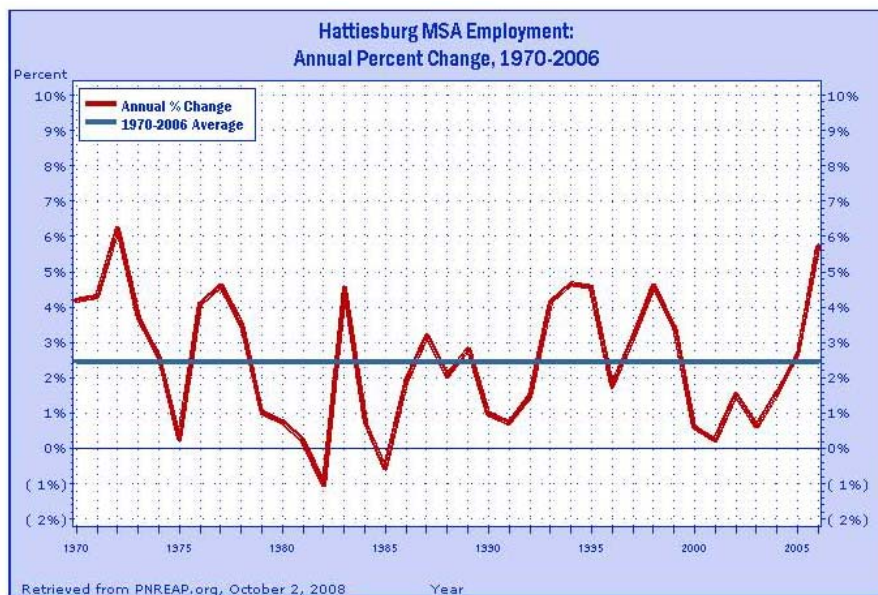


Figure 4.

Figure 4 highlights the short-run pattern of Hattiesburg MSA's employment growth by tracking the year-to-year percent change over 1969-2006. The average annual percent change for the entire 38-year period is also traced on this chart to provide a benchmark for gauging periods of relative high--and relative low--growth against the long-term trend.

Hattiesburg MSA's Employment grew on average at an annual rate of 2.47 % over 1969-2006.

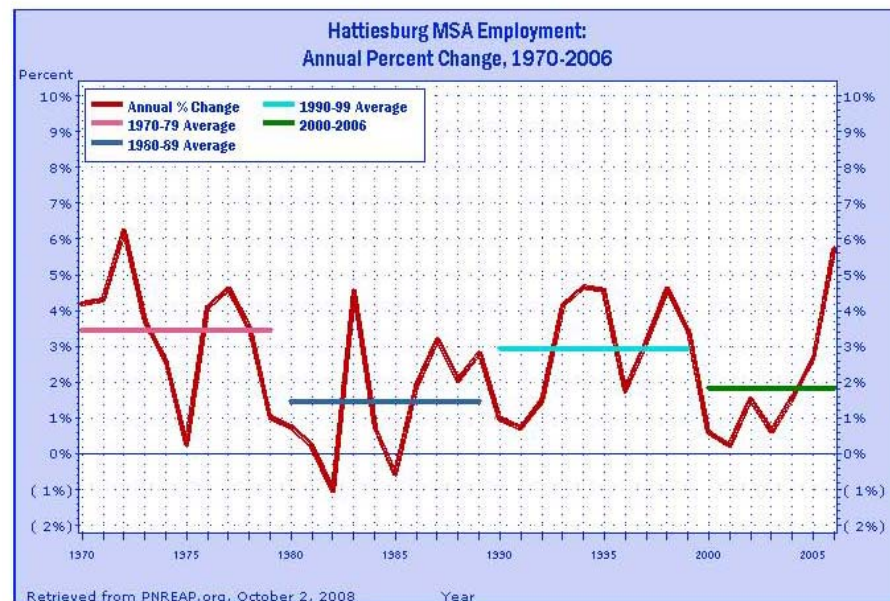


Figure 5.

Over the past three decades some counties, regions, and states have experienced extreme swings in growth, and often such swings have tended to coincide with the decades themselves. Figure 5 again traces the annual percent change in Hattiesburg MSA employment since 1969, but this time they are displayed with average growth rates for the decade of the 1970s, 1980s, the 1990s, and 2000-2006.

During the 1970s, Hattiesburg MSA's annual employment growth rate averaged 3.45%. It averaged 1.46% during the 1980s, 2.95% in the 1990s, and 1.84% thus far this decade (2000-2006).