

Annual FTE Program Distributions for
TMS Division 1996 - 2005

*Prepared by the Office of Research
Teaming to Serve Research Needs of the College
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This report provides ten-year annual FTE graphs for each prefix or program within the TMS Division and for the Division overall.¹ For prefixes that moved to new divisions, effective the current fiscal year, graphs are provided in the “old” and “new” division. Division totals include FTE from prefixes assigned to the division on a year-by year basis only. Each graph shows both a prefix graph (with scale on the left) and an overall Harper graph (with scale on the right). Following the graphs, a table containing FTE values for each prefix is provided. Data were obtained from the Registrar’s Office.

Each graph has 10-year (1996-2005) and 5-year (2001-2005) *standardized beta* coefficients for linear trends reported. Trends significant at the .05 level are followed by *, trends significant at the .01 level are followed by **, and trends not significantly different from 0 (a horizontal line) are followed by ns. The standardized beta coefficients were obtained from *linear* regression analyses although some of the graphs are clearly not linear. Standardized coefficients were used to allow comparison of coefficients. Standardized beta coefficients range from -1 to +1 with zero indicating enrollment was steady (neither increasing nor decreasing by very much). Negative values indicate downward trends; positive values indicate upward trends.

A significant result indicates the presence of a significant linear component. A non-significant result indicates

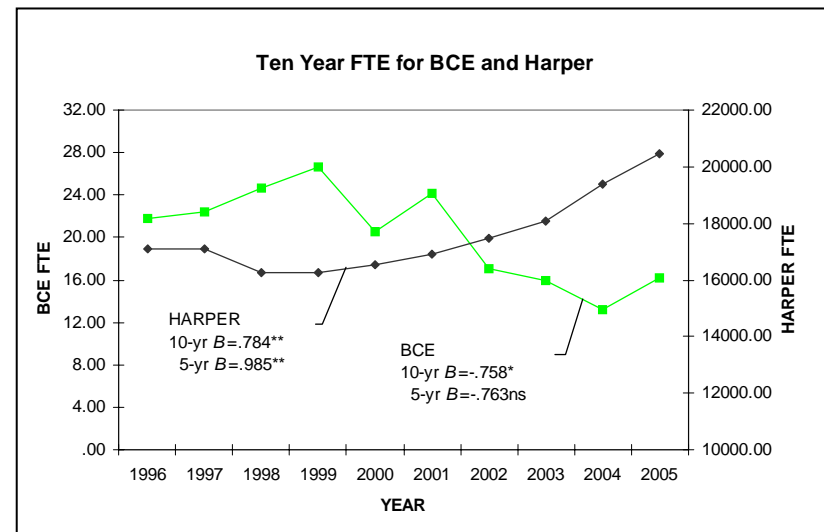
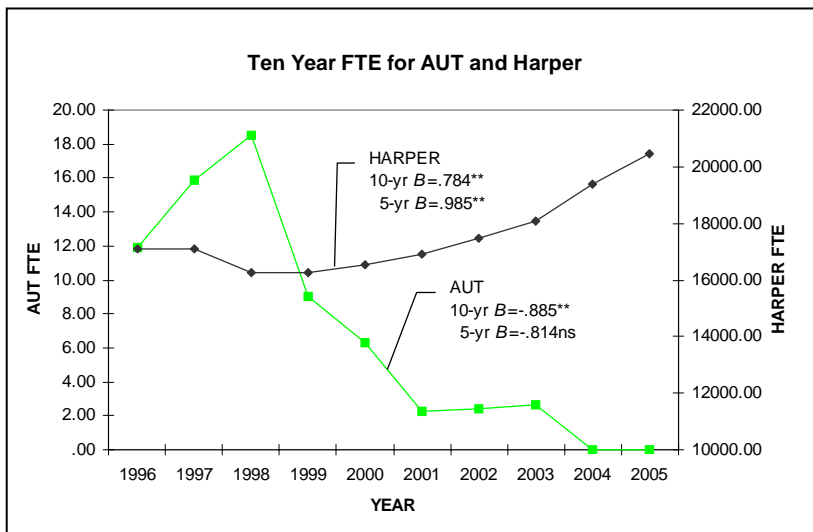
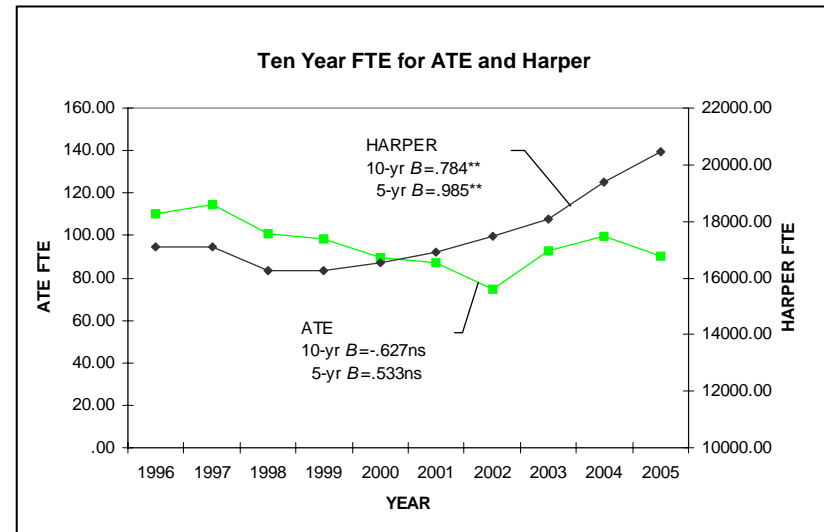
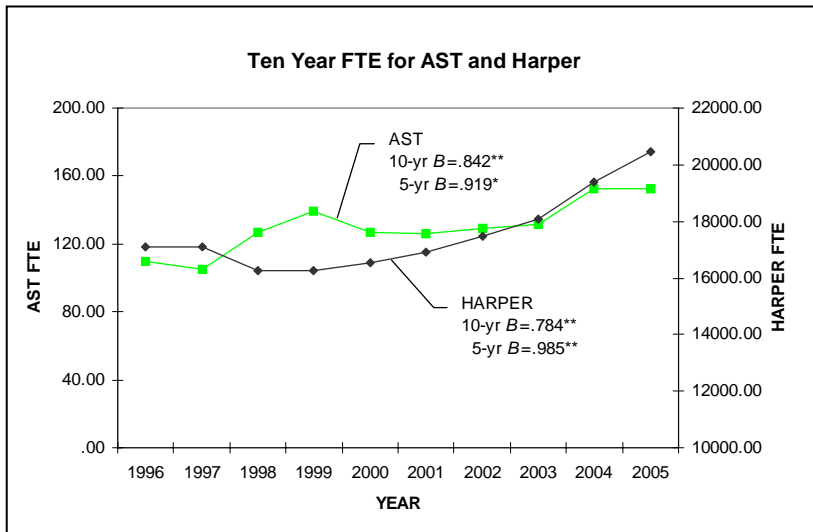
¹ No FTE graph for GRA program due to data for 2005 only.

either the FTE changed very little from year to year or no linear trend was present.

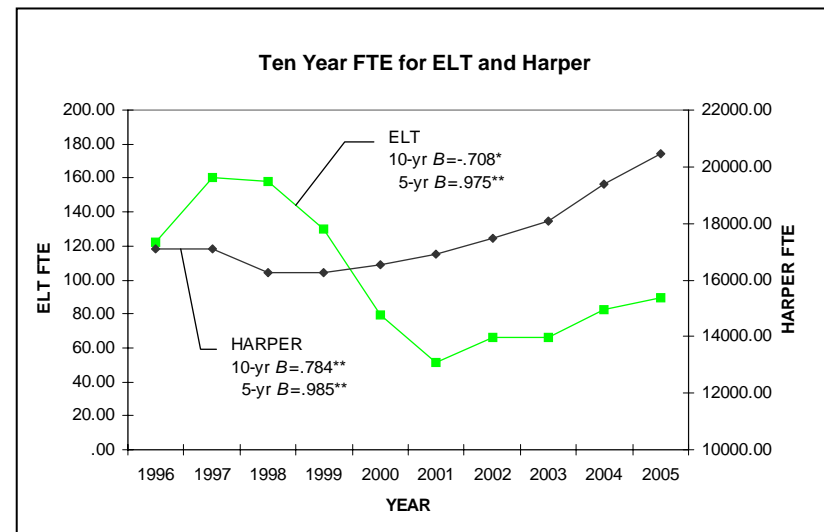
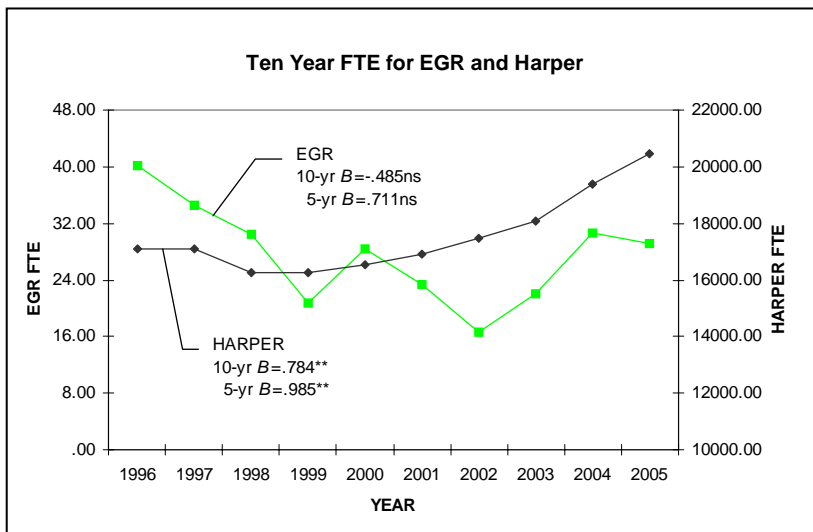
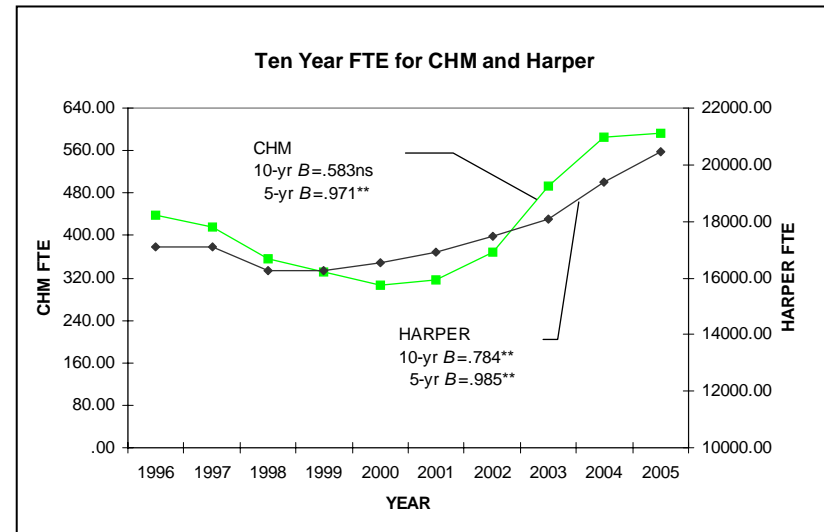
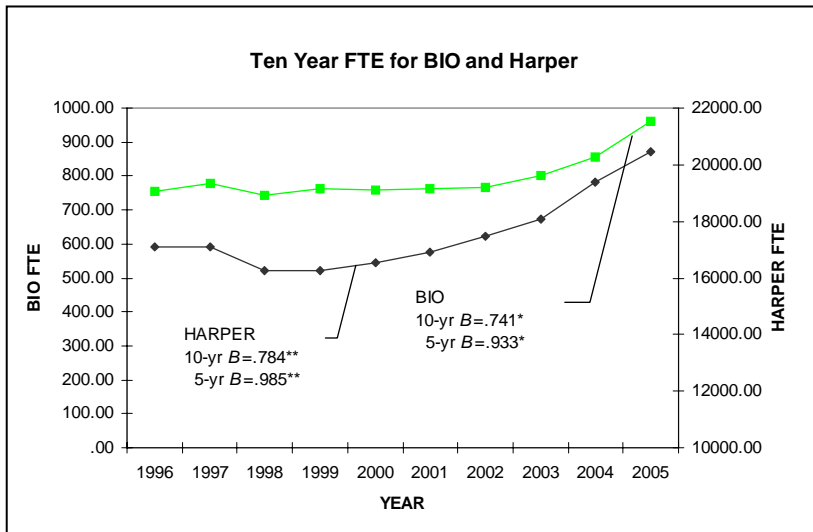
It should be noted that the left vertical axes on the graphs are set to different scales depending on the course prefix annual FTE. What may appear to be a steeper decline on a graph as compared to another graph may not be steeper due to the vertical scale. For example, on page 5 the 10-year graphs for MTH and PHS appear to be increasing at the same rate, but MTH is increasing at a faster rate

Some general comments related to the graphs are given below:

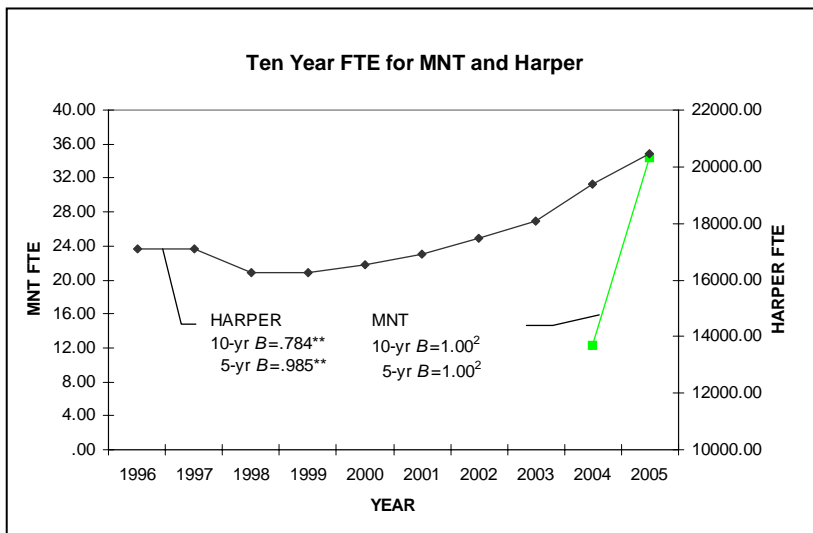
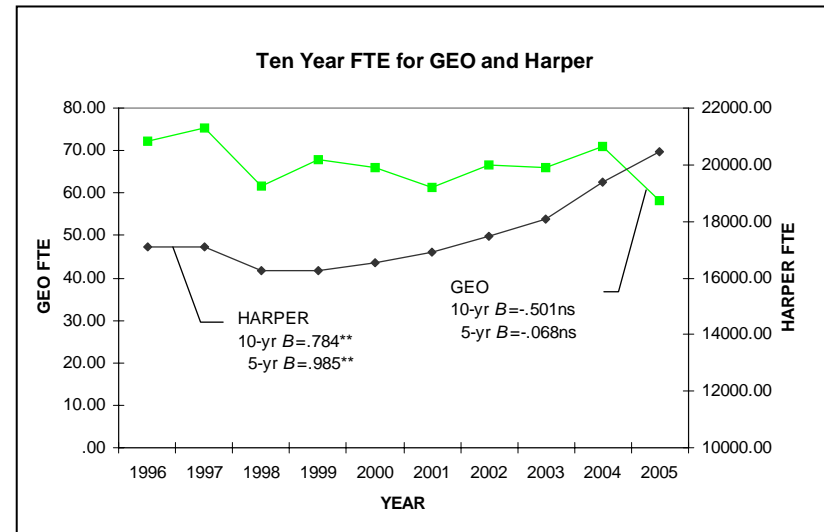
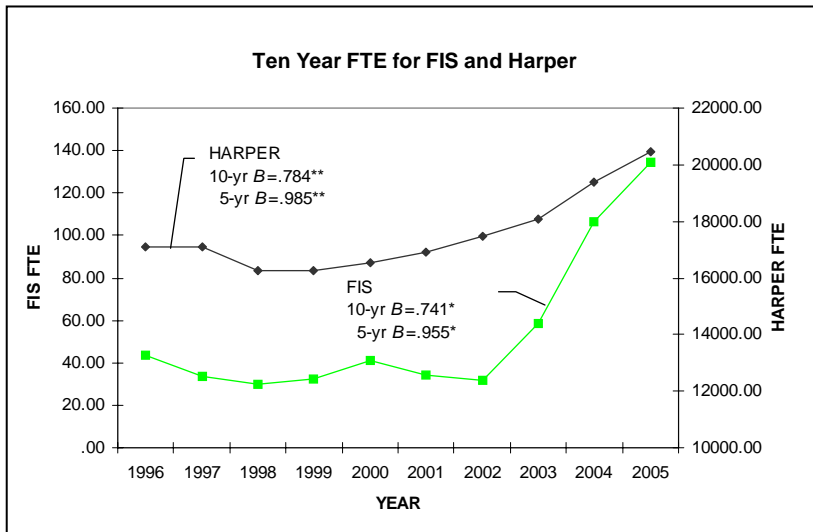
- The overall 10-year Harper trend and the Harper 5-year trend upward were significant. The TMS 10-year trend was not significantly different from 0, but the TMS 5-year trend was significant.
- AST, BIO, FIS, MTH, PHS, PHY, HRT/PST prefix annual FTE, and the HRT/PST/PKM prefix total had significant 10-year upward trends. AST, BIO, CHM, ELT, FIS, MTH, PHS, PHY, HRT/PST, the HRT/PST/PKM total, and the TMS Division had significant 5-year upward trends.
- AUT, BCE, and ELT exhibited significant 10-year downward trends.
- CSC exhibited a significant 5-year downward trend.



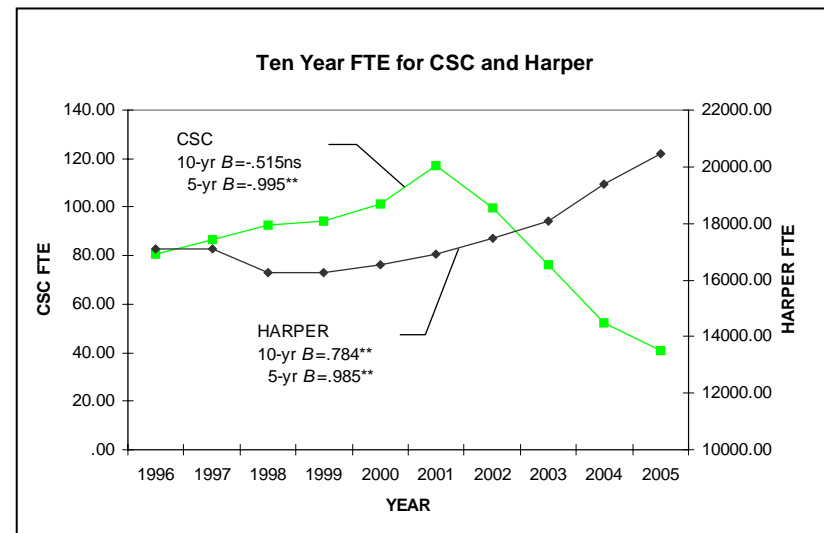
*Significant at the .05 level. **Significant at the .01 level.



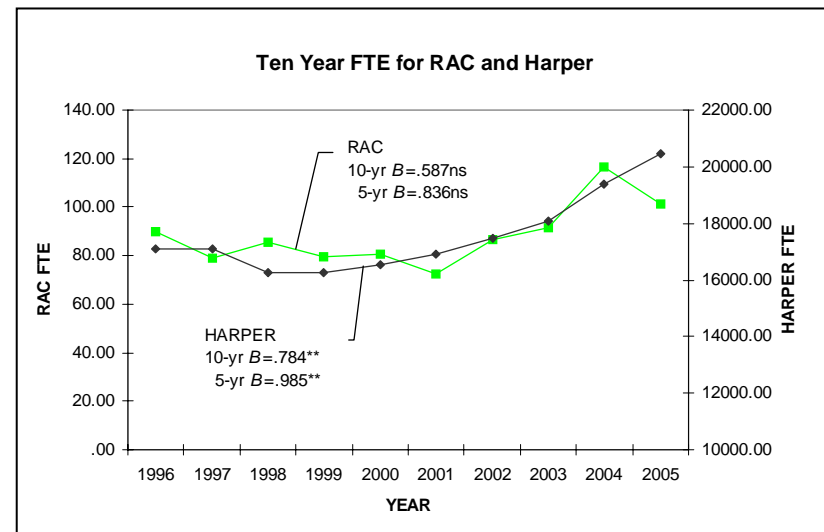
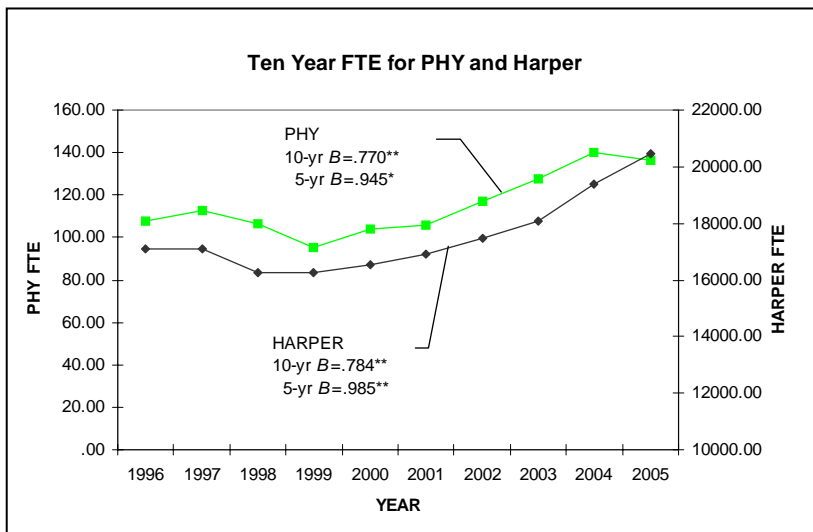
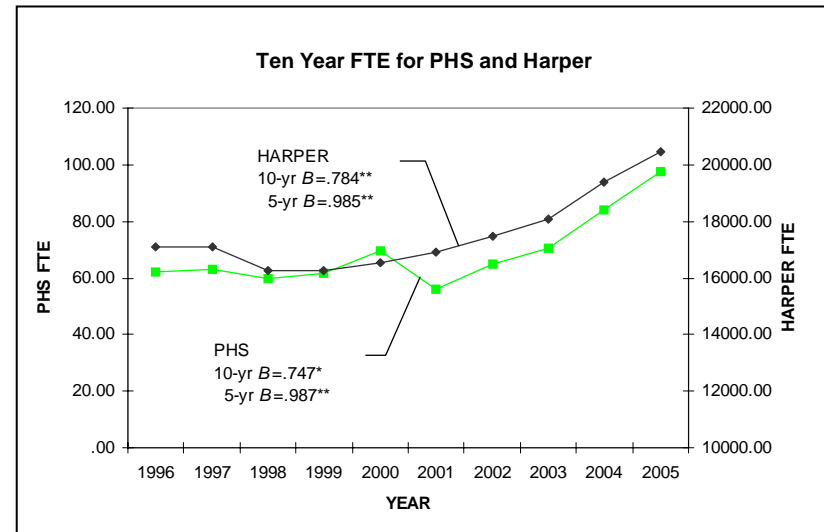
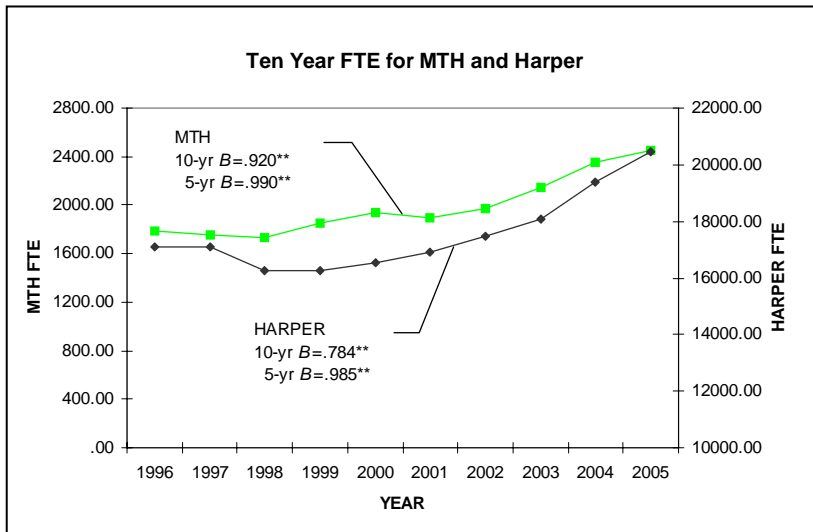
*Significant at the .05 level. **Significant at the .01 level.



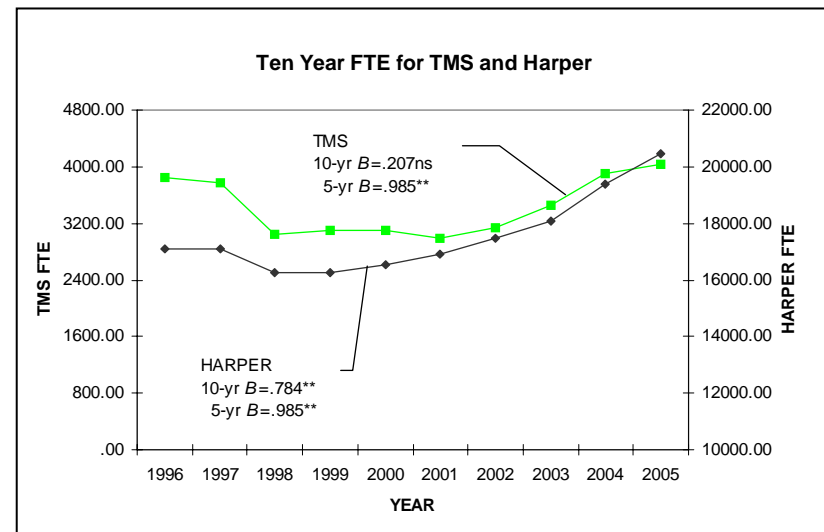
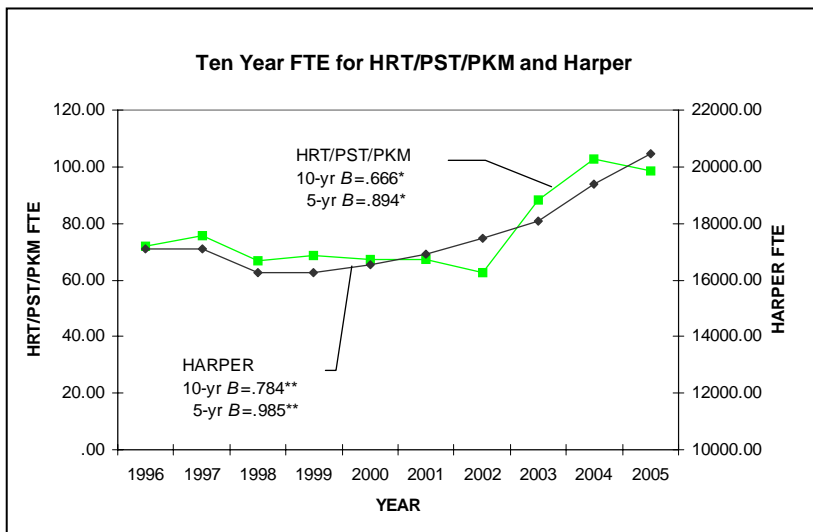
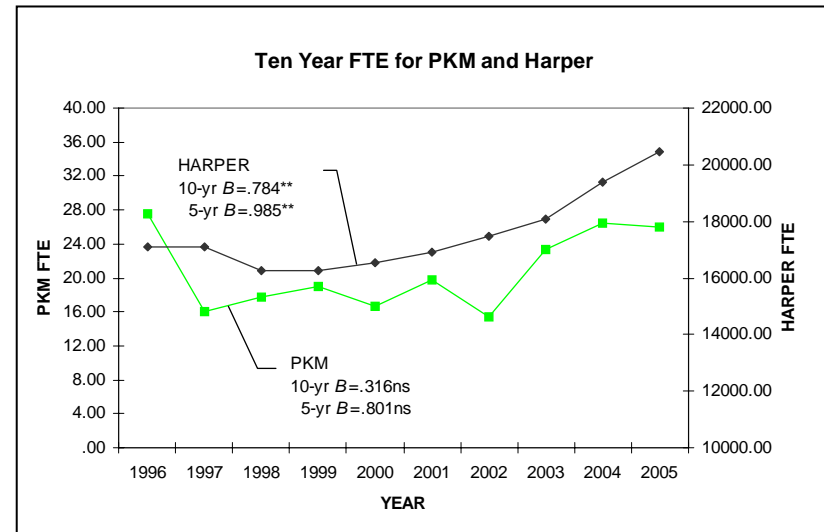
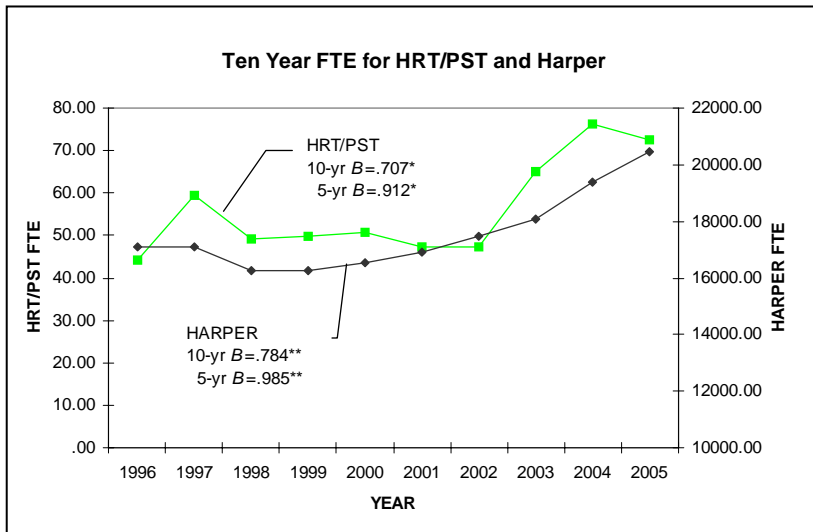
² Beta coefficient significance for MNT cannot be computed.



*Significant at the .05 level. **Significant at the .01 level.



*Significant at the .05 level. **Significant at the .01 level.



*Significant at the .05 level. **Significant at the .01 level.

YEAR	HARPER	AST	ATE	AUT	BCE	BIO	CHM	EGR	ELT	FIS	GEO	GRA
1996	17086.83	109.60	110.33	11.93	21.80	756.14	439.40	40.07	122.27	43.40	72.27	
1997	17113.04	105.33	114.53	15.87	22.40	776.73	416.93	34.47	160.60	33.47	75.20	
1998	16258.95	126.60	100.60	18.50	24.60	744.13	356.70	30.40	158.06	29.80	61.60	
1999	16233.55	138.93	98.33	9.00	26.60	760.80	330.40	20.73	129.87	32.20	68.00	
2000	16556.64	126.93	89.53	6.27	20.60	758.13	306.53	28.47	79.67	41.20	66.13	
2001	16894.17	126.40	87.27	2.27	24.20	761.93	317.07	23.33	51.13	34.20	61.33	
2002	17453.43	128.80	74.53	2.40	17.00	764.60	368.60	16.53	65.93	32.00	66.67	
2003	18073.03	131.47	92.67	2.67	16.00	802.60	493.60	22.00	66.47	58.60	65.87	
2004	19366.42	152.53	99.87	0.00	13.20	856.60	584.93	30.67	82.67	106.20	70.93	
2005	20464.20	152.53	90.27	0.00	16.20	962.67	591.93	29.07	89.53	134.53	58.13	12.60

YEAR	HARPER	MNT	CSC	MTH	PHS	PHY	RAC	HRT/PST	PKM	HRT/PST/PKM	TMS
1996	17086.83		80.40	1782.20	61.93	107.93	89.73	44.33	27.53	71.86	3850.52
1997	17113.04		86.67	1754.79	63.13	112.93	79.20	59.47	16.06	75.53	3773.91
1998	16258.95		92.40	1732.40	59.70	106.30	85.60	49.13	17.67	66.80	3036.36
1999	16233.55		94.27	1850.67	61.67	95.13	79.27	49.87	18.93	68.80	3095.47
2000	16556.64		101.20	1941.67	69.47	104.20	80.47	50.73	16.73	67.46	3107.07
2001	16894.17		117.13	1891.67	55.93	106.00	72.53	47.40	19.80	67.20	2991.86
2002	17453.43		99.67	1968.20	65.13	117.00	86.80	47.33	15.40	62.73	3129.52
2003	18073.03		76.07	2143.20	70.40	127.87	91.40	65.13	23.27	88.40	3458.49
2004	19366.42	12.33	52.40	2348.93	84.07	140.20	116.67	76.40	26.53	102.93	3896.33
2005	20464.20	34.40	40.73	2456.13	97.47	136.60	101.07	72.53	26.00	98.53	4041.52