

Annual FTE Program Distributions for
MS Division 1999 - 2008

*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 MS Division and for the Division overall. 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.

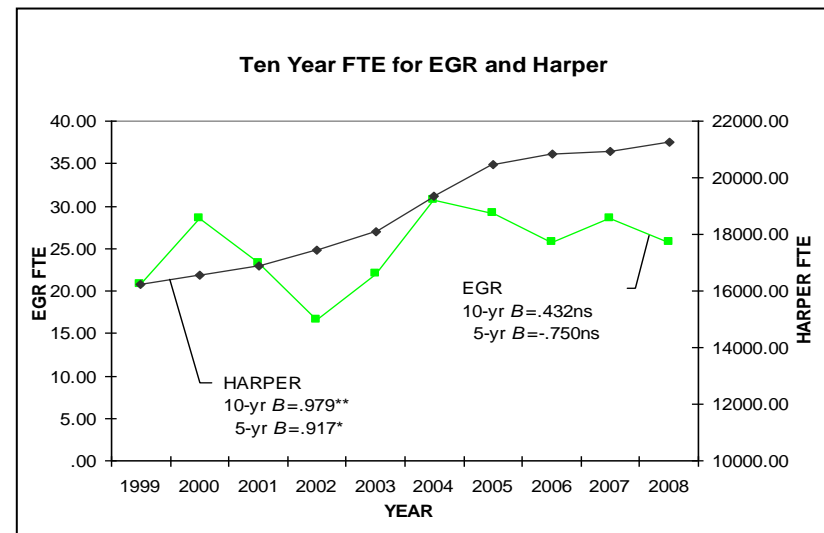
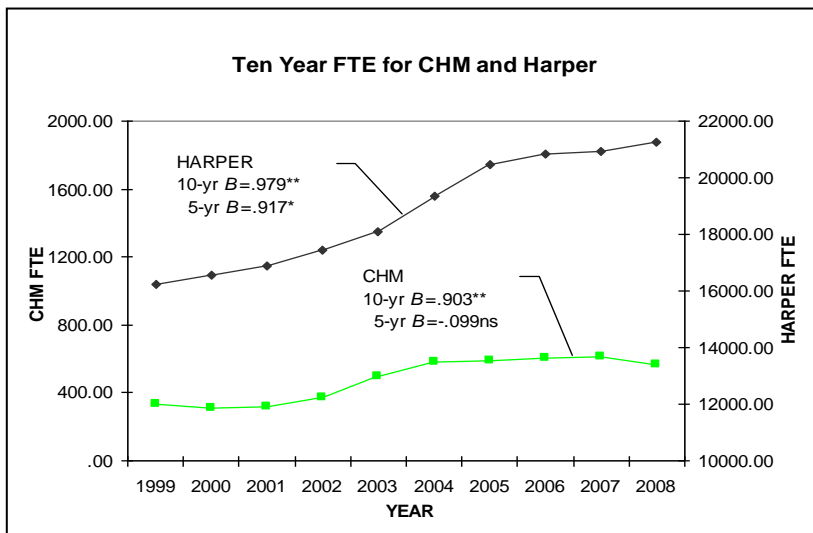
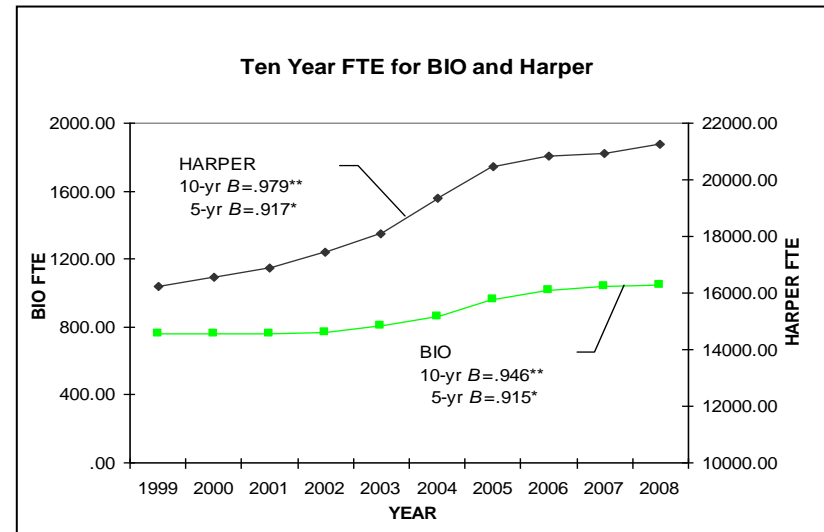
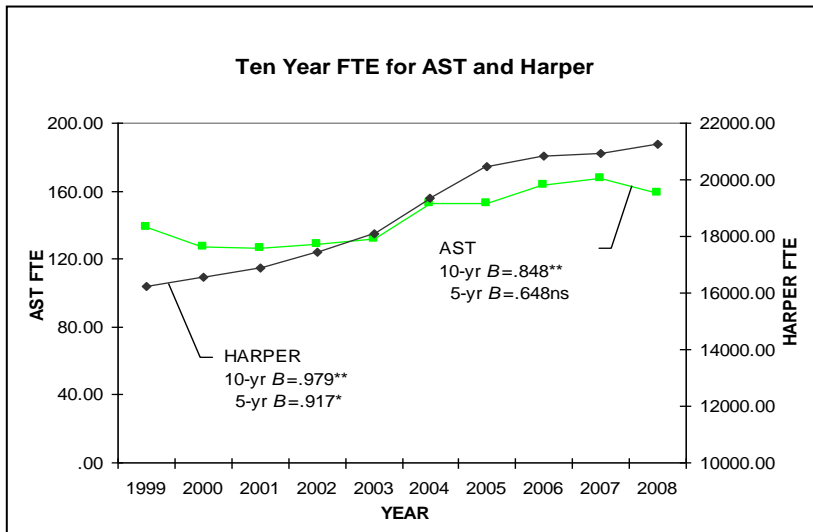
Each graph has 10-year (1999-2008) and 5-year (2004-2008) *standardized beta* coefficients for linear trends reported. Trends significant at the .05 level are followed by *, trends significant at the .01 level are followed by **, and trends not significantly different from 0 (a horizontal line) are followed 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 either the FTE changed very little from year to year or no linear trend was present.

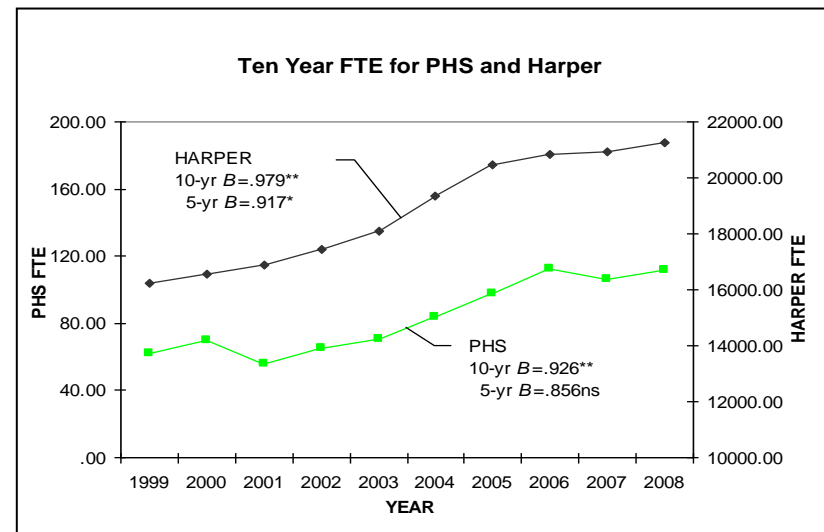
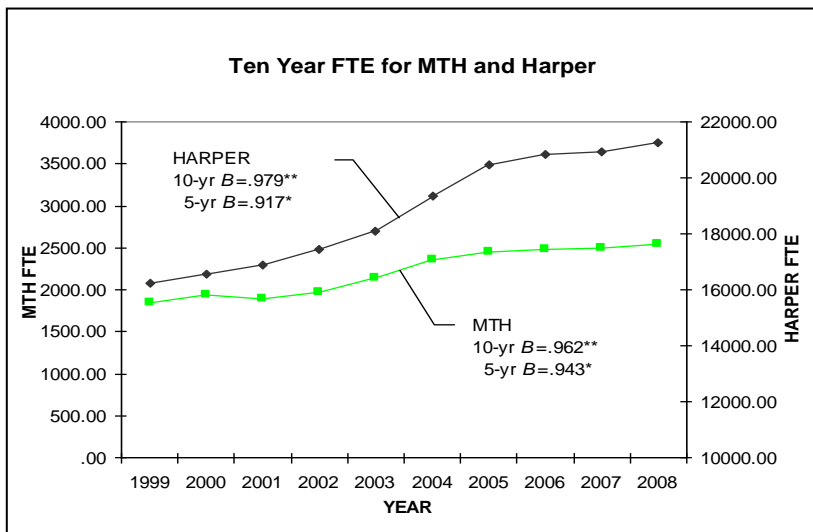
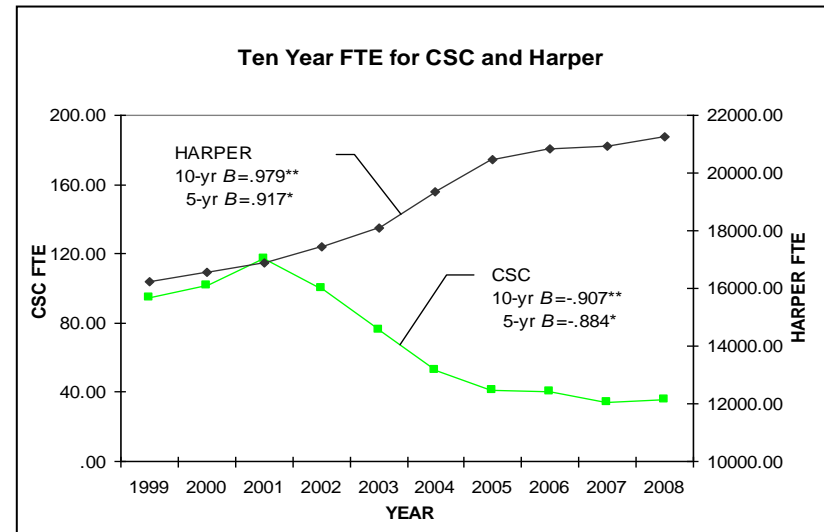
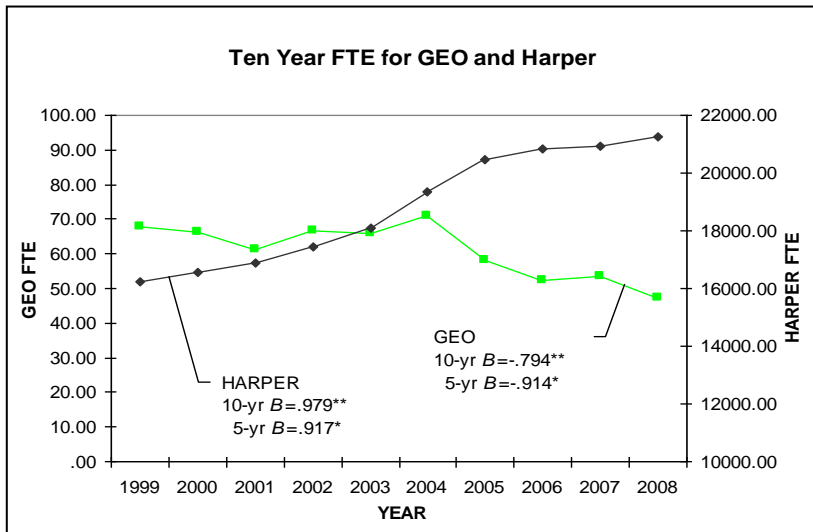
It should be noted that the left vertical axes on the graphs are set to different scales depending on the course prefix annual FTE. What may appear to be a steeper decline on a graph as compared to another graph may not be steeper due to the vertical scale.

Some general comments related to the graphs are given below:

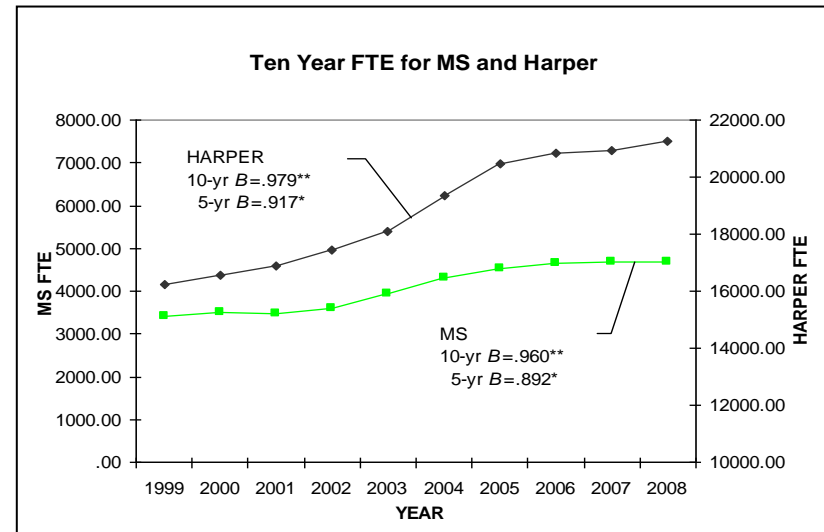
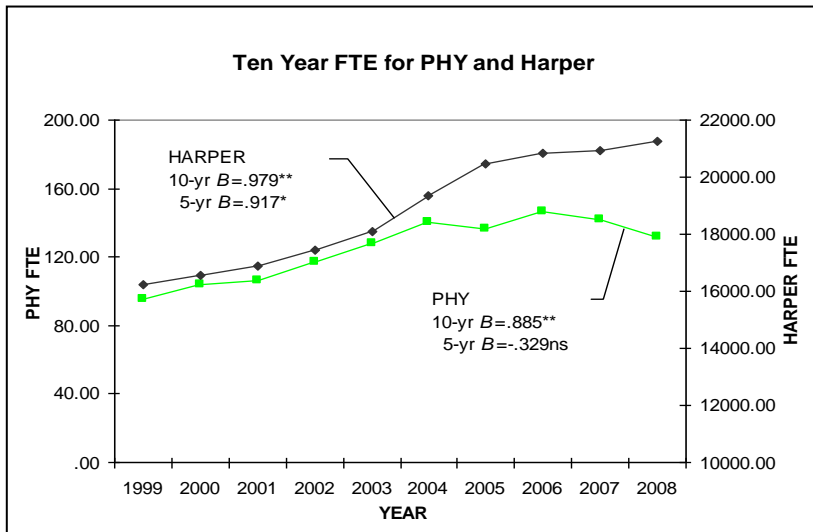
- The overall 10-year Harper trend and the Harper 5-year trend were significantly positive. The MS 10-year and 5-year trends were significantly positive.
- AST, BIO, CHM, MTH, PHS, and PHY prefix annual FTE and the MS Division graphs had significant 10-year upward trends, while BIO and MTH prefix annual FTE and MS Division graphs had significant 5-year upward trends.
- GEO and CSC exhibited significantly negative 10-year and 5-year trends.



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



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YEAR	HARPER	AST	BIO	CHM	EGR	GEO	CSC	MTH	PHS	PHY	MSdiv
1999	16233.55	138.93	760.80	330.40	20.73	68.00	94.27	1850.67	61.67	95.13	3420.93
2000	16556.64	126.93	758.13	306.53	28.47	66.13	101.20	1941.67	69.47	104.20	3503.86
2001	16894.17	126.40	761.93	317.07	23.33	61.33	117.13	1891.67	55.93	106.00	3462.39
2002	17453.43	128.80	764.60	368.60	16.53	66.67	99.67	1968.20	65.13	117.00	3596.33
2003	18073.03	131.47	802.60	493.60	22.00	65.87	76.07	2143.20	70.40	127.87	3933.28
2004	19366.49	152.53	856.60	584.93	30.67	70.93	52.40	2348.93	84.07	140.20	4321.99
2005	20464.40	152.53	962.67	591.93	29.07	58.13	40.73	2456.13	97.47	136.60	4525.59
2006	20836.61	163.47	1014.40	601.60	25.67	52.27	40.47	2487.40	112.60	146.47	4644.42
2007	20921.20	167.73	1041.40	616.13	28.53	53.33	34.40	2502.73	106.33	141.67	4692.32
2008	21242.94	158.67	1043.20	567.07	25.80	47.47	35.73	2549.87	112.00	132.00	4671.94