

Annual FTE Program Distributions for
TMPS Division 1995 - 2004

Office of Research
Teaming to Serve Research Needs of the College
February 1, 2005

The following pages provide ten-year annual FTE graphs for each prefix or program within the TMPS Division and for the Division overall. 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.

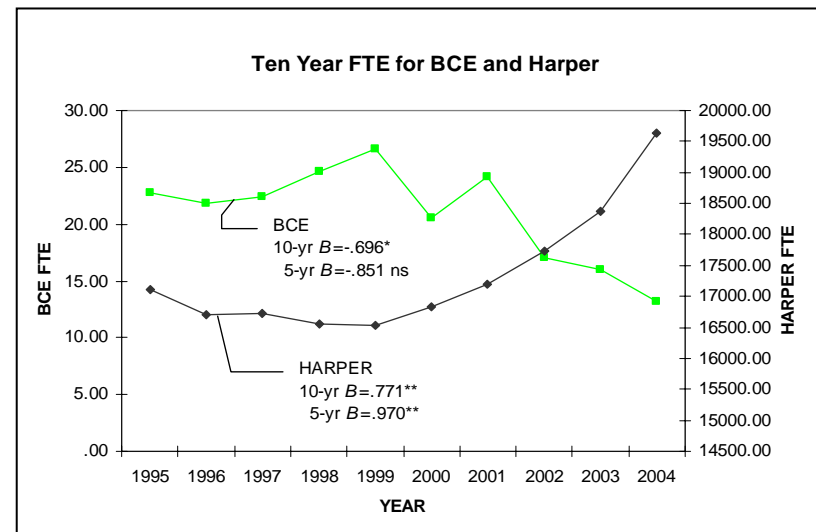
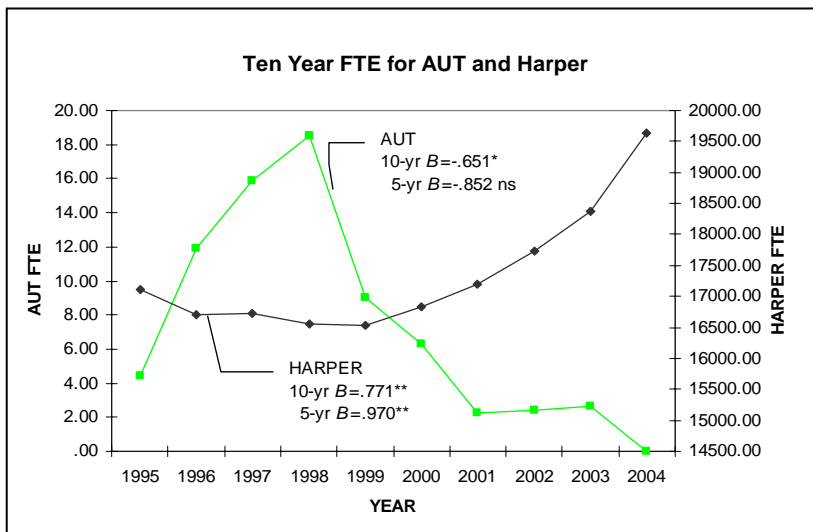
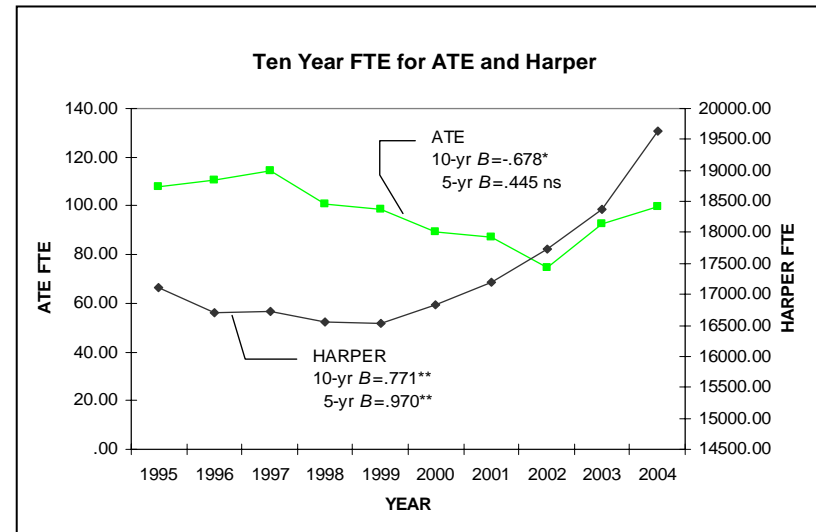
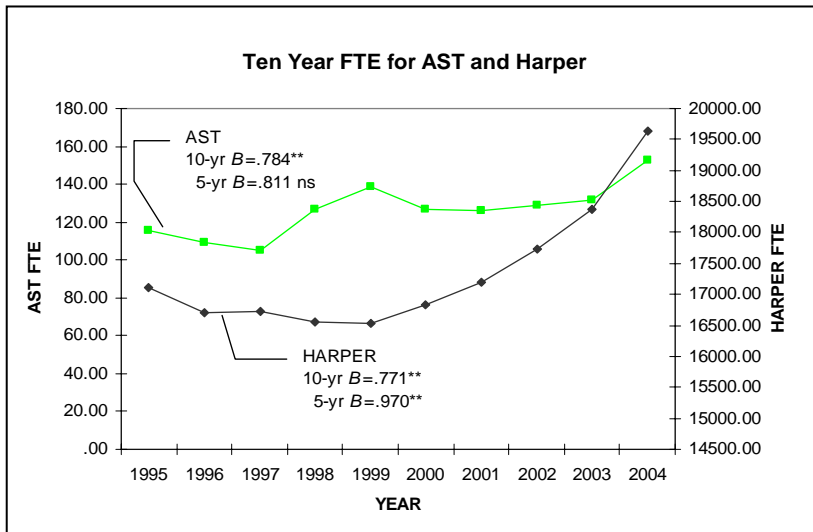
Each graph has 10-year (1995-2004) and 5-year (2000-2004) *standardized beta* coefficients for linear trends reported. Trends significant at the .05 level are followed by *, trends significant at the .01 level are followed by **, and trends not significantly different from 0 (a horizontal line) are followed 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. If the probability of obtaining a beta coefficient different from zero when there was no linear trend was less than .05, the trend line was considered significant. A non-significant result indicates either the FTE changed very little from year to year or no linear trend was present.

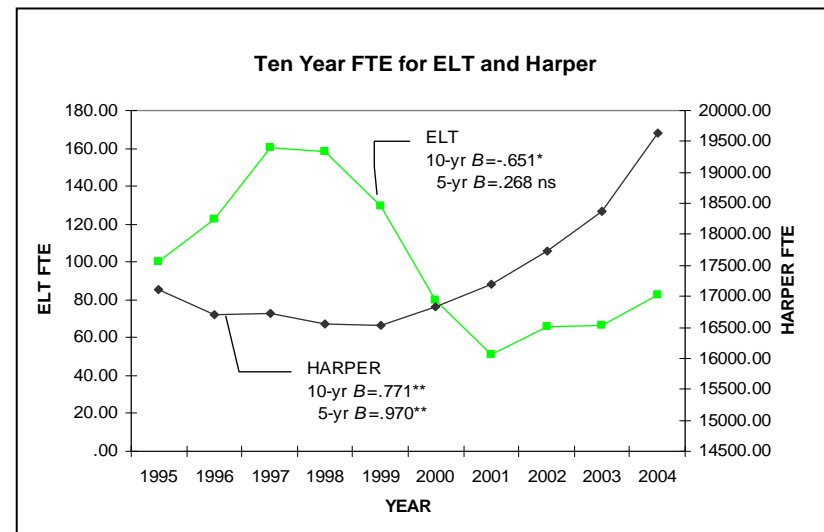
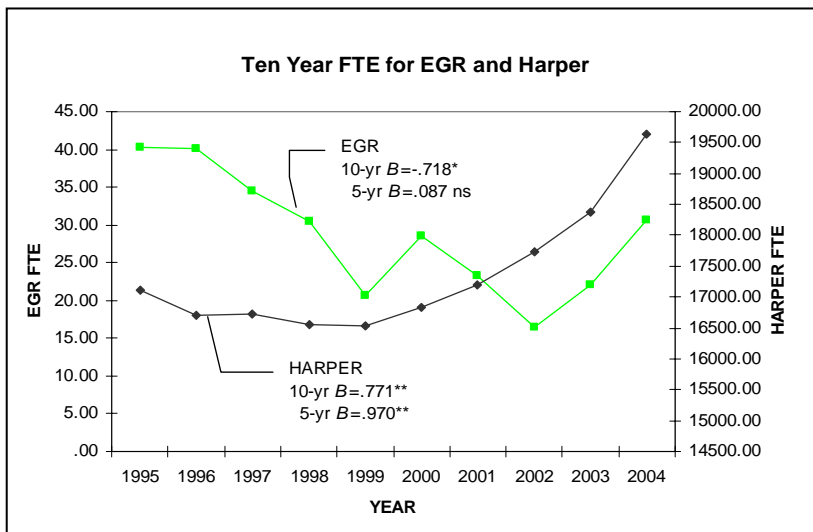
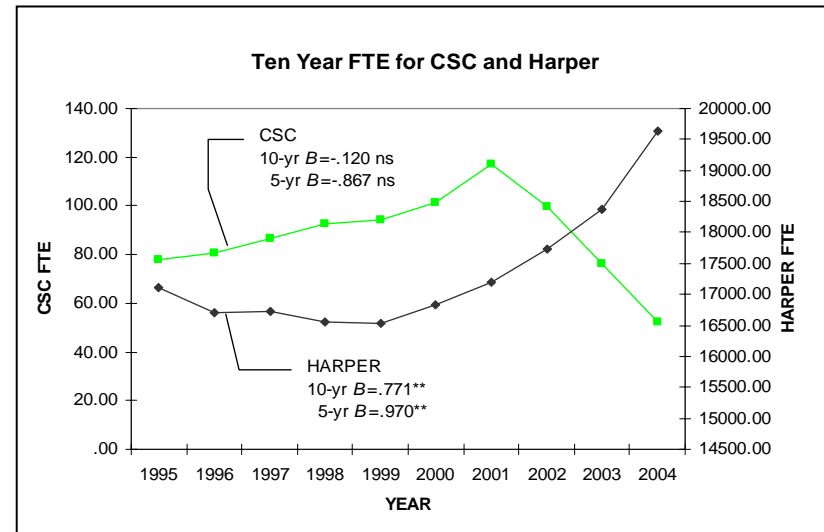
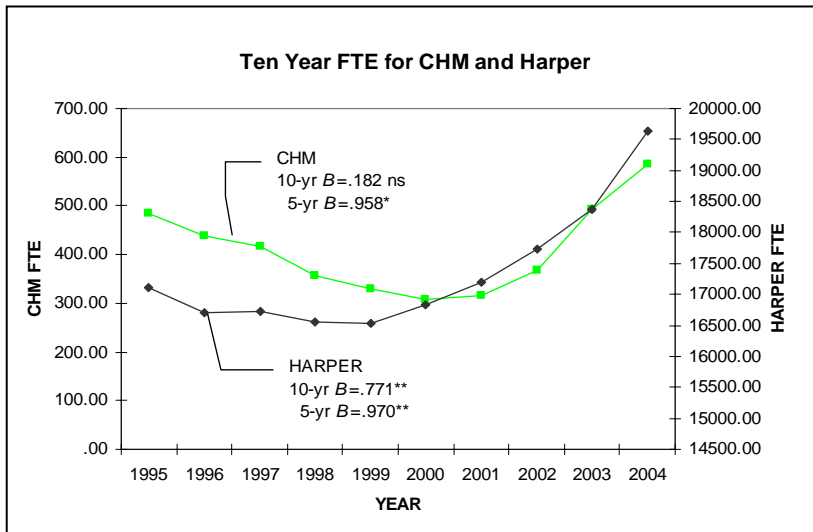
It should be noted that the left vertical axes on the graphs are set to different scales depending on the course prefix annual FTE. What may appear to be a steeper decline on a graph as compared to another graph may not be steeper due to the vertical scale.

Some general comments related to the graphs are given below:

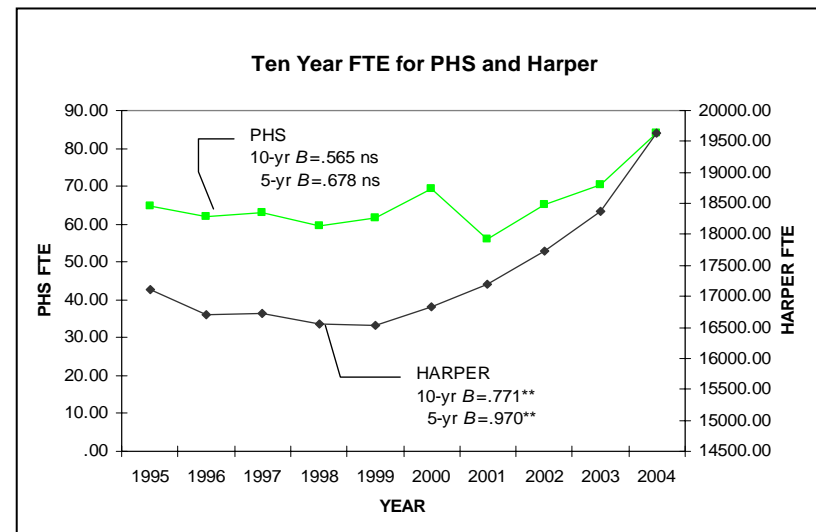
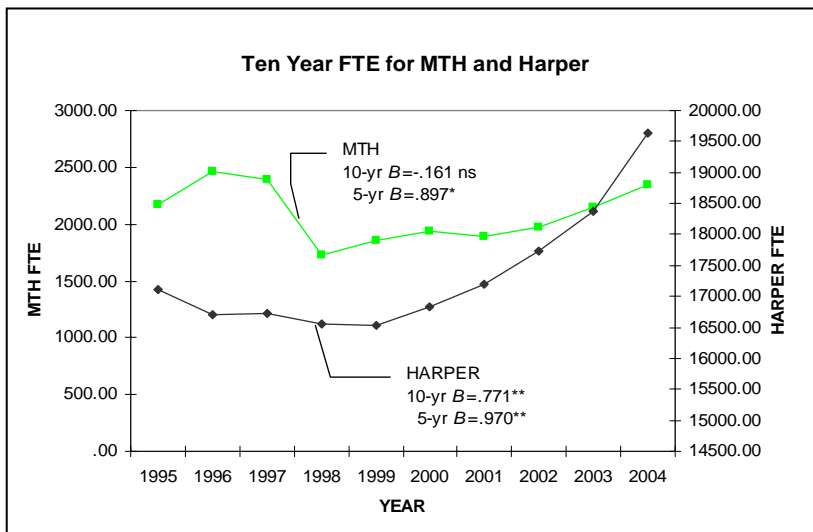
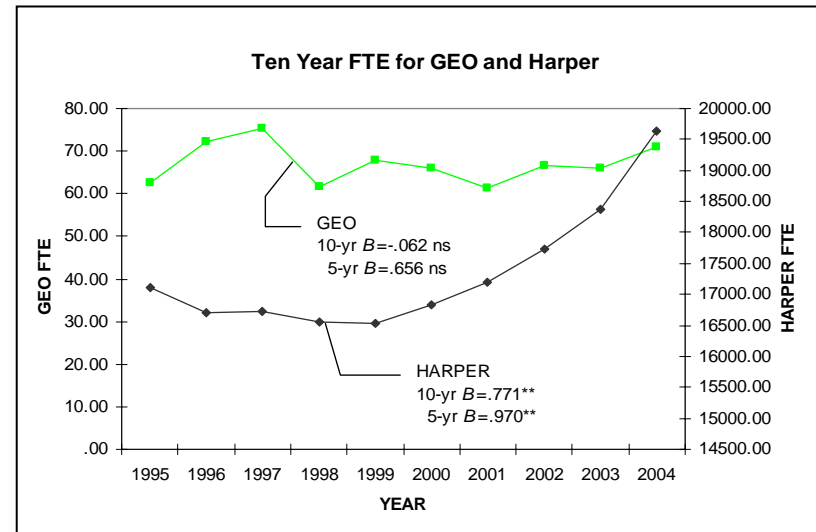
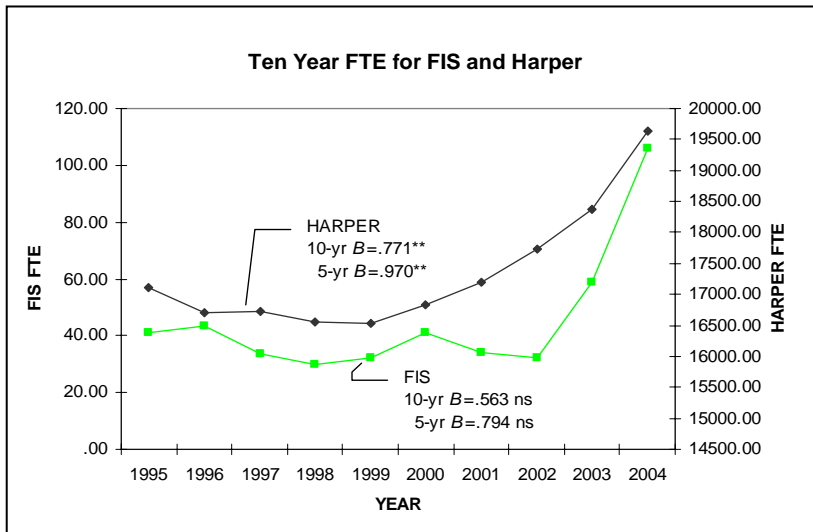
- The overall 10-year and 5-year Harper trends were significant.
- AST and PHY graphs had a significant 10-year upward trend. CHM, MTH, PHY and TMPS Division graphs exhibited a significant 5-year upward trend.
- ATE, AUT, BCE, EGR and ELT graphs had a significant 10-year downward trend.
- No prefixes exhibited a significant 5-year downward trend.



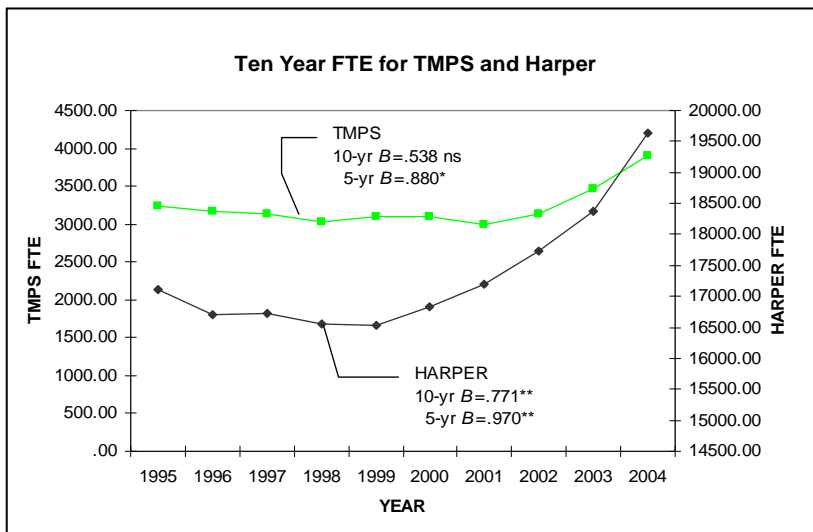
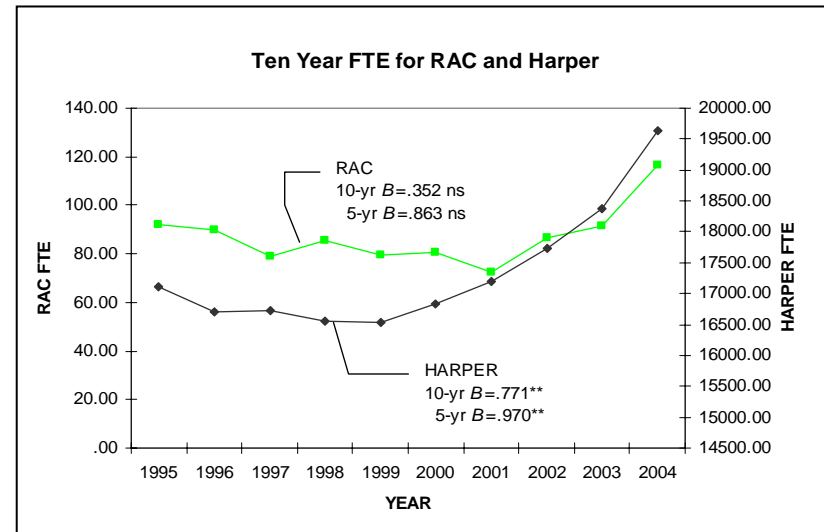
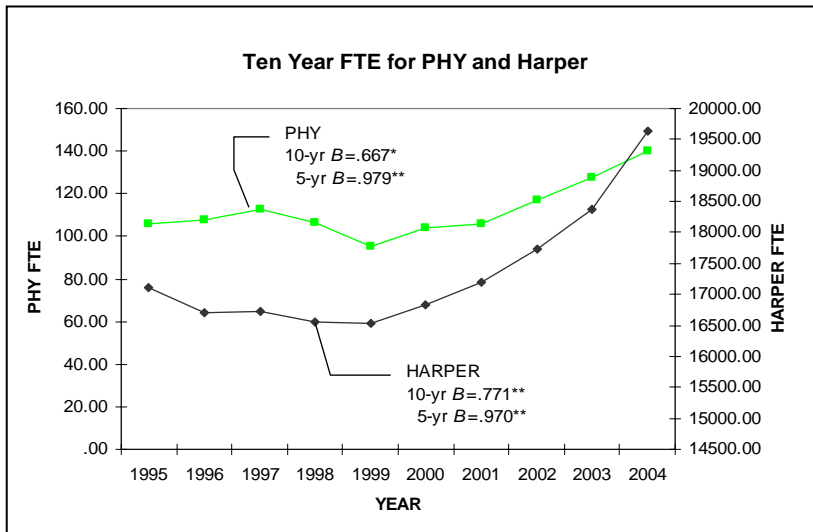
*Significant at the .05 level. **Significant at the .01 level.



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



*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	CHM	EGR	ELT	FIS	GEO	CSC
1995	17104.27	115.73	107.73	4.40	22.80	484.47	40.33	99.87	41.20	62.67	78.07
1996	16704.63	109.60	110.33	11.93	21.80	439.40	40.07	122.27	43.40	72.27	80.40
1997	16732.81	105.33	114.53	15.87	22.40	416.93	34.47	160.60	33.47	75.20	86.67
1998	16560.20	126.60	100.60	18.50	24.60	356.70	30.40	158.06	29.80	61.60	92.40
1999	16529.68	138.93	98.33	9.00	26.60	330.40	20.73	129.87	32.20	68.00	94.27
2000	16836.70	126.93	89.53	6.27	20.60	306.53	28.47	79.67	41.20	66.13	101.20
2001	17198.37	126.40	87.27	2.27	24.20	317.07	23.33	51.13	34.20	61.33	117.13
2002	17734.49	128.80	74.53	2.40	17.00	368.60	16.53	65.93	32.00	66.67	99.67
2003	18373.16	131.47	92.67	2.67	16.00	493.60	22.00	66.47	58.60	65.87	76.07
2004	19635.62	152.53	99.87	0.00	13.20	584.93	30.67	82.67	106.20	70.93	52.40

YEAR	MTH	MNT	PHS	PHY	RAC	TMPS
1995	2171.01		64.80	106.13	92.27	3232.95
1996	2468.60		61.93	107.93	89.73	3164.12
1997	2387.18		63.13	112.93	79.20	3141.52
1998	1732.40		59.70	106.30	85.60	3036.36
1999	1850.67		61.67	95.13	79.27	3095.47
2000	1941.67		69.47	104.20	80.47	3107.07
2001	1891.67		55.93	106.00	72.53	2991.86
2002	1968.20		65.13	117.00	86.80	3129.52
2003	2143.20		70.40	127.87	91.40	3458.49
2004	2348.93	12.33	84.07	140.20	116.67	3896.33