

## Microcomputer Proficiency Exam Practice Exam #1

Below are data for the median family income in the United States by Race and Hispanic Origin, for the years 1972-1987. The data are in current dollars.

1. Convert the current dollar figures into constant dollars (i.e., control for inflation). The formula for converting constant dollars into current dollars is:

$$\text{constant dollars} = \text{current dollars} / (\text{CPI-U} * 0.01)$$

Calculate constant dollars for each of the categories: All Families, White, Black, and Hispanic. (The CPI-U figures have a 1982-84 as the base year. Therefore, the constant dollars will be in 1982-84 dollars.)

2. Create one line graph to compare the trends for the three racial/ethnic groups (i.e., White, Black, Hispanic) (use the constant dollar figures).

3. Create a memo in Word comparing the trend for median family income for the three groups over the past 15 years. Import your graph into your Word memo.

Save your documents with the filename: INCxxx (where xxx are your initials). (Note: You should save two files. One should be an EXCEL document and the other should be a Word document.)

Median Family Income by Race and Hispanic Origin, 1960-87  
(in current dollars)

Year	All Families	White	Black	Hispanic	CPI-U
1972	11116	11549	6864	8183	41.8
1973	12051	12595	7269	8715	44.4
1974	12902	13408	8006	9540	49.3
1975	13719	14268	8779	9551	53.8
1976	14958	15537	9242	10259	56.9
1977	16009	16740	9563	11421	60.6
1978	17640	18368	10879	12566	65.2
1979	19587	20439	11574	14169	72.6
1980	21023	21904	12674	14716	82.4
1981	22388	23517	13266	16401	90.9
1982	23433	24603	13598	16227	96.5
1983	24674	25837	14561	16930	99.6
1984	26433	27686	15431	18832	103.9
1985	27735	29152	16786	19027	107.6
1986	29458	30809	17604	19995	109.6
1987	30853	32274	18098	20306	113.6