

MARYLAND INTERINDUSTRY FORECASTING PROJECT

Research Memorandum No. 13

CALCULATION OF EXOGENOUS EMPLOYMENT AND ITS CONTRIBUTION TO GNP

Six categories of employment are projected exogenously. These are:

1. Domestic Servants
2. State and Local Education
3. Defense Civilian, including AEC
4. Non-defense Federal, including NASA
5. Military
6. Other State and Local

The projection of education is based on the school-age population 5 to 19 and past trends in the ratio of this employment to the school-age population. This population is taken from the same series which we use for the consumption sector, namely, Census series C. This forecast for military expenditure varies with the defense alternative which we are using. The remaining four categories are forecasted by extrapolations of recent trends.

Each of these categories of employment must be multiplied by appropriate average compensation in the base year of the model, at present 1966. Because data on employment and compensation in these categories are not organized in a single source, we have put together in the attached table 1966 and 1967 figures with the sources from which they are obtained.

Calculation of Empex Cards
1966

Category	Employment		Employment Source	Compensation		Average 1966 Compensation
	1966	1967		1966	Source	
1. Domestic Servants	2558	2490	NA 6.3	4,028	NA 6.1	1.575
2. S&L Education	4305	4709	NA 6.3	23,616	NA 3.11	5.486
3. Defense Civilian	1145	1254	SAUS 67 Table 571	9,010	NA 3.11	7.869
4. Non-Defense Fed.	817	833	NA 6.3 line and 3 above	7,826	NA 3.11	9.579
5. Military	3156	3421	NA 6.3	15,753	NA 3.11	4.991
6. Other S&L	3723	3920	NA 6.3	20,311	NA 3.11	5.455

Sources: National Account Sources are referenced as NA followed by the table number.
SAUS 67 = Statistical Abstract of the United States, 1967.