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International Comparisons of Government Expenditure Revisited The Developing Countries, 1975–86

By Peter S. Heller and Jack Diamond



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Contents

		Page
Prefa	ce	v
1.	Introduction and Overview	1
JI.	Methodology Basic Regression Model The Data Estimation of IEC Indices Testing for a Change in Expenditure Priorities and in the Underlying Structural Equations Changes in Expenditure Priority Changes in the Underling Structural Expenditure Equation Normative Issues in Developing an IEC Index for Policy Analysis	3
111.	Expenditures Classified on a Functional Basis Empirical Results General Government Services Defense Education Health Social Security and Welfare Housing and Community Amenities Economic Services Agriculture Mining, Manufacturing, and Construction Electricity, Natural Gas, Steam, and Water Roads, Other Transport, and Communication Total Expenditure and Net Lending	9
IV.	Expenditures Classified on an Economic Basis Empirical Results Wages and Salaries Other Goods and Services Interest Payments Subsidies and Other Current Transfers Fixed Capital Assets Capital Transfers Net Lending	23

v.	Conclusion	Page
Appen I.	dices Determinants of Public Expenditure Review of the Literature Factor Analysis	34
II.	Statistical Tables	39
Refere	nces	76
TABL Section		
III.	 Determinants of Functional Expenditure Categories as Share of Gross Domestic Product, Pooled Data, 1978-86 Functional Expenditure Categories: International 	10
	Expenditure Comparison Indices, 1984-86, Using Pooled Structural Expenditure Equations for the Period 1978-86 3. Regional Average of International Expenditure	14
	Comparison Indices Observed Holding the Data Year Constant (1978-80) and Varying the Expenditure Structure: Functional Expenditures	17
	4. Regional Average of International Expenditure Comparison Indices Observed Holding the Equation Year Constant (1978-80) and Varying the Data Years: Functional Expenditures	19
IV.	5. Economic Categories of Expenditure: International Expenditure Comparison Indices, 1984-86, Using Pooled Structural Expenditure Equations for the Period 1978-86	24
	6. Determinants of Economic Categories of Expenditure as a Share of Gross Domestic Product, Pooled Data, 1978-86	26
	7. Regional Average of International Expenditure Comparison Indices Observed Holding the Data Year Constant (1978-80) and Varying the Expenditure Structure: Economic Expenditures	27
	8. Regional Average of International Expenditure Comparison Indices Observed Holding the Equation Year Constant (1978-80) and Varying the Data Years: Economic Expenditures	28
	9. Ratio of Actual Spending on Other Goods and Services to Actual Spending on Wages and Salaries 10. Coefficients Estimated in Period-Specific Equation of	29
	"Other Goods and Services"	29
Append	dix 11. Variables Used in Basic Regression Model	35
11.	12. Orthogonally Rotated Factor Matrix 13. Functional Expenditure Categories: International	38
	Expenditure Comparison Indices, Using Pooled Structural Expenditure Equations	40

	Page
14. Economic Categories of Expenditure: International	
Expenditure Comparison Indices, Using Pooled	
Structural Expenditure Equations	48
15. Aggregate Expenditure Categories: International	
Expenditure Comparison Indices. Using Pooled	
Structural Expenditure Equations	56
16. Functional Expenditure Categories: International	
Expenditure Comparison Indices, 1986, Using	
Structural Expenditure Equations for 1975-77,	
1978-80, 1981-83, and 1984-86	58
17. Economic Categories of Expenditure: International	20
Expenditure Comparison Indices, 1986, Using	
Structural Expenditure Equations for 1975-77,	
1978-80, 1981-83, and 1984-86	66
	00
18. Aggregate Expenditure Categories: International	
Expenditure Comparison Indices, 1986, Using	
Structural Expenditure Equations for 1975-77,	74
1978-80, 1981-83, and 1984-86	/4
CH + DEC	
CHARTS	
Section Variables and	
II. 1. Effects of a Change in Explanatory Variables on	
Expenditure	6
2. Effects of a Change in Structural Expenditure Equation	on
on Expenditure	7

The following symbols have been used throughout this paper:

- ... to indicate that data are not available;
- to indicate that the ligure is zero or less than half the final digit shown, or that the item does not exist;
 - between years or months (e.g., 1987-88 or January-June to indicate the years or months covered, including the beginning and ending years or months;
- 7 between years (e.g., 1987/88) to indicate a crop or fiscal (financial) year.
- "Billion" means a thousand million.

Minor discrepancies between constituent ligures and totals are due to rounding.

The term "country," as used in this paper, does not in all cases refer to a territorial entity that is a state as understood by international law and practice; the term also covers some territorial entities that are not states, but for which statistical data are maintained and provided internationally on a separate and independent basis.

Preface

This study appraises the changes that have taken place in the underlying structural relationships determining government expenditures between 1975 and 1986. During this period, the macroeconomic policy environment within which budgets were formulated changed dramatically. Budgetary constraints became tighter, and, for some countries, the availability of external resources became more limited. The study also updates an earlier study by Alan A. Tait and Peter S. Heller, *International Comparisons of Government Expenditure*, Occasional Paper No. 10 (Washington: International Monetary Fund, 1982), which provided an empirical basis for comparing government expenditures across countries.

The current study was prepared by Peter S. Heller, Chief, East Africa I Division, African Department, and Jack Diamond, Senior Economist, Budget and Expenditure Control Division, Fiscal Affairs Department. Research assistance was ably provided by Tarja Papavassiliou of the Fiscal Affairs Department. Anamaria Handford and Fiona Birrell provided exemplary secretarial assistance. The authors also wish to thank the editor, Juanita Roushdy of the External Relations Department, for her patience and attention to detail. The study has benefited from the helpful comments of Vito Tanzi, Alan A. Tait, and Richard Hemming. The opinions expressed are those of the authors and do not necessarily represent the views of the Fund.

I Introduction and Overview

The economic environment of the developing world changed markedly during the period 1975-86, with most countries forced into substantial programs of budgetary retrenchment and structural adjustment. While the conventional wisdom appears to suggest that the burden of adjustment in government budgets was borne by outlays on capital and nonwage operating and maintenance inputs. there have been only few attempts to empirically or analytically test these hypotheses (World Bank (1988) and Hicks (1989)). This study attempts to provide the empirical underpinnings for such an analysis. It addresses two critical questions: Has there been a change in the structural relationship between government expenditure shares and their underlying economic, social, and demographic determinants? Can we discern a significant change in the expenditure priorities of a country?

In answering these questions, the study also updates Tait and Heller's earlier econometric study. Which sought to provide an empirical framework for comparing government expenditure patterns across countries. While their so-called international expenditure comparison indices (IEC) have been frequently used to evaluate a government's expenditure profile, their results have become increasingly limited by the use of 1977 as a reference year. This study benefits from a longer time series data base—1975—86—allowing for an assessment of changes in structural relationships and in expenditure priorities. Unlike the Tait-Heller study, the focus here is only on the developing countries.

New issues are also raised that complicate the task of assessing a particular country's expenditure profile. What constitutes the "expected" expenditure share for any given set of underlying economic, social, and demographic characteristics may have changed over the last ten years in response to the budgetary pressures faced by many countries. Such changes pose interesting questions of policy

A study of this kind inevitably plays a number of roles. Some issues are of greater relevance to some readers than others. For the analyst of general policy developments, the remainder of this section, providing a broad overview of the results, is probably of greatest interest, though one should note that the focus here is on the movement of regional averages, rather than on a discussion of individual country results. Although some of the flavor of the results is lost from such summary measures, particularly the variability in results across countries within a region, there is a net gain in simplifying the interpretation of the results.

Section II discusses the methodological problems in analyzing the determinants of government expenditure patterns, and the issues involved in making cross-country expenditure comparisons, and the problems confronting country economists in assessing a country's expenditure profile. For the country analyst, the results in Sections III and IV (and in Appendix Tables 13–18) provide not only the most recent IEC indices on a functional and an economic basis, but also indicate the changes in the different expenditure indices over time. Sections III and IV also provide a detailed description of the equations used to estimate the different expenditure shares and comment on any changes in the underlying structural relationships over the period 1975–86.

Have the fiscal adjustments required of most countries since the late 1970s led to a significant shift in expenditure priorities? In both Africa and Asia, a common trend in changing budget priorities emerges. Education, health, and housing and community amenity services appear to have maintained and even strengthened their expenditure shares in gross domestic product (GDP) relative to what

assessment. Should a country compare itself contemporaneously with other countries similarly faced with severe financial constraints, or should the norm be the expenditure pattern prevailing under earlier and perhaps more relaxed budgetary conditions?

Tait and Heller (1982).

If thus excludes Australia, Austria, Belgium, Canada, Deimark, Finland, France, the Federal Republic of Germany, Iceland, Ireland, Italy, Japan, Luxemburg, the Netherlands, New Zealand, Norway, Spain, Sweden, Switzerland, the United Kingdom, and the United States. Also excluded, owing to the lack of data on expenditure at lower levels of poveriment, are countries with decentralized federal systems, such as Brazil, India, and Nigeria.

³A country is defined to attach higher priority to a category of expenditure over time if there is an increase in the ratio of actual-to-predicted expenditure (holding the underlying estimating equation constant over the period of comparison).

would have been predicted. In Africa, the pressures of adjustment have led to a downward shift in the expenditure shares for general public services, defense, social security and welfare, and transport and communications. In Asia, the adjustment in these sectors is less marked, if measured only by the lack of any systematic decline in priority attached to general public services, defense, social security, and welfare. Nevertheless, the squeeze on economic services is clear. With the exception of the agricultural sector (whose priority increases), the expenditure shares for roads, mining and manufacturing, and gas and electricity all decline relative to their predicted values.

Surprisingly, the results for the developing countries in the European region are almost identical to those observed in Africa, with the key exception being an increased priority for expenditure on social security and welfare and a decline in the priority attached to education.

The results for the Middle Eastern countries are interesting because of the marked change in expenditure priorities observed after 1983. One observes a striking increase in the ratio of actual to predicted expenditure shares for almost all sectors between 1978–80 and 1981–83, the sole exception being the transport and housing sectors. After the fall in oil prices, there is an obvious reversal, with a reduced priority attached to health, social security and welfare, and economic services (particularly mining and manufacturing, gas and electricity, and roads).

For the Western Hemisphere countries, a different pattern emerges, with a higher priority attached to outlays on defense, social security, and welfare, relative particularly to some of the economic sectors (notably agriculture, gas and electricity, and transport).

As between the different economic categories of expenditure (e.g., wages, other goods and services, capital expenditure, etc.), the results for the African region suggest a clear shift away from capital expenditure and toward interest, subsidies and transfers, and other goods and services. The shift toward spending on other goods and services is particularly surprising, since the conventional wisdom is that such nonwage operations and maintenance-type outlays have been relatively disadvantaged. In part, this result needs to be tempered by the recognition of the high degree of intraregional variability in this variable. Equally important, the results also suggest that there has been a reallocation of expenditure on other goods and services across sectors, with a bias toward defense and general administration (see Section IV, below).

In Asia and Europe, one observes an increased priority for interest payments at the expense of outlays on other goods and services, and the acquisition of fixed assets declines. Among Western Hemisphere countries in the sample, higher-than-expected budget shares on interest and subsidies are mirrored by a lower expenditure share on capital transfers. Only in the Middle East does one find an increasing priority for fixed capital asset acquisition, accompanied by increased outlays on other goods and services and interest.

The underlying structural relationships underpinning the expenditure equations have also clearly changed in a few sectors.⁴ with a shift in favor of education, agriculture, gas and electricity, and possibly the mining and manufacturing sector. An upward shift in social security and welfare outlays also occurs in two regions, the Western Hemisphere and the Middle East. Downward structural shifts emerge in housing and community amenities and in the transport and communications sectors.

For the economic categories of expenditure, the shift in the structure is most marked against fixed assets and capital transfers and toward interest, subsidy, and transfer payments, given the functional structures of expenditure prevailing over the period.

One striking result is the relative decline in the explanatory power of the equation models for the economic services sector as one moves from the mid-1970s to the mid-1980s. This is in contrast to the stable and occasionally increasing explanatory power in the estimating equations for general public administration, defense, and the social services sectors. The decline is mirrored also in the estimating equations for fixed capital assets. This raises serious questions in modeling expenditure behavior and perhaps suggests that development-oriented expenditure decisions are becoming highly constrained in the current budgetary environment. Policy constraints, including sources of external funding and rent seeking by government bureaucrats, may ultimately be pivotal in determining sectoral budget shares in the economic services sector. This is in contrast to a more balanced and growthmaximizing expenditure strategy.

The bias in the change in the structural relationship over time may be discerned from an examination of the impact of alternative estimation years on the predicted expenditure share, holding the values of the explanatory variable set constant. The hazards in this analysis are discussed more fully in Section II.

II Methodology

Basic Regression Model

As in the Tait-Heller study, the analysis here begins with the development of linear regression models to explain cross-country differences in the ratio of various categories of government expenditure to GDP. Two approaches are used. For the economic categories of expenditure (e.g., wages, materials and supplies, interest, subsidies, capital outlays, etc.), the "technological" view is taken that each type of sectoral or functional expenditure category has an underlying implicit technology of production; for example, educational outlays are largely wage and material intensive, while economic outlays are largely for investment. Thus, the mix of functional outlays in the budget determines the relative importance of spending shares on the different economic categories of expenditure. One would expect that a government that spends a high share of its budget on education (relative to GDP) will have a correspondingly higher share of government outlays on wages and salaries.

Explaining the share in GDP of functional expenditure categories (e.g., defense, general public services, education, etc.) is far more difficult. Positive theories of government spending are in their infancy, and there is no commonly accepted model on which to base the regression equations. Rather, hypotheses concerning the factors likely to influence government sectoral spending patterns are legion and are described in the Appendix. This review, far from being exhaustive, highlights the wide range of factors said to explain government expenditures, and the large number of possible causal indicators, all of which appear highly correlated. This poses two interrelated problems.

First are the statistical limitations of the data. Obviously, the variables suggested in the Appendix are rather crude proxies for the influences on government spending that they purport to measure. Second, a number of indicators could be used to test quite different hypotheses. For example, a variable measuring the degree of openness of an economy may be an indicator of the elasticity of the tax system, a measure of the technological sophistication of the economy, or an indirect measure of the skill demands

made on the labor force. These competing interpretations suggest that a given variable could explain quite different categories of expenditure.

Such ambiguity gives rise to some difficulty in interpreting the empirical results and suggests that if any variable is included in a regression equation to explain a particular category of government expenditure, there could be difficulty in interpreting nonsignificant results. For example, take the so-called social friction argument that social unrest leads to increased expenditures on general administration and security. A nonsignificant result in the equation estimating expenditure on general administration for a variable capturing the effects of political riots could be interpreted in two ways. First, it could imply either the postulate was wrong (i.e., that riots reflect social friction) or that the hypothesis itself is wrong (i.e., social friction affects the growth in public administration expenditure). There is no obvious way of testing which alternative is the most likely.

These limitations ultimately arise from the nature of the subject matter which, in turn, has resulted in the slow development of a positive theory of government expenditure. The factors determining the composition of government expenditures are only one facet of a complex multidetermined process that is basic to an understanding of the functioning of economies. Consequently, it is difficult to describe concepts like "social friction" or "economic prosperity" by a single indicator. Another consequence is that the variables described in Appendix Table 11 and the influences they indicate—for example, urbanization, increasing income, greater economic integration, the breakdown of traditional forms of social security, changes in technology-are all highly related. The degree of interrelationship is demonstrated by the factor analysis reported in the Appendix.

This interdependence, or multicollinearity, between variables involves further difficulty for empirical research. For example, if an adequate number of such variables are inserted in a regression equation, the resulting multicollinearity may produce a large number of nonsignificant coefficients, making the job of testing particular hypotheses or estimating the importance of variables extremely

difficult. Given these constraints, the empirical approach to the regression equations in this study was thus not to simply maximize the goodness of fit of the model but to include only those variables inherently plausible.

Many of the regressions, particularly for the functional variables, have only limited explanatory power, reflecting the many factors affecting expenditure priorities that are not easily measured. This creates further problems in using the estimates to provide a cross-country based prediction of budgetary expenditure shares. Obviously, the greater the prediction error in the regression, the less reliable is the estimate of the expected level of expenditure.

The Data

Country data for government expenditures, disaggregated by functional and economic categories and extending for some countries through 1987, can be obtained from the 1988 edition of the Fund's *Government Finance Statistics Yearbook (GFSY)*. The present study analyzes data through 1986, the last year for which a reasonably complete sample of data is available. To minimize year-to-year fluctuations, three-year averages are calculated for each expenditure variable, centered around the years 1976, 1979, 1982, and 1985, and the model is estimated separately for each of these periods. In addition, the three sets of averaged data pertaining to the period 1978–86 are also pooled to provide a larger sample representative of the full period under analysis and are more suitable for estimation of a representative IEC index (see Section II).

Unlike the Tait-Heller study, this study focuses only on developing countries. In part, this reflects the significant difference in expenditure structures observed in industrial and developing countries and the belief that this narrower coverage may yield greater homogeneity in the underlying behavior of the countries in the sample. Data factors were also a consideration. The GFSY data set on disaggregated expenditures are far more complete with respect to the consolidated central government than for the regional and local governmental units. These lower level units are more important in the industrial countries. Collection of standardized expenditure data on a functional and economic classification basis would have been necessary if one sought to include many of the industrial countries.

The choice of an independent variable set mevitably was influenced by the availability of data. A list of these variables, their description, and the data sources are contained in Appendix Table 11. The reader should be aware

This attriations where data on a variable are available for less than three years of a period, the average is calculated on two years (and if neves sary, only on a single year's data).

of some corrections made to the data, and some qualifications that remain. Specifically:

- (1) In calculating the share in GDP of expenditure, a simple pro rata adjustment in GDP is made when the fiscal year differs from the calendar year.
- (2) To avoid instances where the use of a clearly overvalued nominal exchange rate distorts the relevance of a per capita income estimate in U.S. dollars, adjusted per capita income data from the World Bank's *World Development Report* are employed for all countries. All variables measured in absolute currency terms are provided on a real 1985 basis.
- (3) Expenditure data relate to that of the consolidated *central* government accounts. To increase comparability, some countries are necessarily omitted where the role of provincial and local governments is particularly important and there is insufficient expenditure data on lower level government units (e.g., Brazil, India, Nigeria).
- (4) Although every effort is made in the *GFSY* system to allocate expenditures to specific functional expenditure categories, there are cases (e.g., in untied grants to lower levels of government) where this is not possible. No attempt is made to reclassify the unallocated component of expenditure, which may vary considerably across countries.
- (5) As part of the effort to increase the homogeneity of the sample, multiplicative dummy variables are used when specifying the equations to test for discontinuity in the effects of individual independent variables according to per capita income level.⁶ Alternative levels of real per capita income were tested as the breakpoint for such a discontinuity, and a per capita income of \$400 appears to yield the lowest sum of squared residuals for the equations. In general, such multiplicative dummies appear statistically significant only in the equations explaining functional expenditure shares.

Estimation of IEC Indices

The calculation of the IEC indices follows the methodology outlined in Tait-Heller. First, a regression model is specified explaining the share y_i of each category i of government expenditure in GDP. For any country j, the estimated coefficients of the regression model can then be used to predict the particular expenditure share \hat{y}_{ij} for each period t, using the actual values of the independent variable set in that period. The index IEC_{ij} is the ratio of the actual to the predicted values of the expenditure share:

$$IEC_m = (y_m/\dot{y}_m) \times 100.$$

Therefore any variable Z, two daminy terms D_1 and D_2 were used, with $D_1=1$ for countries with per capita income above \$400 and $D_1=0$ otherwise, $D_2=1$ for countries with per capita income equal to or below \$400 and $D_2=0$ otherwise. In estimating the equations, two variables were entered, namely, $D_2^{\perp}Z$ and $D_2^{\perp}Z$.

In situations where the denominator is either negative or very small, an upper limit of 200 is set for the IFC index.

In interpreting these IEC indices, a number of points should be stressed:

- (1) The share predicted from the regression equation, \hat{y}_{ijt} , is simply an estimate of what a country might be expected to spend on category i expenditure given the values for country j of the explanatory variables used in the equation (e.g., economic, social, and demographic characteristics), and given how the pattern of spending on this expenditure by other countries varies with these variables. Nothing is implied about the optimality of this expenditure level.
- (2) The lower the correlation coefficient of the underlying structural equation, the weaker is the reliability of the equation for providing a reasonable guide to the factors influencing the share of expenditures observed across countries, and the greater is the need to take account of the other "nonexplained" factors that have led a country to diverge from the "predicted" expenditure share.
- (3) Comparison of countries using the IEC indices is based on the ratio of actual to predicted expenditure levels for each country and *not* actual spending ratios. A high value of the IEC index (i.e., above 100) for a category of expenditure simply indicates that the country spends more than predicted. Thus, a country with a low IEC index (i.e., below 100) may be spending a higher share of GDP on a category of expenditure than a country with a higher IEC index.
- (4) The choice of the country sample that is used in estimating an equation is obviously critical to the results, since it implies the set of countries deemed to be relevant for comparison. The predicted expenditure share and the parameters of the underlying regression equation may obviously change according to the particular sample of countries chosen, as may the resulting IEC index for a country. To increase the homogeneity of the sample used for the regression, as large a sample of developing countries as possible is considered.
- (5) Even with the restriction of the sample to developing countries, there are some variables for which the indices of most of the countries of a regional grouping tend to be above or below 100. For analyzing individual country results, it is thus useful to not only assess whether the IEC index is above or below 100, but also how it stands with regard to its regional average.
- (6) It follows from the lack of "normative" content of the IEC index that the most that should be inferred if the value of a country's IEC index deviates from the average of 100 for any given category of spending is that it is, for some reason, spending more or less than a comparably situated country. This is a basis for asking a number of questions. Does the deviation simply represent a conscious government expenditure priority? Does it mean that this type of expenditure has been relatively favored or squeezed compared with other expenditures? Does it reflect differences in the efficiency of sectoral production, or

- differences in the way in which given expenditure policy objectives are achieved? Does it reflect significant differences in relative factor prices across countries? Are these differences desirable or should they be the target for adjustment over time?
- (7) In using the IEC indices estimated for the economic categories of expenditure, the question arises as to the relevant set of "predictor" variables. As noted above, the paper takes a relatively technological perspective, arguing that the underlying mix of functional expenditures will largely determine what is the appropriate mix of expenditures on an economic basis. A country will show an IEC mix of 100 for each of its economic expenditure categories if it is spending according to the technological requirements of its functional expenditure mix. But suppose that the analysis of functional expenditures suggests that a country's functional expenditure pattern significantly deviates from that predicted. If a country were interested in moving its actual expenditure pattern closer to the predicted, then a similar change would be required for its pattern of spending on the economic categories of expenditure. Therefore, in reporting the results for the IEC indices for the economic categories of expenditure, two indices are provided. The first calculates a country's IEC value based on the actual functional expenditure pattern of the country. The second calculates the index based on the predicted functional expenditure pattern for the country.

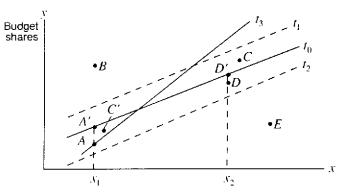
Testing for a Change in Expenditure Priorities and in the Underlying Structural Equations

This study attempts to analyze whether there has been a shift in the priority accorded to different expenditures or a shift in the underlying structure of expenditure determinants. The approach taken to answer these questions relies on a decomposition of the factors affecting the IEC indices over time. Such changes may arise from a combination of three factors. First, the values of the determinants of expenditure eategory i could change, implying that even if the country's preferences are constant, external circumstances have changed. In Chart 1, such a move may arise in a movement from A to D, reflecting a shift in the value of the explanatory variables from x_1 to x_2 .

Second, the authorities' preferences may have changed with respect to an expenditure category, implying for the country a parametric change in the relationship over time,

^{*}One should note that if line t_0 represents the estimated linear relationship between the share of expenditure v_0 in GDP and its underlying determinant v_0 , the ratio of the actual expenditure share at point A to its predicted value rat A') may differ from that observed at point D (relative to D'), primarily reflecting that the implicit behavioral relationship between v and v for country t is not likely to be exactly the same as the linear relationship estimated for the entire sample of countries

Chart 1. Effects of a Change in Explanatory Variables on Expenditure



between x and y. A movement over time from A to B would illustrate this shift. The determinants of expenditure remain the same but the share of outlays at B has risen. Movement from A to C would perhaps reflect a combination of these two factors.

Third, there may be a change over time in the underlying structural equation explaining the variation of expenditure shares across countries. Over and above a change in the value of the individual country's underlying expenditure determinants, the expenditure line for comparative purposes may have shifted, for example, from t_0 to t_1 . As a result, even if the country's position on the graph remains unchanged at A, the observed IEC index may fall, reflecting the higher predicted value for the expenditure share arising from the shift in the comparator's expenditure line.

Changes in Expenditure Priority

Some approaches may be suggested for distinguishing between changes in the IEC index arising from the second factor, the change in expenditure priorities of the country concerned, and the first and third factors, reflecting changes in the value of the underlying determinants and a change in the underlying comparator structure.

In principle, if the comparator line is held constant at t₀, and if one takes account of changes in the value of a country's expenditure determinants, the change in the ratio of the IEC index should reflect shifts in revealed expenditure priorities. This requires one important assumption. Lacking knowledge of the country's own behavioral relationship between a and v, it is not possible to fully distinguish whether a change in the index reflects a change in priority or a nonlinearity in the country's implicit relationship between v and y. If one assumes that a movement from A to D should lead to no change in the IEC index, representing simply a change in the underlying determinants of expenditure, then one can assume that any change in the ratio is indicative of a change in the priority

accorded to an expenditure category (independent of whether the level is more or less than 100). Thus, movement to point B(E) over time would suggest an increase (decrease) in priority to the expenditure category.

The word "priority" is used in this paper but one should be very clear that shifts in revealed priority may reflect as much the overwhelming, and often unpleasantly regarded, pressure of budgetary exigencies as a true strengthening or weakening of policy support for a given sector's activities. For example, one could doubt that increased interest payments at the expense of health or education outlays is regarded as desirable, but nevertheless it may be the observed priority in terms of actual changes in budget shares.

One other factor may complicate this judgmental leap. If there has been a major shift in the comparator line, say from t_0 to t_3 , then the change in the IEC index would be quite different, according to which line was treated as the base period structure. Suppose one evaluates the data points for two years, for example, at A and C, according to the structure of t_0 . This would suggest that an increase in priority occurred as one moved from A to C. If, however, one evaluates the two data points assuming the later year's equation structure, t_3 , one would observe that the IEC indices declined, signaling a decrease in priority. This reflects both the change in the structure and the position of the data points. If the movement across time were from A to C', the comparison of the IEC indices would yield consistent results, suggesting an increase in priority over time.

This suggests the need for evaluating whether indeed the coefficients of the estimated equations have changed markedly over the period, and whether there are significant inconsistencies observed in the results according to which base period is chosen. In fact, such inconsistencies were not observed for most of the estimated expenditure equations, as best as one can determine.

Changes in the Underlying Structural Expenditure Equation

One approach to assessing whether there has been a shift over time in the structural relationships determining expenditure shares is to evaluate the impact on the IEC indices of holding the data set constant, while varying the equation used to estimate the predicted value. In such a case, both the numerator of the IEC index (the actual share) and the values of the explanatory variables remain unchanged; all that varies is the predicted value, reflecting which time period's estimating equation coefficients is used for prediction. In principle, if the observed IEC index were to decline (increase) as one changed the structural coefficients, this would imply an increase (decrease) in the predicted value, and thus a structural shift in favor of

(against) the expenditure category. It would be equivalent to a shift in the curve from t_0 to t_1 (t_2).

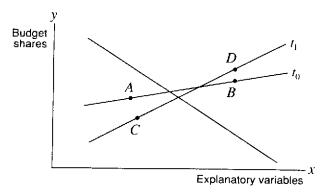
Unfortunately, one cannot assume that shifts in the structural relationships are likely to be simply parallel movements. As indicated in Chart 2, crossovers are far more likely (e.g., from t_0 to t_1), and it is certainly possible, though not very likely, that a major change in the curve, such as in the movement from t_0 to t_2 , could occur.

The latter case is the most bedeviling. If a country's actual expenditure share is at point A in period t_0 , the shift in the structural relationship to t_2 would suggest that the IEC index would decrease from 100 to a lower value, implying a shift in the *comparator structure* in favor of the expenditure category. Alternatively, if another country were at point B in period t_0 , the shift in the structural line would lead to an increase in the index, suggesting a shift against this particular expenditure category. Obviously, both cases are true, depending on the starting point. Simply observing the change in the index, however, would not clarify what had happened to the change in the structural relationship without recourse to data on the underlying structural coefficients indicating the change in the sign of the slope of the comparator line.

In the case of a crossover, such as from t_0 to t_1 , the results may still be ambiguous. Again in Chart 2, if the constant data point assessed is at point C, it would appear that the structural relationship has shifted against the expenditure category (e.g., for any given value of the explanatory variable, a lower expenditure share would be predicted). The reverse would be true at point D. Obviously, both conclusions would be correct, depending on the country's initial position in terms of its expenditure share and its determinants. This necessitates examination of the nature of the change in the slopes and constants of the structural equations over time, and recognition that the direction of the shift in the structural relationship may depend on where a country's expenditure share is located on the curve. One may indeed find that for one region, the structure is shifting in favor of higher outlays on a category of expenditure, while the reverse is true for another region.

In analyzing the results, it would be difficult to analyze fully all the shifts observed for the individual countries. The results for the individual countries reflecting the changes arising from the use of different comparator lines, holding the data at their 1986 values, are shown in Appendix Tables 16-18.9 To provide a summary measure of expenditure developments, averages have been prepared for each of the five major geographic regions. For calculating these averages, a country is only included if its IEC indices are available for all time periods; otherwise, the shifts in the regional average may simply reflect changes in the country composition of the sample.

Chart 2. Effects of a Change in Structural Expenditure Equation on Expenditure



Normative Issues in Developing an IEC Index for Policy Analysis

In appraising a country's expenditure profile, choosing the appropriate comparator is important. In the IEC framework, this relates to the choice of the underlying structural equations that are to be used for calculating the predicted values of expenditure. In the Tait-Heller study, the issue was narrowly the appropriateness of the country sample used; in this analysis, the time period chosen is equally critical. The sensitivity on this issue cannot be understated. For although it may be cautioned that the IEC index is not more than a starting point, there is a normative "flavor" to the way in which it is applied. The notion that a country should not deviate too widely from that of its principal comparators is well engrained in the minds of many country officials.

Five different equations are estimated for each expenditure variable—four individual period equations for 1975-77, 1978–80, 1981–83, and 1984–86, and a pooled equation covering the period 1978-86. Given the changes in the budgetary and policy environment over this period, the expenditure share that would be predicted for the current year, using current period data but the estimating equation of 1977, is likely to be very different from that predicted using the estimating equation for 1984-86. For example, if there has been a generalized tendency to cut capital expenditures in the last few years, the most recent equation would suggest that the predicted capital expenditure share for a country would be much lower than would be predicted by the equation for 1975-77. Comparing current expenditure shares with the predicted shares from the two alternative estimating equations would equally yield very different IEC values.

Which index is the more appropriate for analysis? Should one regard the current budgetary environment as the appropriate one for comparison, recognizing the

Por interested readers, the authors can also supply the changes in the IEC indices over time, holding the comparator line at its 1980 level

II · METHODOLOGY

rigidities and nonlinearities of expenditure adjustment in the more constrained budgetary environment? Or should one regard the earlier period as representing a more "normal" budgetary environment, and therefore more suitable for cross-country comparison? There are no unambiguously correct answers to these questions. In the paper, we have chosen to use the pooled estimating equations as

the most representative basis for comparison, and Appendix Tables 13–15 provide estimated IEC values for each country for each of the four periods using the pooled equation set; however, for reference, Appendix Tables 16–18 provide the data for 1986 analyzed in terms of the estimating equations derived for the periods 1975–77, 1978–80, 1981–83, and 1984–86.

III Expenditures Classified on a Functional Basis

This section discusses the results relating to expenditures classified on a functional (e.g., sectoral) basis. Table 1 provides the specification and results of the estimated equations, using the *pooled* data set. Table 2 reports the IEC indices calculated for the individual countries and regional averages for 1986 (or earlier years if 1986 results are unavailable), applying the coefficients of the pooled structural equation results. Reference is made to the results of the equations estimated for the earlier time periods, although the results are not provided here. ¹⁰

To assess whether there have been significant changes in the structural bias in favor or against expenditure categories, Table 3 provides regional IEC averages for the data period 1978–80, in effect holding the data constant and allowing the coefficients to vary according to the different period-specific structural equations estimated from 1975–77 to 1984–86. In contrast, Table 4 holds the estimation of the structural line constant at its 1978–80 coefficients and presents the IEC indices calculated using the data relevant to each of the four time periods under analysis.

Empirical Results

General Government Services

General government services cover financial administration, external affairs (including international aid), planning, statistics, and other aspects of general administration. It also covers justice, police, public order, and safety.

The most significant determinant, contributing a third of the explanatory power of the regression equation, is the ratio to GDP of other nonadministrative government spending. Not surprisingly, spending on general public services increases according to the size of programs administered and planned. The relationship is not quite proportional and supports the finding that the proportion of administrative expenditures in GDP seems to decline with

the extent of urbanization of the population. This implies that the cost of administration falls with the density of population, or that it requires proportionally more expenditure to administer sparsely populated areas.

The per capita income variable shows a marked difference between the richer and poorer countries: positive and significant for the higher-income countries of the sample, and negative but insignificant for the less advanced (i.c., with incomes less than \$400). The result for the former group conforms with Wagner's law of everincreasing state activity, which argues that as the economy advances, the need for greater control and regulation leads to a rise in the proportion of government spending in the economy. Our results also confirm previous findings that this relationship is non-linear (Gandhi (1978)). Although insignificant, the relative size of the young population (14 years old and younger) exerts a positive influence; however, since poorer countries on average tend to have much larger proportions of their population in the younger age groups, this variable may simply be a proxy for other effects of limited development not captured elsewhere.

Looking at the period-specific equations, the structural equation appears reasonably stable over the whole period. The R^2 remains reasonably stable at about 0.2. Some decline over time in the estimated coefficient values for both nonadministrative government expenditures and the urban population share is noticeable. Examining Table 3, for all regions but Africa, one sees that by varying the structural line and holding the data year constant at 1978-80, the IEC index decreases over time. This suggests an increase in the denominator, that is, the predicted value, implying a structural shift increasing the expected share of administrative outlays, given the value of the expenditure variables. For Africa, one observes the opposite, with the structure shifting to a lower level of administrative outlays. Varying the data and holding the structure constant (Table 4) gives the appearance of a shift in priority against such general public administrative expenditures after 1978-80 in Africa. For Asia and the Middle East, the priority shifted in favor of such outlays in the late 1970s but has remained fairly constant since then.

in They will be provided on request to the authors.

Table 1. Determinants of Functional Expenditure Categories as Share of Gross Domestic Product, Pooled Data, 1978-86 (All expenditure categories as a percentage share of GDP)

	Total Expen- diture	Total Expen-	Total Expen- diture Net of Interest				1	Social Security and	Health, Social Sccurity, and	Housing and Community	Eco- nomic	Agri- culture, Forestry.	Mining. Manu- facturing, and Con-	Electricity, Natural Gas, and Water	Transpor- tation and Communi-
	Lending (1)	altare (2)	rayments (3)	Services (4)	(5)	(6)	(7)	(8)	(6)	(10)	(1)	(12)	(13)	(14)	(15)
Constant	36.5*	**E	21.5*	2.2195	0.5721	-1.9625**	3,64670*	-1.424	0.9057	0.5571	11.69*	1.6818*	1.0488*	0.4626	2.4841*
	(3.20)	(3.07)	(2.92)	(1,514)	(1.517)	(2.086)	(3,319)	(1.779)	(1.048)	(1.654)	(7.23)	(5:095)	(4.224)	(1.240)	(5.146)
GNP per capita tin thousands of U.S. dollars								90:0	-0.06*	0.012	-0.35*	-0.085**	-0.025	-0.063**	-0.041
								(1.242)	(1.162)	(0.771)	(4.17)	(-2.43)	(1.574)	(2.569)	(0.874)
(Income > \$400)	0,79 (1,05)	0.63 (0.89)	0.66	0.10**	0.08										
checome s \$400)	35.7-1 (0,86)	-9.4 (1.13)	4.89	-219 (141)	-2.62 (1.433)										
Percentage of population Aged 14 and under				0.0356 (1.226)	0.0975*	0.0806*	-0.0122 (0.578)								
Over age 65 (all countries)	0,354	0,6 (1,48)	1.14*					0.8093*	0,9838* (11.195)						
Over age 65 (Income ≥ \$400)	_						0.045 (0.799)								
Over age 65 (Income < \$400)	_						-0.095 (1.146)								
Infant mortality rate							-0.0110* (4.723)	, -0.0069 (1.323)	-0.0190* (3.441)	*					
Share of labor force in	0,099) 90,01)	-0.057 (0.66)	-0.074 (0.91)							-0.0027 (0.765)		0.0138 (1.940)	-0.0083** (2.541)	*	·
Share of tahor force in industry								(1.0641**	* 0.0436 (1.628)						

						** 0.3397* (5.002)	-0.0453 (0.486)	0.0945 (1.151)			-0.0539*	0.0439** (2.449)	0.0162 (-0.43)		0.0037	-0.04 -0.04	
						0.0906** (2.065)					-0.0133					چ ج	-
											* _					** -0.0146	
											-0.24* (4.66)					-0.12**	:
											-(0.0397* (4.254)				0.0021		
	-0.0148* (3.621)																*6700
			0.0244 (1.779)	-0.0039 (0.311)		0.0992											4,56000
	(0.0278**					0.3263**											
	-0.0355*								0.086*	(5,041)							
	9 7					1.10**											1.100
	. 0.69 (0.94)					0,50 (0,831											*.XC0 9
	(1,04)					6,8% (1,3%)											£ 55
Share of popu- lation in	urban areas	PupiVieacher ratio	(Income ≥ \$400)	(Income < \$400)	Population growth	areas	(Income ≥ \$ 400)	Theome < \$400)	Share of total non- administrative government expenditure in GDP		Share of manu- facturing output in GDP	Cacome > \$400)	(Tacome < §400)	Share of manu- facturing	exports in total exports	Share of agriculture in GDP	Outstanding foreign debt as percentage

luct, Pooled Data, 1978-86		Mining, Electri-
onal Expenditure Categories as Share of Gross Domestic Product, Pooled Data, 1978-86		
Table 1 (concluded). Determinants of Functional Expenditure C	A linguistic content of a percentage share of GDP)	-

	Expen- datine and Net Lending	Focal Pypen- diture	Total Expen- diture Net of Interest Payments	General Public Services (4)	Defense (\$)	Public Services Defense Education (4) (5) (6)	Health	Social Security and Welfare (8)	Health. Social Security. and Welfare	Housing and Community Amenities (10)	Eco- nomic Services (11)	Agri- culture, Forestry, Fisheries (12)	Mining, Manu- l'acturing, and Con- struction (13)	Electricity, Natural Gas, and Water Supply (14)	Transpor- 1 tation d and Communi- cations (15)
Percentage of pupils reaching grade 6	# <u> </u>	n.]] S. 13 161	1937 (204)			~8720.0 ~8720.0									
share of direct taxes in total revenue							0.0108 (1.854)								
Percentage of population with access to clean water supply															
Transport of \$450										0,0144** (4,7,34)	0.03 (1.62)			(3.060)	
and compati										0.0118**	(1.94)			0.0018 (0.142)	
in in the second	Υ. Ξ	7 (°	ž. Š.	0.16	SUC	8,23	0.37	0,60	0,68	0.31	0.15	0.07	0.02	8.18	0.21
,	12/1	197	(141)	(107)	(300)	(<u> x </u>)	(183)	(180)	(180)	(157)	(170)	(188)	(160)	(147)	(162)

Nove The relatives are in parenthoses regenerary at a percent reportion at 5 percent.

A comparison of the IEC averages for 1986¹¹ indicates that, as a group, the African and European countries spent 5 to 10 percent more on general public services than would have been predicted. The budget shares of the Western Hemisphere and Middle Eastern countries were, on average, roughly what would have been expected, while average spending by Asian countries was about 25 percent below the predicted value.

Defense

Defense includes all defense expenditures except those for military pensions (which are included under social security and welfare). This category has many diverse determinants, most of which are difficult to capture empirically, as is demonstrated by the low explanatory power of the regression. Although one might have expected per capita income to have a strong influence on the proportion of GDP spent on defense, it proved statistically insignificant, although positive for the higher-income countries, as opposed to a negative influence in the remaining countries. The most significant influences on defense expenditures are those related to the characteristics of the population: the relative size of the urban population, its growth rate, and the relative size of the non-adult population. These may well reflect potential determinants of social unrest and may indicate how closely defense expenditure in developing countries is determined by internal rather than external factors.

Examining for structural shifts over time, and holding the data constant at their 1978–80 values, one sees an upward shift in the predicted defense levels for the level of the explanatory variables relevant, on average, in Africa and the Middle East, and a shift downward, on average, for the European region. No structural shift is apparent for the Asian or the Western Hemisphere countries. Holding the structure constant, one sees few obvious trends in terms of a shift in priority toward defense, with the exception of the Middle East and perhaps African regions. In Africa, on average, the priority increased in the late 1970s, but has declined since then. In the Middle East, after a sharp fall between 1975–77 and 1978–80, the priority then substantially increased, with the IEC index rising from 100 to 223.

As might be expected for this category of expenditure, the IEC indices for 1986 reveal that on average, Middle Eastern countries spend almost 100 percent more on defense than would have been predicted, with European countries spending about 50 percent above, and Asian

countries about 15 percent above. 12 Conversely, African and Western Hemisphere countries spend, on average, significantly less than would have been predicted, although from a normative perspective, one would expect that the overall estimating equation for defense has an upward bias, given the importance of the high level of armaments spending in the Middle East. This would suggest that for individual African and Latin American countries, comparison with the regional average might be a more appropriate starting point for assessing the budget share of defense.

Education

Among the variables entering the model of educational expenditure, three separate influences are indicated. The first is the relative size of the population most affected by schooling, an indicator of the potential demand for education services. The relative size of the non-adult population had a positive and statistically significant influence on the proportion of education expenditure in GDP. Although obviously correlated with the latter variable, the percent of pupils reaching grade 6 proved an even more significant explanatory factor. Although strictly measuring output rather than demand, the latter variable may also be regarded as an indirect indicator of the relative emphasis placed on education in these countries.

Second, the ratio of foreign debt to GDP appears to have acted as a constraint on this category of expenditure, displaying a significant negative relationship. Third, one might expect that the choice of educational technology would influence the share of educational expenditure in GDP. A higher average pupil-teacher ratio, ceteris paribus, should allow for a lower level of educational outlay. This negative relationship appears for the poorer countries in the sample but is statistically insignificant. Surprisingly, in countries with real per capita incomes above \$400, the pupil-teacher ratio is positively related to the education expenditure share, and statistically more significant, but only at the 75 percent level. The expectation that the higher the urban growth rate, the greater the pressure for educational outlays is borne out, although only at about an 80 percent significance level.

The adjusted R^2 is about 0.27, with the strength of the correlation substantially increasing over time in the period-specific equations (from 0.11 to 0.32 between 1975-77 and 1984-86). The coefficients of the equation are stable over time, not indicating any obvious reversal in sign. Allowing the structural equation to vary, holding the data constant (either at the 1980 or 1986 levels), suggests a

 $^{^{11}}$ Where data are not available for 1986, the most recent data available are used in Table 2

¹² The European countries that are deemed nondeveloped primarily include Southern and Eastern European countries (namely, Cyprus, Greece, Poland, Turkey, Yuposlavia), countries where, for a variety of reasons, one finds higher-than-normal military outlays.

Table 2. Functional Expenditure Categories: International Equations for the Period 1978-86	enditure C d 1978–86	ategories:	Internationa	l Expendi	iture Com	parison Indi	Expenditure Comparison Indices, 1984-86, Using Pooled Structural Expenditure	Using Poo	led Structu	ıral Expendi	ture
	General Public Services	Defense	Education	Fleatth	Social Security and Welfare	Economic Services	Agriculture, Forestry, Fisheries	Mining and Manu- facturing	Electri- city and Gas	Transpor- tation and Communi- cations	Housing and Community Amenities
Africa	9	9	-	7	298.4	65.1	74.0	32.2	2.2	66.5	164.6
Donata Potes and	. r.	. न	1 TE	68.7	84.6	86.1	133.0	46.4	140.2	67.9	130.8
Burkina Faco	χ. ()	(3)	62.3	8.67	191,7	* ;	∝, , ,	¥ +	* *	* *	* *
Rymodi	*	• !	• ;		, i.	* 5.3	. 53	. c	\$ OK	122.6	7846
(F.大明公](中)	\$100 m	기 (7. ?	/: * £	ć. *	500	7.50 7.50	r, 00	}} ₹	0.771	10.4
Central African Ren	∵¹ ,	 	1 1 2	•	1043	1,59,3	*	*	*	` *	55.9
Carried Isotate	& y +	Ð. ₽.	107.0	101,7		174.7	33.1	24.5	214.6	17.7	271.6
Survey 3		,	94,7	×0.3	*	128.7	68.4	119.6	97.0	194.1	286.6
Cabon			* :	• [, ,	* 053	F 581	* 7.747	, 141 1.41	743.4	178.0
Gambia, The	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 9		76.1	19.7	4.64 4.64	37,7	30.7 30.1	10.7	235.4	37.7
Crimen Biscon			*		*	*	*	*	#	*	*
Kensa		F	160.4	155.3	7.0	87.2	104.2	113.5	33.4	59.8	282.6
しんどけつい	208.5	x 5[1	0.85	3.8.E	698	217.2	141.0	137.8	* 50	169.8	30.9
Liberia	116.3	CX.		? *	د د *	c .	λ: * *	o. *	**	10.5.1 *	***
Madagagar	0 20	, ,	117.6	220.7	23.9	117.4	137.3	19.8	94.4	139.4	55.6
	78.3	100.6	100.0	8.7.8	0.072	49.ń	61.4	4.6	0.0	219.0	97.5
Nisamana	167.3	138.0	16.6	76.0	237.1	* 1	114.4	* (y. 14	* 5	* C2
Magnitica	(E)	F 4 1 cr.	%, j	7. T	136.11		99,0	127.5	[₇	5.2% 5.75	46.3
Vorse	· 1	4 0 3r	, ×	1 ()	٠ . - :	5.55 5.55 5.55 5.55 5.55 5.55 5.55 5.5	50.7	121.5	52.5	86.0	26.0
- C.	: 00; (-14)	. C	67.1	16.7	198.6	6'96	72.8	177.6	8.88	88.9	25.7
[c 350.5]	11.	138.5	102.2	140.2	ż	93.5	91.1	92.8	160.9	808	290.8
Seria Leone	68.0	3,45	93.1	8.0 <u>.</u> 1	15.2	ιν. 2. 4	40.7	7 * 8	x: * X	44 1. *	7.71
South Africa	. 6	, , ,		7 17	623	85	53.3	126.8	0.191	40.7	1.7
ではつい	986	e e	4.0	901	*	- -	*	*	*	*	*
To see the see that the see tha	0.500	107.5	38.1	99.1	*	103.6	*	*	132.1	93.2	# 6
1 (20)	X 11	6,08	1.96.1	133.7	244.6	6.96	156.5	125.6	246.1	111	204.11
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(janeda	, O 051	. 93.1	6.781	260 f	8.05	69.7	62.6	199.5	6.171	37.7	46.2
/ 3/fc 	- ·		2 20	145.0	136.3	86.2	182.3	95.0	23.9	70.3	214.1
ZwakamiZ Zwakamiz	40 %	0.75	125.7	5,801	*	285.8	165.2	*	64.6	57.1	104.2
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ji Ver	y 6	र. ० स. १ च	4.7r	. •	. 00	102.7	7.77	8.181	296.9	47.7	84.4
Constant in	χ 9 Σ. 9	16.3	9 66	4,15	6.00	65.1	71.9	41.5	23.5	40.9	24.0
Moreon Vistances	(%)	1800	0 %	65.7	61.1	189.7	174.1	22.3	174.3	155.2	52.2
Viven name	- 0%	9,51	٠	100.2	39.1	121.3	234.0	39.7	ž 9651	241.0 83.0	176.7
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Pakistan	2: I'	4.55 1.69	8 071	5 2	- 1	143.0	5.96	275.9	224.2	61.9	* !
Papus New Culties Padiosines	· // ·: t 1	g g	67.2	W.	13.4	137.1	35.6	78.0	8.661	105.5	46.5
Singapore A	110.8	163.6	S.N.	72.6	c) .	90.2 -	C! +	4 V: *	* *	7:611	7.0%
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nited Arab Emirates	F 711	132.7	•	*	47.9	18.4	127.4	* '-:	21.6	* *	* CI
Yemen Arah Republic	8 55	5 1.0.	145.7	129.5	4	52.1	5.05	*	*	76.8	* :
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	116.2	1. v.	185.3	130.5	87.6	75.6	131.9	22.1 23.1	2000.4	8.48.88 8.48.8	17.6
	, ref	47.4 6.00	110.2	- X C	y I	a (*	*	÷	**	*
	25.7	- E	130.1	5 8 9 7 1 8 9 7 1	769.2	37.0	χ <u>γ</u>	7.7	4.6	39.6	12.8
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	r. 90	ე sc ₹ 55	Λ: ↓ Σ Ξ	**	1.24.7	* 60	51.6	* >	* *	*	*
	57.5	310	58.6	75.4	75.8	85.2	136.4	29.4	17.1	, o	* 000
	47.5 41.0	d č	- F	r i	6.9	3,0%	33.4	0.0	18.8 8.8	11.2	*
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	7. 7.	F.67.7	155,3	162.0	106.1	271.7	*	200.1	78.6	104.2	30.0
	, 63	57.9	. 88	, r 03	9 00	* 17	* 90	* 1	* :	* :	*
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	51.0	15.2	•	×	88.0	6.501	8.68	242.6	188.5	27.1	70.1
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	3	7 11	9.97	148.2	80	s Os	33.7	. 	*	02.0	13.2
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	2.50	43.7	0.65		6.14 1.24	<u>6.</u> •	115.1	* *	0.84 0.*	124.6	218.7
	r Z	7 (%)	8,151	119.5	57.1	5.13	16,0	157.1	41,4	299	102.5
	8	44.2	102.2	0.501	0.70	5,001	88.8	81.2	91.6	600	1070
	109,6	ξ.	101.7	111.7	112.4	106.5	98.5	85.7	85.0	95.5	121.3
	& 4 F. 6	4.11 4.11 4.11 4.11	117.5	7 8	69.3	0.811	98.2	104.2	123.5	90.2	6.19
	. œ	5 9	0.1° 105.6	2 (X	- 3 cc 1	7.4.7	144.5 5. 10	49.2	131.8	144.9	115.1
		11.77	10.70			,					

"Mesong observation, Formerly Burma,

general upward shift toward higher educational spending in all of the regions except Europe, where the reverse is true. Holding the structure constant (using either the 1980 or 1986 estimated coefficients), one sees a strong increase in the relative budget priority attached to educational spending, with the IEC indices rising significantly over time for all regions except Europe (where again, the reverse is the case). Relative to the predicted level, actual educational expenditures have risen from 8 to 15 percent in the non-European regions.

The average of the IEC indices for education in 1986 is about 100, with only limited variability across regions. The Asian and Middle Eastern countries are somewhat higher than expected, and the European countries slightly below. Among African countries, one finds that the IEC indices for Kenya, Lesotho, Togo, and Zaïre are significantly above 100, while such countries as Sudan. Cameroon, and Tanzania are substantially below.

Health

The health category includes government expenditure on general administration, regulation, and research for health; on hospitals, medical and dental centers, and clinics; on population control, immunization and innoculation; and on blood donor services. It also covers the reimbursement for services outside hospitals and clinics.

It could be expected that the share in GDP of government expenditure on health would primarily be directly influenced by demand factors (e.g., the size of the dependent population, birth and population growth rates, and poor access to clean water). What is striking is that *none* of these influences had a statistically significant influence on the share of health spending in GDP. The share of the population 65 years and over exerted a positive influence only in the group of countries with per capita income above \$400, but not significantly.

Rather it was found that health expenditures were most significantly, and negatively, related to the size of the foreign debt, the infant mortality rate, and the relative size of the urban population. The first variable may indicate the constraint placed on this category of spending to meet the competing demands of external debt obligations. To test for further influences from supply constraints, the ratio of tax-to-total revenue was included in the regression. This rather imperfect indicator of the ease with which the government can raise revenues through the tax system, although not significant, shows a positive relationship.

The negative relationship between expenditure on health and the infant mortality rate can be interpreted as an indicator of the success of higher levels of health expenditure rather than as an indicator of the government's priority in this area; however, the negative relationship between expenditure on health and urban growth is perhaps less

easy to understand. As the population urbanizes and loses the protection of rural informal health care, one might expect the demand for government-provided health services to grow. At the same time, it is likely to prove cheaper to provide per capita health services in an urban environment than in a rural setting, where the population is more geographically dispersed and less accessible.

The explanatory power of the equation is nevertheless relatively high at 0.37, compared with all of the other functional expenditure equations (except social security and welfare), and has held at this level throughout the period (examining the period-specific equations). The structure of the equation has changed somewhat over time, with the constant term shifting upward in each of the four periods, but with the negative sign of the debt and infant mortality variables getting progressively larger. When the data are held constant (whether for 1978-80 or 1984-86), the predicted values appear to have risen, during the period 1975-77 and 1981-83 in all regions except Africa. From the mid-1980s the predicted level of health spending has fallen back somewhat, except in Asia, where the upward shifting trend has continued. Holding the structure constant, one sees an increase in the relative priority of health in Asia and a less dramatic increase in the Middle East and Western Hemisphere, with no obvious shifts in the other regions.

The relationship between actual and predicted values for health expenditures was rather consistent between the different regions. In 1986, the average budget shares on health for countries in Africa and Europe were above expected values, while in Asia and the Middle East, the average indices suggest spending shares 16 and 10 percent, respectively, below what would be predicted. This suggests that for the latter two regions, the higher revealed priority may have been a corrective adjustment to the relatively low budget shares of earlier years.

Social Security and Welfare

The social security and welfare category includes expenditure on social security (e.g., sickness, old age, and disability payments, payments under contributory and noncontributory schemes, and pension and disability plans for government employees, civilian and military). It also includes unemployment, family, maternity, and child allowances, as well as any other public assistance. Welfare services include care of the elderly, disabled, mentally impaired, and children.

The explanatory power of this equation is quite high, with an R^2 of about 0.60, although dominated by one variable; the size of the population over 65 years of age. This appears to be an indicator of the demand for a large number of these types of service. Perhaps not surprisingly, the proportion of the labor force in manufacturing, another

Table 3. Regional Average of International Expenditure Comparison Indices Observed Holding the Data Year Constant (1978–80) and Varying the Expenditure Structure: Functional Expenditures

Expenditure Category and Equation Years	Average	Africa	Asia	Europe	Middle East	Western Hemispher
						Tremispher
Total expenditure						
and net lending						
1975–77	99.2	111.9	80.1	78.0	141.6	82.3
1978-80	100.0	106.5	83.2	89.3	150.7	85.5
1981–83	89.4	98.0	74.8	72.0	137.8	73.4
1984–86	91.1	93.3	79.3	78.2	151.0	77.9
Fotal expenditure						
1975–77	99.5	110.9	79.0	78.2	141.3	86.0
1978–80	100.0	105.8	82.2	88.9	150.8	87.7
1981-83	88.9	95.5	74.5	72.3	139.7	75.3
1984-86	89.0	90.3	77.2	76.8	146.7	78.3
Expenditure less						
interest	06.0	107.6	70.6	02.1	100 4	***
1975–77	96.8	107.6	79.5	92.1	137.4	79.6
1978-80	1.00.1	102.1	84.7	102.3	150.8	89.2
1981-83	91.0	94.1	80.3	83.3	144.1	78.0
1984–86	89.3	90.3	81.7	88.0	148.0	74.6
General public admini		115.2	00.7	04.2	04.0	***
1975-77	103.6	115.7	89.6	96.3	94.9	103.6
197880	98.1	113.6	81.3	93.7	84.5	97.4
1981-83	95.5	114.6	77.0	73.2	84.4	95.1
1984–86	99.2	127.3	77.4	71.1	80.2	94.8
Defense	02.0	101.	105.0	104.0	115.0	
1975–77	86.8	101.5	105.8	106.0	115.9	50.5
1978-80	84.8	90.7	109.9	114.1	110.2	53.4
1981-83	80.9	92.6	104.0 97.0	102.1	92.6	47.5
1984–86	78.2	86.3	97.0	124.5	75.8	50.3
Education 1975–77	99.9	106.8	92.7	95.8	97.2	95.6
1978-80	99.8	101.2	93.9	98.2	95.1	102.5
1981-83	86.8	86.6	83.4	93.3	83.2	88.6
1984-86	89.4	93.1	84.6	101.8	84.6	85.6
lealth						
1975-77	103.8	101.8	93.0	141.9	94.3	109.4
1978-80	96.0	106.8	65.7	118.4	85.6	96.9
1981-83	89.1	99,0	60.2	115.5	77.1	90.2
1984-86	96.4	106.7	57.7	130.0	89.4	100.2
ocial security and						
welfare						
1975-77	78.1	87.0	40.8	81.1	143.3	77.8
197880	84.5	94.0	32.4	92.5	177.0	85.6
1981-83	82.6	100.1	40.4	80.1	154.2	77.8
1984-86	84.7	105.7	37.5	83.7	160.3	78.5
lealth and social secui and welfare	rity					
1975-77	95.2	108.6	60.8	111.3	119.8	92.2
1978-80	99.0	116.7	55.9	113.5	134.7	93.6
1981-83	98.5	123.7	55.0	104.7	126.1	89.4
1984-86	103.9	139.0	56.6	111.7	116.2	91.7
lousing and						
community amenities		713	מ לים	£7.4	114.3	74 7
1975 77	76.8	73.4	K2.3	57.6	94.2	76.7
1978 80	81.2	69.4	R3.3	84.3	89.9	91.4
1981-83	80,6 eo o	63.3	84 1 01 6	78.0 86.0	81.4 61.6	99,2 104.7
1984-86	89.9	81.5	93.6	86.0	61.6	104.7
conomic services	113 D	ΩΨ 4 -	101.4	122.1	QA 1	76 1
1975-77 1978-80	92.9	98.6	103.4	122.1	84.3	75.1
	100,0	101.8	109.2	129.5	107 T	84.6
1981-83	191) 7	102.8	108.5	1.37.1	109.0	81.1

Table 3 (concluded). Regional Average of International Expenditure Comparison Indices Observed Holding the Data Year Constant (1978–80) and Varying the Expenditure Structure: Functional Expenditures

					-	
Expenditure Category and					Middle	Western
Equation Years	Average	Africa	Asia	Europe	East	Hemisphere
Agriculture						
1975–77	104.6	123.0	104.2	105.4	93.8	81.4
1978-80	95.6	111.6	95.9	96.9	86.2	75.0
198183	82.5	100.2	78.8	78.2	72.3	63.6
1984-86	86.0	102.5	85.3	81.9	75.3	66.8
Mining and manufac	cturing					
197577	67.4	72.6	101.7		42.6	38.2
1978-80	68.2	71.2	99.8		46.9	43.1
1981-83	62.3	54.9	91.7		55.8	48.4
1984-86	55.2	49.3	69.4		58.3	51.2
Gas and electricity						
1975-77	82.0	79.4	92.2		89.9	80.2
1978-80	83.1	72.9	105.1		95.7	84.2
1981-83	59.1	52.5	73.5		61.3	59.5
1984-86	61.0	57.1	84.5		80.9	53.3
Transportation and						
communications						
1975-77	79.7	65.4	81.4	176.0	90.8	76.0
1978-80	90.0	66.7	95.7	219.0	80.2	93.1
1981-83	93.1	73.7	92.6	196.5	79.0	101.9
1984-86	112.1	98.9	114.0	200.4	93.2	114.6

Note: A downward movement in the index suggests an increase in the predicted value, given the explanatory values, and thus a shift in the structure in favor of the expenditure category.

indicator of demand, is the only other significant explanatory variable; this may indicate the need for the substitution of the formal government-provided social security of an industry-based population for the informal social security of an agriculture-based population.

Although one might expect a positive relationship between the share of social security outlays and a country's per capita income, the coefficient proves negative though insignificant. This may reflect that responsibility for unemployment pay and sickness and injury benefits for the higher-income countries of the sample are taken up by private corporations and private sector insurance. Similarly, the negative relationship observed between social security expenditures and the infant mortality rate indicates the reduced demand for these and related expenditures.

Holding the data constant, on average, one can see a structural shift against social security outlays in the latter half of the 1970s in the Western Hemisphere, Europe, and Middle East, but the shift was reversed in the 1980s. In the African and Asian regions, no clear shift emerges. ¹³ Hold-

ing the structure constant over time (and this appears consistent whichever structural equation is used), one sees a shift in priorities against social security and welfare outlays in Africa throughout the period. In Europe, the Western Hemisphere, and Asia, the priorities appear to have shifted against such outlays in the late 1970s but rebounded sharply in the 1980s.

For some regions, these expenditures were a rather small percentage of total government spending, which may add to the variability discovered between regions when comparing actual with predicted levels. For example, in 1986 while the expenditure shares of Asian countries were, on average, almost a third below predicted values, Middle Eastern and African countries were, on average, about 20 percent and 12 percent above, respectively. These results mask considerable intraregional variability in IEC indices. In Africa particularly, one observes that a number of the Francophone countries indicate extremely high IEC index values (e.g., Benin, Burkina Faso, Mali, Mauritania, and Togo) whereas most of the Anglophone countries have indices below 50. Such variability is also striking in Latin America.

Housing and Community Amenities

The category of housing and community amenities covers the provision of housing and housing payments fied

¹³In Africa, the results obtained by holding the 1980 data constant and by varying the structure suppost a clear negative structural shift apainst expenditures on social security and welfare. Yet the 1986 data base does not support this result, suggesting that this is one of the cases discussed in Section II where the position on the curve matters for the interpretation of the bas of structural charge.

Table 4. Regional Average of International Expenditure Comparison Indices Observed Holding the Equation Year Constant (1978–80) and Varying the Data Years: Functional Expenditures

Expenditure Category and Data Vacas	Avionino	A fuinc	A	F	Middle	Western
Data Years	Average	Africa	Asia	Еигоре	East	Hemispher
Total expenditure						
and net lending						
1975–77	101.3	106.0	77.3	101.0	159.5	83.8
1978-80	99.9	112.1	83.2	82.8	150.7	76.6
1981-83	108.1	114.7	91.3	95.6	165.6	87.0
1984–86	107.0	118.0	90.8	99.2	146.1	87.3
Total expenditure						
1975–77	100.2	103.8	75.1	99.6	162.6	84.6
1978-80	99.1	109.0	82.2	83.1	150.8	79.6
198183 1984–86	108.0 108.4	114.6 118.9	88.7 92.4	95.8	167.8	89.4
	108.4	110.9	92.4	103.4	148.4	89.6
Expenditure less interest						
1975–77	104.3	100.9	79.5	114.4	164.7	96.4
1978-80	102.0	105.7	84.7	103.8	150.8	87.2
1981~83	110.8	115.0	87.0	120.3	169.6	93.3
1984–86	109.4	117.6	84.2	124.2	146.6	96.3
General public admin						
1975-77	93.4	122.8	71.8	76.7	70.9	89.3
1978-80	99.1	122.7	84.0	92.2	84.5	90.1
1981-83	93.2	103.4	88.7	90.8	82.3	90.0
1984–86	88.1	95.6	85.1	70.7	83.3	86.0
Defense						
1975-77	89.6	89.6	95.3	150.9	151.4	63.5
1978-80	91.1	104.6	100.2	130.0	99.6	57.7
1981-83	91.2	90.9	99.5	124.6	171.5	67.0
1984-86	91.7	85.3	100.3	116.3	223.2	69.7
Education						
1975-77	100.2	102.8	88.3	112.5	88.0	108.3
1978-80	101.3	107.4	91.1	89.9	95.1	104.5
1981-83	109.2	114.8	101.9	84.4	114.5	107.5
1984-86	107.2	110.0	108.3	72.5	113.9	105.1
Health						
1975-77	90.2	107.8	59.1	134.2	95.7	84.9
1978-80	96.6	104.8	65.8	118.1	101.7	109.3
1981-83	101.4	108.7	71.7	129.9	112.3	111.4
198486	107.0	115.9	90.0	126.1	109.8	105.9
Social security and welfare						
1975-77	88.2	103.0	51.0	128.2	145.2	92.8
1978-80	74.6	84.4	52.3	81.2	122.1	77.2
198183	75.3	73.0	46.5	93.8	135.3	92.2
198486	76.5	68.9	56.3	101.4	112.9	93.5
Health and social secu	rity					
1975 77	105.1	133.5	55.6	149.3	155.2	93.8
1978-80	98.5	121.4	55.9	137.1	129.2	95.0
1981 83	102.5	117.3	55.9	159.0	143.9	106.9
1984 86	99.1	113,4	58.6	169.8	127.5	102.3
Housing and commun	ity					
1975-77	80.7	39,9	96.0	174.8	98.7	88.2
1978-80	74.6	5x.3	87.7	97.6	89.9	71.4
1981-83	82.5	74.2	88.9	124.8	79.5	79.9
1984-86	95.7	98.2	104.0	164.9	106,4	65-4
Economic services 1975-77	111.2	106-9	115.2	173 1	432.0	96.2
1978-80 1978-80	100 J	102 1	104-4	155.0	125.1	76.3
1981-83	99.4	88 7	114.8	130.0	128.2	85.3
1 2021 10 3				* * ****		*****

Table 4 (concluded). Regional Average of International Expenditure Comparison Indices Observed Holding the Equation Year Constant (1978-80) and Varying the Data Years: Functional Expenditures

Expenditure Category and				_	Middle	Western
Data Years	Average	Africa	Asia	Europe	East	Hemisphere
Agriculture						
1975–77	77.6	87.1	77.2	58.9	78.0	69.0
1978-80	86.5	106.7	88.8	73.7	75.1	68.0
1981-83	87.5	106.1	93.8	44.7	90.0	64.7
1984-86	85.2	103.0	100.5	36.2	89.9	55.7
Mining and manuf	acturing					60.7
1975–77	72.1	82.6	87.6		24.1	58.7
1978-80	71.2	94.0	90.4		25.1	43.1
1981-83	75.8	79.2	102.7		65.3	52.6
1984-86	76.6	98.0	82.7		60.4	55.1
Gas and electricity						0. 5
1975-77	86.7	76.1	102.7		21.1	96.3
1978-80	90.4	72.2	140.0		24.3	86.9
1981-83	94.5	77.3	174.1		49.2	67.4
1984-86	79.9	81.3	104.9		40.3	65.8
Transportation and	i					
communications			00.0	202.4	66.6	124.2
1975-77	100.6	81.2	89.9	293.8	80.2	86.8
1978-80	88.8	80.9	83.9	272.5		78.4
1981-83	77.7	70.6	71.0	178.0	88.3	
1984-86	71.5	60.2	72.0	191.2	80.2	71.1

to the income level of the recipient. It also includes rent subsidies, some home purchase subsidies (exclusive of tax expenditures), and any administrative costs.

Surprisingly, the most statistically significant determinant of this expenditure category, the ratio of manufacturing output to GDP, is negatively related to expenditures on housing. This may suggest that government housing is regarded as an inferior good. Income earners in the manufacturing sector are either provided with private sector housing or can afford to purchase their own housing. The share of government expenditure on housing and community amenities is also related to indicators of demand for other complementary superior goods, such as access to clean water supply. The latter variable exerts a slightly stronger influence in the higher per capita income countries of the sample. Demand for these services is positively, but not significantly, related to real per capita income levels and the degree of urbanization (as reflected in the share of manufacturing goods in total exports)

The explanatory power of the equation is reasonably good, at 0.31, and is strongest in the mid-1980s. No important changes occur in the sign of coefficients, though it is apparent that some coefficients are significant in only some of the sample years. No obvious and significant continuous structural shifts are apparent over the entire period; intraperiod fluctuations are more the norm. For example, for the African region, there appears to have been a shift in favor of this category of expenditure, given the values of its explanatory variables, between 1975-77 and 1981-83, only to have been more than fully reversed

in the subsequent three years. On balance, in Asia and the Western Hemisphere, a structural shift suggesting a downward shift away from social security appears to have occurred.

Holding the structure constant, one sees an increase in the priority for this type of expenditure in most regions over the period, particularly after the 1980s. The major exception is the Western Hemisphere, where the priority declined after 1983 and possibly even earlier (the latter depending on the choice of structural equation). In terms of the observed IEC indices for 1986, there are some noticeable regional differences. On average, the IEC indices for the African and European countries are somewhat greater than 100.

Economic Services

Outlays on economic services tend to be largely for investment in most developing countries, though current outlays on operations and maintenance and economic regulatory activities may also be important. The sectoral heterogeneity of this budget aggregate makes it difficult to specify a simple model explaining budget outlays and a number of obviously conflicting hypotheses may apply. For example, one could easily argue that a dominant agricultural sector would necessitate government outlays to stimulate increased productivity. Alternatively, the same fact could suggest that the sector is sufficiently developed and outlay in manufacturing would be more

useful. Thus, while the pooled equation estimate yields a number of significant explanatory variables, it is difficult to go very far in trying to explain their signs. The results suggest that real per capita GDP and the ratios of agricultural and manufacturing output to GDP are negatively related to budget shares on economic services.

Of more interest is the fact that the explanatory power of the equation falls sharply over the period, a fact that also will be seen to characterize the equations underlying the disaggregated economic services expenditure models discussed below. The adjusted R^2 falls from 0.30 in 1975–77 to 0.17 in 1978–80 and by 1984–86 has fallen to 0.03. Surprisingly, the coefficients remain statistically significant and remain fairly stable in their values.

Agriculture

Outlays in agriculture are for the provision of agricultural services and financial support programs for farm prices and incomes. Forestry and inland and ocean fishing programs, as well as research in all these areas, are also included.

The pooled estimating equation suggests that expenditures on agricultural services are negatively related to real per capita income, perhaps reflecting the declining importance of agriculture as an economy advances. Alternatively, outlays increase with the size of the labor force in agriculture, an indicator of the demand for such services. The share of expenditure on these services falls, however, as agriculture's share in GDP rises (though the coefficient is not statistically significant). Since agriculture's share in GDP decreases with development, the negative relationship may capture the degree to which underdevelopment generally constrains expenditures. Alternatively, the negative relationship may indicate that once established, there is less need for government promotion and development of this sector.

The explanatory power of the equation, which is not particularly high to begin with at 0.12 in 1975–77 and 1978–80, drops sharply in the period-specific equations of the 1980s (to 0.02 and 0.05), reflecting the diminished significance of the major explanatory variables. There is a clear structural change in the equation, with only per capita income remaining statistically significant, and its coefficient becomes increasingly negative.

For most regions, the results suggest an upward structural shift between 1977 and 1983 in favor of agricultural spending, with little structural change after 1983. Only in the Asian region does there appear to have been a continuous increase in the priority attached to agricultural spending over the whole period. There is considerable variability in the other regions. In Africa and Europe, the priority increased between 1975 and 1980, but then declined in the European countries in the early 1980s.

In 1986, on average, the countries in Africa and Asia spent what was predicted, while in the Western Hemisphere and Middle East, the share was significantly less than predicted (by 17 and 44 percent, respectively). Only in the European countries were expenditure shares significantly above predicted values (by 44 percent).

Mining, Manufacturing, and Construction

The category of mining, manufacturing, and construction includes expenditure related to the mining, natural resources, manufacturing, and nonhousing construction sectors. It also includes investment grants to these sectors.

As with agricultural outlays, one would expect that the structural characteristics of the economy would determine demand for expenditures in this sector. In terms of statistical significance, the results suggest that the greater the growth of the urban population, and the less important is the manufacturing sector, the greater the budget share in GDP on manufacturing and mining related outlays. Real per capita income does not prove a significant determinant, and the relationship is negative. One would expect that the more industrially developed countries would be less likely to subsidize industry under limitations imposed by the General Agreement on Tariffs and Trade (GATT) and export credit guarantees. However, overall the equation exhibits one of the poorest fits to the data.

Also as with the agricultural sector, one observes a decline in the explanatory power of the estimating equations in the mid-1980s, with an accompanying fall in the size of the coefficients of the principal explanatory variables. Holding the data year constant, one sees a structural shift in favor of (against) this category of expenditure for the African and Asian (Middle Eastern and Western Hemisphere) regions. Priority shifted strongly in favor of outlays in this sector in the Asian region in the 1980s; in the other regions, the shifts were less pronounced.

In 1986, only the Middle Eastern and Asian countries, on average, spent roughly what would have been expected in this sector. Lower-than-expected shares are observed in Africa, the Western Hemisphere, and Europe, though there is considerable variability across countries within each of these regions.

Electricity, Natural Gas, Steam, and Water

In the category of electricity, natural gas, steam, and water, expenditure related to the production, transmission, and distribution of electricity, natural gas, or steam are included; the mining of natural gas, which is classified under mining, is not included. The category also includes expenditure on the regulation, purification, and distribution of clean water for general use (but not irrigation).

Expenditure in this sector appears most significantly related to demand factors: real per capita GDP, and in the higher per capita income countries, the access to clean water supply and the share of manufacturing output in GDP. The latter relationship and that with per capita income are negative, contrary to the expectation that these

necessary inputs would expand as manufacturing increases and incomes rise. It may be that as the industrial base of the country expands, the economies of scale so generated succeed in making these activities more profitable and therefore less dependent on government support. The negative relationship with per capita income is, however, more difficult to explain.

Holding the data year constant, one sees a structural shift, on average, toward higher predicted values for the budget share on electricity and gas in the Western Hemisphere and African regions. In Asia and the Middle East, on average, there appears to have been a downward structural shift in the 1980s. The priority toward this sector appears to have increased between 1975 and 1983 in the Asian and Middle Eastern regions, only to drop off after 1983. In the Western Hemisphere region, countries on average allocated increasingly less priority to this sector in their spending behavior.

The variability in the IEC indices between regions is very marked for this category of spending. In 1986, on average, the GDP share of these expenditures in Asian and European countries was about 23 and 32 percent, respectively, over predicted values; whereas in the Middle East, the average share was about 86 percent higher. In contrast, in the Western Hemisphere, the predicted share, on average, was only half that expected.

Roads, Other Transport, and Communication

The share of expenditure on transport and communications is closely related to the demands of an urban population. This is reflected in the significant positive effects of a high rate of urban population growth and the significant inverse relationship with the share of agriculture in GDP. Surprisingly, such outlays are negatively related to the share of manufacturing in GDP. Government expenditure on transport and communications was weakly associated with the share in total exports of manufactured goods and fuel. While the budget share could be expected to rise with per capita income, the relationship proves insignificant.

As with other economic services, the explanatory power of the period-specific equations diminishes sharply over time, from 0.23 in the 1975-77 equation to 0.12 by 1984-86. The constant term declines and the coefficients of the principal significant variables all decline continuously over time.

In most regions (e.g., Africa, Asia, and the Western Hemisphere), there was a strong structural shift, on average, against this sector in government spending patterns. This is also reflected in a diminished priority in spending behavior, with a sharp downward adjustment of the average regional IEC index over the whole period, holding the structure constant. Only in the Middle East was there a significant increase in the priority attached to this sector, and this primarily during the period 1975–80.

The high dispersion in individual IEC indices for this category of expenditure needs again to be considered in

interpreting the regional averages. The IEC levels suggest that most countries are reasonably close to their expected levels. Only the European countries have very much higher actual expenditure shares than predicted. This does not imply, however, adequacy in the composition of such outlays as between the operations and maintenance and the capital components of this category of expenditure. Unfortunately, insufficient disaggregation of the functional expenditure data base by economic categories does not allow such an analysis.

Total Expenditure and Net Lending

Finally, it is interesting to use this approach to evaluate the total share of expenditure and net lending in GDP. In effect, are countries spending more or less than would have been predicted? For evaluating the total expenditure patterns, our equation specification is of the type used to explain the broad functional expenditure categories. The results do not have a strikingly high explanatory power, with the pooled equation yielding an R^2 of only about 0.15.

As with a number of the functional expenditure categories, the explanatory power of the period-specific estimating equation declines sharply in the mid-1980s. The R^2 declines from 0.15–0.17 in 1975–80 to 0.08 in 1981–83 and 0.03 in 1984–86. The result is also characteristic of the equations used to explain total expenditures (that is, exclusive of net lending) and total expenditures net of interest payments. There appears to be a 10–15 percent structural shift upward in the predicted total expenditure share in GDP, on average, in the African and Western Hemisphere countries of the sample. This applies whether or not interest payments are included in the aggregate, so that noninterest payments are the key element pushing the equation upward.

Holding the structure constant, one also observes an increase in the priority given, on average, to higher central government budget shares in GDP in both the Asian and African regions. In the African region, the increase is steady throughout, whereas in Asia, the increase in priority only occurs through 1981-83, the IEC index stabilizing thereafter. In the Western Hemisphere region, one observes a decline in the priority attached to government expenditures between 1975-77 and 1978-80, only to be reversed in the 1980s, and recovering the index values of the earlier period. This increase in priority during the 1980s largely reflects noninterest payments.

Using the results to estimate the HC indices (Table 4), it appears that total expenditure levels are lower than would be predicted—by 10–15 percent in the Western Hemisphere and Asia. In Africa, total expenditure and net lending is about 10 percent higher than expected, and in the Middle East, 40 percent higher. Obviously, for this broad expenditure aggregate, individual country indices are likely to be more relevant.

IV Expenditures Classified on an Economic Basis

In presenting the IEC indices for the various economic categories of expenditures in Table 5, two values are provided: the index derived using the actual functional expenditure share for 1986 as an explanatory variable, and that derived using the predicted functional expenditure share for 1986; both cases use the pooled structural equations for prediction. As discussed in Section II, this allows the analyst to determine by how much the expenditure share on economic categories would change *if* a government were to change its functional expenditure share mix to that predicted from the pooled equations. The specification and results of the pooled estimating equation for the economic categories are presented in Table 6.

Empirical Results

Wages and Salaries

The wage bill obviously represents an important, and to a certain extent unavoidable, component of government expenditure, owing to the inevitable labor intensity of basic administrative functions. As a consequence, a large and reasonably significant constant term is observed in the estimated pooled regression equation. Apart from this personnel "overhead" factor, the government's involvement in the education sector proves to be the key factor determining the share of government wage outlays in GDP. Of the other functional expenditure shares, only the share of expenditure on economic services appears to have a positive impact and this is not highly significant.

Per capita income is negatively related to wage and salary expenditures, although statistically insignificant and with a very small coefficient. This does not provide the strongest support for the commonly held presumption that, as a country develops, the relative importance of direct government provision of services, and thus the government's role as an employer, falls while other types of expenditure (e.g., transfers) become more important. As a further test of this negative relationship, tests were made of the impact on a country's economic structure. For example, at a given level of development, are those coun-

tries with a large agricultural sector likely to provide fewer direct government services? As expected, the inclusion of the proportion of the labor force in agriculture proved to be negatively associated with wage and salary share in GDP; again, however, the coefficient is small and statistically insignificant.

Although the explanatory power of the equation remains roughly constant over the period, some relevant changes do occur in the structure of the equation. The coefficient of the expenditure share on education rises over the period, from 1.27 in 1975–77 to 1.85 by 1984–86; however, the overhead factor as represented by the constant term drops sharply, from a significant 3.3 to an insignificant 1.1, perhaps implying some shift in the distribution of wage outlays within the government. In terms of our approach to assessing whether there were structural shifts in the equation, the results suggest only negligible changes (Table 7). Also, no major change in the relative priority attached to spending on wages and salaries is discernible (Table 8).

A comparison of the regional IEC averages reveals that, on average, African and Western Hemisphere countries' expenditures on wages and salaries were roughly at predicted levels (whether or not one shifts the functional expenditure mix). In contrast, in Asian countries, they were almost 25 percent less than expected. If the functional expenditure mix were closer to that predicted (e.g., resulting in a decline in educational spending), the shortfall would have been less. ¹⁴ In the Middle Eastern and European countries, the wage and salary share was 15–25 percent more than predicted (and in the former countries, a shift in the functional expenditure mix would even further increase the average IEC value).

Other Goods and Services

The key functional sectors that appear to have the most dominant and statistically significant effect on purchases

¹⁹This result totally abstracts from the obvious policy problem of how one might cut employment (e.g., in education) and redirect the budget savings (oward higher wage and salary rates.

rances, Economic Caregories of Expenditure: international Expenditure Comparison indices, 1764-50, Ching Footied Structural Expenditure Equations for the Period 1978-86	egones of od 1978–86	cxpenarur	e: Internal	ronai expe		прапроп	nances, 19	64-60, Call	g roolea	Structural	Expenditu	ט
	Wages and Salaries	and	Other Goods and Services	Secods vices	Interest Payments	est ints	Subsidies and Transfers	s and fers	Acquisition of Capital Assets	tion of Assets	Capital Transfers	le l
	Y.	B;	'A	B;	A.	B;	A.	B ²	A1	B ₂	Αı	B ²
Africa	٠	•	*	*	*	*	*	*	*	*	*	*
Botswana	76.0	83.3	114.8	104.9	6.73	53.7	196.5	161.9	96.2	92.6	33.6	30.9
Burkina Faso	« 4		* ;	* •	78.1	8.5.8	59.2	60.3	48.1	38.0	* 1	* *
Surundi	101	9	105.1	C 10	17.5	44.7	77.4	45.5	150.9	1547	ž C7	140.8
Central African Rep.	; 1	•	*	*	* i	1 * :	*	*	*	*	*	*
Congo	* :	4	4 6		* .	* (* ÷	* :	* (* !	* •	* :
Cète d'Ispire Estimais	r- « g	67.6 *	7) + 500.	**	17.4.1	0.69.1	x 9	* *	6;H	133.7	* *	* *
Edmetra Galvon	,	8, 08 8, 08	*	287.0	*	133,5	*	52.0	*	*	*	*
Gambia, The	,	88.3	*	104.0	*	41.0	*	79.4	*	*	* '	*
Chana Guinga Bissau	95. -	0.805 *) 5. *	67III *	103.9	×7.1 *	 	¥ *	0.47	49.7	21.0	15.6 *
Crumea-Bissau Kenta	358	۶ ۲۰۱	1223	1130	1823	522	114.1	116.5	68.9	589	64.2	70.4
Lesotho	7	211.7	116.7	194.8	162.3	252.5	75.5	72.0	115.7	246.5	7.4	38.8
Libena	134.8	101.9	6,949	म. १५	130.7	134,9	63.9	36.1	93.1	98.4	10.5	18.4
Madagascar	* `	* 00	a 4	* 5	± 071	* 0	* 4 07	* 6 75	* ₹ ₹	* 57	* u	* 6
Malawa	\$ C C	0.5%	C. A. S.	4. 4. 4. 4.	7.00.7	0.70	23.0	20.2 41.3	<u> </u>	24.5	<u>.</u> *	Ç. *
Mauntania	ļ * Ī	0 * F. −	- H	*	`.* *	*	*	*	*	* *	*	*
Maurities	881	89.2	67.5	17.7	293.6	244.6	84.3	93.4	77.3	42.9	55.9	43.1
Morecco	105.1	7.97.7	81.0	103.0	129.0	132.0	73.5	127.2	117.5	181.9	0.0	0.0
Niger	• 1	* •	a •	* >		* 4	× ×	* *	* *	÷ #	* *	* *
Rwande	* F	• (* 0	0 901	1367	1373	: r.c.	3 081	. >	: +	: 2	* *
Sings I some	- C SE	00 E	127.0) - - -	114.0	102.1	33.	24.5	*	**	∌	#
South Africa		5003	*	• * :	*	, ,	*	169.4	*	•	ť	135.5
Sudan	•	*	*	٠	*	40	*	*	*	*	÷ .	*
Swariland	8. i	<u> </u>	v. r 8: 7	113.2	70.0	585	* 200	57.9 1.69.1	, d	* 32	4 0. *	* *
Tanzania	, u	7 751	151.7	250	5.201 116.2	0.701 117.8	69.5	158.4	143.6	139.6	04.7	9 101
Tunista	: T	115.5	5 <u>6</u> 6	70.6	76.6	94.6	176.6	161.2	103.2	131.9	147.6	202.9
[ganda	•	*	æ	¥	*	*	*	*	*	*	**	*
Zaïre	* 1	* (« 4	* • • • • • • • • • • • • • • • • • • •	* ò	* :	× 3	* 0	* *	111.0 5 5 C C	li se	* - 4
Zambia 2:	2,00° 1,00°	7 5	* *** ***	X 75.	7 505	7-1+	205.3	* *	29.8	50.8 80.8		*
S. Harriston		,		!	i		! !					
A503 D 1 - 4 - 5 -	*	•	¥	٠	*	*	*	*	*	*	*	*
Sanglacevo	1013	1303	82.6	74.9	134.3	127.7	55.9	66.7	45.2	44.4	80.3	0.97
Indenesia	62.7	231.8	4.1±	52.9	110.6	116.1	247.4	159.7	100.9	151.8	38.6	6.12
Korea	0.85	e, . e, .	113.9	116.4	T *	66.1 1.17	۴. د.	₹. £.	7. * * *.	4 4 *	(I.C.12 (I.	ç C
Malaysia	3 7	×.	* *	/ VIU.7	*	/ *	*	5.* †	*	*	*	*
Vivanimar.	•	*	*	*	*	*	*	*	*	*	*	**
Pakistan	16.0	7.4.7	0,522	274,0	249.7	200.7	89.9	123.0	8.06	67.9	2.5	0.7
Papua New Guinea	103.7	6771	136.3	177.3	88.1	109.7	231.6	168.6 16.0	7.75	135.1 25.0	33.7	÷ +¥:
Philippines	73.1	o, 0	- io	- E	2021	138.0	42.9	21.6	129.9	159.8	162.6	117.0
Sungapore Solumina Johanda	· ve	5 * †	154.6	144.1	66.1	108.3	175.1	217.5	103.1	208.6	*	*
Southfilm Islands Sri Lanka	49,6	<u>3</u>	8	100.2	168.2	184.9	0.96	100.1	77.2	97.2	* 1	* 5
Thailand	202	6501	162.5	134.0	202.8	173.4	C *	— * ₹	124.2	7.0 x	i 4/	*
Western Samoa		,	,	ı								

13.1 77.3 56.3 208.1 208.1 208.1 209.1 163.3 163.3 164.2 163.3
* * 12
113.6 146.0 14. 113.7 6 18.4 18.7 6 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0
115.1 42.1 34.2 123.8 * * * * * * * * * * * * * * * * * * *
314.8 50.5 34.4 135.8 8 8 14.1 164.7 134.1 128.5 50.4 82.8 42.1 8 8 4 42.1 8 8 8 42.1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
90.1 118.5 115.6 96.8 115.6 96.8 115.6 11.4 11.4 11.4 11.9 11.9 11.5 11.5 11.5 11.5 11.5 11.5

* Missing observation. In calculating the predictor variable, the actual functional expenditure share is used as a predictor. In calculating the predicted value of the dependent variable, the predicted functional expenditure share is used as a predictor. Formerly Burma.

Table 7. Regional Average of International Expenditure Comparison Indices Observed Holding the Data Vear Constant (1978–80) and Varying the Expenditure Structure: Economic Expenditures

Expenditure						
Category and Equation Years	Average	Africa	Asia	Europe	Middle East	Western Hemispher
	<u> </u>					
Current expenditure			107.0	100.0		
1975–77	104.0	105.1	107.8	100.2	112.3	99.1
1978-80	99.7	99.5	101.3	100.5	113.9	95.2
1981-83	94.8	96.2	98.4	90.6	106.1	89.1
1984–86	91.9	89.8	95.8	88.6	109.7	88.3
Capital expenditure						
1975–77	99.4	105.6	90.7	67.2	115.6	99.5
1978-80	97.6	106.7	90.3	66.1	93.5	98.9
1981-83	101.2	110.0	88.2	86.1	102.6	100.5
1984-86	118.2	132.5	103.1	99.7	114.6	114.0
Net lending						
1975–77	63.7	45.1	98.7	39.3	129.4	49.4
1978-80	70.0	44.1	120.4	46.3	114.0	56.6
1981–83	63.7	64.0	96.5	35.5	85.0	43.0
1981–85 1984–86	89.3	87.2	129.3	53.2	137.7	62.1
Goods and services						
1975-77	97.8	103.4	99.3	86.0	102.3	91.5
		103.4	99.8	94.3	101.1	95.2
1978-80	99.7					
1981-83 1984-86	100.5 98.1	104.0 99.0	101.7 100.6	97.4 98.2	96.2 92.1	97.6 97.5
	90.1	27.0	100.0	90.2	72.1	312.7
Wages and salaries 1975–77	99.8	104.8	75.7	125.5	110.6	97.0
			76.4	127.1	108.7	99.7
1978–80	99.2	101.2				
1981–83 1984–86	97.9 100.7	96.4 101.9	76.4 81.0	132.5 125.2	110.8 109.9	100.0 101.5
		101.7	07.0	123.2	100.0	10,1,2
Other goods and serv		100.5	126.6	47.7	02.4	72.5
1975–77	93.6	100.2	125.5	67.7	93.6	
1978-80	99.2	100.0	132.5	79.3	101.7	82.6
198183	100.3	104.3	133.6	80.8	109.8	78.4
1984–86	97.1	101.0	131.6	77.5	99.5	75.9
nterest payments						
1975–77	111.8	101.0	153.0	104.0	75.1	109.0
1978-80	100.3	94.6	137.1	95.6	90.7	88.8
1981-83	74.3	67.6	98.7	74.7	61.9	70.5
1984-86	65.2	59.2	81.3	69.5	55.9	63.9
Subsidies and transfe						
1975-77	107.5	95.7	120.3	132.1	151.2	102.7
1978-80	100.5	89.8	120.0	119.1	149.3	91,0
198183	92.4	84.8	114.6	102.5	143.2	79.3
198486	91.8	81.2	105.7	101.2	116.3	90.6
Subsidies net of socia	d					
security outlays						
1975- 77	106.1	96.4	101.9	136.1	46.7	125.1
1978-80	93.4	87.2	91.2	162.2	57.9	101.1
1981-83	82.6	83.0	91.6	125.6	65.2	74.6
198486	91.6	97.0	81.8	104.1	40.2	92.6
Fixed assets						
1975-77	102.8	101.4	111.5	86,9	120.5	97.5

Table 8. Regional Average of International Expenditure Comparison Indices Observed Holding the Equation Year Constant (1978–80) and Varying the Data Years: Economic Expenditures

Expenditure Category and					Middle	Western
Data Years	Average	Africa	Asia	Europe	East	Hemisphere
Current expenditure						
1975–77	95.6	95.1	96.3	96.4	114.2	87.8
1978-80	98.6	98.9	102.4	102.4	113.9	87.8
1981-83	102.8	103.1	100.7	108.5	115.9	97.8
1984–86	106.2	109.3	102.9	125.0	111.0	99.8
Capital expenditure						
1975–77	94.2	105.7	92.3	51.8	80.7	96.8
1978-80	93.8	95.5	101.9	52.5	93.5	94.6
1981-83	92.7	94.4	90.8	57.4	118.9	88.3
1984-86	83.6	82.2	85.2	55.1	101.1	82.4
Net lending						
197577	76.3	99.2	47.አ	93.4	131.0	38.1
1978-80	76.5	97.6	56.2	62.8	147.1	39.5
1981–83	91.7	94 .5	59.4	99.7	185.6	79.9
1984–86	78.4	89.2	70.0	41.9	120.8	65.5
Goods and services						
1975-77	99.5	103.1	97.2	103.6	109.2	92.2
1978 –80	98.5	100.9	101.8	102.9	100.9	90.5
1981-83	100.4	106.3	93.6	105.0	110.8	93.6
1984–86	99.1	104.3	93.1	98.1	115.6	91.1
Wages and salaries						
197577	98.2	100.7	69.4	117.2	118.1	104.2
1978-80	97.3	99.4	67.8	128.1	109,2	106.5
1981-83	98.5	102.3	65.8	127.8	107.3	109.8
1984-86	96.3	99.8	66.8	123.2	108.1	104.0
Other goods and servi						
1975-77	101.9	97.5	119.0	100.8	113.5	86.9
1978-80	100.9	94.3	134.9	75.6	102.6	80.6
1981-83	105.1	109,7	125.5	73.0	111.7	79.2
1984-86	105.5	108.3	127.4	51.4	115.7	85.5
Interest payments		_				
1975-77	72.4	67.6	94.1	84.4	73.1	59,2
1978-80	86.2	87.5	111.7	53.3	90.7	69.0
1981-83	110.7	115.6	128.6	80.7	98.9	98.9
1984~86	113.4	121.6	143.7	101.7	128.5	75.5
Subsidies and transfers						
1975-77	100.2	93.8	107.7	75.5	177.6	81.5
197880	101.4	87.2	121.5	89.2	174.9	81.8
198184	103.3	91.4	119.0	95.7	1,39,9	95.3
1984 - 86	109.9	110.8	119.8	92.4	117.5	98.2
Subsidies net of social security outlays						
1975 77	104.3	97.2	102.1	162.0	183.9	84.0
1978-80	97.6	89.7	110.5	162.2	129.0	73.8
1981 83	105.0	99,8	100,3	419.6	122.3	112.5
1984-86	114.4	127.0	94.1	164-8	109,4	111.5
ixed assets						
1975 77	102/4	108.7	102/0	913	71 ₹	109.4
1978 80	101.2	103.0	102.4	84.3	96.2	103.2
1981-83	102.7	103 4	94.9	74.3	122.6	107.2
1984 86	91.1	83 fs	79 4	77-б	117.5	104 0
'apital transfers						
1975 77	55.6	54.7	5 U.2			57.3
1978-80	68.5	83.4	42.4			65.8
11132 1 32 1	57.3	6O 4	55.6			55 5
1981-83 1984-86	46.6	38.5	56.1			49,8

Holding the structure constant, one sees that outlays other than those for social security and welfare appear to be the key factors affecting the positive shift in priorities toward subsidies and transfers in Africa, the Western Hemisphere, and possibly the Middle East over the period. After the mid-1970s, the priority attached to non-SSW subsidies and transfers appears to have diminished, but this was offset by an increase in priority of SSW-type outlays.

Regionally, the experience with regard to these expenditures has been somewhat different. In 1986, Asian countries spent, on average, 17 percent more than predicted, and European countries 28 percent more. In contrast, Middle Eastern and Western Hemisphere countries spent, on average, about 10 and 17 percent less than predicted. If one adjusts the IEC indices to take account of the predicted rather than actual functional expenditure mix, one observes some interesting changes in the indices. For the Middle East, present spending would then appear greater than predicted, rather than less. For Africa and Asia, a shift to the predicted functional expenditure mix would imply that greater rather than lesser subsidies and transfers might be considered necessary (although the composition, for example, between SSW and non-SSW outlays would undoubtedly be different). For the Western Hemisphere countries, the present expenditure level, rather than being too low relative to the predicted, would appear appropriate.

Fixed Capital Assets

Outlays on economic services and general public administration are the most important factors explaining the budget share on fixed capital assets. Both variables are significant at I percent, and represent the key government functions of providing a secure environment and the economic infrastructure regarded as crucial for development. A higher budget share on education also appears positively associated with spending on fixed assets. Spending on social security and welfare expenditures is negatively associated at a 10 percent significance level, perhaps reflecting the importance of transfers and other current spending for social purposes. As a consequence, countries with a higher proportion of expenditure on social security and welfare tend to have a lower proportion of expenditure on fixed capital assets. Real per capita income is not a significant factor in this equation.

The explanatory power of this equation falls in the mid-1980s, with the R^2 declining from about 0.7 in 1975-80 to 0.45 in 1981-86. The coefficient of the economic services variable drops sharply as well, from about 0.7 to 0.19-0.30 over the same period. The coefficient for general public administration displays some variability over the period. In most of the regions, there is a clear structural

shift against fixed capital assets, particularly after 1980. The only exception is the Middle East, where the structure shifted in favor of capital outlays between 1978–80 and 1981–83. Holding the structure constant, one sees the shift in priority against fixed capital assets mirror the structural shift. Again, only in the Middle East does one see the opposite trend, and only through 1981–83.

The regional averages for the IEC indices in 1986 show that only the Middle Eastern countries had IEC values significantly above 100, with the other regions indicating IEC values of 0.8 to 0.9, on average. If one adjusts the functional expenditure mix to reflect predicted levels, one finds a significant shift in the IEC index primarily for the Western Hemisphere countries; present capital expenditure levels would then appear significantly below the predicted budget shares.

Capital Transfers

Capital transfers are generally associated with the more capital-intensive mining and manufacturing sectors, but occasionally with the growth of a modern agricultural sector. Indeed, expenditure on economic services is the key functional determinant of such transfers. In the case of agriculture, capital transfers enable the agricultural labor force to use modern equipment and to improve its capital stock for processing and storage as well as allowing it to be protected from the effects of natural disasters. This explains why the size of the labor force in agriculture, an indicator of the lack of modernity in this sector, is negatively associated with these transfers. The negative coefficient for defense expenditure suggests that this type of expenditure pre-empts government allocation for capital transfers. Again, real per capita income does not prove significant.

Unlike other economic categories of expenditure, the explanatory power for capital transfers increases over the period, from 0.14–0.17 in the 1970s to 0.21–0.33 in the first half of the 1980s. Similarly, the size of the coefficient on economic services expenditure rises—from about 0.12 in the 1970s to about 0.20. This may possibly suggest that capital transfers became the more characteristic means of assisting development in the later period. Alternatively, it may simply signal that there was a need to provide such transfers to solidify the financial position of troubled non-financial public enterprises. The constant term after increasing between 1975 and 1980 then sharply diminishes, indicating that the overall level of such transfers was subject to general budget pressures.

Holding the data constant, one sees a structural shift against capital transfers, particularly in Africa and the Western Hemisphere countries, with an accompanying shift in budget priorities after 1980. In Asia, one observes a shift in priority against these transfers only in the mid-1970s, with a rebound in the early 1980s.

There is considerable variability in the regional IEC averages for capital transfers, with higher-than-predicted budget shares in the Middle East and strikingly lower levels in Africa, the Western Hemisphere, and the Middle East. On average, Asian countries spend as would be expected on this budget category. Adjusting, however, for the predicted functional expenditure mix would change the appraisal of the indices. In the Asian region, current spending levels would be regarded as inadequate. In contrast, the shortfall from the predicted budget share, while remaining large, would nevertheless diminish somewhat in Africa and the Western Hemisphere regions, on average.

Net Lending

Net lending constitutes another mechanism by which a government may seek to assist development in the private and public enterprise sectors. Since net lending includes investments in equity, in principle one might observe negative swings in this variable with the receipt of the sales proceeds derived from privatization. In most developing countries, this was not likely to be quantitatively significant during the period under analysis.

Not surprisingly, a high budget share for economic services has a positive and significant impact on net lending operations. Equally relevant, though not as significant statistically, is the positive relationship with the share of manufacturing in GDP. As with capital transfers, one observes an increasing explanatory power over the period, though this is associated with a decline in the value of the coefficient of the economic services expenditure variable.

Holding the data constant, one sees only obvious trends emerge in Africa and the Middle East. In Africa, there was, on average, a structural shift against net lending from 1978–80 through 1986; in the Middle East, the structural shift was in favor of net lending through 1983, though with a sharp reversal after 1983 (which mirrors similar developments in fixed asset acquisition). Holding the structure constant, one notices a marked shift, on average, in priority in favor of net lending in the Asian, Middle Eastern, and Western Hemisphere countries, though in the latter two regions, the priorities reversed after 1983. Interestingly, Asia is the region where, on average, net lending is higher than predicted. It is particularly low in the Western Hemisphere and European regions.

V Conclusion

This paper began by noting that it addresses a number of different needs. As a positive analysis of what has happened to expenditure over the last decade, and of the change in the relative importance of the key explanatory variables and the overall robustness of the estimating equations for government expenditures, the paper provides a number of interesting results. These are largely summarized in Section I, but nevertheless particular attention should be drawn to the tendency for the explanatory power to decline for a number of key expenditure equations, such as those for the economic services sectors. There is need for greater effort to understand the reasons for this decline and its implications. It has been argued that it reflects the displacement of "fundamental" determinants of investment expenditure by a range of factors, which include the importance of rent-seeking and external political factors. More work however would be needed to confirm this hypothesis.

The Tait-Heller study concluded that the IEC framework provided a "starting point" for analysis. In many respects, this conclusion would still appear valid; if anything, the issues associated with using the IEC indices have become more rather than less complex. This reflects both the availability of a richer and longer time series data base on public expenditures, coupled with the recognition that the "appropriate reference period" for drawing normative conclusions is not particularly obvious. The mid-1970s was a period when budgetary pressure was significantly less than at present, and the leeway for a larger capital budget considerably greater. The present

period of fiscal austerity for many countries has, when combined with the range of political and institutional constraints that shape expenditure patterns, produced an expenditure structure that country analysts would characterize as unproductively skewed. One can be justifiably nervous in suggesting that current period budgetary patterns are a reasonable basis for comparison for normative analyses; however, the earlier period budgetary patterns are no longer affordable, or achievable on a scaled down basis. This forces the analyst to examine the present expenditure structure of a country with both the hindsight of earlier "norms" and the perspective of the present structural relationships and budgetary constraints underlying expenditure.

Data limitations also pose a limiting factor on the usefulness of an analysis of the IEC indices of a country, and even more strongly suggest its use only as complementary to more detailed sectoral and economic analyses of expenditure profiles. The expenditure categories available in the GFSY data base are highly aggregative. For making judgments on the quality of an expenditure pattern, one must clearly dig more deeply than a simple sectoral aggregation. How money is spent within the health or education sector matters far more than the fact of its allocation to one of these sectors. Even if the intrasectoral distribution of expenditure were to be deemed appropriate, the quality of that spending cannot be gauged without a more detailed analysis of the level of employment, of total compensation, of operating outlays, and of maintenance within each subsector.

Appendix I Determinants of Public Expenditure

Review of the Literature

A review of the proliferating determinants literature reveals a wide range of explanations for public expenditure growth.

Demographic Influences

The importance of population size has long been appreciated, many studies having examined public expenditure in per capita terms. Apart from its size, the rapidity of increase, the age structure, ¹⁶ and the geographical concentration ¹⁷ of population have all been mentioned as possible explanations of public sector expansion. A number of demographic indicators were thus included in our empirical analysis (see variables 1–9, Table 11).

Social Influences

Taking a demand interpretation of expenditure growth, several writers have emphasized the community's various social needs, such as the need to expand expenditure on education in response to the growth in the school-age population. Some writers explain the growth in education expenditure by the increasing technological requirements demanded of the labor force (e.g., Pryor (1968), Appendix E7), others by a change in social values and individual preferences (e.g., Musgrave (1969), p. 85 ff.), much depending on whether expenditure on education is regarded as consumption or investment. To proxy the demands on the labor force resulting from technological change, the shares of the labor force in agriculture and industry (variables 10-11) were introduced. At the same

time indicators of social preferences influencing the demand for social services such as education and health were also included (variables 12–17).

Another rapidly growing component of public expenditure has been in the area of health and social services. Again, this development has been interpreted in diverse ways, with some viewing it as a consequence of the change in economic and social organization requiring greater state protection of the individual, ¹⁸ and others as a change in ideology with a substitution of collective for individual responsibility. ¹⁹ Variables 18–20 attempt to capture these influences.

Parallel to this argument, again stemming from Wagner's seminal work, several writers have proposed that, as society develops, the cause and consequence of the division of labor and the concomitant increase in the complexity of social relationships generate increasing social friction. Musgrave (1969, p. 79) suggests that, owing to this increasing interdependency, externalities have increased and with them the need for greater social control. The requirement of greater regulation, law, and administration, and the provision and maintenance of such services would be manifested in increasing expenditures.20 The social unrest argument is in line with the Peacock-Wiseman displacement hypothesis that major social upheavals, such as war or rapid inflation, exert an upward pressure on public spending (Peacock and Wiseman (1961)). Another variant of the argument underscores the need for government action-such as Keynesian stabilization measures-to correct malfunctions in the economy.

OFFor example, Goffman and Mahar (1971) consider the age structure of the population to have been a dominant factor in public expenditure growth in six Caribbean countries during the postwar period.

O'The consequences of urbanization have been stressed in various studies (Williamson (1961); Deutsch (1961); Thorn (1967); Goffman and Mahai (1971)). The consequences of suburbanization, however, have generally been overlooked.

¹⁸For example, Williamson (1961) would argue that along with urbanization has gone the submergence of the informal security of the village and extended family and the emergence of formal state security. While Andie and Veverka (1964) see the crucial change in economic organization as a secular decline in the size of the consumption unit, so that "[a]s economic growth tends to reduce its size as well as dissolve many collective organizations, i.e., family interposed between the consumption unit and the state, this leads to a general demand on the public authorities to protect the economic status of the individual members of the community" (p. 221).

¹⁹CL Martin and Lewis (1956); Andic and Veverka (1964).

²⁰ This argument is in line with J.K. Galbraith's emphasis on "market tailure" as necessitating increasing public intervention (Galbraith (1967), p. 296-ff.).

Table 11.	Variables	Used	in	Basic	Regression	Model
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Variable Number	Variable Name	Description
		Demographic Influences
1 *	Pop.gr	Growth rate of population in average of previous three years
1* 2*	Pop. 14	Percentage of total population 14 years of age and under
3	Pop.64	Population 15-64 years of age
4*	Pop.old	Percentage of total population 65 years of age and over
5*	Urb.pop	Share of population in urban areas
6*	Urb.gr	Growth of urban population in average of previous three years
7	Рор.агеа	Population per square kilometer of land area
8*	Infmor	Infant mortality rate
9	Agr.dens	Population density per square kilometer of agricultural land
		Social Influences
10*	LF.agr	Share of labor force in agriculture
11*	LF.ind	Share of labor force in industry
12	Primar	Enrollment rate in primary schools
13*	PPL.Tch	Pupil/teacher ratio
14*	Grade6	Percent of pupils reaching grade 6
15	Illtr	Illiterate population as percentage of population age 15 years and over
16	Hosp	Population per hospital bed (thousand) Population per physician (thousand)
17	Dr C C C C C C C C C C C C C C C C C C C	Share of the manufacturing sector in GDP
18*	Manuf.GDP	Share of the maintacturing acctor in GDP
19*	Agr.GDP Manx	Share of manufactured goods in total exports
20*	Inflation	Current year's nominal GDP divided by average nominal income of preceding five years
21 22	Terms/TRD	Average three-year change in the terms of trade
23	Riots	Number of years out of the previous five that a country experienced one or more political
2.7		riots, political strikes, or politically motivated armed attacks
		Income Level and Distribution
24*	GNP.PC	Per capita gross national product
25	Corr. YPC	Per capita gross national product corrected for international price distortions using Work
2.,		Bank methodology (Atlas method)
26	Inequality	Labor income/(investment income + property income)
		Financial Constraints
27*	DTax/Totr	Ratio of direct taxes to total revenue
28	TRev/Spen	Ratio of total tax revenue to total government expenditure
29	Def.Lag	Average of previous year's deficit to GDP
30	Trade.GDP	Ratio of imports and exports to GDP
31	Ex.m.lm	Resource balance (exports minus imports) as a percentage of GDP
	Trade.taxr	Taxes on international trade/total tax revenue
32	Resv.imp	Ratio of change in official reserves to total imports
33	Monthsresev	Months of import coverage of official reserves
34	Imp.GDP	Imports/GDP
35	Exp.GDP	Exports/GDP Demand deposits/total money supply
36	Demdep.ms	Currency outside banks/total money supply
37	Curr.ms	Ratio of previous five-year average of imports to the current year's imports
38	Imp,short Lt,debil	Long-term debt—all creditors as a percentage of GDP
39*	Oc.debt	Outstanding debt (concessional) as a percentage of GDP
40 41*	All.debt	Outstanding debt-all creditors as a percentage of GDP
42	Off.trsf	Official transfers per capita
		Technology
43	Energy	Energy consumption per capita
44	Cars.pop	Number of automobiles per 1,000 of the population
45	Transfi	Net current transfers from abroad
46*	Water	Access to safe water (as a percentage of population)

^{*}Variables included in the reported estimating equations; variables without an asterisk were tried but not found significant.

(Hindrichs (1966); Martin and Lewis (1956); Andic and Veverka (1964); Tanzi (1986)).²⁴ Pryor (1968), however, from a comparison of East and West Germany, discounts the importance of this factor.

The effect of changes in political structure on both the growth and time pattern of public expenditure has also been discussed (Dye (1963); Morss, Fredland, and Hymans (1967)). Peacock and Wiseman have emphasized the degree of concentration of spending at the central government level—the concentration process—as a possible determinant of the overall growth of public spending. It could be argued that by transferring expenditure decisions from local to central government, one moves away from the one-to-one relation between benefits received and taxes paid, so that there is a subsequent loss of control, reinforced by the possibilities of interdepartmental log-rolling and associated practices at the central government level.

In North America, the administrative process has also been increasingly scrutinized for its influence on the growth of public spending. The idea that civil servants have a stake in the growth of government expansion—that there is a sort of Say's Law in operation25—is not new.26 Students of the budgetary apparatus have also been convinced of the upward bias it imparts to expenditure decisions (Breton (1974); Wildavsky (1964)). They point out that legislative bodies have to approve the budget in an extremely limited time period and, moreover, the budget is organized on incrementalist lines, hence the argument that the very scale of public spending may have exerted upward pressures on its growth owing to inadequate control. Such a situation has been exacerbated by the role of special interest groups and rent-seeking behavior (Tanzi (1986); Tollison (1982)). It is difficult, however, to devise empirical indicators for such influences.

Factor Analysis

This review of the literature on the determinants of government expenditure presents a picture not uncommon in the social sciences. Namely, we are confronted by a bewildering array of possible causal influences and a large number of possible indicators, all of which appear highly correlated. As indicated in Section II this interdependence, or multicollinearity, between variables involves numerous problems for the interpretation of the regression results. The difficulty in interpretation arises not merely because explanatory variables are closely correlated, but also because they are in fact describing related dimensions of the same phenomena. If this is so, then isolating individual indicators for use in the regression models would oversimplify the explanation and run the risk of misleading conclusions.

Given these considerations, it was decided that for expediency, we should attempt some analysis of the interrelationship in our most important explanatory variables (i.e., those that appear most regularly in the individual regressions). For this purpose, factor analysis was employed; it is an efficient way of systematizing the interrelationships in the data. Factor analysis is a generic term for that branch of multivariate analysis that deals with the internal structure of the correlation matrix. Essentially, it describes a procedure for exposing the basic underlying structure behind the covariation of a set of variables. Although primarily used to give a condensed description of the data, and so providing a warning of areas of major multicollinearity, it is also a technique that arguably can facilitate interpretation. The results of an orthogonal factor analysis are shown in Table 12, for the 21 most common explanatory variables entering our regression equations.

An examination of the table shows five independent patterns of interrelationship in the data. It should be noted that the variables have been reordered to reflect their hierarchy in each factor, and the factors rearranged in order of explanatory importance. At the foot of the table, the "factor contributions" equal the sum of the column of squared loadings for each factor. By multiplying these by 100 and dividing by the number of variables, the percentage of the total variance accounted for by each factor is obtained. The communalities, displayed in the extreme right column, show the degree to which each variable's variation is represented in these five factors.

It is evident that with few exceptions all the variance of these variables can be represented in this factor structure. An important feature of the latter is the extent that the variables are "loaded" on more than one factor. It should be remembered that the factor weights or "loadings" shown for each variable can be interpreted as its correlation coefficient with the relevant factor. Thus a factor weight of around 0.7 signifies a covariation of only about 50 percent of the variable with the factor. It can be seen that only 8 of the 21 variables show weights significantly above this level. This dispersion of the variation of the indicators has three implications for interpretation. First, the variables are describing overlapping features of variation in the data, suggesting that they are imperfect indicators for what

²⁰These writers resort to the prevailing notion of the role of the state as a causal explanation of public spending. Musgrave (1969, p. 85) is also inclined to stress the "changes in cultural values and philosophy" as an influential conditioning factor.

²⁰⁰r as Bird (1970, p. 61) puts it, "creating a supply of bureaucrats tends to create a demand tor services of bureaucrats."

²⁶ Peacock and Wiseman (1961) coined the term "inspection process" to describe this effect, which also played a prominent part in Parkinson's Law (Parkinson, (1957)). Aaron (1966) has advanced the thesis that the size of social insurance schemes in the United States depends on the length of time they have been in operation. More recently, altempts to deal with the optimal size of the public sector have focused on the role of the bureaucracy (Borcherding (1977); Niskanen (1983)).

they purport to measure. Second, any causal interpretation of individual factors is made complicated. Third, on the positive side, this implies that the degree of multicollinearity in the regressions is limited to smaller subsets of the data.

The interpretation of the factor structure is perhaps the most difficult part of the analysis and inevitably any conclusions cannot claim to be more than tentative. While the discussion so far has concentrated on the way variables are loaded on the factors and is thus descriptive, the causal perspective cannot fail to color the interpretation of these factor results. After all, the primary data has been derived from a review of hypothesized determinants of government expenditure that have been proven important in subsequent regression analysis. While much controversy has been generated by the causal interpretation of factors, it may be considered worthwhile to make an attempt to relate these empirical constructs to the hypotheses outlined in the previous section.

The first factor, accounting for almost 30 percent of the variance in the data, is made up of eight variables that are relatively unconnected to the other factors. They are

a mixture of predominantly economic variables that indicate the level of general development (e.g., per capita GNP, size of manufacturing sector, degree of urbanization), and the short-run state of the economy (inflation, level of foreign reserves, size of the foreign debt). The second and third factors, each representing around 20 percent of the variation in the data, tend to be described by a set of variables that if positively loaded on one factor is negatively loaded on the other. Between them the factors describe the degree of openness of the economy (trade-to-GDP ratio, level of imports, exchange rate movements) and social indicators of its level of modernity (size of agriculture, illiteracy rate, infant mortality). The fourth factor, accounting for 11 percent of total variance, is represented by those variables describing factors that indicate the degree to which financing of expenditures may be a problem (import shortages, taxes in total revenue, size of the dependent population). The last factor, accounting for 10 percent of the total variance, represents those domestic variables, such as the tax structure and the population base. These variables perhaps describe the ease of raising revenues to finance expenditures.

Table 12.	Orthogonally	Rotated	Factor	Matrix
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Variable	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Communality h2
mths.res	0.9416	().()4	- 0.0673	0.2224	-0.2193	0.9902
inf.	0.9411	0.043	-0.0701	0.2226	-0.2189	0.9898
manut.gdp	0.9399	0.0347	-0.0624	0.2215	√0.2196	0.9858
gnp.pc	0.9388	0.0763	-0.1016	0.2265	-0.2154	0.9952
grade6	0.926	0.1093	-0.1326	0.228	-0.2096	0.9829
urb.pop	0.8692	0.2252	-0.2426	0.2327	0.1885	0.9548
ali.debt	0.8102	-(),(XXX)9	-0.0173	0.187	-0.1942	0.7295
If.indus	0.7677	0.3532	0.3593	0.2243	-0.151	0.9163
ppl.tch	-0.0338	-0.79 63	0.6923	0.1294	0.0245	0.9967
agr.gdp	0.0267	-0.7057	(1.6949	-0.132	-0.0214	0.9995
urb.gr	0.0354	··(), 7()54	0.6942	-0.1332	-0.0202	0.9988
iltu	0.0308	-0.7037	0.693	-0.121	-0.0321	0.9921
pop,area	-0.0392	0.7026	0.6921	0.1193	0.0336	0.9895
infmor	-0.1093	- 0.6982	0.6853	- 0.1435	-0.0082	0.9897
trade.gdp	0.0415	0.6981	-0.6884	0.1194	0.0327	0.9782
imp.short	0.0943	-0.544	0.649	0.5228	0.0254	1,0000
ex.rate	0.0941	0.5398	0.6479	0.5229	0.0251	0.0000
trade .tax	0.0234	0.3418	0.2127	0.5899	0.6995	1.0000
taxrev.r	0.0231	0.3419	0.2128	-0.5897	0.6996	1.0000
popold	0.2954	0.3016	0.2163	~0.5621	0.6773	0.9997
popula popl14	0.3075	0.3247	0.1928	-0.5546	0.6747	0,9999
Factor	6 .	4 4 70 7	1.50.2.2	2.3722	2.2294	
contributions	6.6156	4.6782	4,5933	2.3744	2.2274	

Appendix II Statistical Tables

Table 13. Functional Expenditure Categories: International Expenditure Comparison Indices from 1975-77 to 1984-86, Using Pooled Structural

1964-56 1975-77 1978-89 1981-85 1995-77 1978-49 1981-85 1995-77 1978-49 1981-85 1995-77 1978-49 1981-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-85 1995-95 1995			General Public Services	die Services			Defense	nsc			Education	ation	
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Proceedings	Ethore	•	*	•	•	*	*	*	¥	81.9	80,4	94.7	*
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1942 1943 1948 1947 1948 1949 1849	Vancitus	1 35 1	7	117.1	7.101	α (ς)	×.	21.8	13.2	63.7	108.1	94.6	77.8
Fig. Section Section Fig. Section Section Fig. Section Section Fig. Section Section Fig. Section Fig. Section	Money	1 7 7	143.7	8.70	01.7	156.0	1.951	163.9	151.4	*	•	*	*
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Africa 394 103.0 12.9 12.6 12.6 13.6 31.2 8.7 84.7 14.8 11.8 11.8 11.8 11.8 11.8 11.8 11.8	Serta Leone	\$.	116.5	7.6	68,0	55.1	46.5		36, ÷ 36, .	115.0	103.2	76.4	93.4
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1.00 1.00	Total	: 0 : V	- x	6 1 00 1 00	77.8	273.3	139.5	78.3	6'U8	114,6	125.6	186.9	196.1
172 1218 1300	E190411	G.	. IX	5,89	£	17 D	61.7	107.1	94.1	125.8	131.4	118.7	12K.9
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ballower 119.2 128.3 72.9 69.3 142.2 191.4 154.4 <t< td=""><td>Zambia</td><td>*</td><td>•</td><td>*</td><td>•</td><td>.</td><td>* :</td><td>* '</td><td>* :</td><td>147.4</td><td>109.9</td><td>114.0</td><td>6.88</td></t<>	Zambia	*	•	*	•	.	* :	* '	* :	147.4	109.9	114.0	6.88
gladesh 29.0 44.3 85.9 91.4 37.7 42.5 48.2 52.9 48.2 13.0 gladesh 131.4 128.0 118.0 121.8 14.0 43.5 109.4 119.0 132.1 cacks 50.3 175.3 180.8 110.8 90.4 92.8 87.0 *	Zimbabwe	110.3	E.8.3	9.57	£ 09	142.2	4.[9]	च च च. -	6.45.1	XI.	47.7	CROI	7.67
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Table 13 (continued). Functional Expenditure Categories: International Expenditure Comparison Indices from 1975-77 to 1984-86,

1075-77 1075	114.1 25.5 13.5 13.5 10.1.7 10.1.7 10.1.3 10.1.5 114.9 114.9	28. 1801 3. 25. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1984-86 * * * * * * * * * * * * * * * * * * *	197577	1978-80					ECUTIONIE SCIVICES	
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African Rec. The Bissau The that that that that all all all all all all all all all a	6. • • • • • • • • • • • • • • • • • • •	85	*	174.6	*	*	*	6.761	*	*	*
	. • • • • • • • • • • • • • • • • • • •	4	4.5	3,35	s, y	1.01	5.55	79.5	5.0.7	60.4	105.3
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	\(\frac{2}{5}\) \(\frac{2}\) \(\frac{2}{5}\) \(\frac{2}\) \(\frac{2}\) \(\frac{2}\) \(\frac{2}\) \(\frac{2}\)	* * 9,777 9,475 *	,	*	*	×	*	*	63.6	•	174.7
	* 12 × 12 × 15 × 15 × 15 × 15 × 15 × 15 ×	* 6'22'	*	+	¥	•	*	8.701	110.0	128.7	*
	319 S 13 S 14 S 14 S 15 S 16 S 17 S 18 S 18 S 19 S 10 S	9,775 6,15,	*	*	*	ř	*	*	*	*	*
	\$18 * \$18 * \$24 * \$45 * \$45	9. * 7.	*	*	*	*	*	71.4	159.5	139.4	*
	* 131.8 * 14.9 * * 178.6		76.1	210.2	114.7	73.8	40,7	118.1	85.0	44.9	41.6
acar ana ana ana ana Africa Africa as as	131.8 11.4.9 178.6		*	¥	¥	*	*	*	*	*	*
ana ana ana ana Africa ana ana	114.9	56.9 P. 136.9	155.3	111.7	5.7	6'9	7.0	67.3	93.6	8'001	87.2
acar ana a Africa Africa a a	114.9 + 178.6	158.7	8.84 -	45.6	*	34.2	30.9	156.6	*	1.561	217.2
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ania ania ania Africa ania	78.6	•	*	*	*	*	*	*	*	*	*
us sura sura sura sura sura sura sura su		182.3	220.7	٠	65.5	31.2	23.9	•	¥	*	117.4
nna nus Africa Misa isa	1,94	13 <u>1.5</u>	67.N	*	*	270.0	•	5.8.7	(H).1	45.5	49,6
uos Perme Africa nud nud	76.0		*	4	237.1	*	*	*	*	*	*
Africa Mind	103.5	90.6	۳. غ	242.2	E(06)	182.5	136.0	69.7	50.9	37.4	42.3
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	×	110.9	133.7	116.1	150.1	244.6	*	175.7	0.291	80.0	0.50
	\$75.	F	*	0.081	84.7	92.4	73.9	101.4	97.8	119.3	144.8
	4.95	40.1	34.2	*	¥	*	*	*	*	*	#
	= 18	83.0	260.6	70,7	5.8%	16.8	8.02	87.8	49.0	71.6	69.7
	1,3	18.7	651	10201	975	180.s	106.3	115.0	126.0	102.8	86.2
Zimbahue 70,5	c.	0,70	1180.5	262.5	+	*	•	6.191	167.0	177.4	285.R
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Maka	45.54	Ç! •	C.X.	7.	5; ,	ر:/دا •	<u>5</u> *	₹.* -	0.761	* *	` * I	**
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		•	y	•	*	*	¥	31.0	*	*	*	1.8.5
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lerae d	- r:-	115,0	107.7	2,4%	173,3	145.4	1.8.7	6'621	*	*	* !	* :
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13011	•	*		*	*	*	*	#	*	* !	* 1	* +
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St. Vincent		128.4	113.5	137.7	*	*	*	*	*	30.7	33.4	50.3
Company		•		*	96.1	¥	*	103.7	112.3	*	*	126.7
Trinidad and Tobago	62.7	65.2	x	*	42.2	43.9	41.6	* :	164.9	165.3	101.9	* *
Luguay	8. H	6'87	U.∏ ∓1	42.9	1,37,6	116.8	159.8	125.2	* (• •	* 3	, ,
Veneruela	104,4	105.7	87.21	119.5	72.6	73.6	- ××	57.1	98.2	74.2	X4.4	210
Acetoo	9.68	8.8	102.6	100.5	100.7	\$.56	88.6	84.8	107.9	99.1	100.7	986
A(nc)	108.1	[04]	115.7	113.5	126.9	114.3	93.2	67.2	109.9	102.2	101.2	110.3
4813	61.6	67.0	73.9	82.0	67.3	6.0g	57.9	63.5	0.801	07.01	1.22.1	7.601
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Contrar American (No.) :	*	*	, *	*	*	*	633	*	
City of Point	•	33.7	*	17.7	*	109.4	•	271.6	
Ethiopia	₹ <u>₩</u> 2	8. 1 . 1	194.1	*	188.8	146.0	286.h	* •	
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Kenya	C. W	7 * E	0.86	8.69.1 8.69.1	*	*	105.8	6.69	
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	- •	•			*		•	•	
Madagas, at	*	٠	•	130,4	*	*	*	55.6	
Malina:	¥	117	219.0	*	0.0	30.6	9.9	5.79	
Vaucinage	. *			•	,	*	*	¥	
Mauritius	1011	5.19	0.74	92.5	76.2	8.16	87.4	57.2	
Morecon	•	82.8	Ħ	42.5	140.4	57.2	9.7.S	46.3	
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Indonesia	, ,	6.00	38.7	6.07	33.9	1.55	8.81	24.0	
Notes	2131	, pr. l	155	•	27.8	52.2	*	*	
Malayda	16.6	7116		٠	213.5	168.2	153.8	152.1	
Nyantist N	2.7	0.85	113.6	83.0	31.0	55.7	55.4	176.6	
ne pri ded	© ਜ	27.5	(7 c)	9.55	220.4	113.9	120,4	173.3	
Papus New Guinea	7 1	107.2	619	* !	با بن د د	* 0	* 50	44.5	
Philippines	*	238.0	0.571	6.65 -	C.0C.	K.0.1	118.7	190.2	
Singapore	0.15.	⊅ * 0	Ξ, * SŽ	! *	**************************************	1 *	*		
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Data nor available formerly. Berma

Table 14. Economic Categories of Expenditure: International Expenditure Comparison Indices from 1975-77 to 1984-86, Using Pooled Structural

1975,277 1978,80 1988	101.8 88.0 101.8 88.0 105.7 99.0 105.7 99.0 108.7 108.		135.77 134.4 55.5 121.4 121.4 121.5 121.2 131.2 131.3	204.2 132.9 68.2 68.2 127.5 74.3 122.0 73.2 104.5 194.5 194.5	1981-83 103.9 70.4 202.6 30.9 145.2 145.2 113.9 113.9 81.7	1984-86 82.8 82.8 48.1 120.8 76.5 76.5 76.5 101.6 71.2 103.5 39.6	164.9 164.9 164.9 18.6 18.6 136.7 170.2 242.8 28.7 28.7 172.6	1978-80 255.3 24.5 84.5 3.8 3.9 96.1 233.9	1981–83 * 221.8 *	1984–86
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at Faco and a second and a seco	• 101.88 • 10.89 • 10.80 • 10.	* 0.00 * 6.00 * 7.00 * 7.00	136. 137. 138. 138. 138. 138. 138. 138. 138. 138	204.2 68.2 68.2 127.5 745.2 745.2 745.2 104.5 10	202.6 202.6 30.9 145.2 113.9 113.9 81.7 98.8	82.8 48.1 120.8 4 4 5 7 6 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	164.9 18.6 13.6.7 170.2 242.8 28.7 172.6 172.6 172.6 172.6	255.3 254.5 3.4 3.8 3.9 96.1 233.9	221.8 *	*
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Search Reprinted	88.0 9.00 10.50 10.40 80.9 11.80 10.	2. 8 . 11 . 28 . 12 . 12 . 12 . 12 . 12	88 88 88 88 88 88 88 88 88 88 88 88 88	68.2 127.7 137.7 132.0 132.0 138.7 128	70.4 202.6 30.9 145.2 145.2 73.6 113.9 49.0 88.8	48.1 120.8 76.8 76.5 101.6 103.8 103.8 103.8	18.6 18.6 18.6 19.6 170.2 170.2 172.8 172.6 172.6 172.6	* * * * * * * * * * * * * * * * * * *	* *	218.9
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54) 54) 55) 65) 75) 85)	100,7	*	129.6	127.8	141.7	*	*	4.7	5.0	
549 549 549 549 549 549 549 549 549 549	•	*	8.68	46.6	1.99	105.8	251.8	*	87.3	124.
ladesh 83.2 83.2 95.7 83.6	87.6	108.5	र्क्:िस	22.4	27.9	21.3	8.69	28.1	116.2	74.4
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	. oc	† •	179.6	119.0	120.6	C #	0,,,21	7733	0 61	
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ew Guinea 120.5	133.6	136.1	76.5	63.5	53.6	52.7	74.4	40.1	84.5	*
3 (0) 3	6.77	SA.1	6,45	42.1	51.5	32.8	62.8	616	139.1	181.9
F2.74	83.7	77.9	104.0	113.0	124.4	169.3	245.5	160.2	270.4	183
klands 96.1	103.8	100.1	5.80 5.30	129.7	117.1	84.0	*	*	*	*

Pratient Comment	, .	2	1,18	% y	07.1	103.2	9.00	1.7%	7.05	<u>~.</u>	8.4 8.*	24.3
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Poland	,	•	¥	¥	×	*	*	+	÷	#	*	*
Portugal	11.	٠ ۲	<u> </u>	* .	10.	20.7	£.88	* -	* ;	#2 1	* :	* !
Torkey	, ·	ç. •	<u>.</u>	e +	- 6°X	7.1	2.0	1.5	47.7) *	<u>د</u> *	4 × *	7:1
Viddle Fact												
Patricin		,	*	1103	,	4,	ĸ	1.5.3	*	я̀	*	29.2
- E G	1.8.4	, U. i	1.46.0	130.8	117.3	148,6	٠	6,461	*	*	*	; # *
[seac]	,	•	÷	*	67,7	73.2	31.6	30.0	*	*	*	*
Lindan	3N N	7 %	C W	9.56	135.7	129.2	5.151	133.9	135.7	157.5	130.4	145.6
N. 18 & 18 & 18 & 18 & 18 & 18 & 18 & 18	स् हा	<u>~</u>	11. 12.	": * E	κ. *	۶: <u>۲:</u> ۱	5.05.1 *	C) *	120.1	129.2	231.7	0.901
Variation Vish Republic	P	8. Se	4.5.4	T %	5.751		125.5	140.3	*	Ÿ	*	*
Fosted Vrab Emirares	÷	. Y.	1.01	r'161	22.0	30.8	£'Ut	27.0	13.7	25.0	30.8	* *
Yearen Arab Republic	,	,	·	•	,	¢		,	ť	×	·	*
Western Hemisphere												
· 医二氏结肠炎	6 %	O) Lew	102.4	0.32		86.6	86.5	56,4	88.1	101.7	236.7	9161
Bathadov	X (1)	٠. آخ	N	₹. Æ.	701.5	119.3	110.1	25. 80.00	6.5	26.7	88.6	105.9
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Dominge	10.	146.9		*	106.1	158.6	*	¥	*	×	*	*
Dominger Republic	Ţ	1,47	177	82.7	115.3	5 16	70.9	61.1	8,8	45.5	2.7	0.6
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Mexico	변 (본)	f 1 f ff. 5 fr. 5	1.911	151.3	77.6	<u> </u>	7.16	o: +	86.2	\$ & -	œ: *	<u>7.</u> 6
Volcation of the Company of the Comp	: 0 9 9	10.7 10.01	1.63	106.7	- 77	1008	8 601	6.56	51.2	19.3	1546	22.4
Charles of	· «	30°	7.5	2.09	105.9	15.1	112.9	67.9	43.6	45.6	68,0	74.6
Peru	ır. J	105.9	45,7	•	6'66	61.7	*	•	0.0	0.0	*	*
St. Lucia	ı		¥	γ	*	*	÷	şı.	*	*	*	*
St. Vinceat	٠.	۲ القال	٠ <u>٠</u> ٠	571	* :	10+71	0.50	3,52	* 5 L	0.0	0.0	E ;
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Triplicad grad Lobago) <u>-</u>	x 5	0.01	v v 3	3,107	4,71	1.55.1 C. 56.0	ر 100 م	×:*	*	· *	· *
	1 %, 1 %	. V.	c	0.00	133.1	1,30,7	131.8	0.00	*	133.0	223.8	132.3
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First	ч 5	0.20	110.0	132.2	102.3	5,4%	77.1	60.6	63.5	42.8	63.0	30.9
Modelle Fast	5.13.	108.1	109,5	8 6	0.50	103.4	8,70	112.1	8 68	103.9	131.0	93.6
Western Hemserbere	o Çi	بر 5	 5		٠. 	Y. Y.	+.71	 	NI.Z.	77	X(),5	9.66

Table 14 (continued). Economic Categories of Expenditure: International Expenditure Comparison Indices from 1975-77 to 1984-86, Using Pooled Structural Expenditure Equations

1981-83 1984-86 1975-77 1981-83 1984-86 1975-77 1988-86 1975-77 1988-86 1975-77 1988-86 1975-77 1988-86 1975-77 1988-86 1988			Goods and Services	Services			Wages	es			Other Goods and Services	and Services	
17.5 17.5	Coupre	1975-77	08-8-61	1981-83	1984-86	1975-77	1978-811		1984-86	1975-77	1978-80	1981-83	1984-86
No. 1972 No. 1974	Africa									!			
11.2 11.5	Велія	83.9	83.9	٠	α	8	88.9	•	*	501.1	66.5	*	*
11.5 11.8 11.2	Botcuana		र्ग र	6'06	93.4	7.17	4.44	80.3	76.01	94.4	6.67	600	148
11-1 12-6 15-1 12-6 15-1 12-1 12-6 15-1 12-1 12-6 15-1 12-6 15-1 12-6 15-1 12-6 15-1 12-6 15-1 12-6 15-1 12-6 15-1 12-6	Burkina Faso	113.3	v. =	113.6	8.711	∢	1	161.0	. *	*	*	49.9	*
17.4 12.6 13.5 13.1 10.2 12.4 11.5 10.5	Burundi	•	*	*	×	*	*	*	*	*	*	*	*
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Сатепул		138.6	8.18.	112.1	102.7	121.4	118.0	102.3	109.5	106.1	155.2	105.1
1542 1547 1548 1549	Central African Rep.	•	•	5.5	*	*	¥	156.2	A	*	*	6.5.9	*
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	ريماؤن	*	•	*	•	¥	*	*	*	*	*	*	*
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Cate d'Ivoire	*	9.80 F	*	94.3	¥	8.06	*	80.7	•	77.4	*	89.2
15.2 170.7 17.0	Ethurpia	*	•	•	*	1.46.1	7,771	8.651	*	*	*	*	*
18.2 18.2 18.2 18.2 18.3 18.4 18.5	Cake	•		•	*	*	*	*	*	*	*	•	*
Record R	Gambia, The	77.7	120.7	115.0	*	118.2	5'66	87.5	*	149.8	122.1	126.4	*
Harrow H	(เกิรกร	⊆. 32	કે	0,50	100.2	70.1	7.97	73.6	84.8	120.9	115.9	104.8	160.5
15.9 10.5	Gumea-Bissau	•	•	*	•	*	*	*	*	*	*	*	*
150 0.75 150 151 152 151 152 151 152 151 152 151 152 151 152 151 152 151 152 151 151 152 151	News a	T 5.5	σ; + 3	95.6	6.5 5.0	6:0%	81.4	80.6	85.6	94.6	145.8	135.3	122.3
15.50 15.5	Lefotho	6011	• •	577	1.31.6	₹. %	-9I :	9790	134.5	102.8	*	98.2	116.7
100	Laborea	o •	æ •	951	111.2	1 . 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	8.6	140.7	134.8	97.4	71.5	83.5	6.99
1855 1856	National					• •			* 1	**	*	*	*
1975 1975		() () () () () () () () () ()	· 1	6.111.0	9701 9701	61.1	75.5	Z.	77.6	53.8	128.2	6.171	142.5
1,000, 1,000,	Man	4. *	(1/E)	7: * Z	4 ×	ς; + ⊕	5.45	8.07 *	40.2	57.2	64.1	84.2	84.5
1975 1975	Vanishing	* 70.	2100	1016	1024	1 011	r. 6	* 000	* 0	₩ 0	143.2	* ;	* !
Kirz 651 Control 1004 1004 661	Moreover	() () () () () () () () () ()	7, 0 1, 3	5.00	6.00 6.00 6.00	5 P	7 a	11.00.1	× -	8.69	4.75	65.5	67.5
656 953 9 950	Nest	i w	Y	·. *	· ·	£ 3	50 K	- * - *	- * - 73.1	4.55	64.4	<u>\$</u>	81.0
1855 198 1104 1105 1192 1193 1183 1183 1422 1196 1197 1197 1192 1193 1183 1	Ruanda	. 8	. 69	91	*	9	. s	×	•	910	6.4/ 0.90t	: x	* *
122 125	S. Charles	136.5	861	F011	5011	110.2	10.5 S 7.01	108.3	 !!	6.18 C.C.	5 4 00 L	÷ 00	• • •
Africa 122 126 127 126 127<	Sterra Leone	. go	*	0 70	9'4	101.5	*	102.0	0 80	105.1	67.75	0, E 0, E 0, E	127.0
12.2 12.5 11.5	South Africa	•	•	•	,	¥	×	J	*	*	¥	*	*
10.70 01.5 110.9 110.0 04.3 04.5 94.5 94.5 94.5 120.0 120.0 10	Sudan	12.2	126.2	112.5	*	72.3	53.2	55.7	*	161.4	164.7	132.5	*
10	Swaziland	0.701	6. le	109.0	100.2	£.140	90.5	47.7	92.8	600.3	78.6	123.0	90,5
March Marc	Талгаета	7 (0.0)	103.3	712.7	6 ¹ lo1	#	*	*	*	130.4	148.2	145.5	121.7
	O.S. 1	r) 8	x. 8	oc.	2.8	108.4	91.7	81.0	89.5	88.8	73.8	124.1	181.0
	Tensors	o . *	r. Fi	1'6'	76.5	71.9	75.1	92.4	† l6	50.5	6,47	72.1	61.5
12.00 12.0	T posterior		-		•	1 (í	x 4	x 8	¥	* !	*
desh (10) (15) (16) (15) (16) <th< td=""><td>Zante Zambio</td><td><u>c</u></td><td></td><td>1 *</td><td>, ,</td><td>5. 5. 5</td><td>x 4</td><td>- × × × × × × × × × × × -</td><td>% c</td><td>182.7</td><td>144.7</td><td>175.3</td><td>* :</td></th<>	Zante Zambio	<u>c</u>		1 *	, ,	5. 5 . 5	x 4	- × × × × × × × × × × × -	% c	182.7	144.7	175.3	* :
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deck *	,											;	ţ Ž
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TS.2 TS.5 68.6 65.9 46.8 45.0 40.2 38.0 116.8 119.5 119.0 50.7 SLOT Total 69.9	[adonesia 	7 18	5.15	611.6	6.4	X 77	73.0	63.4	67.7	- 50	0.54	±1.07 ₽₹₽	41.6
(3) (4) (4) (4) (7) 607 (3) (4)	Z. Z	?!	7.6	68.6	6.39	X 95	15.0	7UF	C 82	116.8	1195	0611	113.9
* * * * * * * * * * * * * * * * * * *	Vi day cia	E Y	76.11	6 ny	*	45.5c	6.18	1 %	÷	104.9	70.07	69.7	*
1.5 1.6 1.30 1.50 1.	Meannar		*	٠	+	¥	4	*	*	*	*	¥	£
15.1 116.6 150.6 50.0 49.4 48.6 46.0 174.5 175.5 210.8 14.2	الإنايا		•	*	*	*	*	*	*	*	*	¥	*
Guinea (42, 142, 144, 158, 113, 103, 143, 143, 143, 143, 143, 143, 143, 14	Pakintan	1- 1- 2-	116.6	977	130.6	0.05	£.0£	48.6	46.0	174.5	175.5	210.8	223.0
48,9 10.70 85,7 84,6 89,0 80,6 65,2 75,1 108,9 127,1 (02,6 17,1 (0	Papus New Guinea	-	147.6	9151	111.9	×	3,55.1	112.3	10,1,7	*	159.5	143.2	1.36.3
50 48.3 48.3 48.3 48.3 48.3 48.3 48.3 68.7 40.4 190.4 190.6 100.4 100.4 100.6 100.6 100.4 100.6	Fhilippines	ੜ੍ਹੇ ਕੰਪ	0,01	r (₹.†X. i	0.68	80.6 1	65.1	73.1	108.9	1.721	102.6	91.1
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33330	9 (7)	□. :	105.2	•	217.5	130,6	148.0	¥	131.2	96,4	0.40	* !
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	v V	ニス	0.06	93,0	8.86		0.58	87.2	84.8	60.4	63.2	54.6
Yugodwa	. '	. *	*	*	T	*	J.	į ×	. *	*	₩	к.
Middle Fast												
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	0,01	8,80	0 121	123.6	5.H.I	46.0	103.0	98.9	127.2	131.2	183.3	8.061
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Christ			,	>	X :	V. (2)	V. 1	T .	» I	*	# ·	÷ -
Version Analy Republic	r. (х . Э. Э	104.8	> -	O. +	r ! *	5 ;	s- +	F 96	98.9	5. 7.	e a
Control Arran Formation Almon Arab Republic	7 Z	c = ;	4 m 4	108.6	STE	9.191	168.0	189.0	0.09	1,01	Ξ	34.7
Western Hemisphere												
Associated and an appropriate to the second and a second	,, E	0.50	T (x)	7.	2	2	-7	,	ĕ	٠	ģ.	*
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in the second	, 2 .	2	,	140.5	÷	ı.	Æ	*	122.0	1.41.1	4	161.4
	0.68	- C.D	t, X	10X,1	5.50	7.70	6.96	106.0	6.0,3	0.17	75.7	÷
	Ling	7.0%	2.75	78.	107.6	101.4	80.6	73.0	No. I	<u>8</u>	71.9	96,6
(1.000)			7.5%	50.7	*	v	48.3	46.0	ц	÷	52.7	,10.ń
Coda Rica	414	6,14	6.3.1	6.59	8. <u>8</u>	r; 76	98.8	95.6	72.5	1.15.	0.64	46.9
D. maka	X 5%.	27.	*	,	*	ů.	×	w,	9.911	103.8	*	ж
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Complete to the Complete Compl	×××	S-12	\$100 \$100	,	Z.e.c.	100.2	111.5	et.	04.7	38.6	13.1	÷;
the state of the s	150	4.97	1.15.	130,7	5 XX.	<u> </u>	170,1	155.1	70.8	100, L	2.55 2.55 2.55 2.55 3.55 3.55 3.55 3.55	S
Non-mpi	, J	T.0%	- VX	% V.	<u> </u>	8,50	7.06 6	7.TX	S. F.S.	9.05	0.99	5X.7
41.27.25	() E	4.09	o Nh	102.1	0.00	X. X.	100.2	100.3	103.7		96.5	102.7
Almen.	v. ¥.	u Tu;	15 2 2	(10)	0. No	C 50	103.7	r (%	104.4	101.2	105,6	[].
163	7 45	Since	1.5	T.26	r i	12. 12.	73.1	7.17	117.8	131.1	116.4	9.77
1 57.75	! ! !!	ş.; -1 ι	٧. : ت :	1000		x, s x, 3 -	217	X, 7, 1	. (PD. /	7 0 0	- 50	13.5
Viddle Fact	£ 3	₹ 8 : •	E. 9	5. E.	- S	68.8 8.88	110.7 10.5 ms	1550 1670	5 E	6.25	646	0.00 1.00 1.00
Western Hemsephere	1	, .	c c		ś.				į			į

Table 14 (continued). Economic Categories of Expenditure: International Expenditure Comparison Indices from 1975-77 to 1984-86, Using Pooled Structural Expenditure Equations

1987-37 1988-36 1988			Interest Payments	Strancats.			Subsidies and Transfers	d Transfers			Subsidies Less Social Security	Social Security	
The color of the	ر ۱۳۵۰ میں	1978.77	1078-80	1981.33	1984.86	1475-77	1978-80	1981-83	1984-86	17	1978-80	1981-83	1984-86
1.0 1.10 1	Africa											:	
St. St.	Bearing	9	071	*	4	0.18	177	*	*	98.4	0.67	*	*
No. No.	Royewana	7	4	편. 	25.5	136.5	1,36,6	188.6	196.5	107.4	117.2	174.2	216.9
1. 1. 1. 1. 1. 1. 1. 1.	Burking Face	4.1 8.	68.6	Log.	18	(0.02	Z	63.8	50.2	*	* 1	*	*
No. 10.5 1	Burunds	×	,	•	•	*	*	*	*	*	#	*	*
1,	Camerican	3.87 3.87	16.3	6.45°	32.5	45.0	4,45,4	1.	77.4	26.0	43.2	58.3	63.2
The color of the	Central African Rep.	,		0,71	×	æ	,	79.3	+	*	*	02.9	#
Fig. 10 Fig.	(ردماؤد	,	,	*	¥	*	,	÷	*	*	*	*	*
Colored Colo	(Ste d'Ivoire	r	1,10,6	*	<u> </u>	*	1191,7	ĸ	*	*	65.5	F	*
The color of the	Service of the servic	,	•	*	•	+	Ą	*	*	*	*	**	+
The color of the	(Takhan	a		•	ч .	* :	* :	* ·	*	*	*	#	*
The color of the	Gambre, The	r (٠ <u>٠</u>	0.91	4 7	63.0	6 <u>ر</u> ه د د د	<u></u>	÷ :	53.8	38.9	72.0	*
No. 1	5 mmm 2 mm 2 mm 2 mm 2 mm 2 mm 2 mm 2 m		K, s	4 <u>0</u> 2	6. * 0	Ξ. + r.	0,7% (),7%	~ X	6.1 *	35.2	110.0	8.7 8	91.2
Section Colored Colo	(18hrg - Meda)			0 221				. • 91		* :		* 6	
Section Sect	Nema	7 -	د + <u>د</u>	K 62 - 6	Υ. Κ. Κ. Α.	E 64	,	4.CT	- 'd - '	7 1 1 7	o.*	8.97 8.97	C 93
Horse 1871 1867 1772 1819 1879		2.35	r r	3.67.8	130.7	5.00	ا د ع	5.7.2	0.00	6.14	0.05	5.00	2.00
March Marc	Madagastar	•	. ·		*	*	î, *		A *	a: *	£.*	G *	**************************************
Fig. 16.9 14.2 14.7 77.2 84.9 667 23.9 1226 1216 96.9 96.		808	0.6%	145.1	168.7	71.5	3	59.3	78.6	*	*	*	777
10 10 10 10 10 10 10 10	Vis.	0.0	6,01	<u> </u>	14.7	17.75	o. 18	60.7	23.9	122.6	121.6	6.96	ļ *
110.8 1873 1936 1936 1938	Mauritagia	*	242	•	*	*	4.48	*	*	*	*	*	*
84.5 74.5 172.4 129.0 92.9 66.2 86.4 73.5 66.3 66.3 84.8 71.1 84.5 71.4 129.0 92.9 66.2 66.4 76.4 <td< td=""><td>Magnitive</td><td>110.8</td><td>187,4</td><td>*</td><td>9507</td><td>88.2</td><td>97.8</td><td>87.1</td><td>84.3</td><td>115.8</td><td>127.8</td><td>109,0</td><td>92.8</td></td<>	Magnitive	110.8	187,4	*	9507	88.2	97.8	87.1	84.3	115.8	127.8	109,0	92.8
14.5 11.1	Moroco	81.3	1.80	133.4	0,951	92.9	66.2	80.4	73.5	69.5	46.2	63.3	58.0
11.2 11.1.1 11.2 12.1 12.5	Niger	જ એ		*	*	129,0	, 60	*	•	146.7	6:111	¥	*
control 4.7 or 11.7 or 88.2 or 15.7 or 88.0 or 88.2 or 15.3 or 88.0 or <th< td=""><td>Kwanda</td><td><u> </u></td><td>0.1.C</td><td>¥ !</td><td>۷ </td><td>30.9</td><td>30.0</td><td>₹ !</td><td>•</td><td>26.1</td><td>20.0</td><td>¥</td><td>*</td></th<>	Kwanda	<u> </u>	0.1.C	¥ !	۷	30.9	30.0	₹ !	•	26.1	20.0	¥	*
14.0 58.0 4.7 43.1 58.9 54.6 5	- Nonceal	C -T	111.7	6.1 Se :	F. 1	75.51 2.53	80.6	84.5	122.7	66.4	67.6	71.4	120.7
State See Se	Sterra Leane	r. •	× •	9°76	0.4.	⊏. • •	, ,	43.7	33.1	6.92	* (54.6	* :
Size 145 Size	Nouth Africa						* \$	(L	* ÷	* · ·		* '	*
State	Author	, ;	د بر د	E (: 6 !	4.6.7	X 7	C.C02	+ 3	1.777	*	* •	* •
1.5	Valable Valence	c -	7. र च ६	7.3	101V	. u	9	* -	* 100	* '	# (æ r L	* (
1,	13nZanla Tosas	c, r	† # 6 F	103.4	691	C. V.	/. of	- · · · · ·	2017.7	4.65	F 62	5.62	2.54.8
148.2 134.2 134.2 135.4 59.4 65.7 * 64.6 62.6 57.9 134.6 134.2 134.2 134.2 134.2 134.2 134.2 134.2 134.2 134.2 134.3 147.0 159.3 162.2 205.3 134.6 202.3	Linear	1 9 21 2 1 2		4.00 4.00	1.h.1.	C - 93	x 6/	- XX.	د.94 4 عور	6.29 1.50	- (e)	4.8.5	876
148.2 134.2 134.2 185.9 • 75.4 59.4 65.7 * 64.6 62.6 57.9 187.2	topological I canada	1		*	C *	- *	\$1777 *	**	o'#/	ń *	E. *	0.012 *	C.44.2
167.3 177.8 202.8 167.0 159.3 162.2 205.3 180.5 181.2 181.	Zaire	148.7	134.2	185.9	٠	75.4	59.4	7.59	¥	64.6	9 29	9 25	•
we 165.3 173.8 202.8 162.2 205.3 162.2 205.3 162.2 205.3 162.2 205.3 162.2 205.3 162.2 205.3 162.2 16	Zambia	a	•	•	*	*	*	*	*	*	*	*	*
tech *	Zimbahwe	162,3	8,771	302.X	7.500	167.0	159.3	162.2	205.3	180.5	193.6	181.2	194.4
tech *	Acia												
82,7 103,1 102,6 134,3 53,6 48,5 62,2 55,9 39,5 33,1 48,4 28,3 60,8 73,0 110,6 175,0 226,7 24,7 24,7 170,9 186,2 176,4	Bangladesh	•	k	*	×	*	*	*	*	*	*	*	•
A3 FORM F	1	اد. د تا	103.1	102.6	<u></u>	33.6	48.5	62.2	85.9	39.5	33.1	48.4	37.6
3.1.2. 17.3. NS.2. 18.3. 140.7 133.8 161.6 140.9 139.9 137.4 2.2.7.6 185.3 168.8 * 122.3 165.1 167.2 * 147.9 112.7 161.5 2.3.7.4 140.7 152.9 184.8 95.1 89.9 * * 179.4 2.3.9 18.7 187.1 249.7 152.9 184.8 95.1 89.9 * * 179.4 2.3.0 18.7 188.3 88.1 64.9 130.6 234.5 234.5 53.9 120.5 246.0 2.3.0 61.8 188.5 75.7 37.1 47.3 35.5 19.2 27.7 2.3.0 18.4 66.1 146.6 160.1 156.0 175.1 189.6 2.3.1 188.1 188.2 81.4 94.8 104.0 96.0 77.5 147.2 199.6	Indonesia	<u>"</u>	8. 6 8. 6	73.0	110.6	175.0	22h.7	244.7	247.4	170.9	165.2	176.4	171.1
3 152.5 188.3 168.8 * 122.3 105.1 107.2 * 187.7 101.5 15 15 15 15 15 15 15 15 16 17.4 101.5 16 18 18 18 18 18 18 18 18 18 16 18	Korea	¥.	77.3	(1) (1)	7.36	1.40,7	138.7	132.8	9.191	140.9	139.9	137.4	1.651
Act Act <td>Vislayera</td> <td>y: ::::</td> <td>r, +</td> <td>8.89</td> <td>* *</td> <td>122.3</td> <td>1<u>%</u></td> <td>107.2</td> <td># +</td> <td>147.9</td> <td>112.7</td> <td>5.101</td> <td>•</td>	Vislayera	y: ::::	r, +	8.89	* *	122.3	1 <u>%</u>	107.2	# +	147.9	112.7	5.101	•
Rew Guinea 94.9 118.7 187.1 249.7 152.9 184.8 95.1 89.9 * * 179.4 New Guinea 70.9 83.1 160.6 234.5 234.5 234.6 53.9 120.5 246.0 nee 40.9 52.2 61.8 108.5 75.7 37.1 47.3 35.5 55.4 19.2 27.7 rec 130.8 157.6 158.4 150.9 34.5 29.2 25.8 42.9 30.7 21.3 16.8 rec 1.0 4.3 34.4 66.1 146.6 160.1 156.0 175.1 *	National Property of the Party	,	*	*	*	¥	: *	*	• •	c +4	+ +	e *	* *
70.9 83.1 108.3 28.1 60.9 234.5 234.5 53.9 120.5 173.4 49.9 83.1 108.5 75.7 37.1 47.3 35.5 55.4 19.2 27.7 150.8 157.6 158.4 150.9 34.5 29.2 25.8 42.9 30.7 21.3 16.8 1.0 4.3 34.4 66.1 160.1 156.0 175.1 * <t< td=""><td>Dallerian</td><td>010</td><td>2</td><td>187.1</td><td>7.00</td><td>152.0</td><td>2 12.1</td><td>95.1</td><td>008</td><td>· *</td><td>· *</td><td>170.4</td><td>0 73</td></t<>	Dallerian	010	2	187.1	7.00	152.0	2 12.1	95.1	008	· *	· *	170.4	0 73
49.9 \$2.2 61.8 108.5 75.7 37.1 47.3 35.5 55.4 19.2 27.7 150.8 157.6 158.4 150.9 34.5 29.2 25.8 42.9 31.7 21.3 16.8 1.0 4.3 34.4 66.1 146.6 160.1 156.0 175.1 * * * 204.7 178.4 189.1 168.2 81.4 94.8 104.0 96.0 77.5 147.2 109.6 1	Paris New Ginness) (F	- - - - -	1683	3	ું જ	3 <u>1</u> 1	5 52.0	331.6	520	130.5	246.0	λ** ***
130.8 157.6 158.4 150.9 34.5 29.2 25.8 42.9 30.7 21.3 16.8 1.0 4.3 34.4 66.1 146.6 160.1 156.0 175.1 * * * * * * * * * * * * * * * * * *	Philippines	0.05	(C)	8.19	108.5	757	1 75	47.3	35.5	55.4	19.2	27.7	191
1.0 4.3 34.4 66.1 146.6 156.0 178.1 * * * * * * * * * * * * * * * * * * *	Singarvic	S (5)	1.57.6	158.4	150.9	3.4.5	26.5	25.8	42.9	30.7	21.3	16.8	32.4
24.7 138.4 189.1 168.2 81.4 94.8 104.0 96.0 77.5 147.2 109.6 1	Solomon Islands	0.1	4.3	7	₹.	146.6	160.1	156.0	175.1	*	*	*	*
	See Lanks	1,704,	7.80	189.1	168.2	**.[8	94.8	104.0	0.96	77.5	147.2	109.6	103.9

Thailand Mesern Samia	<u>á</u> .	6881	0.851	8(2)2	κ	1.17	\$5.4 \$.54	0 *	\$.77 *	74.4	%. %. *	29.5
Europe Cyprus Greece	* ";		* %! * %	र केट इ.स.	٠ ٠ ٠	83.2	* 105.4	86.3	* *	* 140.7	* 168.5	100.5
Hungary Maha Pottori	r to r Or	* 67; 3 67; 67;	0 0 °	37.5 21.5 5.7	ب در: * در:	* 4.2 °,	222.3 79.5	221.7 76.7	* *)	29.2	* 0.89 •	* 4.
Portugal Turkey Vincellar	101. 5.54.	135.6	1517	* TOST	5.111 5.451	111.2	111.2	. * * *	155.7	* 124.7	* * 6. 18:0	* * 186.8
Niddle East									•		+	
Вайкан	,		*	,	*	*	¥	34.4	*	÷	+	17.4
	Z	15,8 •		:TI:	-14,4 *	1,99,7	168.6 *	148,4	* *	* *	* #	*
et Paris	<u>.</u>	£.	N6.0	r'ot'l	8,77	67.2	57.4	58.2	95.2	54.1	17.6	45.6
Accept Country	.)		. ,	r •	5.50Z	ল * প. ४८	1.52.7 *	116.0	236.8	186.0 *	87.61 8.	1.52.1
Syman Arah Republic				,	74.4	8.101	7.18	*	*	*	*	*
United Arab Emirates Yemen Arab Republic	, -	- 90E	32.1	۰ ۳, ۲۱ ۲۱	<u>₹</u>	38°0 *	56.2 *	* *	<u>√</u> . *	26.3	53,9 *	* >
Western Hemisphere												
Argentina Rankod w	95.4	5.511 0.89	145.2	86.6	113.6	76.8 0.97	84,6	85.0	128.7	47.6	78.0	72.7
Beltze	8 4.	3.6.5	*	156.5	88.1	0.50	*	ें के इ.स.	*	72.0 82.4	: *	÷
Bedivia	3.71	전품	133.2	8.71	65.7	57.6	57.3	#	79.2	68.2	55.1	*
	년 * 등	ej s å.	8. 3 6. 5 7		Ω.ξ& Ω.ξ	88.2	94.2	91.1	100.3 *	124.5	188.5	* - c
Costa Rica	¥.05	Æ Æ	16.6	r: 00 6 +	16. 15.	68	116.1	7711	÷ • x	ŧ 4	() () ()	1.687
Dimpings		, 1	, ,	;	2.17	112.6	*	*	84.3	171.9	}	*
Disminisar Repeblic	5.T	18,9	63.4	85. 85.	y.65.	67.0	48.8	82.6	36.8	51.4	25.6	88.1
Foundary El Salvador	5 6l	s, e.	= 'C' E' 3%	, 5° %	, s	- 8 8 2 8 8 1 8	_ &.	7일 *	102.5	55 5. 4.	168.6 5.12	* 6501
Guatemala	63.7	0.85	y	*	17.1	હાજ	*	*	×	•	*	*
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Hondaras	,,	,	ĸ	¢	20	*	*	*	· *	· #	: *	*
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Medico	5 E	c - c - c	8745	* *	7 (S)	68.6	119.4	9.00 *	4,00 4,00	31.6	108.3	75.1
Panama	: <u>설</u>	114.4	6,261	8.161	1 4 1 72	69,6	77.1	6.3.1	16.3	53.5 68.6	128.8	81.7
Paraguay	ا ج	- S.	216	£3.	7X 7	6.0%	6.04	47.9	*	*	¥	*
Peru	£ .	7 V Y	* ,	* %	T 30.	۸: * م: *		9 ×	94.9	101.6 •	* 3	
# 70 A X	,	٠		•	ž	*	*	*	: *		÷ *	
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Translation Topical	다 ()	F. 6 F. 1	0.82	w 6	0.61	9121	8.45 8.45	* (16.5	94.7	151.9	*
Version V 2022/2021	् <u>४</u> इ.स.	. C.	Λ - ξ β	2 0 0 68 0 88	98,7	61.7 88.6	63.9 123.7	63.0 139.1	# 105.6	89.0 *	* 159.0	174.1
Asornges	1,14	(S)	100,6	109.3	675/8	94.7	103.7	100.0	86.4	88.3	105.3	106.3
4.00.3	F. 19	D 61.00	2 5	0.00	86.4	3. S.	5.15	101.3	93.8	85.3	0.96	121.3
20 S		Ξ	7.20	4 <u>9</u>	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11.5.5	일 번 로 글	128.2	115.7	97.6 98.2	7.801 118.5	7.88.7 110.5
Zeros 2007	- SF	67.0	- F	===	118.2	126.0	103.3	89.2	111.2	88.8	8.68	7.17
Wedera Heaviphere	ī	2	<u>r:</u>	et.	7. 7.	= %	√h\$	% 52 52 52 52 52 52 52 52 52 52 52 52 52	1.86	87.6	118.6	97801

Table 14 (concluded). Economic Categories of Expenditure: International Expenditure Comparison Indices from 1975-77 to 1984-86, Using Pooled Structural Expenditure Equations

1975-7 1978-81 1981-83 1981-84 1975-77 1978-81 1981-84 1975-77 1978-81 1981-84 1975-77 1978-81 1981-84 1975-77 1978-81 1981-84 1978-77 1978-81 1978-	Acquisition		Acquisition of Capital Assets	Capital Assets			Caoital Transfers	ransfers	
From 1900	Coupling	1.375,77	1978-80	F8-1801	1084-86	1975-77	1978-80	1981-83	1984-86
Fig. 1909 19	Vínica								
1900 1914 1915	Bersin	N 44 N	1 050	,	*	•	ì	¥	*
Proc. Proc	Bertswang	5.67	₹ <u>80</u>	l(tra)	5.46	ne.1	153.7	98.5	33.6
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The color of the		X. •	×.	4 F	filk:	, ou	x. •	142.3	72.5
11.94 11.1	Comment of the Comment of Comment	,	,	1 × 2		ı *	. 4	. ж	¥ 34
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The control of the	Cighan	•	,	*	¥	à	*	*	*
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No. 10. 10.	(Para)	<u></u>	<u>8</u> 1.1	13.7	0.45	F 0.79	36.7	27.1	21.0
1967 1968 1969	Grange Book on		,	,	4.	*	*	*	*
1975 1975	Z (2.2)	£.	1. 8 J	28.	68.6	58.2	÷	136.7	64.2
1974 1974 1974 1975	100	· ·		103.6	<u> </u>	0.55	ā	25.4	T'L
Section Sect	ā.	-1 ·	71 ·	15 (F)	<u>.</u>	O	34.7	18.8	10.5
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12.8 143.6		<i>c</i> .		-		9.9	0.0 c 8	0.0	ne <u>c</u>
1384 1436		3.5	9	>	9 11 3	Q. ₹	्य ह †	7.47	
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17 1961	*. c. ti	,	,	*	*	**		*	×
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1	Velence		12	F	, ,	261.2	164.6	¥	*
See Figure See	VC		•	,	,	¥	4	*	7:
Section 1904 1905 1907	107			,	,	à	*	ä	×
Solution Solution	الماجانات	4.	9.1.5	11114	8'06	6.6	6.1	3.6	2.5
*	Papua New Chunca	* 	X. S.	편 r [ir.	r Ç	£,45.	0.1%	39,4	33.7
[22 6/9] U(i) C(i) 7(i) 7(i) 7(i) 7(i) 7(i) 7(i) 7(i) 7	المارانية	1.55	2. ; 77. ;	5 F	هر ه کار	* :	,	*	×
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	できる日から「Violation」である。 Marin Table	5, 1 50 7	\$ 600 5 000 5 000	त्र ।	- SE	* "		* *	4 € 6

Simple of J. Western Nativa	[. []	8,02,E	127.9		• •	5 +	÷ ÷	£÷
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Larope								
(100)	,	,	¥	6.101	*	+.	*	8. 8.
Greece	7.	7.	8.57	•	94.0	76.7	57.4	*
Legeo.		•	36.0	0 (1)	3	*	72.6	35.6
Maka	A Line	0.30	0.011	70.6	a	*	×	*
	,	* (> i	ъ,	> !	÷ !	f :	•
	7	G (1)	9. (+ !	5. S. F.	7.05.1 	141,6	* !
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Middle Fact								
Rabram	,	*	>	or X	*	Þ	*	207.6
1 d (5)	7.1	1,4,7	65. C	(188) (188)	515.9	202.4	wi.	¥
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		<u>د</u> : و	5 3 3 2 3	7.1	[28] [28]	oc «	F 1	76.1
N.W.F.	<i>x</i>	D'45'-	= * †	<u>5</u>		6· •	· •	i: -10
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Turbol Arab Emurica	404	10 0	9 17	×	,	*	*	. 4
poster.	•			٠		,	У	*
Western Hemisphere								
Argentina	, bx	101	2. 50	3	च ¥5	609	659	<u></u>
Barbada	44.	7 (·X	¥	, a	0 %9	8. 8.	. 4	; ÷
Relize		7,001	,	0.57	•	ż	7	÷
Bolivia	r :: V	<u>.</u>	V. E.	,	0 . X	51.9	0.3	8.0
C'haike	133.7	123.4	1.32.1	179.6	72.6	10,0	10.3	5.4°
Colombia.	•	•	101.3	8. 8. 8.	*	*	59.9	1,99
Costa Rica	7.50x	83.7	ere Pro-	x,09	76.3	883	£. %.	9.90
Dominica	† ye	136.0	1	*	*	*	•	*
Dominican Republic	0 · 6	0.501	o. 7	70.2	425	6501	- E	74.9
		: F		r G	· -	C.CO.	1.65	
Guaranala	- 0 1 0 5 1-	e F	- * Ē	***		× × × × × × × × × × × × × × × × × × ×	× *	<u>,</u>
Covana	8.181	136.6	•	٠	: "	23.2	6231	125.3
Hait	. *	,		*.	•	*	*	*
Honduras	C 871	•	•	47	265.3	×	*	*
Jamaica	× × ×	a :	à ,	ď	0.511	*	•	4
Mexico	7. T	285	6,6	19. °	74.9	87.3	114.1	133.2
Nicaragua Prosess	्र (5 9	, ()	\$ 7.5	(1,5) (1,5)	6.00 8.171	5 (30)	926
Parisma	- F - C - C	1816	1 TK S	9.64	16.8	98.6	23.7	7.6
Peru	8,8	101,6	a	, ,	101.1	4.5	, ,	
St. Lucia	,			,		*	*	4
St. Vincent	•				*	*	*	*
Suriname	125.8	k		34.2	0.81	٠	*	0.0
Trinidad and Tobago	•	*	٠	•	*	*	*	**
l rugua.	1,191	169.7	4	2082	97)	9.6	5.6	44.8
Venezuela	<u>".</u>	c X	e C	r.	C. 123	5:161	226.6	117.7
Averages	11.5	111.3	5.86	91.5	-86	5.86	72.7	66.2
Africa	97.11	9.55	107.5	د د	1.55.	0.10	72.5	44.2
Acia	C (S)	7 SC :	er e	α, 9	G. F.	8.50 6.	0.87	103.4
_ urope			2.5	C (1.911	7.80	90.6	7.80
Applying that		4 (G)	# K S		\$ 17.77 \$ 17.77 \$ 17.77	1.61.	₹ \ 2 €	X 174
western fremisphere	#1e115	t		ž.	* L L L	71,11	(15.13)	O. I.C.

[&]quot;Data nor available Formerly Burma

Table 15. Aggregate Expenditure Categories: International Expenditure Comparison Indices from 1975–77 to 1984-86, Using Pooled Structural Expenditure Equations

	ENP	Expenditure + Lending -	Ing - Repayments	onts		Total Expenditure	enditure			Formalitation Information	- Inforcer	
School Control	10.75.77	1978.80		108.1.36	1975 77	08 9501	2001	20 1001	10000	on order	= Illucacsi	
					11-11-11	180-011	66-166-	1984-80	17-5761	08 8/61	1981-83	198486
Virica												
Renia	0.58	<u>"</u> ,	¥	٠	106.3	101	•	*	0.5%	80.3	**	٠
Botton gray	こでか	0.101	33.5	<u> </u>	107.1	112.2	E	103.1	- C	5 70	1314	1114
Burking Law	9	34.0	505	Tet	*	¥	. *	*	7.67	 	77.Y	F 287
Rusmati	er, er	1.59	50 D	1	55.3	*	*	÷	*	! # !	1.19	ř
Campanaya	(4))	₹ 17.	13.	<u>3</u>	1,58	7.53	107.4	0.4%	62.6	\$ 05	1.45	6.79
Central African Rep	•	*	<u>5</u>	•	¥	•	97.9	*	***		(10	7:00
entition)	•	167.1	1.40	*	7	٠	t 16	*	¥	*	! ÷	**
Cistor of house	,	ν. Χ.		1,10	*	156.7	ý	100,8	÷	105 3	ĸ	E 23
i de la companya da l	Y)	v. 3	7.80.	a	7 50	114.7	× C	· *-	7 X 4	103.7	2 2 1 1	7
Casson	1,51,4	7. F.C.	1,30,6	133.7	*	. *	*	*	r a	**	0.011 A FC1	נפנו
Cambo The	70.	1, 1,0	1,01	,	6 6 %	76.7	5 S	*	9 8 9	5 500	1.721	£.621
Сърпа		•	. *	*	CSET	83.7	643	725	***	* * * * * * * * * * * * * * * * * * *	 	
Citiber Bass 40				x	*	*		*	÷	. 4	* **	• •
Nenva	0.88	9.71	121.9	1.0	2001	9701	1350	ר זירו	5	÷ F	9 2	• •
Leader	61141		5 X 5	1081	200	1	8 11	2777) -	/*IOI	108.0	0.201
1.1823	Y .	1100	103.7	8.5	000	26.7	1001	2.70	- 14 - 2 - 2		5.05.1	2.6 <u>0</u>
Madagascar	. *				! *	Ě	- * 	¢.*	r, *	£	4.501	77.2
1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	2.19	135.3	9,63	0	٥	×	9	- 00		• •		* :
	: ₋ g2	: S		0 77	*	*) W	4.48 6.48 6.48	æ : :	102.6	C
Mandan	00%		9		*	ż	*		F.€/	6, 6 5, 7	1.20.9	40.6
Manarias	17.7	C 2	30	6.5.5	880	3 011	<u>.</u>	110.4	5	V.4.0	ř	* (
Manker	,	. *	. *	, *	× 17	6 111	2	7.7.1	7. * C	5.4 7	c. +	77.0
Nggr	(i)	45.1	7	å	3 17	76.6	*	*	603	828	. *	. 4
Russiln	403	506	*	,	65.6	71.1	*	¥	7.67	17	- 45	*
Fe negati	y 16	1.08 1.08	8.501	109.5	*	*	*	ý	101.8	7 (5	3,41	1166
Sorra Leone	<u> </u>	0.515	r f	r.	103.9	115.6	62.7	91.3	104.3	ť	792	643
Swith Vinco		à	•	*	*	*	¥	*	*	*	*	+
Kucha	4,3	F.S.A.	₹	*	*	÷	*	*	67.3	69.6	1 23	*
Saazilond	€i OE	88.8	0 <u>-</u> د	1.88	ð	*	*	×	<u>3</u>	74.1	45	86.4
Tabzama	,	•	•	¥	9'08	61.7	103.0	11)6.5	*	*	*	*
1,200	5	169.1	717	159.6	×	*	¥	*	175.7	141,6	0.911	147.5
	r i :	1001	0.0	767	-T. (X)	102.8	98.5	7.79	104.2	116.7	129.1	140.5
יייייי איייייייייייייייייייייייייייייי				с -	* :	÷	×	9	×	¥	*	*
Carre 2 maria	16.60	9091	X,477	• 11 •		* *	x (* (182.3	120.1	128.5	*
Zundahue	Curi	4 E	101.6	7.05.1 1.30.51	7.641 C 101	4 SC11	2.101 2.101	149.7	(54.9	131.3	145.2	127.3
.1.			:	:	!				11/2	6781	orm.	1.60
Name of the State	0 19	9.35	37	014	9	7.13	9		4	:		
1000	i g	1,0,1	- 4 5 5	3 c	K - C	C 7	1 0 0 0 0 0 0	11.5.11 10.4.0	e t	96 H	*	*
6 7 10 E	· ·	. •	g. ≠	9 F	1.16	5. S	89.11	2, c 4, c x, c	79.2	89.2	92.0	84.9
, de 15	· · · ·	58.6	0.15	0 49	7 EU1	110.0	1000	6.06		ę •	* ·	*
Violated	. & . & . &	, oc . 52	7. F. F.	107.1	t (0%)	0.001 0.001	6.1151	ς:- -	() () () () () () () () () ()	4.00	63.4	8.59
16.49					1 2	73.4	100		7.*	/4./	1.5.11	87.7
Veral	•	•	•	*	· *	*	j	- *	**	: +C	6 4 8	* *
Pakistan	•	•	٠	*	913	ος 	85.6	80.2	*	*	÷ *	
Papua New Gurnea	1138	1118.3	123.4	116.0	7	138.1	138.4	*	1166	0.71	1,171	271
Philippines	t : 3 ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	9.55	ĩ	0.65	67.5	3,5	56.3	8.05	× 09	C 42	0.65	14.0
Singaporte	r (0).	Clos.	4	. I.S.	1.4.1	120.0	127,4	124.1	4%	. y	63.5	78.7
Solomon Islands	•	a	ĸ	*	*	*	*	*	*	*	*	*
Sm Lanka	75	130.7	108.0	114.1	5.50	126.6	78.5	83.7	85.6	136.2	102.6	106.4

Thailand Western Samoa	· •	#*, ** %.	M; +	r: *	87.0	\$ * *	105.7	115.6	4.7.A *	75.3	74.0	74.1
Europe	•	•		73.5	,	¥	*	1001.5	*	÷	*	66.7
Creece	Ç ¥	1 18	116.3	129.8	6'06	9.89	1.09.1	*	81.7	81.6	109.4	116.8
Hungary	•	• !	777	151.1	•	4 1	# :	4 (* !	3 1	137.0	144.4
Malta Polyand	C, *	7, *	<u>.</u>	2 Z	4.50	\$'\$6'	x; *	6.1%	* *	102.5	4 (O) 4 *	10.0
Portugal	105.2	8.101	146.3	•	ż	¥	*	*	96.1	88.6	110.6	*
Turker	X.	76.1	\$0.4	1.06	73.7	7.07	104.8	123.9	79.9	84.0	87.4	93.9
Yugistavia	4. 4.	3,5 1,7 1,7	9.55	19,6	*	*	*	*	*	*	*	*
Middle East												
Bahram		,	,	•	٠	*	٠	92.8	y.	长	*	*
Feype	F 01.7	5.07	577.7	194.7		* •	* :	y +	229.0	185.8	220.4	181.0
[2017]	20	2 :	~	970	× 1	* *	× r	* r	4.77	1.7.7	46.4	1,54,0
Jerran	(: 1	<u>.</u>	د ، <u>ا</u>	* * ::) -	\	626	2.56 r 70	106.2	¢:-	κ. ÷	<u>د.</u> *	/ . *
Character Company	157	0.811	1140	200	·	*	*	1 * 	£ 291	1263	122.2	1316
Stran Arab Republic	1 1	04:1	5 77	T 2:	,	y	*	*	*	*	ļ ÷	*
United Arab Emirates		*	*	4	*	×	*	*	*	*	*	*
Yemen Arah Republic	i nr	104.5	167.6	135.0	9	•	*	*	48.7	د "(۵6	161.5	134,8
Western Hemisphere												
Argenina	ਲ . ਨਾ ਾ	X 1.9	4.Cy	74.1	*	,	*	æ	69.1	58.1	72.1	58.5
Barhados	£,7%	크. 알		9,7	100.3	102.6	108.0	106.6	86.2	74.6	*	80.1
Behze	*	• (* ! !	* .	+1 C	77.5	0.46	98.8 1	ж (*	* !	* :
Befrie	0; ; 51	7. iv.	1.5	<u>.</u>	75.0	α (Θ	911.6	211.7	52.2	57.7	47.7	141.3
Carle	9.	O'HOL	_ '	= *	7701	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Q.4.9	ָּרְ רְּרָ	6'II'7	9: 7	× × 	6:07
EldEow ()	9	, - ,	. 19	356	. 4	*	0.4	7.°'	. o	9	713	80.0
Costa Rico	ζ G	.	į.	Ç *	,	*	4	. *	ç *	Ę *	<u>∵</u> *	*
Dominica Republic	5.59	T III	¥.	3	8.69	74.0	73.2	61.7	75.5	77.2	8.58 8.	65.5
Ecuador	अ. १.	+ (O+	. гч гі у.	503	78.9	84.3	8.101	6.86	*	42.3	56.6	*
El Salvador	у <u></u> Бу.	61.3	7.5.7	70,6	82.4	6,06	8,00	9.901	66.7	71.5	80.0	74.5
Chatemala	0,4£	950	7.05	•	4 ·	* *	* *	* *	46.4	55.3	65.6	* •
Guyana	T 5T	146.1	201.9 9.102	,	<u>;</u>	전 * 건 건	€ *	r. 46	<u> </u>	4.44	* 070	e #
Hall:	0 W	6 ×	r. •	*	93.6	0.08	*	*	76.7	*	- * -	*
Jamaica	107.6	1334	133.1	æ	*	*	*	*	07.0	*	¥	*
Mexico		•	,		6.2.3	8.77	92.R	0'601	*	¥	*	*
Nicaragua	0.53	5.00°	133.1	2.58.5	82.5	9,06	* :	* !	86.1	107,4	252.7	# !
Рапаша	105.1	<u>.</u>	131	108.1	o (6)	107.8	8:95	147.2	113.2	110.4 4.0.4	106.1	103.2
Paraguay	7. 7	107 0.03	/ 	□, * >;	P. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	1.50 C.101	ा ∗ टे	* *	2.65 2.60 4.00	44.7 66.7	40.0 24.0	1.Ye C CC
15 T	4 h	10.00	† »	*	*	2 *	*	*	*	**	*	**
Ni Bed	,	*	*	,	•	*	*	*	*	*	*	•
Support	¥	*	*	*	4.55	*	*	129.0	*	*	*	*
Triangles and Tobaco	604	~ · · · · · · · · · · · · · · · · · · ·	8	*	67.6	77.6	X8.1	*	68.9	82.9	83.7	*
Ventile)	ŗ.	7	e Y	0.50	*	*	*	¥	77.2	£	8.77	63.4
Venezuela	10.5	. 48.	1,0,1	81.8	80,7	99.1	7.701	112.2	101.1	7.79	118.9	87.9
	8 15	9 6	รักป	5,501	94.8	5,76	1000,0	102.7	93.5	92.8	103.3	100.7
	4,50	8	1.8 1.8	110.1	8,06	103.3	106.9	9,14,9	93.0	95.1	104.6	106.3
4-13	075	7.X.	Ş	5.8.3	0.4.I	9,96	94.0	9'00	75.3	82.1	84.1	81.7
Firm	T De	e a	9000	97.6	G. ₹.	92.0	9.101	102.1	8.56	89.4	Ξ.	109.3
Widdle Fast	c, c	7/7/	158.0	6 F	8,76 0 00	63.7	97.7	8.501	161.H	147.5	164.1	145.0
Western Hemisphere	ż	5 .		ξ.: J.	2.7.0	72.11	743.7	ڊ بر ا11	n co	557	٠٢٥	٥٠

Mara not available Formerly Borma

Table 16. Functional Expenditure Categories: International Expenditure Comparison Indices, 1986, Using Structural Expenditure Equations for 1975-77, 1978-80, 1981-83, and 1984-86

### Africa 1975-77 1978	1978-80 104.9 38.4 38.4 127.7 47.4 47.4 71.7 71.7 71.7 71.7 315.9	109.1-83 109.6 3.7.5 137.8 137.8 8 (0.0)	1984-86	1975-77	1978-80	1981-83	1984-86	1975-77	1978–80 193	1981-83	1984-86
# 100.9 Face 38.1 an 128.3 African Rep.	104.9 38.4 38.4 47.4 47.4 76.3 76.3 11.7 *	109.6 37.5 8.7.8 8.0.0 8.0.0									3
a 100.9 Faso 38.1 an 128.3 African Rep. 46.5 voire 46.5 Wasau 79.9 203.1 111.8 car 91.8 via 112.7 s 89.3 cone 73.9	104.9 38.4 47.4 47.4 71.7 76.3 115.9 115.9	109.6 37.5 137.8 * * * * * * * * * * * * * * * * * * *	4								
a 100.9 Faso 38.1 and 128.3 African Rep. 46.5 Voire 46.5 African Rep. 79.9 203.1 111.8 car 91.8 via 112.7 s 89.3 cone 73.9	104.9 38.4 127.4 47.4 71.7 76.3 113.6 113.6	109.6 37.5 137.8 * \$0.0	y	*	*	*	¥	40	à	,	
Faco 38.1 * * * * * * * * * * * * * * * * * *	38.4 427.7 47.4 71.7 76.3 115.9	\$75 137.8 \$0.0 \$0.0	105.7	97.3	83.4	57.5	. 407	· [* `	**	*
African Rep. 128.3 African Rep. 46.5 voice 46.5 Bissau 79.9 203.1 111.8 car 91.8 fina 112.7 s 89.3 cone 73.9	47.77 47.4 47.4 76.3 76.3 76.3 76.3 76.3 76.3	. * 8. * *	× × ×	143.2	106	10/01	200.5	1.22.7	1.85.h	112.9	107.1
African Rep. 128.3 African Rep. 46.5 voite 46.5 Sissau 79.9 203.1 111.8 car 91.8 iia 112.7 s 89.3 cone 73.9	427.7 47.4 71.7 76.3 76.3 78.3 78.3 78.3	137.8 * \$0.0	. ×	1 *	*) * *	4.601	7.07	67.9	57.4	64.6
African Rep. * voire	4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 ×	* * * * * * * * * *	137.0	53.2	44.9	47.3	97.0	. 04	+ (1)	* 1,	, ,
woire 46.5 The * Bissau 79.9 203.1 111.8 car 91.8 75.6 iia 112.7 s 80.3 frica 73.9	47.4 71.7 76.3 76.3 76.3 76.3 76.3	* (0.0) *	*	! *	*	***	*	2 *	O. *	44.5	47.9
A6.5 The ** Bissau 79.9 203.1 111.8 car 91.8 75.6 iia 112.7 s 80.3 tene 73.9	47.4 71.7 76.3 76.3 13.6 8	.50 <u>.0</u> *	*	*	**	*	*	*	· *	÷ %	٠ .
# * * * * * * * * * * * * * * * * * * *	* * * 17 5.55 6.55 1.35 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4	*	50.0	35.9	0.75	70.3	325	1336	1136		* 1
# # # # # # # # # # # # # # # # # # #	* * 1.7 * * 5.7 \$ 5.9 * * 8 * 8 * 8		*	*	*	*	*	0.771 *	C.*	7. I 01.	5101
Bissau 79.9 Bissau 79.9 203.1 111.8 car 91.8 75.6 via 112.7 cone 73.9 frica 73.9	* 71.7 * 76.3 215.9 113.6	*	*	*	**	÷	*	* *	÷ +	÷ *	K +
86.7 Bissau 79.9 203.1 111.8 car 91.8 75.6 via 112.7 s 89.3 cone 73.9	71.7 * 76.3 76.3 115.9 113.6	¥	*	÷	*	*	*	*	· +:	· *	+ +
Fire and the content of the content	* 76.3 215.9 113.6 *	78.6	1.32.4	28.4	33.7	36.7	26.0	*	*	*	* *
203.1 111.8 111.8 111.8 75.6 via 112.7 5 144.9 cone 73.9	76.3 215.9 113.6 *	*	¥	÷	*	*	*	*	*	#	*
203.1 111.8 111.8 75.6 112.7 5 80.3 144.9 cone 73.9	113.6 * * * *	83.3	101.3	6.08	72.0	77.2	73.1	202.1	8 121	143.0	9191
car 91.8 * 75.6 iia 112.7 * 89.3 cone 73.9	* * * * * * * * * * * * * * * * * * *	210.7	201.6	172.4	116.3	112.3	141.2	169.7	205.3	134.6	135.6
91.8 75.6 112.7 5 89.3 60.3 144.9 6000 73.9	τ.	٠ <u>. ا</u>	118.6	888	59.0	55.1	63.2	82.0	80.4	66.5	× × ×
via 75.6 × 8.0.7 × 8.0.3 × 8.0.3 × 8.0.3 × 8.0.3 × 6.0.0 × 6.0	5 (0)	, 50	x 101	* \	* (₩ . 1	*	÷	*	*	*
s 112.7 89.3 89.3 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8	76.1	2.5¢	C 101	C.1.	23.2	53.1	54.9	130.6	133.7	104.2	118.4
5 (12.7) (90.3) (90.3) (90.3) (90.3) (90.3) (90.0) (90.	* *	*	Ç. *	`. * -	5.8 □	97.1	%6.2 *	9.60 1	106.9	104.2	102.5
89.3 * * * * * * * * * * * * * * * * * * *	114.8	9.66	8,5,6	10.9	15.2	911	13.0		1 * 1	(1 * (* (
	8.00	1.90	6,96	160,6	166.4	9 041	145.8	S. *	1.5.1	O.//	6//
14.9 1 73.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7	*	*	¥	*	*	*	*	*	*	· *	÷ +
144.9 73.9 frica	*	*	¥	*	*	*	÷	*	ą.	×	* **
	129.7	0.15.	185.4	103.7	152.1	168.1	105.8	114.3	1.66	106.3	- X - X - X - X
	! * £	- * E	X.→	32.6	14.7	43.7	32.3	2.66	8.96	87.8	0.5.0
Sudan	*	ķ	*	÷ 40	k -%	# · :	es e	*	*	**	60
1 120.8	125.1	132.K	6261	۲ ۲۳	70.6	. W.	* C	* °	⊕ (*	*
	7,101	196.3	243.6	127.8	102.5	116.3	505 504 1162	1.58.8 3.0 -	56.5	92.3	8.101
75.4	74.8	76.7	8.5.8	91.7	00	84.0	. X	716.5	בין ב הינור	9 5 7 5	58.7
66.7	£5	67.3	68.3	92.7	100.0	89.2	0 0 0	136.2	136.6	¢ 4	198.4
* * Concert	*	×	ò	*	×	÷6	*	71.3	64.5	0,421	5.121
Callie 7	» 4	-X -	*	141.9	141.8	138.2	133.2	*) # :	, , , *	0.50
23	i, 17 12 51	A C	3 : : 1	ð. í	÷	÷	*	106.3	8.19	83.6	916
700	(B)	X.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	142.8	126.7	135.6	154.2	145.1	120.6	117.8
Jacksh 02.5	1 10	60.1	3,0	; ;	į	i					
· · · · ·	• •	133.1	\$ 0 7 T T	x 75	150 150	51.9	53.8	64.5	70.6	58.0	69,4
STS.	1.161	1816	C 17.	97.4 0.401	4 6	₹. 9	4. E	149.6	149.8	134.2	135.1
C 2.0	7 2 8	66.6	17.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.	900	0716	1.67	9.9	œ.	÷	7-	-26
*	ţ *	1 »	, ,	۷ * در	6.4. 6.4.	/·/ <u>/</u> /	6'061	88.6	87.4	82.5	95.6
A. A.	5.1	0.19	\$ T\$	15.0	1 701	. (-	» «	ş	#	*	*
14,0	197	- -	; 00 F 17 F 17	50.3	4 C C	340	25.G	ee -	*	長	*
7 7	10.0		0.55	0.59) v) « Ž	4 E	% - 4	<u></u>	*	*
	10.1	1146	107.8	. r . %	7 34	13 13	7.707		ac.	#	÷t.

66.9 62.1 62.3 138.2 137.5 143.7 159.7 141.8 133.6 71.4 85.2 90.0 127.8 119.3 140.2	82.9 76.1 88.2 ** 27.0 28.9 37.2 78.0 77.9 87.5 ** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	68.7 73.2 81.1 170.9 165.6 180.4 127.7 114.3 102.8 131.0 108.6 105.3 123.6 116.5 120.0 8. 120.0 9. 6 101.0 8. 87.8 99.2 81.5 66.3 168.9 148.7 143.4 158.5 145.9 140.7 37.4 32.1 30.2 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8
10.9 66.8 6 148.0 135.4 13 0.0 165.6 15 244.9 80.2 7 173.5 141.4 12	62.2 82.4 8 231.8 27.7 2 47.8 79.4 7 104.7 71.3 6	77.5 * 200.0 133.8 12 254.5 109.6 102.8 * 87.1 \$ 87.1 \$ 87.1 \$ 8 4.4 \$	74.7 1.17.1 1.22.7 1.12.3.3 1.14.3.3 1.10.3.4 1.10.3.4 1.20.3.4 1.30.3 1
40.8 36.5 172.7 163.4 0.0 0.0 * * 147.4 137.9	53.4 52.9 8 156.9 161.1 42.3 42.6 8 42.6 8 8 109.4 96.0	297.4 263.1 *** 291.5 256.7 149.0 130.5 *** 142.5 134.3 278.7 278.7	46.4 45.1 53.6 44.5 50.3 44.5 50.3 45.4 111.0 100.1 33.8 30.4 20.7 19.2 31.7 29.8 45.6 122.2 45.6 122.2 45.6 122.2 50.0 0.0 50.0 0.0
46.5 42.6 98.2 133.9 10.6 55.4 168.3 186.2	48,4 \$1,3 * 175,6 122.0 175,6 85,3 32,0 * * * * * * * * * * * * * * * * * * *	177.8 92.7 58.7 280.8 18.0 ** 111.1 269.6 129.3 148.7 28.0 ** 28.0 ** 173.3 ** 170.8	45.0 100.3 100.3 100.3 100.4 133.5 133.5 133.5 133.5 133.5 133.5 133.5 133.5 133.5 133.5 133.5 140.9 15.2 15.2 15.3 16.0 17.0 18.2 18.2 18.3 19.6 19
47.7 0.00 8.10.8 6.44 5.71	<u> </u>	28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00
2.84 1.851 1.861 4.74 5.65 5.65 5.68 5.69 5.69 5.69	74.7 * * * * * * * * * * * * * * * * * * *	+ 1295 + 12 16.5 16.5 16.5 16.5 16.5 16.5 18.5	48.4
Philippines Singapore Solomon Islands Sri Lanka Thailand Western Samoa	Europe ('yprus Greece Hungary Maha Poland Portugal Turkey	Middle East Behrain Egypt Krael Ferdan Kawait Oman Syrian Arab Republic United Arab Emrates Females	Argentina Argentina Barbados Beltic Bolivia Chile Colombia Costa Riea Dominican Republic Ecuador H. Salvador Gustaemala Gustana Haiti Honduras Jamatea Arevico Nicaragua Paragua Paragua Paragua Sa. Lucia St. Uucia St. Uucia St. Uucia St. Uucia

Table 16 (continued). Functional Expenditure Categories: International Expenditure Comparison Indices, 1986. Using Structural Expenditure Equations for 1975-77, 1978-80, 1981-83, and 1984-86

Victor Principal P											L	,	
March Marc	CARRIER	10-8-01	1978.80		1984-891	1	1079 90	1001 03	1		Economi	c Services	
Figure 11						11-12-12-1	110-017.1	1781-183	984-85	1975-77	1978-80	1981–83	1984-86
Free	Vinca												
March No. 1	Definiti	*	÷	٠	**	*	&	*	*	*	#	ż	4
History S. S. Trib	Hotswana	 \$\overline{\pi}\$	13.	Ī	67.3	63.2	2,95	2. A.S.	63.0	L 0.	- 6	÷ 0	¥ 1
Foreign Rep. 1869 528 582 582 582 583 583 583 684 1440 685 584 585 585 585 585 585 685 585 585 585 585	Burkina Faso	(% (%)	47.6	N. 12	72.3	28.	159.2	7157	C 866	č*	0°/≈	x; x	80.5 *
National Rep. National Rep	Burundi	*	*	*	*	, 4:	• *	*	* O77	* *	ę ņ	¥- 4	× +
Therefore The Property Therefore The Property Therefore Therefore The Property Therefore The Property Therefore Therefore The Property Therefore T	(american	4 <u>85</u>	688	36. 36.	Cixy.	60.5	52.1	515	0 2.5	1 70	2	e 1	K .
Property	Central African Rep.	*	*	>	→	· •	- * ;	*) * 	- * - *	0.4.0	\$. \$6.	104.4
History 17.1 77.2 76.1 74.8 40.5 51.9 46.5 40.7 40.3 77.0 46.0	(Ongo	,	ý	*	¥	¥	90	*	*2		: 4	¥ ÷	* .
Property	Cite d'Invire	3	*	*	÷.	*	*	4	*			* :	**
Biscan Biscan	Ethiopia	•	*	ð	ż	À	*		: 36	4.6¢.	1.66.1	160.8	168.3
Biscan Tit	Galbon	*	,	×.	*	×	×		+ ;	* •	*	*	*
Bissan T. T. T. T. T. T. T. T	Сіатыя, Тье	*	*	*	×	ž	*	. 4	÷ 4	**	*	**	*
Biscati 1.55	Ghana	1.55	77.2	76.1	X 77	5 05	0.13	9 07	÷ 1	÷ (vi	**	**
1435 1755 1752 1836 845 599 940 677 821 847 858 848	Annea-Rissau	٠	į *	- **	*	-, * -	λ.* Σ	4 *	49.7	43.3	37.0	46.0	44.4
12.52 21.54 16.55 14.40 39.3 25.9 32.1 31.6 16.52 28.5 16.58 1	Kenya	143.5	178.5	175.2	135.6	V 300	9	0.0	٠ ٢		1 4	* :	*
No. 76.4 18.3 15.4 16.1 15.6 104.2 43.9 106.8 44.4 42.1 42.5 22.5 10.0 22.5 24.0 26.0 118.3 10.2 48.9 58.0 44.9 44.4 44.7 42.6 26.0 118.3 10.0 22.5 24.0 26.0 118.3 10.0 44.9 48.9 58.0 44.9 48.9 58.0 44.9 48.9 58.0 44.9 48.9 58.0 44.9 48.9 58.0 44.9 42.9 58.0 14.9 18.7 14.9 18.9 18.9 18.9 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 44.9 42.9 58.0 48.9 48.9 48.9 48.9 48.9 48.9 4	Lesotho	237.0	165.5	134,0	149.0	30.3	99.9	32.1	7 - 7	1.26	7.88.7	85.58 8.58	200.5
Actor 15.5 216.8 25.5 19.0 22.5 24.0 26.9 118.3	Liberia	78.6	102	6,64	76.4	<u>&</u>) 	191	15.6	2.04	743.9	8.96.8	214.0
152 2168 2255 2257 1940 225 240 269 1183 1027 1307 154 154 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155	Madagakonn	· k	«	¥	*	; *	. à	T '231	0.	0.40	118.7	103.3	114.0
Huita Haria	Malani	138. 128.2	216.8	225.9	225.7	19.0	506	24.0	0 70	, 601	* f	# 6 6	* !
17.5 17.5	Viali	****	£.7	65.8	73.0	¥	, * 	*	£.0.2 *	10.7	102.7	7.06.1	126.7
1246 90,2 70,8 82,3 133,7 147,7 130,6 132,1 30,7 410 42,8 1259 1286 111,6 114,4 77,5 112,4 96,3 113,5 119,4 134,3 125,7 Leone	ฟลนกาลกาล	*	٠	•	*	*	**	æ-	*	r *	0.80	44.9	48.0
1259 1286 111.6 114.4 77.5 112.4 96.3 103.5 199.4 34.3 125.5 2	Jaurnus	1716	F. (36	79.R	82.3	133.7	147.7	1306	132.1	10.7	• 5	* 0	* (
Africa 0.29 1179 1144 1269 258 444 429 525 514 537 515 14	dorocco	6,52	A.X.C.	111.6	114.4	77.5	112.4	ر ج	103.5	1107	9.14	\$.24 \$.35	43.2
Leone 029 1179 1144 1269 258 444 429 52.5 514 537 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.	1355	*	,	*	*	÷	2	*	*	r *	(* ()	/ *	1.05.fb.fb
Africa 0.29 1179 1144 1269 258 444 429 525,5 514 5347 515,5 Africa 0.29 1179 1144 1269 258 444 429 525,5 514 5347 515,5 Africa 0.29 1171 1239 99,0 109,3 ** * * * * * * * * * * * * * * * * *	kwanga kanan		. a	*	×	*	*	*	**	*	*	*	÷ 40
Africa	K 300241	* !	*	*	÷	æ		*	*	7 08	1 08	000	5
127.1 123.9 99.0 169.3	ierra Leone with Africa	σ: «	<u>გ_</u> [_	† * †	126.9	25.8	44.4	42.9	52.5	1 4	53.7	6.88 8.88	χ, γ, φ, 2, κ, ω
nd 127.1 123.9 99.0 109.3 *	ndan	, a	• 4	ж .	*	ž	¥	*	*	*) *	· *
12.44 12.59 99.0 100.3 * * * * * * * 107.9 91.6 113.1 12.44 12.22 98.4 96.4 * * * * * * 107.9 91.6 113.1 12.44 12.22 98.4 96.4 * * * * * * 107.9 91.6 113.1 12.45 12.23 12.34 12.37 12.39 12.37 12.34 12.34 12.37 12.37 12.39 12.37 12.37 12.39 12.37	rudas s seiles d) (*	*	*	*	*	*	*	*	*	· #
1974 1972 1984 964	waziialio	1.63	6.5.5	0.06	109.3	*	*	*	*	*	*	*	*
13.4 13.7 13.8 12.8	enzania	T. }	107.7	7.86	94° 1	*	*	*	*	0.701	416	1171	113.6
15.2 37.8 33.4 32.1 8.7 82.9 68.1 73.6 134.9 142.7 142.3 133.9 248.3 33.1 8.7 8.0 50.9 51.8 65.0 73.1 65.0 120.7 138.8 148.7 149.3 177.7 94.6 124.8 104.0 73.1 65.0 wee 120.7 138.8 148.7 149.3 177.7 94.6 124.8 104.0 81.2 93.1 wee 120.7 162.9 103.4 103.7 164.8 103.9 165.0 72.4 86.9 dech 167.1 110.2 97.2 78.0 268.1 154.1 23.7 115.7 72.4 76.9 dech 167.1 110.2 97.2 78.0 268.1 123.7 115.7 72.4 72.5 dech 44.1 38.3 123.7 123.6 12.1 224.1 224.1 228.7 26.6 dech	1780	T .	137.5	136.8	128.1	*	*	*	*	97.9	95.1	06.4	1000
133.9 248.3 3.4 3.21	Unista	* (*	×	÷	56.7	82.9	68.1	73.6	1349	1.02	90.4 4.04	5.00
120.7 138.8 148.7 149.3 177.7 94.6 124.8 164.0 81.7 81.2 93.1	ganda	7.5	S. 7.	Ħ rei rei	55	*	*	*	*	*	**		1.49.1
He had a series of the series	411 <i>t</i>	5.65	(*) X7	*	235.7	47.1	50.9	6.05	8	65.0	73.1	0.59	; ;
Acch 120,7 122,9 103,4 103,7 * * * * * * 73,5 123,4 123,1 154,1 * 286,4 70,3 62,7 72,4 128,3 128,3 128,3 128,7 115,7 73,5 78,6 76,9 12,4 112,8 96,5 12,5 102,9 112,8 92,1 37,5 104,1 97,8 104,9 224,1 228,7 206,6 89,7 89,7 89,7 89,7 89,7 89,7 89,7 89,7	.a.c.n.a. 		00. 00.	1.84	149,3	177.7	94.6	124.8	104.0	2 1 8	6.50	0.00	7.77
Lech 167.1 110.2 97.2 78.0 268.1 154.1 * 286.4 70.3 62.7 72.4 128.3 128.3 128.3 128.7 73.5 78.6 76.9 12.4 112.8 96.5 12.4 112.8 96.5 12.5 102.9 112.8 92.1 37.5 41.6 37.9 38.7 123.6 121.6 123.3 147.0 147.7 141.0 97.8 104.8 81.1 80.0 89.7	3 NuBruttin	9,1	0.22.0	103.4	103.7	*	-X	*	*	258.4	7-10 *	73.1 286.9	8/.8 265.0
157.1 110.2 97.2 78.0 268.1 154.1 * 286.4 70.3 62.7 72.4 (a.g. 24.8 152.1 128.3 123.7 115.7 73.5 78.6 76.9 (a.g. 24.8 152.1 128.3 123.7 115.7 73.5 78.6 76.9 (a.g. 24.1 12.8 152.1 12.8 96.5 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	l sia											Tour.	0.002
ta	and a dece	1671	110.2	C 1.0	78.0	268.1	154.1	*	286.4	10.1	7 63	f	i
4.1 35.3 40.6 27.2 29.0 31.9 28.0 94.4 112.8 96.5 a	100 100 100 100 100 100 100 100 100 100		ж. Э	0.18	α; α; α; α;	152.1	128,3	123.7	115.7	73.5	78.7	76.9	41.4
a	oresis and an analysis and an		· •	ĸ Ş	* !	0.0	0.0	0.0	0.0	94.4	112.8	96.5	3 5
167.5 102.9 112.8 92.1 37.5 41.6 37.9 38.7 123.6 121.6 123.3 100.6 44.7 57.0 55.9 * 35.4 * 106.9 224.1 228.7 206.6 167.3 147.0 121.1 121.1 80.0 89.7	falavsia	- ·	<u>^</u> *	<u>د</u> ،	L1.7	29.0	31.9	28.0	28,4	60.0	64.0	72.5	500
123. 123.6 123.3 106.6 64.7 57.0 55.9 * 35.4 * 106.9 224.1 228.7 206.6 * 77.5 104.1 97.8 104.8 81.1 80.0 89.7	(Vanmar)	3.531	0.01	0 11	r o	* '	*	*	*	*	*	; * i	*
55.4 * 106.9 224.1 228.7 206.6 * 77.5 104.1 97.8 104.8 81.1 80.0 89.7	chal	901	5.79	8775 6775	1.77	37.5	41.6	37.9	38.7	123.6	121.6	123.3	121 0
7.7 1470 1470 1771 1771 1741 97.8 81.1 80.0 89.7	akistan	*	*	F: *	⊅ , ∗	* ''	T.S.	* :	104.9	224.1	228.7	206.6	219.9
	Japua New Guinea	1673	147.0		- 101	(;) (;)	======================================	97.8	104.8	81.1	80.0	89.7	26.5

Table 16 (continued). Functional Expenditure Categories: International Expenditure Comparison Indices, 1986, Using Structural Expenditure

	- 1	Agriculture, Forestry,	estry, Fisheries	Si	Minin	Mining. Manufacturing. Construction	ıring, Constru	action	Ē	Electricity, Gas,	Water Supply	<u>}</u>
Country	1975-17	1978-80	1981-83	1984-86	1975-77	1978-80	1981-83	1984-86	1975-77	1978–80	1981–83	1984-86
Africa										į		
Вент	,	*	*	*	*	¥	*	*	*	*	÷	*
Botswana	1.65.1	च. हि	141.8	126.7	55.3	79.3	46.5	28.3	166.0	201.9	124.8	168.7
Burkina Faso	132	2.05	27.3	38.8	*	*	*	*	*	*) * 	*
Burundi	*	*	*	*	*	¥	×	*	*	*	*	*
Cameroon	177	67.0	65.1	63.5	12.5	10.2	9.5	8.0	18.7	24.6	32.5	112.6
Central African Rep.	*	*	¥	*	¥	*	*	*	*	*	*	*
(Subjective)	•	*	*	+	*	÷.	46	*	*	*	* -	*
Cote d'Ivoire	x, %,	35.1	31.8	32.4	×	-Ā	ä	*	×	*	*	*
Ethiopia	,	*	*	*	*	¥	*	*	*	*	*	*
Ciathra	*	*	4	*	-k	*	×	*	*	*	÷	*
Gambia, The	*	•	×	*	*	*	¥	*	*	*	*	*
Cihana	47.6	0.54	31.5	37.9	188	60,7	47.5	41.0	23.3	661	0.1	7.7
Cittinga-Bissau	*	٠	<	÷	×	*	*	*	*	*	; * *	*
Nonva	118.7	106.4	104.0	101.8	188.1	125.1	112.9	101.6	30.5	3,6,8	30.0	0.05
Lesotho	157.7	140.2	145.9	137.2	248.6	1.59.1	137.1	116.9	196.3	293.9	*	0.7.
Liberia	8.26	84.2	24.2	X X L	163.7	173.1	126.2	112.9	716	086	28.87	103
Madagascar	ĸ	*	*	×	*	÷	*	*	*	*) *	*
Malawi	5.751	6,141	134.1	135.4	38.0	24.2	20.3	15.4	140.1	114.1	9 651	0 98
Mali	*	•	*	*	ž	*	*	*	*	*	*	*
Mauritania	*	*	*	¥	*	*	*	*	*	**	*	*
Mauritius	977	112.7	91.1	92.8	52.5	72.8	77.8	64.9	3.8	4.0	2.2	2.2
Morocco	111.1	130,1	86.2	86.9	117.5	133.0	134 0	90.3	*	*	*	*
Legi.	* +	*	÷	*	*	÷	*	*	*	*	*	*
Kwanda		*	×	*	×	*	*	*	*	*	*	*
Schegat	0.50	9 le	म १६ <u></u>	88.2 5.2	,	*	*	*	161.5	*	108.9	176.8
Sterra Leone	5. •) † ()	0.4	7.67	0.80	118.9	. 08	62.2	114.3	103.0	47.7	52.3
Street Attrical	•	• •	₹	. ,	k ÷	* ÷	x :	*	*	*	*	*
Switzeni Co sectional	•	. *	• •	t 3	x :	* -	x a	*	*	*	*	*
Transpire	4			. ,	ŧ ;	• :	х -	*	*	*	*	*
Total	, to1	1 2 2 1	9	* -	х +	ž ;	*	* •	20k.1	161.4	143.9	111.5
100	*	<u>.</u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	† * 6	. 70	* 0	× r	* *	* !	* *	202.3	201.6
Leanda	*	*	•	*	Ę, *	×.*	1.14.7	<u>.</u>	28.7	43.4	21.6	25.0
Zaire	7.57	55	6	61.2	2116	6 200	C PC 1	7071	÷ #	· 0	• •	* .
Zambia	207.3	187.4	188.7	1744	234.5	1001	7.4.C	73.7		8.1/7	0.5.1	124.6
Zimbabwe	186.6	0.591	172.8	158.3	* i	*	**	*	5.12 1.61.61	1886	7.7 <i>c</i> -	٠ ٠ ٠
Asia												
Bangladesh	0.67	73.4	58.8	8,58	718.7	1907	153.8	0.771	101	٥٥ ر	7 1 7	Ç.
Fili	143.8	7.0£,1	116.4	117.5	18.2	22.8	21.0	20.0	5101.2	2.88.2	01.4 46.0	0.68
Indonesia	92.6	83.7	73.8	75.1	200.2	202.1	187.6	152.6	268.8	D.'.'	574 C	7.CC *
Korea	£	78.2	68.5	69.4	45.8	30.2	61.0	53.0	18.6	20.3	i 2 4	23.4
Malaysia	*	×	*	*	¥	ж	*	*	*	*	*	*
Myanmar	*	0,1%C	192.4	234.4	36.3	56.1	38.6	27.7	*	*	*	*
Versal Contract	<u> </u>	8.861	16.7	1.061	282.7	191.0	156.9	166.4	208.1	178.0	137.8	143.7
Pakistan	12.7	v. =	10.1	10.2	149.0	148.7	145.0	112.1	113.1	131.9	88.1	97.1
Papua New Gumea	ĸ	•	*	æ	*	*	*	*	#.	*	*	*

Philippines Singapine Selomon Flands	다. 단호:	£.(0)	(a) ≪ (b) ≪ (c) ± (c) ×	т, с т, с,	8:111 8:00 8:00 8:00 8:00 8:00 8:00 8:00	₩ 80 ×	5 7 % 5 7 %	64.1 6.6 *	152.8	157.7	* * *	217.4
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occajo Occajo	. >	> (260,5	ر. ٪ د. د.	9,0	9.0 *	% ** **	<u>e</u> .*	0.3	0,4	٤٠٠)	0.2
Hungar	7	2n1 s	187.7	. A9C	*	· #	· «	*	· *	o))e	: # 0	\$ 40
Malta	1.3	5. 7.	= =	13.50	¥.	6.14	74.1	102.5	**	÷	22	239.2
Paland	÷ «	, ı	9 9	<i>y.</i> 3	46 A	₩ ÷	co w	& 9	* <	ત્રા ન	#- ÷	* 1
Turkey	19,6	7.6	15.6	16.3	179.6	106.6	6'681	45.8	o 40	÷ #-	€ ↔	223.4
Yugosta	٥	,	÷	æ	25	46	në	٠	₩	₩	÷	*
Middle East												
Bahraro	- 1 1 1 1 1 1 1	5.05. 5.05.	1.4.4	0,7% 0,7% 0,7%	0,0r *	χ. Υ. *	151.6	175.4	₩ →	* 3	228.6	173.4
(. y	([m]	100.5	C.P.	÷ ž	÷		. es	÷ 2	. *		÷ ÷
Логдан	<u> </u>	73.0	κ. κ.	0.15	217.2	272.4	2.01.2	**	203.1	2,32.9	143.6	157.5
Kuwan	<u></u>	F 0F	X.X.	186.6	71.7	89,3	234.8	187.3	Ÿ	*	÷	210.3
Oman	₹ ;	. se,0	68.0 0.00	65.6	114.6	101	147.2	157.3	*	#	÷	÷
Wittan Arab Republic	۳. او ا	168.8	13.3.0 •	<u>.</u> ∞.	% U	⊕ I.	* 3	* C	* :	* (₩ (# (
United Arab Emirales Yemen Arab Republic	7. 7. 1. 97	7 7	c. ci	36.0	<u>C</u> *	<u>:</u> *	Ξ. * Ξ.	O.*	0, * 0,*	40.3 *	<u>×</u>	∞. ÷ <u>⊂</u>
Western Hemisphere												
Argentina	13.4	11.7	ir. S	9.1	<u>~</u> :	<u>~</u> .	<u>c</u> .	2.7	7,090,7	227.6	231.7	105.1
Barbados Botos	<u>3</u> .	7:151	119.7	T::::	다. 한	8.71	21.6	31.6	29.0 *	29.6	13,5	6'01
Bolivia	8.01	S.	œ.	»Z	5.7	7.7	97	200	4	. x	4.0	÷ 4
Chile	,	¥	**	#	I %	. **	. 10	*	1 **	*	*	· *
Colombia	er, e	777	文 ゔ う	10.3	- -	9.0 <u>5</u>	55.1	48.0	36.5	40.0	25.0	25.4
Costa Rica Demisios	<u> </u>	⊊ ;	(j. A <u>l</u> .	T. *	do de	* 4	de es	O) 90	e •	* *	e +	# 3
Demonsor Depublic	1616	. 35	1300	0.001	0.00	L	30.3	9 -	» F	· -	1 271	÷ 17.71
Foundar Republic	<u> </u>	- 55 - 56 - 56 - 56 - 56 - 56 - 56 - 56	11.7	1.9.9 7.14.7	D.03	7.7.7	() () () ()	K (C)	101.7	19.0	19.7	184.7
El Sahador	18.5	0.77	F.	38.0	3.6	3.7	च स्र	2.1	27	7.3	3.5	3.2
Guatemala	y y	× >	к «х	e e	» <u>(</u>	× + 00	× 1	* 0	» •	» r	* * 1	* -
Hari	÷	*	٠	÷	st ≠ †	t »	1751 	0°5,47	4.57°	7.711	4 .*	04.1
Honduras	¥.	*	ĸ	#	*	÷.	*	*	**	*	*	*
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Mevieo	۳. « آخ	₹.* *	57.9 *	17. 17.	229.1	200.5	e e	244.3	220.8	223.0	208.9	144.3
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Normaline Trinidad and Tobago	t →	€ 7 5 1	⊆ → _i _	<u>.</u> ,	۲, « د	<u>r,</u> ∗	- * F	C: *	5 .%	4.UZ	1.7 	\$21 *
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Venezuela	7. V.	X. ri Y.	 	_ 귀	<u>-</u>	6051	X()X(210.8	2.65	60.3	40.1	30.2

Fig. 1 (1975—7) 1 (1975-8) 1 (1975-8) 1 (1975-7) 1 (1975-8) 1 (197		Tran	sportation an	Transportation and Communication	tion	Hous	ing and Com	Housing and Community Amenities	ities
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Tana	Africa	;							
African Rep	Deard Rote o and	, ,	s s	× 1	* !	ž	*	¥	*
17.5 17.5	Burking East	***	7. * ?.	<u>, (</u>)	87.58 8.	118.7	146.9	115.0	1321
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14	Central African Rep.		,	* «	-	# * (2)	1)°C97	7.07.7	ė i
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Fig. 18. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Côte d'Ivoire	146	A.C.	0,71	3 CC	118.7	7 601	*	: *
The control of the co	Ethiopia	ĸ	*	*	* i	*	7. ¥	*	* *
Fig. The Fig. 1 and Fig. 2 and Fig. 2 and Fig. 3 and Fi	Galterin	*	*	ø	*	+	*	*	*
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Secondary Seco	Ghana	0.531	212.1	226.2	*	171.2	40.8	34.7	40 3
a \$5.9 \$2.5 \$6.0 \$80.2 \$2.9.3 \$2.9.2 the 155.7 136.4 165.2 226.1 30.1 30.9 59.1 spacar 84.4 80.6 102.4 138.9 185.5 40.0 78.9 20.2 sit 13.4 12.7 138.9 185.5 40.0 78.9 20.1 titania \$2.6 80.3 82.8 95.8 40.8 <	Guinea-Bissay	*	4	*	*	₩.	÷	. *	#
ho h	Kenya	95.9	5.C5.	0.08	80.2	٠	292.3	229.2	*
State	CENTS:	155.7	149.6	168.2	1.927	30.1	59.9	59.1	77.6
### 13.3	Laberta	편. *	9.08	102.4	148.3	29.7	31.9	28.0	39.2
trania	Nadagascar Majani		,	#2 G	*	*	*	¥	*
titus		٦ * - -		6.88.1 6.88.1	V.	#0 C	72.5	43.3	53.5
S2.6 N6.3 82.8 95.8 40.8 60.0 53.9 cer 29.9 39.7 34.1 47.2 31.2 45.5 46.5 delate 49.7 72.9 78.8 89.8 * * * * gal 49.7 72.9 78.8 89.8 *	Vandrania	*	;)	• •	* 4	40.0	0.×/	91.2	129.9
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tia 34.0 0.0 0.0 0.1 1.2.7 1.55.4 182.3 161.9 4.2.5 42.2 55.7 155.4 182.3 161.9 4.3.1 3.3 35.5 55.2 69.4 45.0 43.2 137.9 161.9	Tanzania	د 101	\$ F8	000	3 7 7 1	. *	* *	* 4	¥ 3
tia 34,0 42,5 42,2 55,7 155,4 122,0 162,0 da 26,4 31,3 35,5 55,2 69,4 45,0 43,2 da 26,4 31,3 35,5 56,4 45,0 43,2 ria 63,0 61,9 76,0 88,4 * 277,2 137,9 ria 63,0 61,9 76,0 88,4 * 277,2 137,9 resh 56,9 53,9 59,5 64,7 25,7 94,5 80,8 ladesh 12,9 12,3 10,2 14,8 8,3 7,2 5,4 resh 36,9 42,2 47,4 59,8 50,0 72,0 87,5 a 53,1 47,1 37,3 37,5 13,0 26,5 25,3 resh 54,1 47,1 37,3 37,5 13,0 26,5 25,3 resh 58,1 47,1 37,3 37,5 13,0 26,5 25,3 resh 166,5 79,5 74,0 108,6 150,5 26,0 153,2 resh 10,5 24,7 22,4 28,9 241,8 20,6 153,2	030	900	00	. C	127.0	· *	÷ לרני		÷ (
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26.4 31.3 35.5 55.2 69.4 45.0 43.2 abwe 63.0 61.9 76.0 88.4 * 277.2 137.9 ladesh 12.9 12.3 10.2 14.8 8.3 7.2 5.4 92.9 112.7 126.1 166.1 24.0 25.5 21.8 ssia 36.9 42.2 47.4 59.8 50.0 72.0 87.5 ssia 185.1 * * * * * * * * * * * * * * * * * * *	Uganda		*	1 *	*	*	**	4 * * * * * * * * * * * * * * * * * * *	7'501
via 63.0 61.9 76.0 88.4 * 277.2 137.9 abwe 56.9 53.9 59.5 64.7 25.7 94.5 187.9 ladesh 12.9 12.3 10.2 14.8 8.3 7.2 5.4 ladesh 12.9 12.3 10.2 14.8 8.3 7.2 5.4 ladesh 12.9 12.7 12.1 166.1 24.0 25.5 21.8 exia 36.9 42.2 47.4 59.8 50.0 72.0 87.5 a 58.1 47.1 37.3 37.5 13.0 26.5 25.3 sysia * * * * * * * * psia * * * * * * * * * sysia * * * * * * * * * * * * * <td>Zaïre</td> <td>26.4</td> <td>31.3</td> <td>35.5</td> <td>55.2</td> <td>69.4</td> <td>45.0</td> <td>43.2</td> <td>878</td>	Zaïre	26.4	31.3	35.5	55.2	69.4	45.0	43.2	878
abwe 56.9 53.9 59.5 64.7 25.7 94.5 80.8 ladesh 12.9 12.3 10.2 14.8 8.3 7.2 5.4 exia 92.9 112.7 126.1 166.1 24.0 25.5 21.8 exia 36.9 42.2 47.4 59.8 50.0 72.0 87.5 a 54.1 47.1 37.3 37.5 13.0 26.5 25.3 imar! 185.1 * * * * * * * imar! 166.5 79.5 74.0 108.6 150.5 206.0 158.5 ann 21.0 24.7 22.4 28.9 241.8 208.6 193.2 ann 22.0 24.7 22.4 28.9 241.8 208.6 193.2	Zambia	63.0	61.9	76.0	88	*	277.2	137.9	2140
ladesh 12.9 12.3 10.2 14.8 8.3 7.2 5.4 25.6 21.8 24.0 25.5 21.8 24.0 25.5 21.8 24.0 25.5 21.8 24.0 25.5 21.8 24.0 25.5 21.8 25.9 24.1 47.1 37.3 37.5 13.0 26.5 25.3 25.3 25.1 47.1 37.3 37.5 13.0 26.5 25.3 25.1 47.1 37.3 37.5 13.0 26.5 25.3 25.1 27.1 27.1 27.1 27.2 229.3 133.4 176.8 16.5 229.3 133.4 176.8 16.5 22.4 28.9 241.8 208.6 193.2 22.4 28.9 241.8 208.6 193.2 22.4 28.9 241.8 208.6 193.2 22.4 28.9 241.8 208.6 193.2 22.4 22.4 28.9 241.8 208.6 193.2 22.4 22.4 28.9 241.8 208.6 193.2 22.4 22.4 28.9 241.8 208.6 193.2 22.4 22.4 28.9 241.8 208.6 193.2 24.2 22.4 22.4 28.9 241.8 208.6 193.2 24.2 22.4 22.4 28.9 241.8 208.6 193.2 24.2 24.2 24.2 24.2 24.2 24.2 24.2 2	Zimhahwe	6.95	633	505	7.57	25.7	94.5	808	135.5
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92.9 112.7 126.1 166.1 24.0 25.5 21.8 36.9 42.2 47.4 59.8 50.0 72.0 87.5 1 87.5 13.0 26.5 25.3 21.8	Sangladesh	12.9	۳. ا د ا	10.2	8. 8.	8.3	7.2	5. <u>4</u>	5.2
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185.1 * * 229.3 133.4 176.8 176.8 176.8 176.8 176.8 176.5 206.0 158.5 206.0 158.5 206.0 158.5 206.0 158.5 206.0 158.5 206.0 158.5 206.0 158.5 206.0 158.5 208.6 193.2 208.6 193.2 208.6 193.2 208.6 193.2 208.6 193.2 208.6 193.2 208.6 20	Malassia	, *	- * 1	٠,٠ ٠,٠	۲: ×	13.0	50.5 *	25.3	21.5
170.8 170.8 170.8 170.8 150.5 103.4 170.8 170.8 150.5 170.5 170.8 158.5 170.8	Ventuari	1881	*	*	*	י טננ	133.4		* 0
21.0 24.7 22.4 28.9 241.8 208.6 193.2 sw. Guinea * * * * *	Venal	18	70.5	74.0	108.6	150.5	206.0	1505	192.0
* * * * * * * * *	Pakistan	21.0	24.7	77.7	28.9	241.8	208.6	193.2	145.7
	Papua New Guinea	*	*	*	*	*	*	*	*
1.3(1.3) 1.25.1 97.6 93.4 22.0 46.7 46.7	Philippines	130.3	1.52.1	9.76	93.4	22.0	46.7	46.7	50.9
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Furning								
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Poland	λ	*	*	*	*	*	* *	7.*
Portugal	•	¥	*	*	참	*	*	*
Turkey	151.3	7161	164.6	169,0	61.7	121.1	105.6	116.3
Yugostavia	,	4	4	*	+	*	*	*
Middle East								
Bahrain	118.0	134.6	132.3	130.8	173.2	0.791	152.1	21.8
Ferre	×	*	*	*	*	*	*	*
Israel	*	*	ĸ	*	4	*	*	*
Jordan	7.6.8	8,70	0.70	127.2	21.8	24.3	23.0	24.8
Kuwait	11.7	110.7	95.3	6,1%	298.8	279.2	245.2	187.3
Отап	1.05	5.85 8.50	£.0	81.3	*	*	* /-	*
Syrian Arab Republic	*	*	¥	Ж	*	*	*	#
United Arab Emirates	*	*	*	*	16.3	8.51	14.3	7.9
Yemen Arab Republic	F (0)S	<u>ار:</u> د:	단69	7.76	*	*	*	*
Western Hemisphere								
Argentina	9.57	92.2	8.80	F. 27	9.6	15.0	23.50	20.4
Barhados	67.1	80.7	73.2	5.16	109.2	126.1	143.7	105.8
Belize	*	∍ r	*	٠	*	*	*	*
Bolivia	£.62	۳. تار	t	50.5	6.2	11.1	13.1	18.7
Chile	* 6	* *	* (% t	* !	* !	* :	*
Colombia Contact Biss	X.	ς; » Ξ	120.7	55. 5. +	∞, _*	42.7	38.3	47.0
Containing	*	* *	: 4	: 40	¢ 40	4 %	÷ -#	÷ 1
Dominican Penublic	ι· ·	č	0 9	3.01	. 120	1170	1160	: - -
Ecuador	87.1	- 8 86 6	120.7	131.7	T'/6	c. *	c.:-	*
Ei Salvador	76.6	125.9	130.1	1.0.1	21.9	28.7	30.1	85 85 85
Giuatemafa	*	¥	*	#	*	*	*	×
Guyana	67.6	88.9	101.3	133.9	28.8	29.9	28.7	36.2
Hatt	* *	? ¥	x : •	* *	,	× >	÷€ 3	* +
la Harrisa	*	*	*	*	*	*	*	: «
Mexico	4 64	7 4	7 X.F.	27.5	45.3	505	0.07	75.0
Nicaragua	, * i	. *	; *	: * :	: *·	*	*	*
Panama	50.6	56.3	76.4	6.66	122.3	121.3	120.1	135.2
Paraguay	82.4	115.1	123.4	128.0	49.I	86.9	*	0.192
Peru	*	*	я	*(*	*	*	*
St. Lucia	*	*	¥	×	*	*	*	*
St. Vincent	ж -	*	×	*	40	*	*	*
Summame	×	.	х -	х -	ж -	*	y. ·	¥ ·
ogedol bae bebinii	3× 1	x 1)	e d)	** *	- € 3	4
(ruguay	c ti	· ()	C V	< t7	() 0		* F 60	* -
v enez Deta	/ 116	0.50	0.67	5770	65.5	C.(A).	7.40	5.011

^{*}Data not available. Formerly Burma

		Current Expenditure	xpenditure			Capital Expenditure	penditure			Net L	Net Lending	
Country	1975-77	1978-80	1981-83	1984-86	1975-77	1978-80	1981–83	1984-86	1975-77	1978-80	1981–83	1984-86
Africa			,	,	,	+	à	,	,	*	*	*
Benin	N	*	¥		÷.	*	*	y	* *	K (* (6 †
Botswana	121.3	118.5	113.5	101.2	72.9	73.5	82.2	100.9	180.9	165.2	232.0	* +
Burkina Faso	103.9	£.,	0,5,0	88.4	φ. •	£0.1	43.x	4 0.% 0.*	* *	* *	÷ *	* *
Burundi	* (1 011		1.01	3 6 7 1	0.77	70 %	000	1330
Cameroon	0.60)r	٠; * کن	Ç.*	1.76	4.011 *	5 .1.1	`é		c *	, ,	* *	*
central African Rep.	• •	: #	*	*	*	*	*	*	*	*	*	*
Congo	5 161	1 36 1	1103	£ 603	67.1	7.17	76.0	03.7	34	3.4	9.6	9.9
Cote d Note	**	T'u/71	9. 1. 1.	† .2111	** *	· *	*	*	*	*	` *	*
Etenopia	*	*	11	*	*	*	*	*	*	*	**	*
naron Gambia The	*	+	*	*	**	*	*	*	*	*	*	*
Controla. 185	9 40	838	F 08	808	68.6	9.69	54.6	8.19	138.3	200.7	266.0	126.6
Surges Been	O #	S ×	*	*	*	*	*	*	*	*	#	•
Crumentors and	1130	1105	108.4	97.2	0.08	8.09	5119	74,4	47.4	48.7	9.65	85.4
Peotho	9	131.0	128.8	118.2	86.3	87.2	102.0	128.4	17.8	16.4	21.7	42.5
Liberia	130.5	124.2	1 21.4	113.2	64.6	65.3	70.1	8.5.8	150.7	134.0	222.7	•
Madagascar	*	*	*	*	*	*	*	*	*	*	*	•
Malawi	127.7	121.4	119.1	119.3	92.1	93.3	102.5	127.0	12.0	11.7	15.0	25.7
Mali	8.08	83.8	78.6	72.1	45.1	45.8	36.5	40.7	102.4	*	*	4
Mauritania	*	*	*	*	*	*	*	*	*	* '	**	
Mauritius	120.5	116.9	105.3	102.3	100.2	99.4	103.9	116.3	128.9	. 181 	115.6	1.32.7
Μοτοσσο	112.0	6'601	105.7	5.10	Z.	85.2	5.59 5.45	4.0 *	4 4	4.	4, X; *	., "
Niger	• •	· *	: *	•	- *	*	*	*	*	*	*	
Kwanda	3 46.	5 1-1	נונו	901	1110	6 611	120.0	145.6	6.0	7.0	7.4	=
Senegal Source Leans	6.25.1 7.00	5.771 8.68	1 × 5	t. C. S. S.	173.5	125.4	107.7	124.7	*	*	*	
South Africa	*	*	*	*	* *	*	*	*	*	*	*	
Sudan	٠	*	*	*	*	*	*	*	*	*	*	-
Swaziland	**	*	*	*	*	*	*	*	*	*	*	
Tanzania	128.1	120.9	121.0	119.5	69.4	70.3	72.8	88.6	205.5	189.7	*	
Togo	119.3	118.2	109.4	6'66	116,4	117.4	137.1	168.4	*	*	*	
Funisia	7.11	111.2	105.6	98.7	88.5	0.68	104.9	0.051	81.3 £.18	78.2	91.3	160.2
Uganda	*	*	*	*	*	•	y : +	× +	₩ 4	* 1	ж Э	
Zairc	*	*	* •	* ·	* 0 0	* 0 0	* *	* C	* 0	* 6	k 10	971
Zambia	*	.	k 3	¥- (x	0.001	7.501	5.4.3	0.40	6.021	105.0	100.4
Zimbahwe	114.8	116.0	112.8	*. \$	0.8 <u>1</u>	<u>x</u>	C.12	6.02	£.24	04.7	5.56	118.3
Asia												
Bangladesh	*	×	ĸ	*	*	*	*	*	147.3	161.7	268.2	225.
Ē	¥.	2.56	7.68	\$23	54.9	54.9	59.4	70.4	48.9	47.4	52.1	72.9
Indonesia	118.6	101	103.0	98.2	986	140.2	142.1	7.17	S0.8	32.9	2. t.	ž 8
Korea	£ v: *	r, ∗ 5	5 * X	6 b/	5.* X	7.4x	T'0/	T.C.	₹ . *	144.0	T *	<u>\$</u>
Marakia	910	013	63.1	613	7.6.7	۲ ۲۲	287	8 70		*	*	
Negal	-	<u>;</u> *	*	*	1 *	į *	*	*	×	*	*	
Pakietan	v v v 01	730.6	1397	1.40.2	4 14	419	41.5	52.5	247.2	278.4	269.3	

Philippines Sugapore Solomon Islands Sri Lanka Thalland Western Samoa	101.7 5.158 5.51 5.00 4.00 8.5.6 8.5.8 8.5.8	87.6 2.4 11.4.4 113.6 89.9	84.8 7.97 1.001 1.88 1.88	82.7 73.4 103.5 80.6 *	31.8 188.2 76.3 112.7 88.2 *	32.2 176.9 17.1 113.8 88.8	31.6 161.1 82.7 134.7 83.5	37.7 163.1 101.2 168.3 97.2	156.1 207.2 * 46.8 21.2	196.2 239.7 * 46.2 27.2	144.2 128.0 ** 55.2 19.5	214.8 173.3 97.1 26.6
Europe Cyprus Greece Hungary Malta Poland	23. 21.1.2 22.1.3 23.1.3 24.4	4.5.00 1.5.00 4.000	6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	201 8.4 8.188 8.5 9 8 4	68 × 62 × 8	£ * 25 £ *	75.4 34.0 106.6	84.2 43.0 126.8	14 £. £. £. £. £. £. £. £. £. £. £. £. £.	82.5 82.5 82.6	33. 1 65.5 **	44.2 * * 97.9
rettuga: Turke; Yugoslavia Middle Face	165.7	V (11)	146.0	, 6381	90.6 2.6	91.2 2.4	88.7 1.4	* 27 <u>7</u> 13 13 13 1	* 😑 *	* ~ *	* 6.0	* = *
Middle East Bahrain Egypt Israel Iordan Kuwait	5.551 5.450 • \$8 5.80 • \$8 • \$8	121.5 142.3 101.0 108.9	48.1 4.46.1 5.80 5.00.0	2.121 2.021 * 89.8 5.99 5.05	111.1 170.0 24.4 113.6 130.5	107.1 169.7 23.6 113.6 124.1	113.2 192.0 30.5 134.2 142.9	122.8 221.9 33.7 162.3 151.2	32.9 ** 128.2 126.9	30.4 128.4 1.3.2 *	22.4 * 136.2 80.9	31.6 * 208.7 113.1
Syrian Arab Republic United Arab Emirates Yomen Arab Republic	58.7 101.*	100.5 4.201	102.4 94.5	92.2 112.0 *	125.1 122.9	125.4 50.3 *	138.9 23.2 *	166.9 15.2 *	* * *	* * *	* * *	* * *
Western Hemisphere Argentina Barbados Belize	110.2 92.4 116.5	102.4 94.7 114.5	86.5 85.3 108.4	83.7 82.6 105.3	49.9 83.4 43.8	48.3 80.6 44.0	55.5 95.8 48.1	58.7 103.9 57.8	** 118.8 *	283.5 117.3 *	141.1 88.5 *	1.181.1 108.9 *
Bolivia Chile Colembia Costa Rica	\$ 5% L \$ 5% L \$ 6 7 6 4	93.3 76.4 *	80.3 72.7 71.7	75.7 67.3 8.77 8	38.1 164.0 112.3 112.9	38.4 153.0 111.0	27.1 * 102.8 114.5	29.2 112.2 128.7	2.5° 8.2° 8.4°	4, 7, 8, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	17.6	30.2
Dominican Republic Feuador El Salvador Guatemala	0 * 6 * * 6 * 6	8 8 Ci * 6 * *	4.0° 4.0 X	85 8 6 8 6 8 8	V. × T. * *	78.7 6.6.9 8.0.9	8. 2. - 4. * 5. * 4	70.9 * * 60.8 * * * * * * * * * * * * * * * * * * *	* 7.7 0.0 4.8.4	8.7 0.0 91.4 *	7.8 0.0 57.9 *	. 11.2 0.0 64.3 * * .
ouvana Haid Honduras Ismaica Mexico	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· * * * — ·	· · · · · · · · · · · · · · · · · · ·	· * * * 0°		* * * * £.	* * * * 9.	* * * * <u>F</u>	* * * * 5;	* * * * O	<u>7</u> « » « » 4 ;
Statugua Paraguay Peru Se Luca St. Vincent Surname Troidad and Tobago Unguay	8.4.8.8 8.4.8.9 8.4.0.9 9.6.6.9 1.0.0.0 1.0.0 1.0.0.0 1.0.0.0 1.0.0.0 1.0.0.0 1.0.0.0 1.0.0.0 1.0.0.0 1.0.0.0	109.7 73.7 * 116.4 109.7 05.6	102.1 65.9 113.4 166.8 83.6 90.0	107.6 67.6 7.8 112.6 141.8 82.1 82.1 87.5	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	92.3 107.9 55.0 29.3 105.3 22.3	282 8 858 858 858 858 858 858 858 858 85	98.0 82.7 82.7 62.2 41.4 192.2 93.0	25.4 × 7.19 + 7.00 + 7.	28.8 177.1 177.1 8.0 8.0 45.2 166.3	21.0 57.2 77.2 8 * 47.6 98.0	18.1 51.9 61.0 77.2 * *

Table 17 (continued). Economic Categories of Expenditure: International Expenditure Comparison Indices, 1986, Using Structural Expenditure Equations for 1975-77, 1978-80, 1981-83, and 1984-86

861—83 1084—86 1075—77 1078—80 1081—83 108 76.2 73.9 115.2 122.5 116.7 1 8 90.1 116.7 1 1 8 110.7 90.8 90.1 166.6 1 90.5 86.4 97.2 119.8 84.9 8.3 86.4 97.2 119.8 84.9 8.3 84.5 157.5 163.3 152.6 137.1 130.3 109.8 109.6 124.7 137.2 130.3 109.8 109.6 124.7 137.1 130.3 109.8 109.6 124.7 137.2 130.3 109.9 81.7 85.5 113.7 110.3 64.1 73.0 82.5 113.7 110.3 88.5 84.4 85.5 113.7 110.3 88.5 84.4 85.5 113.7 110.3 88.5 87.4 88.5			Croods and Servi	d Services			Wages	Š			Cilier Goods	Other Goods and Services	
Head to the control of the control o	ountry	1075-77	1978–80	1981-83	1984-86	1975-77	1978-80	1981-83	1984-86	1975-77	1978-80	1981–83	1984-86
The control of the co	frica												
112 112	i i i i i i i i i i i i i i i i i i i	4	×	*	ÿ	*	ý	*	*	*	*	*	*
Figure 1125 1102 1102 1117	Olewana	1,40	8	97.1	X,7,X	X4.7	7.67	76.2	73.9	115.2	122.5	116.7	107.4
African Rep. 1129 1164 1163 1164 1164 1164 1167 1168 1166 1167 1166 1167 1167 1167 1167 1167	urkina Fasy	7.	6,001	112,6	114.7	*	÷	÷	*	*	*	#	#:
Horizon Hori	ուսուժ։	*	*	*	*	¥	¥	¥	*	*	#	ě:	*
Figure Fig.	атегооп	112.9	110.5	113.4	110.9	101.3	5.00	98.6	110.7	8'66	99.1	106.6	108,4
Fig. 1975	entral African Rep.	*	•	¥	*	*	¥	*	¥	*	*	*	*
Figure 1075 1039 900 8449 943 9045 8644 972 1108 8449 1086 1		*	«	4	æ	7	¥	¥	*	**	*	**	÷
Fig.	ôte d'Ivoire	103.6	10,3,9	0.00	5.1.X	6.66	575	90.5	86.4	97.2	8.611	84.9	77.2
Biscon Corp. Cor	thiopia	*	*	*	*	*	*	*	*	*	*	*	*
Fiscon Corp. Fiscon Fi	abon	*	*	¥.	,	*	*	*	*	#:	*	*	*
History 912 043 905 1047 788 884 792 919 1875 1683 1526 History 912 1021 1001 915 946 913 888 844 1805 1681 1352 1237 1155 High 1139 1141 1070 1443 1878 1328 1364 648 675 680 1237 1155 High 1139 1141 1070 1443 1878 1275 1369 1379 1446 High 1138 1141 1002 1047 1047 1043 1448 1275 1879 1879 1446 High 1148 1154 1156 1148 1156 1140 1160 1137 1160 1160 1879 1889 1895 High 1148 1154 1156 1148 1156 1140 1160 1173 1160 1160 1874 1865 1466 High 1160 1171 1183 1885 1095 1010 1160 1254 1867 1201 High 1160 1171 1183 1885 1096 1010 1160 1854 1867 1809 High 1160 1171 1183 1885 1096 1010 1160 1854 1867 1201 High 1160 1171 1183 1885 1096 1010 1160 1869 1869 High 1170 1170 1170 1170 1170 1170 1170 117	ambia, The	*	•	*	ķ	*	*	*	*	+	*	*	æ
History	hana	14.7	5,40	5.06	104.7	78.8	83.4	79.2	616	157.5	163.3	152.6	160.8
1778 1770 1741 1741 1742 1945 1948 1445 1445 1444 1445 1444	uinea-Bissau	*	4	*	*	*	*	*	×	*	*	*	* 1
17 17 17 17 17 17 17 17	enya	67.0	102.1	100.1	91.5	ð.ñç	61.3	83.8	84.S	126.1	135.2	123.7	113.2
10.05 11.30 11.11 10.70 144.3 137.8 122.8 136.4 648 675.5 68.0	esothe	127.8	1,37.9	1,36.6	124.4	153.3	8.95.1	1.77.1	130.3	8.601	9.601	124.7	116.2
1888 1301 1007 1047 1043 1813 770 756 821 1290 1379 1446 1446 1488 1301 1305 1373 1483 1483 1765 1863 186	iberia	110,6	113.9	114.1	0.701	E 77-1	1,37.8	1,32.8	1.36.4	8.48 8.48	67.5	0'89	65.8
The color of the	ladagascar	* :	* f	* r	* "	* r	*	* \ L	* -	* 0	* 5	* 7	* 77.
itinis (1978) 1471 1402 1427 1442, 1444, 1444 1475 1475 1475 1475 1475 1475 1475	Balawi	- c	/ 1811	7.55	5.00	<u> </u>	0.77	נייני ל	- 72°	0.621	5.75 5.15 1.15	C.44.0	4.04.2
11.5 105.7 105.0 103.3 112.4 116.0 113.7 110.3 64.1 73.0 65.4 107.1 105.1 104.9 104.8 104.5 106.6 120.5 112.0 116.3 88.2 88.5 84.4 107.1 115.4 115.4 115.6 120.5 112.0 116.3 88.5 87.6 88.9 107.1 112.9 117.1 118.3 108.5 109.6 101.0 116.0 125.4 136.7 120.1 107.0 106.6 104.2 93.5 104.4 88.7 87.7 181.1 198.7 130.0 107.0 106.6 102.4 103.7 94.4 88.7 87.7 181.1 198.7 130.0 107.0 124.0 122.4 112.4 99.4 94.4 88.7 87.7 181.1 198.7 182.4 107.0 124.0 122.4 112.4 99.4 94.4 88.7 87.7 181.1 198.7 182.4 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0 108.0	lah Geografia	X *	- * 	c. *	£771	 X, X, ¾	x.*	۲:17 د:	4	6.0K	`.'x	۲. ۲.	×.4×
17.1 16.1 16.1 16.1 16.2 16.2 16.2 16.3	laurama Isunitine	61.7	103.7	1050	103.3	1124	116.0	1137	1103	64.1	73.0	65.4	6 69
1148 1154 1154 1156 1046 1066 1010 1160 1254 1367 1201	latintes	107.1	105.1	100.9	X OX	109.5	106.0	103.7	97.6	85.2	85.6	. 4	77.3
114.8 115.4 113.6 114.6 126.6 120.5 112.0 116.3 88.5 87.6 88.9 114.8 115.4 113.6 114.6 126.6 120.5 112.0 116.3 88.5 87.6 88.9 117.1 112.9 117.1 118.3 108.5 109.6 101.0 116.0 125.4 136.7 120.1 117.0 124.0 122.4 112.4 99.4 88.7 87.7 181.1 198.7 130.0 117.0 124.0 122.4 112.4 99.4 88.7 87.7 181.1 198.7 130.0 117.0 124.0 122.4 112.4 99.4 88.7 87.7 181.1 198.7 182.4 117.0 124.0 122.4 112.4 99.4 88.7 87.7 87.0 86.8 117.0 124.0 122.4 112.4 99.4 88.7 87.7 87.0 86.8 117.0 124.0 122.4 122.4 122.4 99.3 81.6 92.0 86.8 117.0 124.0 122.4 122.4 110.2 105.4 99.3 81.6 95.4 82.2 117.0 124.0 123.7 94.0 114.2 110.2 105.4 99.3 81.6 95.4 82.2 117.0 124.0 62.3 62.3 87.4 87.3 87.3 87.0 120.8 117.0 124.0 125.4 127.4 127.4 127.5 127.5 127.5 117.0 124.0 125.5 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 117.0 124.0 125.5 125.5 125.5 117.0 124.0 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 125.5 117.0 125.5 125.5 117.0 125.5 125.5 117.0	ior.	*	*	*	*	*	*	*	*	! * :	+	*	*
Leone 115.4 115.4 115.6 104.6 126.6 120.5 112.0 116.3 88.5 87.6 88.9 Leone 110.7 112.9 117.1 118.3 108.5 110.6 116.0 125.4 136.7 120.1	wanda	*	*	*	*	*	*	*	*	*	*	*	*
Lecne 110.7 112.9 117.1 118.3 108.5 109.6 101.0 116.0 125.4 136.7 120.1 Africa	negal	8,111	115.4	113.6	104.6	126.6	120.5	112.0	116.3	88.5	87.6	6.88	84.1
Africa	erra Leone	110.7	112.9	117.1	118.3	108.5	109.6	101.0	116.0	125.4	136.7	120.1	123.2
and 190,9 106,6 104,2 93,5 104,3 98,0 92,7 90,3 99,5 106,7 100,7 100,7 100,0 98,8 102,4 103,7 100,7 100,7 100,7 100,4 103,7 100,4 103,7 100,7 10,7 1	outh Africa	*	*	*	*	+	*	*	*	*	*	*	*
100.9 106.6 104.2 93.5 104.3 98.0 92.7 90.3 105.9 100.7 100.9 106.6 102.4 103.7 * * * * * * 14.0 105.9 100.7 100.7 100.4 103.7 102.4 102.4 103.7 90.4 98.7 87.7 181.1 198.7 182.4 10	Jdan	a	. k	* 1	× !	* .	\$6 (% I	* !	# ! !	* :	* 1	* !
a 197.0 98.8 102.4 103.7 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.7 190.0 190.0 190.7 190.0 190.7 190.0	waziland	6.001	106.6	104.2	93.5	104.3	0.86	92.7	r., →	5.66	105.9	100.7	92.3
17.73	ลกรอกเล	07.6	× × ×	102.4	103.7	· 8	* 7	00 7	. 10	1.4.0	7.501	1,50.0	6.671
ceh * * * * * * * * * * * * * * * * * * *	Cal.	0.77	0.45.0 20.45.0	122.4	† 5. r.	1.66	4. 6	06.7	7.70	57.0	7.051	P.701	7.00.7
3c-h *	osuda	*	† *	*	r.4,	C *	`.* '	*	*	D*/:	0°00	7.70	*
Jech *	alic	*	*	*	*	*	*	*	*	*	*	*	*
me 73.0 76.3 73.4 71.8 76.7 82.2 92.0 86.8 dech *	ambia	•	*	*	*	83.9	80.9	76.2	79.1	*	*	*	*
3cch *	imbabwe	73.0	76.3	73.0	9.59	7.67	73.4	71.8	66.7	82.2	92.0	84.8	78.7
3ech	Sin												
97.8 105.9 103.7 94.0 114.2 110.2 105.4 99.3 81.6 95.4 82.2 81.8 67.8 40.6 36.7 43.3 67.4 82.2 81.8 67.4 61.9 63.3 62.3 58.2 59.6 60.6 67.8 40.6 36.7 43.3 81.3 117.7 119.1 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81	angladesh	#	*	*	+	*	*	*	*	*	*	*	*
sia 67.4 61.9 63.3 62.3 58.2 59.6 60.6 67.8 40.6 36.7 43.3 75.1 68.4 66.3 63.0 37.4 38.7 37.3 38.0 120.8 117.7 119.1 18. * * * * * * * * * * * * * * * * * * *		8.7.6	105.9	103.7	94.0	114.2	110.2	105.4	99.3	91.8	95.4	82.2	73.2
15.1 68.4 66.3 63.0 37.4 38.7 37.3 38.0 120.8 117.7 119.1 1a	ndonesia	67.4	61.9	63.3	62.3	58.2	9.65	9.09	8.79	40.6	36.7	43.3	44.1
13 * * * * * * * * * * * * * * * * * * *	orea	75.1	68.4	£	63.0	37.4	38.7	37.3	38.0	120.8	117.7	119.1	110.6
iar' * * * * * * * * * * * * * * * * * * *	falaysia	*	*	*	*	*	*	*	*	*	*	*	*
145.6 127.9 135.8 150.7 32.0 34.1 42.0 65.3 208.7 194.2 240.3	Ivanmar	*	·# ·	.	*	.	*	*	*	#	*	*	*
145.6 127.9 155.8 150.7 32.0 36.1 42.0 65.3 208.7 194.2 240.3	epai	H 1	in (1 (k	* !	*	*	*	*	*	*	*
	akistan	145.6	127.9	8. S. S.	150.7	32.0	36.1	42.0	65.3	208.7	194.2	240.3	261.5

Philippines Singapore Solomon Islands Sri Lanka Thailand Western Samoa	8.00 6.00 8.44 8.00 8.45 8.45	2.58 2.53 113.3 5.00 5.00 5.00	84.8 77.8 113.0 77.2 90.7	84.8 71.0 104.1 74.7 94.7	85.5 * 8.5 *	69.2 72.6 83.1 83.1	70.6 70.8 * 71.4 76.3	78.7 64.1 * 72.3 80.5	89.7 108.0 146.9 80.0 167.9	96.7 130.4 201.5 90.1 184.3	86.1 118.2 147.8 86.9 164.1	92.4 96.4 133.2 92.0 154.1
Europe Cyprus Greece Hungary Nalta Pedana Pertugal	1961 * \$55 0.5 * *	118.9 777.7 102.6	17. 17. 48. 17. 48. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	6.4 6.4 7.4 8.8 8.8 9.4 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8	141.0 71.3 156.9 *	143.6 72.0 160.5 *	147.4 122.2 182.2 * *	142.6 103.3 161.9	67.9 * * 8.5 * * *	87.8 * 60.3 57.0 *	75.2 73.3 54.7 *	71.0 * 78.1 53.8 *
Turkey Yugoslavia Middle East	0.501 *	7) * 71, 7	р, Г.,	%* €	₹ Ľ.*	∞.* ⊗.	80 * 80 80	92.6	\$4.0 *	45.5 *	\$8.7 *	\$7.4
Bahrain Egypt Israel	139.6	128.8	144.9 125.8 *	139.0 118.9 *	179.5 104.5 61.1	179.1 103.8 61.6	192.7 98.1 63.8	173.8 95.6 57.7	8.19 7.791	105.5 188.7 *	114.6 209.0 *	101.5 189.5 *
Jordan Kuwait Oman	96.1 1.2.1 1.4.	113.6 104.4 *	8.111.8 E.001	106.4 93.2 *	* 113.0 87.8	* 106.6 83.1	* 07.9 84.1	* 95.0 82.9	* 102.9 *	* 125.9 *	* 132.5 *	* 109.5
Synan Arab Republic United Arab Emirates Yemen Arab Republic	* * 15	* * t. v. =	* * </td <td>* * * 102.8</td> <td>. * 194.7</td> <td>* * 6.</td> <td>* * 166.7</td> <td>* * * 161.4</td> <td>36.2</td> <td>32.3</td> <td>* 39.6</td> <td>* * * * * * * * *</td>	* * * 102.8	. * 194.7	* * 6.	* * 166.7	* * * 161.4	36.2	32.3	* 39.6	* * * * * * * * *
Western Hemisphere Argentina Barbados Belize Boliza	8 8 <u>2 5</u>	77. 102.8 14.1.3	79,9 102,0 116,8	88.1 101.88.1 101.88.3	* 546 108.4 * 54.6	93.0 ** 110.7	90.4 102.8	* 18 * 1.4 * 4.8	1294 * * 4.25 * 5	* 171.0 169.9 *	* 147.3 162.5	* 124.6 154.0
Chile Colombia Costa Rica Dominica Dominican Republic	015 158 158 158 158 158 158 158 158 158 1	번 번 중 * · · · · · · · · · · · · · · · · · ·	87.25 80.25	74.7 49.0 67.7 *	71.8 43.9 6.7 8.7 8.7	74.9 46.1 98.5 * 114.7	73.5 45.1 95.6 * 120.7	69.7 46.0 92.5 * 133.2	84.2 42.9 35.6 * * 60.0 *	88.1 44.1 51.0 68.3 *	90.0 38.9 46.6 * 4.2 *	82.8 38.0 44.2 69.3 * 6.0 *
El Salvador Gustemala Guyana Haib	۲,۰۰۰ تا	v. * * * *		= * * * * *	00. 10. * * * *	4. * * * *	143.0	<u> </u>	40.9		4 6 80 * * * *	4 .c.* * * *
Jamaica Mewica Nearagua	* & * *	* F0;	4 - x 0	» + « »	* Li * C	* 73.0 * × 0.51	* * * * * * * * * * * * * * * * * * * *	75.2 **	\$2.0 * * 0.00	* 60.5	* 46.7 *	* 46,4 * * * * * * * * * * * * * * * * * * *
Praeama Praeama Peru St. Vincent Suriname Trinidad and Fobago Uruguay		6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	201.8 * * * * 201.8 * * * 201.8 * * * 201.8 * * 201.8	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	8.153 8.45 1.213 8.43 8.43	2.5.1 4.4.5.1.2.1.3.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8	102.9 102.2 162.2 152.0 86.0		6.7. 6.7. 6.7. 6.7. 7.10 7.10 7.10 7.10 7.10 7.10 7.10 7	80.1 80.1 80.1 154.1 110.4 93.3	155.1 77.0 * * 164.5 119.8	2.88 2.88 5.94 6.52 9.75
Venezuela	Ē	Ę	ř. X	X.2.	7! #X	e,	Wh.U		/.cn	43.3	7.40	676

		Interest Payments	ayments			Subsidies and Transfers	d Transfers		S	Subsidies Less	Social Security	, y
Country	1975-77	1978-80	1981-83	1984-86	1975-77	08-8/61	1981-83	1984-86	1975-77	1978-80	1981–83	1984–86
Africa												
Benin	٠	*	¥	*	*	*	*	*	*	*	*	¥
Botewana	92.7	8. 8.	53.5	45.6	221.5	194.1	188.1	195.0	231.8	253.4	9.861	211.2
Burkina Faso Burkina	∞. • ∞:	- *	717	70.4	67.3	65.1	58.7 *		* *	* •	* *	* *
Camaroon	7. 03	16.8	101		5	. 2	, 6,	, t	107	÷ ~	, 1	4 4
Central African Ren	*	Ç'#	*) * *	**	?; * c	*	7-7-7	?* •	0.*	, * 0.7.0	0.00 *
Congo	٠	*	9	×	*	*	¥.	*	*	*	*	*
Côte d'Ivoire	x 95.5	218.1	171.7	163.5	*	*	*	*	*-	*	*	*
Ethiopia	•	*	*	*	*	*	×	*	*	*	*	*
Gabon	*	,	•	*	×	*	*	*	*	*	*	*
Gambia. The	¥	*	*	*	4	*	*	*	*	*	*	*
Ghana	138.5	114.7	8.9	86.4	75.1	9.79	295	65.3	85.5	64.8	64.9	*
Guinea-Bissau	٠	•	•	¥	*	*	*	*	*	*	*	*
Kenya	9815	15.15.1	172.9	165.1	116.7	105.4	112.4	110.6	121.4	130.4	107.7	126.6
Lesotho	5 290	257.1	142.0	119.1	0.77	70.7	192	69.7	87.5	60.8	59.7	46.1
Liberia	169.0	o + €	127.5	121.8	68.0	62.3	62.2	63.2	67.8	4,69	57.6	70.7
Madagascar	,	6 f	• 1		• •	* :	* '	e i	*	* !	*	*
Malawi	3.74.5	212.3	7.69.	151.6	γ 9	8.67	75.6	78.1	141.5	88.5	64.1	69.5
Mail	c *	† *	¢ *		1.67 *	8.07 *	1.4.7	\$777 *	* *	* 7	⊬ +	* +
Vandins	ų	4	£ 777	167.4	1136	8	777	25.3	1716	7 50	76.1	110.6
Monogro	1500	1613	126.8	3011	80.4	75.4	72.0	66.0	17,17	+.C.4	70.1 71.0	517
Viger	*	*	*	*	*	**	*	*	*	*	÷ *	· *
Rwanda	*	*	*	*	*	*	*	*	*	*	*	*
Senegal	158.2	152.5	122.5	116.3	142.4	128.8	118.9	116.5	144.5	130.8	127.7	111.9
Sierra Leone	8	129.0	106.2	6'56	34.7	35.0	F.()F.	36.1	*	*	*	*
South Africa	*	*	*	•	*	*	*	*	*	*	*	*
Sudan	4	•	*	*	*	*	*	*	*	#	*	*
Swaziłand	105.7	92.3	64.7	57.1	*	*	*	*	*	*	*	*
Lanzania	26.5	126.7	£.	80.2	203.8	214.9	219.8	179.2	285.6	169.6	*	253.9
Torigina Torigina	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X (5)	÷ :	6.411	86.6 2013	75.7	66.2	2,00	62.5	66.8	50.2	64.4
Londa	<u> </u>	***	r *	c.*	7:7477) * () *	7.07.1	e 40 *	* *	* +	8.4.6.1 8.4.6.1	212.3
Zaire	*	•	*	*	*	*	*	- *	÷ *	+ +	÷ +	* 4
Zambia	*	*	*	*	*	*	*	*	*	*	· *	* *
Zimhahwe	*	*	180.2	148.1	216.3	200,3	207.8	184.5	235.5	284.7	185.8	153.1
Acia												
Bangladech	*	*	*	*	*	*	*	*	*	*	*	*
1114	191.5	162.9	125.5	113.3	67.4	8.95	51.8	58.6	49.1	44.0	31.3	412
Indonesia	9,98	155.9	104.0	84.3	255.1	261.2	247.6	236.5	209.2	153.9	220.6	1596
Korea	₹. ×.	9.4.6	7.97	62.7	166.9	1.70.3	8.55	144.8	156.2	169.9	187.9	148.4
Malaysta	ar .	•	*	*	¥	*	*	*	*	*	*	*
Misanmar	a (* 1	* •	¥	*	×	Ÿ:	*	*	*	*	*
Verall Constitution of the constitution of the	* ·	•	er i	*	*	×	*	*	*	*	*	*
Pakistan Damma Nam China	* 6	* 0	228.0	176.8	90.2	108.1	102.3	6.7.9	87.4	116,4	221.1	135.1
talina ista cimilea	27.7	0.65	7.50	ם.פע	C'647	Q:717	87/17	246.1	*	*	*	*

16.3 34.0 * 80.1 29.8	35.3 * * 164.7 * * 164.7 * * 164.7 * 16	19.6 * * 42.0 176.0 * * * * * *	67.7 91.5 * * * * 274.1	87.0 87.0 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84	70.7 * * * * * * * * 6.0 8.7.8
18.1 31.7 ** 81.4 27.1			71.0 47.9 * * * 226.1	65.7. *	* 1. * * * * * \$2. * * \$3. * * \$3. * * \$3. * * \$3. * * \$3. * * \$3.
25.0 38.2 * 171.5 33.6	£. £. 48. 48. 49. 48. 49. 49. 49. 49. 49. 49. 49. 49. 49. 49	19.0 40.9 40.9 * * * * *	90.0 75.8 * * 237.9	82.5 82.2 82.2 82.2 82.2 83.2 84.2 85.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86	\$ 60.3 \$ 86.3 \$ 73.3.7
27.1 37.5 * 129.7 27.5		32.2 33.5 * * 2 37.5 * * * *	99.0 185.7 * * * * 261.4	* 4.* 2.* * * * * 2.* * 4.* 2.* * * * * 2.*	% * * * * * * * * * * * * * * * 7.772
38.0 47.3 201.4 91.0	\$. * \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	49.6 127.6 * 7.7 7.7 * * * * *	82.7 75.2 6.4 85.1 118.4		66.5 47.4 47.4 99.5 89.5 79.5 76.6
33.2 42.1 157.5 91.6 38.7	209.8 209.8 71.6 71.8 7.8	5.15 5.05 5.95 5.95 5.95 5.95 5.95 5.95 5.9	79.5 67.3 6.0 * 86.7 108.8	* 77.0 * 6.4 9.4 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6	57.6 44.7 42.7 82.3 59.6 127.1
38.7 40.4 10.6 110.9 38.3	100.5 273.8 273.8 2.4 2.4 3.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4	£ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	103.2 80.6 6.7 * 107.9 133.7	4.8 79.1 112.9 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4 8.4	69.1 59.0 * 100.6 * 77.2 145.2
41.2 41.6 203.3 122.1 39.4	0. 0. 0. * * * * * * *	35.9 171.0 61.9 135.2 *	116.4 95.6 7.7 122.2 153.3 156.9	* 1501 * 1505 * 44. * * * * * * 9.051 * 9.051	83.3 65.1 117.1 86.9 86.9 86.9
92.6 118.3 59.3 132.8 163.0	11 85 7 * 4 6 6 * * 4 7 *	163.2 11.64.4.4.4.4.2.2.8.2.2.8.4.4.4.4.4.4.4.4.4.	76.2 78.6 78.6 78.6 18.4 1.2 4.1.2 4.1.3 4.1.3	ω, κ * κ' * α' * * * * * * *	21.5 6 * * * * * * 7.78 7.6.7
105.2 151.4 60.6 157.9 187.0	6. 8. 5. 4. 6. 4. 6. 4. 4.	165.0 129.1 * * * * * 21.6	86.8 25.0 147.7 18.1 18.9 8.9 8.9		184.7 26.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
138.5 185.1 76.5 251.5 251.5 *	8. 4. 4. 7. 4. 7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	88.1 74.9 * * * * 22.7	88.8 8.87 8.90 8.80 8.80 8.80 8.80 8.80	· C * X * * * * * * * * * * * * * * * * *	88. 8.6. 9.0. 10. 10. 10. 10. 10. 10. 10. 10. 10.
168.1 2.8.55 8.8.8 8.6.9 0.09 8.8.8 8.8.8	E	* 0.4 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	2003 2003 2004 2014 44.3 44.3		<u>88</u>
Philippines Supapore Solomon Islands Sri Lanka Thadand Wevern Samoa	Europe Cyprus Cyprus Greece Hungary Malta Poland Portugal Turkey	Middle East Bahrain Egypt Israel Jordan Kuwait Oman Syrian Arab Republic United Arab Emirates	Western Hemisphere Argentina Barbados Belize Bolixia C'hile Colombia Costa Rea	Dominical Republic Commiscan Republic Ecuador El Salvador Guatemala Guyana Hatii Honduras Jamaica Mexico Nicaragua	Panama Paraguay Peru Si Lucia Si Vincent Surname Triandad and Tokago Uruguay

Table 17 (concluded). Economic Categories of Expenditure: International Expenditure Comparison Indices, 1986, Using Structural Expenditure

	i	Acquisition of C	Capital Assets	<i>y</i> .	j	Capital Transfers	Fransfers		
Country	1075 77	1978-80	1981-83	1984-86	1975-77	1978-80	1981-83	1984-86	
Africa									
Benja		3	÷	4	ű.	ý	÷	*	
Bolswana	K. 1.X	0.4%	3. X.O		77	17.0	1 56	171	
Burkina Faso	5.95	7 2	7 7	26.5	. *	<u>*</u>	- *	* **	
Burundi	,	,	*	. *	*	÷	ż	4.	
Cameroon	116.	6.151	8,18	197.3	71.6	69.4	1.08	86.4	
Central African Rep.	*		¥	,	æ	*	÷	*	
oana.)	÷	У	4	×	*	÷	*	*	
Citie d'Ixpire	121.5	3. 3.	132.4	123.6	*	÷	*	쓔	
Ethiopia	a	3	«	*	×	*	×	+	
Gabon	7	٠	ĸ	d	*	ž	ä	*	
Gambia, The	*	٠	÷	×	×	*	¥	÷,	
Стапа	L 02	7.96 6	£,7	92.8	21.0	12.0	18.7	6.05	
Guinea-Bissau	*	•	×	*	*	*	*	*	
Kenya	76.6	73.5	67.4	5,67	45.3	53.4	9.0%	0.17	
Lesother	† GX	" ¥	<u> </u>	1505	7.7	11.6	7 3	6'9	
Liberia	C.18	- - 5	97.0	116.1	10.5	10.1	10.7	12.4	
Madagascar	s :	> (÷ .	gr I	₩	÷	æ.	*	
	x - !		5.5	E. 68	20.2	<u>z</u>	o.∞	22.4	
Managasi	† *	, E	C 9	K. f	s - 4	ë d	* 4	X +	
Validations.	0.95	8	83.8	0 20	7 63	0.04	. 603		
Vorose	7	107	15.54 1.554	1363	7.70	c ()	r. c) (C	
Tagi.	, k		- 1 1		*	÷	3 *	6.U	
Rwanda	•	4	4	*	ž	*	*	*	
Senegai	•	*	¥	÷	Ý.	¥	×	*	
Sterra Leone	*	*	*	¥	×	*	*	#0	
South Africa	*	v	×	*	ş	*	×	*	
Sudan	×	*	*	*	*	*	₩	*	
Swaziland	•	¥	я	*	4.2	4.0	4.2	4.7	
Lanzania	146.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2. 8 2. 5 2. 6 3. 6 3. 6 3. 6 3. 6 3. 6 3. 6 3. 6 3	6	*	æ	*	*	
000	5 X C	z 1	E 67 .	167.1	03.0	82.4	90.6	121.0	
a University	,	×.	₹67 1	\$ * * *	<u>.</u>	155.6	128.7	173.8	
7 site	٠	*		í ÷	ŧ *	X 3	× *	* •	
Zambia	*	*	*	,	*	*	. *	. *	
Zimhahwe	28.	93.9	35.8	E. 45.	×	*	*	*	
Asia									
Bangladech	*	*	æ	*	*	*	*	*	
Fiji	16,1	45.9	43.7	49.1	84.7	77.0	82.5	686	
Indonesia	73,0	87.0	93.8	142.0	135.9	1.4.1	124.7	187.8	
Norea	κ. Κ.	V. 7.	0,55	7.4.7	86.7	273.2	*	140.1	
Malaksia	* >	¥ +	, ,	* 4	* +	* •	÷.	*	
	٥	*	(* /	< ≠	**	¥ •9	* +	* :	
Pakistan	65.9	28.8	(22)	138.7	1.	L.	÷ 1	· o	
Papua New Guinea	51.1	55.0	18.6	62.3	32.7	30.5	40,9	4 c 4	
Philippines	7.82	20.0	r. ;	30.4	*	*	*	*	
2年である。	<u>£</u>	C.C.	1.4.1.7	ο.χ .	95.2	*	*	1 50	

* * 18.	27.2 40.8 * * * 162.9	2 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	57.9 48.8 105.3 105.3 151.0 110.5 57.8 57.8 139.9 170.0 * * * * * * * * * * * * * * * * * * *
* * * *	32.5 31.5 * * * * 160.6 *		38.2 0.7 27.9 60.9 60.9 66.9 87.1 101.4 13.2 13.3 12.0 12.0
* * * *	30.5 40.8 5.8 5.8 5.8 5.8 5.8 5.8		44. 4. 4.0 4. 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0
* * 9 *	2, 4 2, 5, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	161.9 206.6 40.1 * * * * *	42.0 4.0.7 6.6.6 103.9 81.8 81.8 81.8 142.3 142.3 6.0 6.0 6.0 6.0 7.0 6.0 7.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7
113.4 98.4 125.9	95.9 47.0 180.1 80.1	80.5 177.4 8.3 175.4 134.3 *	\$5.2 \$6.6
110.5 111.3 140.6	120.5 42.5 220.8 * * * *	89.5 145.2 13.9 162.6 171.0	8. 4. 8. 8. 6. 8. 8. 7. 8. 8. 6. 8. 8. 6. 8. 8. 6. 8. 8. 6. 8. 8. 6. 8. 8. 6. 8. 8. 6. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.
102.0 50.6 140.4	87 6 * 001 1 * * 4 * 1 * 4 * 4 * 4 * 4 * 4 * 4 * 4	68.0 205.7 7.4 130.2 126.8 * * * * *	23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25
120.5 59.6 204.5	X 000 F	65.6 199.4 9.9 135.4 129.5 *	22 42 44 65 65 65 65 65 65 65 65 65 65
Solomon Islands Sn Lanka Tbailand Western Samoa	Europe Cyprus Creece Hungary Malta Poland Portugal Turkey	Niddle East Bahrain Egypt Israel Jordan Kuwait Oman Syrian Arab Republic United Arab Emirates	Western Hemisphere Argentina Barbados Belize Bolivia Chile Cotombia Costa Rica Dominican Republic Ecuador El Salvador Guatemala Guyana Haiti Honduras Jamatca Nexico Nicaragua Paragua Paragua Paragua Paragua Paragua Verica St. Lucia St. Lucia St. Lucia St. Lucia

^{*}Data not available. Formerly Burma.

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Solomon Mands	>	>	¥.	ŧ	۰	æ	*	*	*	¥	*	*
vn Canka	Υ.	105.1	7.7	123.7	SO,0	80.7	86.2	90.6	89.4	6'901	105.2	211.9
Thailand	€. C.	6.19	6,47		139.9	117.0	107.2	119.2	1.09	90.2	91.3	× 5×
Western Samoa	•	>	÷.	•	4	,	à·	÷	*	*	÷	*
in the second												
Super	r- F-	27.2	2.34	71.0	103.7	100	F 00	0 001	7 77		-	1
0000000	1340	0 (0 1 7 7 1	130.7	617	/ *	ě	t +	. , ,	4.00	*: TA	1./9	7.78
Himmon	120.0	7.001	D.U.2.1	7.611		÷ 4	÷ †	. ,	0.121	5,612	7.77	C.181
Turigal.	1.50.7	Q 1 50°	7. K	5.00.		, 1 (6 I	5.15.	7.02	(42.0)	188.7
Nana	X.00.1	7.82.	7. 9 8. 9	10,55	7.7%	ري. دن.	81.2	85.7	110.9	125.9	03.6	31.8
Foland	Y. 1	φ. •	4.8 4.8 4.8	6.4	ĸ 4	ie •	* •	K : -	120.4	176.3	123.3	145.4
Fortugal	к I	k 4	N 1). :	*	*	*	*	0.0	0.0	0.0	0.0
Turkey	- i	<u> </u>	Ç. 9	5.78	128.2	128.5	125.4	124.4	79.5	104.7	104.6	88.3
1 02(5)3/13	ς <u>.</u>	٠ <u>.</u>	<u>-</u>	7.07	*	ĸ	ĸ	×	<u>×</u>	28.2	20.8	25.9
Middle East												
Bahrain	¥	*	*4	*	6.56	101.5	93.1	85.0	*	*	n	*
Egypt	152.9	105.3	181.3	216.9	*	*	*	*	136.7	177.1	184.0	192.3
Israel	154.5	181.0	1.59.7	157.1	*	*	#:	*	129.1	513	137.8	139.7
Jordan	125.7	113.4	116.6	141.7	117.8	121.9	120.9	114.1	133.5	1083	119.0	180.4
Kuwait	*	4	*	*	8,601	111.7	104.8	1000	*	*	*	*
Oman	113.7	123.2	118.9	115.8	*	*	*	+	1143	118.8	140.8	150.4
Syrian Arab Republic	121.0	11.2.8	107.4	1203	*	*	*	*	1423	123.7	126.4	0.891
United Arab Emirates	*	*	(* :	*	*	*	**	*	· *	**	**	. *
Yemen Arab Republic	161.7	151.0	126.2	131.0	*	*	*	*	165.8	163.8	155.0	229.4
	:		!						2		l change	
Western Hemisphere												
Argentina	61.0	7 ۲ ۲	67.8	72.3	*	*	*	*	51.7	106.3	9.09	8.79
Barbados	76.9	0.09	77.6	0.88	115.8	101.4	108.7	110.9	70.1	1.96	73.4	98.2
Belize	*	×	*	*	89.5	€'66	105.8	95.5	*	*	¥.	*
Bolivia	140.3	1.951	113.5	118.7	243.1	214.9	223.3	198.2	164.6	162.0	136.8	178.8
Chile	97.6	112.3	97.4	107.5	*	*	*	*	1.911	136.7	116.5	144.6
Colombia	à.	¥	*	*	79.0	74.2	79.5	6,69	*	*	*	*
Costa Rica	77.6	7.5.5	68.5	78.2	*	*	*	*	80.3	78.4	73.4	107.4
Dominica	*	*	•	4	*	*	÷	€	¥	*	¥	*
Dominican Republic	74.0	72.1	7.0	52.1	61.7	66.5	61.1	56.9	91.6	84.2	87.8	85.3
Ecuador	52.7	54.7	47.1	50.4	1.1.1	105.9	1.00	6.68	62.5	64.0	58.6	75.0
El Salvador	rr, ox	85.1	64.5	7.7	107.6	102.0	122.6	110.7	82.5	87.7	62.1	7.77
Guatemala	¥	*	æ	*	*	*	*	*	0.0	0.0	0.0	0.0
Сиуапа	* +	ak f	* -	* :	* :	* -	* •	æ .	0.0	0.0	0.0	0.0
Haiti		ĸ ·	x	x	× ·	*	*	¥	*	*	*	*
Honduras	*	7	*	Ņ	*	*	*	*	0.0	0.0	0.0	0.0
Jamaica	*	×	×	*	*	*	÷	*	0.0	0.0	0.0	0.0
Mexico	*	*	-k-	*	0.111	115.8	108.6	103.8	*	*	*	₩
Nicaragua	*	*	143.9	8.522	*	*	*	*	*	*	*	ħ
Рапата	114.4	117.6	101.7	0.701	157.7	142.8	159.7	144.9	105.0	107.3	92.8	114.4
Paraguay	7 17	13.5	34.5	Y 77	70,4	54.6	61.2	58.9	48.0	46,4	36.8	44.5
Peru	*	*	,	*	*	*	*	*	85.6	81.3	70.4	75.7
St. Lucia	x	,	×	*	*	*	*	÷	*	*	*	**
St. Vincent	•	¥	÷	*	*	*	*	÷	*	*	**	*
Suriname	¥	*	¥	*	118.1	130.5	130.2	127.9	*	*	*	÷
Trinidad and Tobago	*	*	*	*		*	*	*	0.0	0.0	0.0	0.0
Truguay	67.5	78.0	0 DV	63.1	à	*	*	*	71.8	100.6	61.1	77.0
Venezuela	78.2	8,8	7.67	78.6	103.7	125.4	1.911	97.2	83.6	79.3	85.7	8.68
												Ī

^{*}Data not available. Formerly Burma.

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