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1. National Accounts Estimates, 1982-1985
2. Public Sector - Wages, Salaries and Transfer Payments
3. Tourism - 1984.

MINISTRY OF ECONOMIC PLANNING & DEVELOPMENT  
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# NATIONAL ACCOUNTS ESTIMATES, 1982-1985

## INTRODUCTION

This is the first set of data on National Accounts aggregates published this year. Estimates given in the September 1984 issue of Economic Indicator No. 10 and published in detail in the report of "National Accounts of Mauritius - 1984" have now been revised following the availability of better and more up-to-date data. The status of the figures published in this issue is as follows:

<u>Year</u>	<u>Status</u>
1982	Definite estimates
1983	Final estimates
1984	Preliminary estimates
1985	First forecast.

## 1983 PERFORMANCE

The detailed accounts for the year 1983 have now been completed, worked out from data collected through the various surveys carried out by this office and from the administrative records of other Ministries and Departments.

However, as only very slight changes have been brought to the sectoral accounts, the revised estimates do not differ much from the provisional figures published in September 1984.

The estimate of GDP at factor cost, which stood at Rs 10,650 million, has now been revised to Rs 10,600 million and that of the GDP at market price is now Rs 12,760 million.

The real growth rate of +0.3% for the GDP at factor cost is now confirmed as well as all other real growth rates of aggregates: consumption expenditure: +1.8%; investment: +3.2%; exports of goods: +2% and imports of goods: +3%. Some ratios which are also good indicators of the performance of the economy have remained unchanged: Consumption expenditure as a percentage of GDP at market prices was 83; Gross Domestic Fixed Capital Formation (GDFCF) as a percentage of GDP at market prices, 18 and Gross Domestic Savings as percentage of GDP at market prices, 17.

## 1984 PERFORMANCE

### Gross Domestic Product (GDP)

Preliminary information gathered at the beginning of this year indicates that the national economy has grown by 4.2% during 1984, a performance which is far better than the 3.1% predicted last September.

The September forecast was based on figures gathered then on the likely performance of some of the most important sectors of the economy. Now, with the availability of preliminary data, it seems that the performance of some of the main sectors has been much better than expected, in particular, the following three:

- (i) Other agriculture
- (ii) EPZ Sector
- (iii) Tourism

The group "Other agriculture" which includes foodcrops, livestock and fishing rose by 13% in volume over 1983 as compared with a predicted volume of 5%. The tea sector which has registered a 30% increase in volume and 80% increase in price has been the main contributor to that growth.

In September 1984, it was estimated that the value added of the EPZ Sector would grow by 16% in 1984. This view was taken on the basis of the results obtained from the data collected in a survey carried out in early 1984 among EPZ industries on their production forecast. However, the imports, exports and employment data that have now become available in the EPZ Sector indicate that the growth in this sector has been much more substantial than the 16% predicted. In the light of the above mentioned indicators, it is now estimated that the growth rate in the EPZ Sector has been around 21% and the value added generated around Rs 750 million.

The Tourism Sector has also performed much better than expected. Preliminary data obtained so far point to a 14% growth rate as contrasted with the 10% predicted last September.

At the aggregate level, GDP at current factor cost reached the level of Rs 11,800 million in 1984 as against Rs 10,600 million the previous year, thus registering an increase of 11.3% in nominal terms. The real growth rate, as mentioned earlier, was of the order of 4.2%.

### Consumption and Investment

Total final consumption expenditure amounted to Rs 11,630 Mn of which private household expenditure on goods and services was Rs 9,845 Mn and general government consumption expenditure was Rs 1,785 Mn. The increase in nominal terms over the year 1983 was 9.8% but after eliminating the effect of price increases, it is estimated that, in real terms, total consumption increased by 3.1% compared to 1.8% registered in 1983.

Consumption as a ratio of GDP at market prices was 82%. This ratio has been constantly declining during the past years; thus, in 1980, it was 90%; in 1981 and 1982, it was 85% and in 1983, 83%.

Investment, as measured by the GDFCF, amounted to Rs 2,625 Mn. The estimate of volume growth has however been revised. The real growth was around 6.6% and not 8.4% as predicted last September.

Public sector investment reached Rs 965 Mn compared to Rs 815 the previous year, and in volume terms, this represented a 10% growth.

The private sector invested Rs 1,660 Mn representing a growth of around 4% in volume terms over the previous year.

Year 1984 also registered improvements in the gross domestic savings, which increased to Rs 2,550 Mn from Rs 2,173 Mn the previous year. The ratio of Gross Domestic Savings to GDP at market prices was 18%.

During 1981 and 1982, the savings ratio was 15% and in 1983 it has risen to 17%.

### Distribution of the GDP at factor cost

The GDP at factor cost was distributed almost equally to the two main factors of production. Rs 5,890 million was distributed as compensation of employees which represented 49.9% of GDP at factor cost. Gross operating surplus amounted to Rs 5,910 million.

FORECAST 1985

At the beginning of the year, around 600 large establishments were surveyed by mail questionnaires, to obtain data on their proposed industrial production and investment for the year 1985. These survey data have been supplemented with information on industrial trends obtained from industrialists and heads of organizations and associations. Sufficient information is now available to attempt a first forecast for 1985.

According to this information, it is believed that GDP at factor cost will grow at the rate of about 5.8% in 1985. It will reach Rs 13,300 million at factor cost and Rs 16,000 million at market prices.

Consumption expenditure will rise by around 2% of real terms to reach Rs 12,715 million. As a ratio of GDP, it is however still following the declining trend noted during the last three years. It is expected to be of the order of 80%.

Investment as measured by the GDFCF will amount to Rs 3,120 million.

The share of the public sector will be Rs 1,180 million and that of the private sector, Rs 1,940 million. In real terms GDFCF is expected to grow by 10% over the previous year.

The savings rate will improve if the assumption made above on consumption and investment materialises. The savings rate is expected to be around 20%, a significant improvement over the past years when it fluctuated between 15 and 18%.

Hereunder, are the main assumptions made on the growth rate of the key sectors of the economy:

- (i) Sugar Sector - a 16% increase in volume based on:
  - (a) a crop of 650,000 m/ton
  - (b) No increase in producer's price of sugar
  - (c) input/output structure same as for the year 1983 for which final accounts are available.
  
- (ii) EPZ Sector - a 12% increase in volume over the previous year.
  
- (iii) Tourism - a 10% increase over 1984.
  
- (iv) Electricity, gas and water - a 25% increase in volume due to increase in the hydro generated production of electricity from Champagne project, and also increase in energy produced by the sugar estates.

A revised forecast for the year 1985 will be published at the end of September which will have taken into consideration the government 1985/86 Budget estimates, a firmer estimate of the 1985 sugar crop and other statistics that will become available later.

Table 1 - National Accounts - main aggregates, 1982 - 1985

Main aggregates	Unit	1982	1983	1984	1985
1. Gross domestic product (GDP) at factor cost	Rs Mn	10,020	10,600	11,800	13,300
Gross domestic product at market prices	"	11,725	12,760	14,180	16,000
Net factor income from the rest of the world	"	- 498	- 435	- 556	...
Gross national product (GNP) at factor cost	"	9,522	10,115	11,244	...
Gross national product at market prices	"	11,227	12,275	13,624	...
Annual real growth rate of GDP at factor cost	%	+ 5.8	+ 0.3	+ 4.2	+ 5.8
2. Per capita GNP at factor cost	Rs	10,026	10,443	11,507	...
Per capita GNP at market prices	"	11,822	12,673	13,943	...
3. Compensation of employees	Rs Mn	4,975	5,280	5,890	6,650
Compensation of employees as a % of GDP at factor cost	%	49.7	49.8	49.9	50.0
4. Final consumption expenditure	Rs Mn	9,925	10,587	11,630	12,715
of which private	"	(8,301)	(3,837)	(9,845)	(10,800)
public	"	(1,624)	(1,700)	(1,785)	(1,915)
Annual real growth rate of final consumption expenditure	%	+ 2.2	+ 1.8	+ 3.1	+ 2.1
Final consumption expenditure as a % of GDP at market prices	%	84.6	83.0	82.0	79.5
5. Gross domestic fixed capital formation (GDFCF)	Rs Mn	2,100	2,300	2,625	3,120
of which private	"	(1,345)	(1,435)	(1,660)	(1,940)
public	"	( 755)	( 815)	( 965)	(1,180)
Annual real growth rate of the GDFCF	%	- 14.0	+ 3.2	+ 6.6	+ 10.5
GDFCF as a % of GDP at market prices	%	17.9	18.0	18.5	19.5
6. Net exports of goods and services	Rs Mn	- 330	- 32	- 366	+ 95
7. Gross domestic savings	"	1,800	2,173	2,550	3,235
Gross domestic savings as a % of GDP at market prices	%	15.4	17.0	18.0	20.5

Table 2 - Gross domestic product by industry group at current factor cost, 1982-1985 (Rs Million)

	1982	1983	1984	1985
Agriculture, hunting, forestry and fishing	1,530	1,465	1,695	1,890
of which sugar	(1,140)	(1,010)	(1,095)	(1,220)
other	(390)	(455)	(600)	(670)
Mining and quarrying	17	13	19	21
Manufacturing	1,560	1,660	1,988	2,347
of which sugar	(313)	(265)	(280)	(312)
E.P.Z.	(449)	(530)	(750)	(965)
other	(798)	(355)	(958)	(1,070)
Electricity, gas and water	260	245	285	390
Construction	625	660	700	775
Wholesale & retail trade and restaurants and hotels	1,290	1,455	1,660	1,902
of which wholesale and retail	(1,050)	(1,180)	(1,320)	(1,432)
restaurants and hotels	(240)	(275)	(340)	(420)
Transport, storage and communications	1,112	1,230	1,320	1,475
Financing, insurance, real estate and business services	1,755	1,890	2,038	2,240
of which ownership of dwellings	(1,270)	(1,360)	(1,460)	(1,605)
Other	(485)	(530)	(578)	(635)
Producers of government services	1,275	1,327	1,385	1,430
Other services	596	650	710	780
Gross domestic product at factor cost	10,020	10,600	11,800	13,300
Indirect taxes (net of subsidies)	1,705	2,160	2,380	2,700
Gross domestic product at market prices	11,725	12,760	14,180	16,000



**Table 3 -Gross domestic product by industry group at constant 1982 factor cost, 1982 - 1985**

(Rs Million)

	1982	1983	1984	1985
Agriculture, hunting, forestry and fishing	1,530	1,331	1,367	1,534
of which sugar	(1,140)	(912)	(894)	(1,037)
other	(390)	(419)	(473)	(497)
Mining and quarrying	17	17	17	13
Manufacturing	1,560	1,561	1,684	1,819
of which sugar	(313)	(250)	(245)	(234)
E.P.Z.	(449)	(439)	(592)	(663)
Other	(798)	(322)	(347)	(372)
Electricity, gas and water	260	243	278	348
Construction	625	633	647	675
Wholesale & retail trade and restaurants and hotels	1,290	1,373	1,459	1,523
of which wholesale and retail	(1,050)	(1,118)	(1,168)	(1,203)
restaurants and hotels	(240)	(255)	(291)	(320)
Transport, storage & communications	1,112	1,151	1,185	1,225
Financing, insurance, real estate and business services	1,755	1,812	1,860	1,916
of which ownership of dwellings	(1,270)	(1,302)	(1,336)	(1,372)
other	(485)	(510)	(524)	(544)
Producers of government services	1,275	1,300	1,318	1,342
Other services	596	627	652	675
<b>Gross domestic product at factor cost</b>	<b>10,020</b>	<b>10,048</b>	<b>10,467</b>	<b>11,075</b>
<b>% Annual real growth rate of the Gross domestic product</b>	<b>+ 5.8</b>	<b>+ 0.3</b>	<b>+ 4.2</b>	<b>+ 5.3</b>

Table 4 - Gross domestic product by industry group - sectoral real growth rates,  
1983 - 1985

(Base year 1982 = 100)

	1983	1984	1985
Agriculture, hunting, forestry and fishing	90.0	89.3	100.3
of which sugar	(80.0)	(73.4)	(91.0)
other	(107.4)	(121.3)	(127.4)
Mining and quarrying	100.0	100.0	105.9
Manufacturing	100.1	107.9	116.6
of which sugar	(80.0)	(78.3)	(90.7)
E.P.Z.	(109.0)	(131.8)	(147.7)
other	(103.0)	(106.1)	(109.3)
Electricity, gas and water	93.5	106.9	133.8
Construction	101.3	103.5	108.0
Wholesale & retail trade & restaurants and hotels	106.4	113.1	113.1
of which wholesale and retail	(106.5)	(111.2)	(114.6)
restaurants and hotels	(106.3)	(121.3)	(133.3)
Transport, storage and communications	103.5	106.6	110.2
Financing, insurance, real estate and business services	103.2	106.0	109.2
of which ownership of dwellings	(102.5)	(105.2)	(108.0)
other	(105.2)	(103.0)	(112.2)
Producers of government services	102.0	103.4	105.3
Other services	105.2	109.4	113.3
Gross domestic product at factor cost	100.3	104.5	110.5
% Annual growth rate of real Gross domestic product	+ 0.3	+ 4.2	+ 5.8

Table 5 - Gross domestic product by industry group - sectoral deflators,  
1983 - 1985

(Base year 1982 = 100)

	1983	1984	1985
Agriculture, hunting, forestry and fishing	110.1	124.0	123.2
of which sugar	(110.7)	(122.5)	(117.6)
other	(108.6)	(126.8)	(134.3)
Mining and quarrying	105.9	111.8	116.7
Manufacturing	106.3	118.1	129.0
of which sugar	(106.0)	(114.3)	(109.9)
E.P.Z.	(108.4)	(126.7)	(145.6)
other	(105.2)	(113.1)	(122.7)
Electricity, gas and water	100.8	102.5	112.1
Construction	104.3	103.2	114.3
Wholesale & retail trade & restaurants and hotels	106.0	113.8	124.9
of which wholesale and retail	(105.5)	(113.0)	(123.2)
restaurants and hotels	(107.8)	(116.8)	(131.3)
Transport, storage and communications	106.9	111.4	120.4
Financing, insurance, real estate and business services	104.3	109.6	116.9
of which ownership of dwellings	(104.4)	(109.3)	(117.0)
other	(103.9)	(110.3)	(116.7)
Producers of government services	102.1	105.1	110.3
Other services	103.7	108.9	115.6
Gross domestic product at factor cost	105.5	112.7	120.1

Table 6 - Expenditure on gross domestic product at current prices, 1982 - 1985

(Rs Million)

	1982	1983	1984	1985
Private consumption expenditure on goods and services	8,301	8,887	9,845	10,800
General government consumption expenditure on goods and services	1,624	1,700	1,735	1,915
Gross domestic fixed capital formation of private enterprises	1,345	1,485	1,660	1,940
Gross domestic fixed capital formation of government and public enterprises	755	815	965	1,180
Increase in stocks	+ 30	- 95	+ 291	+ 70
Exports of goods and non-factor services	5,529	5,953	7,034	8,395
Goods (f.o.b. value)	(3,985)	(4,346)	(5,173)	(6,300)
Non-factor services	(1,544)	(1,607)	(1,361)	(2,095)
Less Imports of goods and non-factor services	5,859	5,985	7,400	8,300
Goods (f.o.b. value)	(4,313)	(4,504)	(5,630)	(6,350)
Non-factor services	(1,546)	(1,481)	(1,762)	(1,950)
Gross domestic product at market prices	11,725	12,760	14,180	16,000

Table 7 - Expenditure on gross domestic product at constant 1982 prices, 1982 - 1985

(Rs Million)

	1982	1983	1984	1985
Private consumption expenditure on goods and services	8,301	8,443	8,735	8,929
General government consumption expenditure on goods and services	1,624	1,658	1,633	1,710
Gross domestic fixed capital formation of private enterprises	1,345	1,401	1,463	1,590
Gross domestic fixed capital formation of government and public enterprises	755	766	847	963
Increase in stocks	+ 30	- 90	+ 270	+ 55
Exports of goods and non-factor services	5,529	5,617	5,982	6,940
Loss Imports of goods and non-factor services	5,859	6,035	6,729	7,225
Gross domestic product at market prices	11,725	11,760	12,251	12,962

Table 8 - Expenditure on gross domestic product - deflators by type of expenditure, 1983 - 1985  
 (Base year 1982 = 100)

	1983	1984	1985
Private consumption expenditure on goods and services	105.3	112.7	121.0
General government consumption expenditure on goods and services	102.6	106.1	112.0
Gross domestic fixed capital formation of private enterprises	106.0	113.5	122.0
Gross domestic fixed capital formation of government and public enterprises	106.4	113.9	122.5
Increase in stocks	105.5	107.8	127.3
Exports of goods and non-factor services	106.0	117.6	121.0
Less Imports of goods and non-factor services	99.2	110.0	114.9
Gross domestic product at market prices	108.5	115.7	123.4

Table 9 - Cost components of the gross domestic product at current prices, 1982 - 1985  
(Rs Million)

	1982	1983	1984	1985
Compensation of employees of which paid by government	4,975 (1,494)	5,280 (1,547)	5,890 (1,615)	6,650 (1,720)
Operating surplus of which government industries	5,045 (43)	5,320 (61)	5,910 (65)	6,650 (70)
Consumption of fixed capital	(...)	(...)	(...)	(...)
Gross domestic product at factor cost	10,020	10,600	11,800	13,300
Net indirect taxes	1,705	2,160	2,380	2,700
Indirect taxes paid	(1,717)	(2,180)	(2,416)	(2,740)
Subsidies received	(- 12)	(- 20)	(- 36)	(- 40)
Gross domestic product at market prices	11,725	12,760	14,180	16,000

Table 10 - Composition of gross domestic fixed capital formation at current prices (1982 - 1985)

(Rs Million)

	1982	1983	1984	1985
<u>A. By type of capital goods</u>				
(a) Residential buildings	735	700	750	830
(b) Non-residential buildings	245	277	335	500
(c) Other construction and works	400	527	580	590
(d) Transport equipment				
(i) Passenger cars	45	40	65	75
(ii) Other equipment	75	111	100	195
(e) Machinery and other equipment	520	645	795	930
<b>Gross domestic fixed capital formation</b>	<b>2,100</b>	<b>2,300</b>	<b>2,625</b>	<b>3,120</b>
<u>B. By industrial use</u>				
1. Agriculture, hunting, forestry and fishing	135	103	125	150
2. Mining and quarrying	-	-	-	-
3. Manufacturing	315	358	520	625
4. Electricity, gas and water	350	469	380	325
5. Construction	45	34	45	50
6. Wholesale & retail trade and restaurants and hotels	90	127	165	250
7. Transport, storage and communications	235	321	385	600
8. Financing, insurance, real estate and business services	780	745	805	890
of which ownership of dwellings	(735)	(700)	(750)	(830)
9. Producers of government services	80	81	120	130
10. Other services	70	62	80	100
<b>Gross domestic fixed capital formation</b>	<b>2,100</b>	<b>2,300</b>	<b>2,625</b>	<b>3,120</b>



Table 11 - Composition of gross domestic fixed capital formation at constant 1982 prices

(Rs Million)

	1982	1983	1984	1985
<b>A. By type of capital goods</b>				
(a) Residential buildings	735	667	670	693
(b) Non-residential buildings	245	263	296	411
(c) Other construction and works (including land improvement)	480	502	516	488
(d) Transport equipment				
(i) Passenger cars	45	35	53	56
(ii) Other equipment	75	101	85	154
(e) Machinery and other equipment	520	599	690	751
<b>Gross domestic fixed capital formation</b>	<b>2,100</b>	<b>2,167</b>	<b>2,310</b>	<b>2,553</b>
<b>B. By industrial use</b>				
1. Agriculture, hunting, forestry and fishing	135	98	111	124
2. Mining and quarrying	-	-	-	-
3. Manufacturing	315	334	453	505
4. Electricity, gas and water	350	440	333	265
5. Construction	45	31	38	39
6. Wholesale & retail trade and restaurants and hotels	90	119	144	203
7. Transport, storage and communications	235	301	337	487
8. Financing, insurance, real estate and business services	780	709	718	742
of which ownership of dwellings	(735)	(667)	(670)	(693)
9. Producers of government services	80	76	105	106
10. Other services	70	59	71	82
<b>Gross domestic fixed capital formation</b>	<b>2,100</b>	<b>2,167</b>	<b>2,310</b>	<b>2,553</b>

Table 12 - Gross domestic fixed capital formation - real growth rates, 1983 - 1985

(Base year 1982 = 100)

Type of capital goods	1983	1984	1985
Residential buildings	90.7	91.2	94.3
Non-residential buildings	107.3	120.8	167.8
Other construction and works (including land improvement)	104.6	107.5	101.7
Transport equipment			
(i) Passenger cars	77.8	117.8	124.4
(ii) Other equipment	134.7	113.3	205.3
Machinery and other equipment	115.2	132.7	144.4
Gross domestic fixed capital formation	103.2	110.0	121.6
% annual real growth rate of Gross domestic fixed capital formation	+ 3.2	+ 6.6	+ 10.5

Table 13 - Gross domestic fixed capital formation - deflators by type of capital goods (1983 - 1985)

(Base year 1982 = 100)

Type of capital goods	1983	1984	1985
Residential buildings	104.9	111.9	119.3
Non-residential buildings	105.3	113.2	121.6
Other construction and works (including land improvement)	105.0	112.4	120.9
Transport equipment			
(i) Passenger cars	114.3	122.6	133.9
(ii) Other equipment	109.9	117.6	126.6
Machinery and other equipment	107.7	115.2	123.3
Gross domestic fixed capital formation	106.1	113.6	122.2