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DISTRIBUTION STATISTICS IN AFRICA

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I. INTRODUCTION

1. The United Nations Statistical Commission, at its ninth session in 1956, adopted recommendations on statistics of the distributive trades; these are set out in Part I of the International Recommendations in Statistics of Distribution (Statistical Papers, Series M. No. 26, hereafter referred to as "M.26").

2. Statistics of distribution are needed for a variety of purposes such as the provision of information for general economic planning and research. Statistics of wholesale and retail trade are needed for market analysis. These are also necessary for the compilation of national accounts and balances and have other uses such as the preparation of commodity balances, the estimation of consumers expenditure, the compilation of input-output tables, and price indices.

3. At the Fourth Conference of African Statisticians it was agreed that there should be a working group on methodology and applications of industrial and distribution statistics, and that this should be organised towards the end of 1966, or alternatively in the earlier part of 1967^{1/}. A Working Group on Industrial Statistics was convened in Addis Ababa in December 1966. However, owing to circumstances beyond the control of the ECA it has not yet been possible to organise a meeting on distribution statistics.

^{1/} See the Report of the Fourth Conference of African Statisticians (ECA document E/CN.14/CAS.4/17) paragraph 131(d).

4. An attempt has been made at a preliminary investigation into the availability and development of distribution statistics in Africa. This has been carried out on the basis of some material available in the ECA library and replies to letters written to heads of government statistical organisations in the region. These letters were addressed to 45 African countries, but replies were received from only 22, even after repeated follow-ups. Information was requested regarding work done or envisaged in the various countries relating to distribution statistics, and copies of relevant documents including reports, questionnaires and instructions were solicited. In this document an attempt is made to summarise and analyse the replies received and the data drawn from the various documents in the ECA library.

II. SOURCES AND AVAILABILITY OF DISTRIBUTION STATISTICS

A. International Recommendations

5. The statistical programme adopted by the Statistical Commission involves the collection and compilation of data arising from (i) comprehensive surveys once every five or ten years; (ii) less-detailed inquiries for each intervening year, and (iii) more restricted inquiries for each month or quarter. These inquiries differ from each other in coverage particularly as regards service trades and certain parts of wholesale trade.

B. By-products of Administration

6. For most African countries no such inquiries have been conducted. Limited and varied information arising probably as a by-product of administration is published in respect of existing establishments for four countries as shown at Table 1 in the Annex.

C. Labour Inquiries

7. For thirteen other countries data on employment and earnings in the distributive trades are obtained from periodical labour inquiries and are published as shown at Table 2 in the Annex. These inquiries vary in scope and in coverage. Although it has not been possible to make but a limited number of notes to the table, the variations in data available and the lack of uniformity in definitions such as "juveniles" and "earnings" can be seen. Information is usually not collected in respect of owners, partners, proprietors or self-employed persons. Also persons working as domestic servants are generally excluded.

D. Censuses of Distribution

8. It would appear that only ten African countries have made surveys of the Distributive Trades. These countries are Ethiopia, Ghana, Kenya, Morocco, Southern Rhodesia, Somalia, the Republic of South Africa, Tanzania, the United Arab Republic and Zambia. The

surveys of Ethiopia (1954) and Somalia (1966) were related to their capital cities only, and that of Ethiopia only to retail trade. Moreover these two surveys treated only with certain establishment characteristics and employment. The other surveys were generally more comprehensive and covered data on current and capital receipts and expenditures, stocks, and other assets and liabilities. The data sought in respect of eight countries as available from copies of schedules obtained from these countries are compared with the international recommendations and shown at Table 3 of the Annex.

III. THE CENSUSES AND THE INTERNATIONAL RECOMMENDATIONS

9. The data to be sought in Censuses of Distribution as recommended in M.26 are listed in the stub of Table 3. How far these recommendations have been satisfied is shown on this synoptic table, and an attempt is made in the following brief analysis to help the reader to view the gaps more clearly.

A. Establishment Characteristics

10. Generally these were well covered although Ethiopia and the United Arab Republic did not seek information on the kind of legal organization.

B. Number of Establishments as of One Day

11. Apart from the different periods covered there is no comparability here owing to the wide differences in other coverage. Ghana's Census of Establishments in 1956 relate to wholesale and retail trade only. In her industrial census in 1962 the coverage was extended to include restaurants and, finally in 1966, other services were included. The United Arab Republic, on the other hand, covered only "organised establishments", and Ethiopia (in 1954) and Somalia covered capital cities only and the former only retail trade.

C. Employment, Wages and Salaries

12. Data on employment distinguishing between adult and youth and sex is not sought for Nigeria and the United Arab Republic. This information is sought only for Somalia. Employment by sex is asked for in respect of Southern Rhodesia and Zambia but no distinction is made between adults and youths for these countries. For Ghana these data are requested only in respect of employees but not in respect of working proprietors or unpaid family workers. Also, for Southern Rhodesia and Zambia, working proprietors and unpaid family workers are not shown separately but grouped together.

13. Employment by full and part-time workers is sought only for Nigeria nationals and for Southern Rhodesia and Zambia. The classification in respect of Somalia is "permanent" and "casual" and no data in earnings is asked for in respect of that country.

D. Expenditures and Sales for Fixed Assets

14. Data on these items are sought for Ghana, Kenya, Nigeria and the United Arab Republic, although there are differences in classification. Of these countries only for Nigeria and the United Arab Republic is information sought separately in respect of new and second-hand goods.

E. Inventories of Goods Intended for Sale

15. Data on this item was asked for all countries shown except Ethiopia and Somalia. However some of these countries sought data by commodities except Ghana.

F. Value of Sales During Inquiry Year

16. For all the countries shown except for Somalia the values of sales of goods have been sought. In addition, except for Ethiopia the value of the sales of services have been requested. Only for Nigeria has there been an attempt to seek information separately for wholesale and retail trade as regards own account sales and sales on account of others. The information sought for

Southern Rhodesia and Zambia as regards these classes of sales relate only to wholesale distributors and representatives. Sales by method of payment is not asked for any country shown. However, sales by type of customer is sought for Kenya. This information is also requested for Southern Rhodesia and for Zambia but in respect of wholesale distributors and representatives only.

G. Accounts Receivable

17. This item is defined at M.26 as "the value of the credit outstanding as of the end of the inquiry year that was advanced in selling goods on own account and in rendering services." This item has been described otherwise as follows: Sundry debtors (Ghana); Commercial debtors (UAR); Customers' indebtedness on all form of credit (Southern Rhodesia and Zambia). No relevant data has been sought for Kenya, Somalia and for Ethiopia.

H. Value of Purchases of Goods Intended for Sale

18. Data on the total value of such purchases have been sought for Ghana, Kenya, Nigeria, Southern Rhodesia, The United Arab Republic and for Zambia. Details in respect of commodities purchased however have been requested only for the United Arab Republic.

I. Data Sought but not Intended in International Recommendations

19. In addition to data in accordance with recommendations at M.26 Ghana, Southern Rhodesia, the United Arab Republic and Zambia have sought other types of information during these inquiries. These countries have asked for data regarding current operating expenses other than for remuneration of employees, e.g. rent, insurance, and electricity, and cost of work given out on contract. The United Arab Republic includes the item "bad debt", and Ghana requires the completion of a form which sets out the "Trading Account and Profit and Loss Account". Also information is requested for these four countries in respect of stocks of goods other than for sale. Ghana and the United Arab Republic require a balance sheet

from the respondents setting out all assets and liabilities, while Southern Rhodesia and Zambia merely seek to know the "Firm's indebtedness at the beginning and the end of the year" and whether there is any higher purchase or any other form of credit. It is noted in Table 3 that for Ghana, Southern Rhodesia, and Zambia data is also sought in respect of accounts receivable at the beginning of the year.

IV. COUNTRY PLANS FOR DISTRIBUTION STATISTICS

20. Of the twenty-two countries which replied to the ECA inquiry as regards developments in statistics of the distributive trades twelve had no plans for venturing into the subject. There were plans for the commencement of a Census of Distribution in 1966 for three other countries and in respect of a further three countries a survey was to commence before the end of 1967, and for two of these countries, namely, the United Arab Republic and Zambia, it had been stated that surveys would be taken every five years thereafter, a commercial census for the former, and a census of distribution for the latter. For the other countries it had not been quite decided when a survey on distribution would be taken. In fact distribution statistics was listed among the subjects to be dealt with for these countries, but were given no priority.

ANNEX

TABLE 1: DISTRIBUTION STATISTICS AVAILABLE FOR
ANGOLA, GUINEA, MAURITIUS AND PORTUGUESE GUINEA

COUNTRY	DATA AVAILABLE	SOURCE OF DATA
ANGOLA	Companies newly created and dissolved, analysed by kind of organisation and kind of business.	Repartição de Estatístico Geral <u>Anuario Estatístico</u> 1958, 1959, 1960
GUINEA	Total number of companies newly created and dissolved.	<u>Bulletin Statistique de la Guinée</u>
MAURITIUS	Number of persons in possession of licences to exercise the various trades, analysed by broad group of activity.	Mauritius Central Statistical Office: <u>Yearbook of Statistics</u>
PORTUGUESE GUINEA	Total number of licences granted for the conduct of business.	Provincia da Guiné Serviços de Estatística: <u>Anuario Estatístico</u> 1950 - 1951

TABLE 2: DISTRIBUTION STATISTICS AVAILABLE FROM LABOUR INQUIRIES
IN THIRTEEN AFRICAN COUNTRIES

SCOPE OF INQUIRY	FREQUENCY OF INQUIRY	DATA AVAILABLE	SOURCE OF DATA
Establishment with annual wage and salary bill above 400,000 francs	Half-yearly	Employees, household, wages and salaries	Service de la Statistique Générale: <u>Bulletin de Statistique Générale, 1961 No. 1</u> (For twelfth inquiry)
All recorded employers	Yearly	Number of reporting establishments and employees by type of service; average monthly earnings by broad industry groups	Ghana: (i) <u>Labour Statistics</u>
Establishments with more than 10 employees	Quarterly		(ii) <u>Quarterly Digest of Statistics</u>
	Yearly	Employment, hours worked, wages and salaries by broad industrial groups	Ministère des Finances des Affaires Economique et du Plan, Direction de la Statistique et des Etudes Economiques et Démographiques, <u>Situation Economique de la Côte D'Ivoire, 1962.</u>
All employees except domestic servants in households	Yearly	Number of employees as of one day, distinguished by regular and casual workers ^{1/} , race, adult sex, and juveniles ^{2/} , man-days worked, earnings; analysis by broad industry groups.	Economic and Statistics Division: (i) <u>Reported Employment and Earnings, 1961, 1962.</u> (ii) <u>Reported Employment and Wages in Kenya, 1948-1960.</u> (iii) <u>Statistical Abstract 1965</u>
	Quarterly	Numbers employed	

TABLE 2: DISTRIBUTION STATISTICS AVAILABLE FROM LABOUR INQUIRIES
IN THIRTEEN AFRICAN COUNTRIES (CONT'D)

SCOPE OF INQUIRY	FREQUENCY OF INQUIRY	DATA AVAILABLE	SOURCE OF DATA
Establishments employing 10 or more persons	Yearly	No. of employees, establishments, salaries and wages	Rapport Statistique du Ministère du Travail et des Lois Sociales, 1962.
	Yearly	Numbers employed and total cash earnings in September by type of employee; wages and salaries during quarterly periods ^{3/} .	Federal Office of Statistics: (i) Reports on Employment and Earnings Enquiry (annual) (ii) Digest of Statistics - Quarterly.
	Yearly	Total number of workers, distinguishing between employers and other workers, by class of worker and broad industry group	(i) Ministère du Travail et de la Fonction Publique ; Direction du Travail et de la Sécurité Sociale: Rapport Annuel, 1961 (ii) Supplément au Bulletin Mensuel No. 8. La Situation Economique du Sénégal pr 1960 et au 1er Semestre au 1961
		Workers 14 years and over by kind of business and sex	Institut National de la Statistique et des Etudes Economiques: Recensement de la Population de la Côte Française des Somalis, 1956.

FRENCH

ANNEX

TABLE 2: DISTRIBUTION STATISTICS AVAILABLE FROM LABOUR INQUIRIES
IN THIRTEEN AFRICAN COUNTRIES (CONT'D)

COUNTRY	SCOPE OF INQUIRY	FREQUENCY OF INQUIRY	DATA AVAILABLE	SOURCE OF DATA
ZAMBIA, REP. OF	Census	Yearly	Wage rates, earnings and hours worked according to main occupations in principal industries	Bureau of Census and Statistics: Special Reports in Labour Statistics, Series on wage rates, Earnings and Average Hours Worked No. 248 - Commerce (March 1962)
		Yearly	Employment and earnings by broad industry groups	(i) Treasury Statistics Division: Employment and Earnings, in Tanganyika, 1962
Employees in all enterprises		Yearly	No. of employees by adult sex and juveniles ⁴ . Earnings in cash and kind, by industry.	(ii) Labour Department: Annual Report of the Labour Dept., 1961
		Yearly	No. of Firms or employers, Numbers employed and average monthly wages, classified by activity	Statistics Division of the Office of the Prime Minister: Enumeration of Employees, June 1962.
				Northern Rhodesia, Ministry of Labour and Mines: Annual Report of the Department of Labour, 1961.

lar employee is defined as "a salaried, monthly, weekly, or ticket contract worker employed on a verbal or written contract". Includes workers employed regularly but for only part of the day or part of the week. A casual worker is defined as a person "ed on a day to day basis".

s below the age of 16 years.

es overtime and bonus payments and acting allowances, but excludes value of perquisites and allowances to meet specific es such as transport and uniforms.

s under 18 years of age.

TABLE 3: DISTRIBUTION SURVEY IN AFRICA
DATA SOUGHT IN ACCORDANCE WITH INTERNATIONAL RECOMMENDATIONS

INTERNATIONAL RECOMMENDATIONS	ETHIOPIA		GHANA			KENYA	NIGERIA	SOMALIA	SOUTHERN RHODESIA	U.A.R.	ZAMBIA
	1954 ¹ / 1965 ² / 1966 ³ / 1967 ⁴ / 1968 ⁵ / 1969 ⁶ / 1970 ⁷ / 1971 ⁸ / 1972 ⁹ / 1973 ¹⁰ / 1974 ¹¹ / 1975 ¹² / 1976 ¹³ / 1977 ¹⁴ / 1978 ¹⁵ / 1979 ¹⁶ / 1980 ¹⁷ / 1981 ¹⁸ / 1982 ¹⁹ / 1983 ²⁰ / 1984 ²¹ / 1985 ²² / 1986 ²³ / 1987 ²⁴ / 1988 ²⁵ / 1989 ²⁶ / 1990 ²⁷ / 1991 ²⁸ / 1992 ²⁹ / 1993 ³⁰ / 1994 ³¹ / 1995 ³² / 1996 ³³ / 1997 ³⁴ / 1998 ³⁵ / 1999 ³⁶ / 2000 ³⁷ / 2001 ³⁸ / 2002 ³⁹ / 2003 ⁴⁰ / 2004 ⁴¹ / 2005 ⁴² / 2006 ⁴³ / 2007 ⁴⁴ / 2008 ⁴⁵ / 2009 ⁴⁶ / 2010 ⁴⁷ / 2011 ⁴⁸ / 2012 ⁴⁹ / 2013 ⁵⁰ / 2014 ⁵¹ / 2015 ⁵² / 2016 ⁵³ / 2017 ⁵⁴ / 2018 ⁵⁵ / 2019 ⁵⁶ / 2020 ⁵⁷ / 2021 ⁵⁸ / 2022 ⁵⁹ / 2023 ⁶⁰ / 2024 ⁶¹ / 2025 ⁶² / 2026 ⁶³ / 2027 ⁶⁴ / 2028 ⁶⁵ / 2029 ⁶⁶ / 2030 ⁶⁷ / 2031 ⁶⁸ / 2032 ⁶⁹ / 2033 ⁷⁰ / 2034 ⁷¹ / 2035 ⁷² / 2036 ⁷³ / 2037 ⁷⁴ / 2038 ⁷⁵ / 2039 ⁷⁶ / 2040 ⁷⁷ / 2041 ⁷⁸ / 2042 ⁷⁹ / 2043 ⁸⁰ / 2044 ⁸¹ / 2045 ⁸² / 2046 ⁸³ / 2047 ⁸⁴ / 2048 ⁸⁵ / 2049 ⁸⁶ / 2050 ⁸⁷ / 2051 ⁸⁸ / 2052 ⁸⁹ / 2053 ⁹⁰ / 2054 ⁹¹ / 2055 ⁹² / 2056 ⁹³ / 2057 ⁹⁴ / 2058 ⁹⁵ / 2059 ⁹⁶ / 2060 ⁹⁷ / 2061 ⁹⁸ / 2062 ⁹⁹ / 2063 ¹⁰⁰ / 2064 ¹⁰¹ / 2065 ¹⁰² / 2066 ¹⁰³ / 2067 ¹⁰⁴ / 2068 ¹⁰⁵ / 2069 ¹⁰⁶ / 2070 ¹⁰⁷ / 2071 ¹⁰⁸ / 2072 ¹⁰⁹ / 2073 ¹¹⁰ / 2074 ¹¹¹ / 2075 ¹¹² / 2076 ¹¹³ / 2077 ¹¹⁴ / 2078 ¹¹⁵ / 2079 ¹¹⁶ / 2080 ¹¹⁷ / 2081 ¹¹⁸ / 2082 ¹¹⁹ / 2083 ¹²⁰ / 2084 ¹²¹ / 2085 ¹²² / 2086 ¹²³ / 2087 ¹²⁴ / 2088 ¹²⁵ / 2089 ¹²⁶ / 2090 ¹²⁷ / 2091 ¹²⁸ / 2092 ¹²⁹ / 2093 ¹³⁰ / 2094 ¹³¹ / 2095 ¹³² / 2096 ¹³³ / 2097 ¹³⁴ / 2098 ¹³⁵ / 2099 ¹³⁶ / 2100 ¹³⁷ / 2101 ¹³⁸ / 2102 ¹³⁹ / 2103 ¹⁴⁰ / 2104 ¹⁴¹ / 2105 ¹⁴² / 2106 ¹⁴³ / 2107 ¹⁴⁴ / 2108 ¹⁴⁵ / 2109 ¹⁴⁶ / 2110 ¹⁴⁷ / 2111 ¹⁴⁸ / 2112 ¹⁴⁹ / 2113 ¹⁵⁰ / 2114 ¹⁵¹ / 2115 ¹⁵² / 2116 ¹⁵³ / 2117 ¹⁵⁴ / 2118 ¹⁵⁵ / 2119 ¹⁵⁶ / 2120 ¹⁵⁷ / 2121 ¹⁵⁸ / 2122 ¹⁵⁹ / 2123 ¹⁶⁰ / 2124 ¹⁶¹ / 2125 ¹⁶² / 2126 ¹⁶³ / 2127 ¹⁶⁴ / 2128 ¹⁶⁵ / 2129 ¹⁶⁶ / 2130 ¹⁶⁷ / 2131 ¹⁶⁸ / 2132 ¹⁶⁹ / 2133 ¹⁷⁰ / 2134 ¹⁷¹ / 2135 ¹⁷² / 2136 ¹⁷³ / 2137 ¹⁷⁴ / 2138 ¹⁷⁵ / 2139 ¹⁷⁶ / 2140 ¹⁷⁷ / 2141 ¹⁷⁸ / 2142 ¹⁷⁹ / 2143 ¹⁸⁰ / 2144 ¹⁸¹ / 2145 ¹⁸² / 2146 ¹⁸³ / 2147 ¹⁸⁴ / 2148 ¹⁸⁵ / 2149 ¹⁸⁶ / 2150 ¹⁸⁷ / 2151 ¹⁸⁸ / 2152 ¹⁸⁹ / 2153 ¹⁹⁰ / 2154 ¹⁹¹ / 2155 ¹⁹² / 2156 ¹⁹³ / 2157 ¹⁹⁴ / 2158 ¹⁹⁵ / 2159 ¹⁹⁶ / 2160 ¹⁹⁷ / 2161 ¹⁹⁸ / 2162 ¹⁹⁹ / 2163 ²⁰⁰ / 2164 ²⁰¹ / 2165 ²⁰² / 2166 ²⁰³ / 2167 ²⁰⁴ / 2168 ²⁰⁵ / 2169 ²⁰⁶ / 2170 ²⁰⁷ / 2171 ²⁰⁸ / 2172 ²⁰⁹ / 2173 ²¹⁰ / 2174 ²¹¹ / 2175 ²¹² / 2176 ²¹³ / 2177 ²¹⁴ / 2178 ²¹⁵ / 2179 ²¹⁶ / 2180 ²¹⁷ / 2181 ²¹⁸ / 2182 ²¹⁹ / 2183 ²²⁰ / 2184 ²²¹ / 2185 ²²² / 2186 ²²³ / 2187 ²²⁴ / 2188 ²²⁵ / 2189 ²²⁶ / 2190 ²²⁷ / 2191 ²²⁸ / 2192 ²²⁹ / 2193 ²³⁰ / 2194 ²³¹ / 2195 ²³² / 2196 ²³³ / 2197 ²³⁴ / 2198 ²³⁵ / 2199 ²³⁶ / 2200 ²³⁷ / 2201 ²³⁸ / 2202 ²³⁹ / 2203 ²⁴⁰ / 2204 ²⁴¹ / 2205 ²⁴² / 2206 ²⁴³ / 2207 ²⁴⁴ / 2208 ²⁴⁵ / 2209 ²⁴⁶ / 2210 ²⁴⁷ / 2211 ²⁴⁸ / 2212 ²⁴⁹ / 2213 ²⁵⁰ / 2214 ²⁵¹ / 2215 ²⁵² / 2216 ²⁵³ / 2217 ²⁵⁴ / 2218 ²⁵⁵ / 2219 ²⁵⁶ / 2220 ²⁵⁷ / 2221 ²⁵⁸ / 2222 ²⁵⁹ / 2223 ²⁶⁰ / 2224 ²⁶¹ / 2225 ²⁶² / 2226 ²⁶³ / 2227 ²⁶⁴ / 2228 ²⁶⁵ / 2229 ²⁶⁶ / 2230 ²⁶⁷ / 2231 ²⁶⁸ / 2232 ²⁶⁹ / 2233 ²⁷⁰ / 2234 ²⁷¹ / 2235 ²⁷² / 2236 ²⁷³ / 2237 ²⁷⁴ / 2238 ²⁷⁵ / 2239 ²⁷⁶ / 2240 ²⁷⁷ / 2241 ²⁷⁸ / 2242 ²⁷⁹ / 2243 ²⁸⁰ / 2244 ²⁸¹ / 2245 ²⁸² / 2246 ²⁸³ / 2247 ²⁸⁴ / 2248 ²⁸⁵ / 2249 ²⁸⁶ / 2250 ²⁸⁷ / 2251 ²⁸⁸ / 2252 ²⁸⁹ / 2253 ²⁹⁰ / 2254 ²⁹¹ / 2255 ²⁹² / 2256 ²⁹³ / 2257 ²⁹⁴ / 2258 ²⁹⁵ / 2259 ²⁹⁶ / 2260 ²⁹⁷ / 2261 ²⁹⁸ / 2262 ²⁹⁹ / 2263 ³⁰⁰ / 2264 ³⁰¹ / 2265 ³⁰² / 2266 ³⁰³ / 2267 ³⁰⁴ / 2268 ³⁰⁵ / 2269 ³⁰⁶ / 2270 ³⁰⁷ / 2271 ³⁰⁸ / 2272 ³⁰⁹ / 2273 ³¹⁰ / 2274 ³¹¹ / 2275 ³¹² / 2276 ³¹³ / 2277 ³¹⁴ / 2278 ³¹⁵ / 2279 ³¹⁶ / 2280 ³¹⁷ / 2281 ³¹⁸ / 2282 ³¹⁹ / 2283 ³²⁰ / 2284 ³²¹ / 2285 ³²² / 2286 ³²³ / 2287 ³²⁴ / 2288 ³²⁵ / 2289 ³²⁶ / 2290 ³²⁷ / 2291 ³²⁸ / 2292 ³²⁹ / 2293 ³³⁰ / 2294 ³³¹ / 2295 ³³² / 2296 ³³³ / 2297 ³³⁴ / 2298 ³³⁵ / 2299 ³³⁶ / 2300 ³³⁷ / 2301 ³³⁸ / 2302 ³³⁹ / 2303 ³⁴⁰ / 2304 ³⁴¹ / 2305 ³⁴² / 2306 ³⁴³ / 2307 ³⁴⁴ / 2308 ³⁴⁵ / 2309 ³⁴⁶ / 2310 ³⁴⁷ / 2311 ³⁴⁸ / 2312 ³⁴⁹ / 2313 ³⁵⁰ / 2314 ³⁵¹ / 2315 ³⁵² / 2316 ³⁵³ / 2317 ³⁵⁴ / 2318 ³⁵⁵ / 2319 ³⁵⁶ / 2320 ³⁵⁷ / 2321 ³⁵⁸ / 2322 ³⁵⁹ / 2323 ³⁶⁰ / 2324 ³⁶¹ / 2325 ³⁶² / 2326 ³⁶³ / 2327 ³⁶⁴ / 2328 ³⁶⁵ / 2329 ³⁶⁶ / 2330 ³⁶⁷ / 2331 ³⁶⁸ / 2332 ³⁶⁹ / 2333 ³⁷⁰ / 2334 ³⁷¹ / 2335 ³⁷² / 2336 ³⁷³ / 2337 ³⁷⁴ / 2338 ³⁷⁵ / 2339 ³⁷⁶ / 2340 ³⁷⁷ / 2341 ³⁷⁸ / 2342 ³⁷⁹ / 2343 ³⁸⁰ / 2344 ³⁸¹ / 2345 ³⁸² / 2346 ³⁸³ / 2347 ³⁸⁴ / 2348 ³⁸⁵ / 2349 ³⁸⁶ / 2350 ³⁸⁷ / 2351 ³⁸⁸ / 2352 ³⁸⁹ / 2353 ³⁹⁰ / 2354 ³⁹¹ / 2355 ³⁹² / 2356 ³⁹³ / 2357 ³⁹⁴ / 2358 ³⁹⁵ / 2359 ³⁹⁶ / 2360 ³⁹⁷ / 2361 ³⁹⁸ / 2362 ³⁹⁹ / 2363 ⁴⁰⁰ / 2364 ⁴⁰¹ / 2365 ⁴⁰² / 2366 ⁴⁰³ / 2367 ⁴⁰⁴ / 2368 ⁴⁰⁵ / 2369 ⁴⁰⁶ / 2370 ⁴⁰⁷ / 2371 ⁴⁰⁸ / 2372 ⁴⁰⁹ / 2373 ⁴¹⁰ / 2374 ⁴¹¹ / 2375 ⁴¹² / 2376 ⁴¹³ / 2377 ⁴¹⁴ / 2378 ⁴¹⁵ / 2379 ⁴¹⁶ / 2380 ⁴¹⁷ / 2381 ⁴¹⁸ / 2382 ⁴¹⁹ / 2383 ⁴²⁰ / 2384 ⁴²¹ / 2385 ⁴²² / 2386 ⁴²³ / 2387 ⁴²⁴ / 2388 ⁴²⁵ / 2389 ⁴²⁶ / 2390 ⁴²⁷ / 2391 ⁴²⁸ / 2392 ⁴²⁹ / 2393 ⁴³⁰ / 2394 ⁴³¹ / 2395 ⁴³² / 2396 ⁴³³ / 2397 ⁴³⁴ / 2398 ⁴³⁵ / 2399 ⁴³⁶ / 2400 ⁴³⁷ / 2401 ⁴³⁸ / 2402 ⁴³⁹ / 2403 ⁴⁴⁰ / 2404 ⁴⁴¹ / 2405 ⁴⁴² / 2406 ⁴⁴³ / 2407 ⁴⁴⁴ / 2408 ⁴⁴⁵ / 2409 ⁴⁴⁶ / 2410 ⁴⁴⁷ / 2411 ⁴⁴⁸ / 2412 ⁴⁴⁹ / 2413 ⁴⁵⁰ / 2414 ⁴⁵¹ / 2415 ⁴⁵² / 2416 ⁴⁵³ / 2417 ⁴⁵⁴ / 2418 ⁴⁵⁵ / 2419 ⁴⁵⁶ / 2420 ⁴⁵⁷ / 2421 ⁴⁵⁸ / 2422 ⁴⁵⁹ / 2423 ⁴⁶⁰ / 2424 ⁴⁶¹ / 2425 ⁴⁶² / 2426 ⁴⁶³ / 2427 ⁴⁶⁴ / 2428 ⁴⁶⁵ / 2429 ⁴⁶⁶ / 2430 ⁴⁶⁷ / 2431 ⁴⁶⁸ / 2432 ⁴⁶⁹ / 2433 ⁴⁷⁰ / 2434 ⁴⁷¹ / 2435 ⁴⁷² / 2436 ⁴⁷³ / 2437 ⁴⁷⁴ / 2438 ⁴⁷⁵ / 2439 ⁴⁷⁶ / 2440 ⁴⁷⁷ / 2441 ⁴⁷⁸ / 2442 ⁴⁷⁹ / 2443 ⁴⁸⁰ / 2444 ⁴⁸¹ / 2445 ⁴⁸² / 2446 ⁴⁸³ / 2447 ⁴⁸⁴ / 2448 ⁴⁸⁵ / 2449 ⁴⁸⁶ / 2450 ⁴⁸⁷ / 2451 ⁴⁸⁸ / 2452 ⁴⁸⁹ / 2453 ⁴⁹⁰ / 2454 ⁴⁹¹ / 2455 ⁴⁹² / 2456 ⁴⁹³ / 2457 ⁴⁹⁴ / 2458 ⁴⁹⁵ / 2459 ⁴⁹⁶ / 2460 ⁴⁹⁷ / 2461 ⁴⁹⁸ / 2462 ⁴⁹⁹ / 2463 ⁵⁰⁰ / 2464 ⁵⁰¹ / 2465 ⁵⁰² / 2466 ⁵⁰³ / 2467 ⁵⁰⁴ / 2468 ⁵⁰⁵ / 2469 ⁵⁰⁶ / 2470 ⁵⁰⁷ / 2471 ⁵⁰⁸ / 2472 ⁵⁰⁹ / 2473 ⁵¹⁰ / 2474 ⁵¹¹ / 2475 ⁵¹² / 2476 ⁵¹³ / 2477 ⁵¹⁴ / 2478 ⁵¹⁵ / 2479 ⁵¹⁶ / 2480 ⁵¹⁷ / 2481 ⁵¹⁸ / 2482 ⁵¹⁹ / 2483 ⁵²⁰ / 2484 ⁵²¹ / 2485 ⁵²² / 2486 ⁵²³ / 2487 ⁵²⁴ / 2488 ⁵²⁵ / 2489 ⁵²⁶ / 2490 ⁵²⁷ / 2491 ⁵²⁸ / 2492 ⁵²⁹ / 2493 ⁵³⁰ / 2494 ⁵³¹ / 2495 ⁵³² / 2496 ⁵³³ / 2497 ⁵³⁴ / 2498 ⁵³⁵ / 2499 ⁵³⁶ / 2500 ⁵³⁷ / 2501 ⁵³⁸ / 2502 ⁵³⁹ / 2503 ⁵⁴⁰ / 2504 ⁵⁴¹ / 2505 ⁵⁴² / 2506 ⁵⁴³ / 2507 ⁵⁴⁴ / 2508 ⁵⁴⁵ / 2509 ⁵⁴⁶ / 2510 ⁵⁴⁷ / 2511 ⁵⁴⁸ / 2512 ⁵⁴⁹ / 2513 ⁵⁵⁰ / 2514 ⁵⁵¹ / 2515 ⁵⁵² / 2516 ⁵⁵³ / 2517 ⁵⁵⁴ / 2518 ⁵⁵⁵ / 2519 ⁵⁵⁶ / 2520 ⁵⁵⁷ / 2521 ⁵⁵⁸ / 2522 ⁵⁵⁹ / 2523 ⁵⁶⁰ / 2524 ⁵⁶¹ / 2525 ⁵⁶² / 2526 ⁵⁶³ / 2527 ⁵⁶⁴ / 2528 ⁵⁶⁵ / 2529 ⁵⁶⁶ / 2530 ⁵⁶⁷ / 2531 ⁵⁶⁸ / 2532 ⁵⁶⁹ / 2533 ⁵⁷⁰ / 2534 ⁵⁷¹ / 2535 ⁵⁷² / 2536 ⁵⁷³ / 2537 ⁵⁷⁴ / 2538 ⁵⁷⁵ / 2539 ⁵⁷⁶ / 2540 ⁵⁷⁷ / 2541 ⁵⁷⁸ / 2542 ⁵⁷⁹ / 2543 ⁵⁸⁰ / 2544 ⁵⁸¹ / 2545 ⁵⁸² / 2546 ⁵⁸³ / 2547 ⁵⁸⁴ / 2548 ⁵⁸⁵ / 2549 ⁵⁸⁶ / 2550 ⁵⁸⁷ / 2551 ⁵⁸⁸ / 2552 ⁵⁸⁹ / 2553 ⁵⁹⁰ / 2554 ⁵⁹¹ / 2555 ⁵⁹² / 2556 ⁵⁹³ / 2557 ⁵⁹⁴ / 2558 ⁵⁹⁵ / 2559 ⁵⁹⁶ / 2560 ⁵⁹⁷ / 2561 ⁵⁹⁸ / 2562 ⁵⁹⁹ / 2563 ⁶⁰⁰ / 2564 ⁶⁰¹ / 2565 ⁶⁰² / 2566 ⁶⁰³ / 2567 ⁶⁰⁴ / 2568 ⁶⁰⁵ / 2569 ⁶⁰⁶ / 2570 ⁶⁰⁷ / 2571 ⁶⁰⁸ / 2572 ⁶⁰⁹ / 2573 ⁶¹⁰ / 2574 ⁶¹¹ / 2575 ⁶¹² / 2576 ⁶¹³ / 2577 ⁶¹⁴ / 2578 ⁶¹⁵ / 2579 ⁶¹⁶ / 2580 ⁶¹⁷ / 2581 ⁶¹⁸ / 2582 ⁶¹⁹ / 2583 ⁶²⁰ / 2584 ⁶²¹ / 2585 ⁶²² / 2586 ⁶²³ / 2587 ⁶²⁴ / 2588 ⁶²⁵ / 2589 ⁶²⁶ / 2590 ⁶²⁷ / 2591 ⁶²⁸ / 2592 ⁶²⁹ / 2593 ⁶³⁰ / 2594 ⁶³¹ / 2595 ⁶³² / 2596 ⁶³³ / 2597 ⁶³⁴ / 2598 ⁶³⁵ / 2599 ⁶³⁶ / 2600 ⁶³⁷ / 2601 ⁶³⁸ / 2602 ⁶³⁹ / 2603 ⁶⁴⁰ / 2604 ⁶⁴¹ / 2605 ⁶⁴² / 2606 ⁶⁴³ / 2607 ⁶⁴⁴ / 2608 ⁶⁴⁵ / 2609 ⁶⁴⁶ / 2610 ⁶⁴⁷ / 2611 ⁶⁴⁸ / 2612 ⁶⁴⁹ / 2613 ⁶⁵⁰ / 2614 ⁶⁵¹ / 2615 ⁶⁵² / 2616 ⁶⁵³ / 2617 ⁶⁵⁴ / 2618 ⁶⁵⁵ / 2619 ⁶⁵⁶ / 2620 ⁶⁵⁷ / 2621 ⁶⁵⁸ / 2622 ⁶⁵⁹ / 2623 ⁶⁶⁰ / 2624 ⁶⁶¹ / 2625 ⁶⁶² / 2626 ⁶⁶³ / 2627 ⁶⁶⁴ / 2628 ⁶⁶⁵ / 2629 ⁶⁶⁶ / 2630 ⁶⁶⁷ / 2631 ⁶⁶⁸ / 2632 ⁶⁶⁹ / 2633 ⁶⁷⁰ / 2634 ⁶⁷¹ / 2635 ⁶⁷² / 2636 ⁶⁷³ / 2637 ⁶⁷⁴ / 2638 ⁶⁷⁵ / 2639 ⁶⁷⁶ / 2640 ⁶⁷⁷ / 2641 ⁶⁷⁸ / 2642 ⁶⁷⁹ / 2643 ⁶⁸⁰ / 2644 ⁶⁸¹ / 2645 ⁶⁸² / 2646 ⁶⁸³ / 2647 ⁶⁸⁴ / 2648 ⁶⁸⁵ / 2649 ⁶⁸⁶ / 2650 ⁶⁸⁷ / 2651 ⁶⁸⁸ / 2652 ⁶⁸⁹ / 2653 ⁶⁹⁰ / 2654 ⁶⁹¹ / 2655 ⁶⁹² / 2656 ⁶⁹³ / 2657 ⁶⁹⁴ / 2658 ⁶⁹⁵ / 2659 ⁶⁹⁶ / 2660 ⁶⁹⁷ / 2661 ⁶⁹⁸ / 2662 ⁶⁹⁹ / 2663 ⁷⁰⁰ / 2664 ⁷⁰¹ / 2665 ⁷⁰² / 2666 ⁷⁰³ / 2667 ⁷⁰⁴ / 2668 ⁷⁰⁵ / 2669 ⁷⁰⁶ / 2670 ⁷⁰⁷ / 2671 ⁷⁰⁸ / 2672 ⁷⁰⁹ / 2673 ⁷¹⁰ / 2674 ⁷¹¹ / 2675 ⁷¹² / 2676 ⁷¹³ / 2677 ⁷¹⁴ / 2678 ⁷¹⁵ / 2679 ⁷¹⁶ / 2680 ⁷¹⁷ / 2681 ⁷¹⁸ / 2682 ⁷¹⁹ / 2683 ⁷²⁰ / 2684 ⁷²¹ / 2685 ⁷²² / 2686 ⁷²³ / 2687 ⁷²⁴ / 2688 ⁷²⁵ / 2689 ⁷²⁶ / 2690 ⁷²⁷ / 2691 ⁷²⁸ / 2692 ⁷²⁹ / 2693 ⁷³⁰ / 2694 ⁷³¹ / 2695 ⁷³² / 2696 ⁷³³ / 2697 ⁷³⁴ / 2698 ⁷³⁵ / 2699 ⁷³⁶ / 2700 ⁷³⁷ / 2701 ⁷³⁸ / 2702 ⁷³⁹ / 2703 ⁷⁴⁰ / 2704 ⁷⁴¹ / 2705 ⁷⁴² / 2706 ⁷⁴³ / 2707 ⁷⁴⁴ / 2708 ⁷⁴⁵ / 2709 ⁷⁴⁶ / 2710 ⁷⁴⁷ / 2711 ⁷⁴⁸ / 2712 ⁷⁴⁹ / 2713 ⁷⁵⁰ / 2714 ⁷⁵¹ / 2715 ⁷⁵² / 2716 ⁷⁵³ / 2717 ⁷⁵⁴ / 2718 ⁷⁵⁵ / 2719 ⁷⁵⁶ / 2720 ⁷⁵⁷ / 2721 ⁷⁵⁸ / 2722 ⁷⁵⁹ / 2723 ⁷⁶⁰ / 2724 ⁷⁶¹ / 2725 ⁷⁶² / 2726 ⁷⁶³ / 2727 ⁷⁶⁴ / 2728 ⁷⁶⁵ / 2729 ⁷⁶⁶ / 2730 ⁷⁶⁷ / 2731 ⁷⁶⁸ / 2732 ⁷⁶⁹ / 2733 ⁷⁷⁰ / 2734 ⁷⁷¹ / 2735 ⁷⁷² / 2736 ⁷⁷³ / 2737 ⁷⁷⁴ / 2738 ⁷⁷⁵ / 2739 ⁷⁷⁶ / 2740 ⁷⁷⁷ / 2741 ⁷⁷⁸ / 2742 ⁷⁷⁹ / 2743 ⁷⁸⁰ / 2744 ⁷⁸¹ / 2745 ⁷⁸² / 2746 ⁷⁸³ / 2747 ⁷⁸⁴ / 2748 ⁷⁸⁵ / 2749 ⁷⁸⁶ / 2750 ⁷⁸⁷ / 2751 ⁷⁸⁸ / 2752 ⁷⁸⁹ / 2753 ⁷⁹⁰ / 2754 ⁷⁹¹ / 2755 ⁷⁹² / 2756 ⁷⁹³ / 2757 ⁷⁹⁴ / 2758 ⁷⁹⁵ / 2759 ⁷⁹⁶ / 2760 ⁷⁹⁷ / 2761 ⁷⁹⁸ / 2762 ⁷⁹⁹ / 2763 ⁸⁰⁰ / 2764 ⁸⁰¹ / 2765 ⁸⁰² / 2766 ⁸⁰³ / 2767 ⁸⁰⁴ / 2768 ⁸⁰⁵ / 2769 ⁸⁰⁶ / 2770 ⁸⁰⁷ / 2771 ⁸⁰⁸ / 2772 ⁸⁰⁹ / 2773 ⁸¹⁰ / 2774 ⁸¹¹ / 2775 ⁸¹² / 2776 ⁸¹³										

TABLE 3: DISTRIBUTION SURVEY IN AFRICA
DATA SOUGHT IN ACCORDANCE WITH INTERNATIONAL RECOMMENDATIONS (CONT'D)

TATIONAL RECOMMENDATIONS	ETHIOPIA		GHANA		KENYA	NIGERIA	SOMALIA	SOUTHERN RHODESIA	U.A.R.	ZAMBIA
	1954 ^{1/}	1965 ^{2/}	1956 ^{3/4/}	1962 ^{5/6/}	1966 ^{7/}	1966	1966 ^{8/}	1962	1963/4 ^{3/}	1962
1.(a) NUMBER OF WORKING PROPRIETORS FOR ONE PERIOD (i) TOTAL (ii) SEX (iii) ADULT & YOUTH		X X		X	X	X	X X X	X ^{12/} X ^{12/}	X X	X ^{12/} X ^{12/}
(b) NUMBER OF UN-PAID FAMILY WORKERS FOR SAME PERIOD (i) TOTAL (ii) SEX (iii) ADULT & YOUTH		X X		X	X	X	X X X	X ^{12/} X ^{12/}		X ^{12/} X ^{12/}
(c) NUMBER OF EMPLOYEES SAME PERIOD (i) TOTAL (ii) SEX (iii) ADULT & YOUTH	X	X X		X X ^{11/}	X	X	X X X	X X	X	X
(d) NUMBER OF EMPLOYEES (i) Full time for same period (ii) Part time for same period (iii) For several periods				X		X ^{13/} X ^{13/15/}	X ^{14/} X ^{16/}	X X ^{17/}	X X	X ^{17/}

TABLE 3: DISTRIBUTION SURVEY IN AFRICA
DATA SOUGHT IN ACCORDANCE WITH INTERNATIONAL RECOMMENDATIONS (CONT'D)

GENERAL RECOMMENDATIONS	ETHIOPIA		G H A N A			KENYA	NIGERIA	SOMALIA	SOUTHERN RHODESIA	U.A.R.	ZAMBIA
	1954 ^{1/}	1965 ^{2/}	1956 ^{3/4/}	1962 ^{5/6/}	1966 ^{7/}	1960	1966	1966 ^{8/}	1962	1963/4 ^{3/}	1962
AND											
2. WAGES AND SALARIES PAID DURING INQUIRY YEAR											
(a) TOTAL			X			X	X		X	X	X
(b) FULL TIME EMPLOYEES							X ^{13/}		X		X
(c) PART TIME EMPLOYEES							X ^{13/}		X		X ^{17/}
3. WAGES & SALARIES PAID DURING SAME PERIOD AS IN 1(a)											
(a) TOTAL							X				
(b) FULL TIME EMPLOYEES							X ^{13/}				
(c) PART TIME EMPLOYEES							X ^{13/}				
1. EXPENDITURE ON FIXED ASSETS											
(a) Transport Equipment			X			X	X			X	
(i) NEW							X			X	
(ii) SECOND HAND							X			X	

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TABLE 3: DISTRIBUTION SURVEY IN AFRICA
DATA SOUGHT IN ACCORDANCE WITH INTERNATIONAL RECOMMENDATIONS (CONT'D)

	ETHIOPIA	GHANA			KENYA	NIGERIA	SOMALIA	SOUTHERN RHODESIA	U.A.R.	ZAMBIA
	1954 ^{1/}	1956 ^{3/4/}	1962 ^{5/6/}	1966 ^{7/}	1960	1966	1966 ^{8/}	1962	1963/4 ^{3/}	1962
1. (b) MACHINERY OTHER THAN TRANSPORT		X			X	X			X ^{18/}	
(i) NEW						X			X ^{18/}	
(ii) SECOND-HAND						X			X ^{18/}	
(c) OTHER GOODS & FIXTURES		19/							X	
(i) NEW									X	
(ii) SECOND-HAND									X	
(d) BUILDINGS		X			X	X			X ^{20/}	
(i) NEW						X			X ^{20/}	
(ii) SECOND-HAND						X			X ^{20/}	
(e) OTHER CONSTRUCTION		19/			X	X ^{21/}			X ^{20/}	
(f) LAND		19/			X	X			X	
2. SALES OF FIXED ASSETS										
(a) TRANSPORT EQUIPMENT		X			X	X			X	
(b) MACHINERY OTHER THAN TRANSPORT		X			X	X			X ^{18/}	
(c) OTHER GOODS & FIXTURES		19/			X ^{22/}				X	

TABLE 3: DISTRIBUTION SURVEY IN AFRICA
IN ACCORDANCE WITH INTERNATIONAL RECOMMENDATIONS (CONT'D)

DATA SOUGHT	ETHIOPIA		GHANA		KENYA	NIGERIA	SOMALIA	SOUTHERN RHODESIA	U.A.R.	ZAMBIA
	1954 ^{1/}	1965 ^{2/}	1956 ^{3/4/}	1962 ^{5/6/}	1966 ^{7/}	1966	1966 ^{8/}	1962	1963/4 ^{3/}	1962
1. RECOMMENDATIONS										
2. (a) BUILDING AND OTHER CONSTRUCTION						23/ X			X	
(e) LAND			19/ X			X			X	
a) AT BEGINNING OF INQUIRY YEAR			X			X		X	X	
b) AT END OF INQUIRY YEAR			X			X		X	X	
c) DATA BY COMMODITIES			X							
1. SALES OF GOODS AND SERVICES										
(a) TOTAL			X			X		X	X	X
(b) GOODS			X			X		X	X	X
(c) SERVICES			X			X		X	X	X
(i) TOTAL						X		X	X	X
(ii) BY KIND OF ACTIVITY						X		X	X	X

TABLE 3: DISTRIBUTION SURVEY IN AFRICA

[illegible]

TABLE 3: DISTRIBUTION IN AFRICA (CONTD)

FOOTNOTES

1/	Retail Trade in Addis Ababa only.	14/	Permanent Employees.
2/	Urban Surveys.	15/	Persons who normally work less than 35 hours per week.
3/	Wholesale and Retail Trade only.	16/	Casual Employees.
4/	Census of Enterprises	17/	Persons working less than 20 hours per week.
5/	Wholesale Trade, Retail Trade and Restaurants.	18/	Machinery and tools.
6/	Industrial Census	19/	Not shown separately. "Grouped with one item "other investments in fixed assets including work in progress.
7/	Wholesale Trade, Retail Trade, Restaurants and other Services.	20/	Grouped as one item Building and Construction.
8/	Mogadiscio only.	21/	Civil Engineering Works.
9/	Organised Establishments only	22/	Equipment only.
10/	In this Survey only "number of persons engaged who received no fixed salary" was sought. The number of employees is already known from annual labour enumeration returns.	23/	Buildings and Civil Engineering Works
11/	Only persons aged 16 years and over.	24/	For wholesale distributors and representatives only.
12/	Grouped as one item only, viz, "owners and members of owner's family not receiving a definite wage for their work in the business" and classified by sex, distinguishing between full and part time.	25/	In respect of goods not made on own premises.
13/	In respect of nationals only.	26/	As at beginning and end of trading year.