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ORIGINAL: ENGLISH

AN INVENTORY OF INDUSTRIAL STATISTICS:
UNIDO DATA BASE, 1988*

Prepared by the
Industrial Statistics and
Quantitative Analysis Section
Industrial Policies and Perspectives Division

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Explanatory Notes

The attached print-outs are an inventory of industrial statistics available in the UNIDO data base (UDB), covering the period 1965 to 1986.^{1/} The UDB was created and is maintained by the Industrial Statistics and Quantitative Analysis Section (STAT), Industrial Policies and Perspectives Division. This inventory has been designed for the convenience of users who wish to evaluate quickly the general condition of the data for many applications. Comments and suggestions for its improvement will be greatly appreciated.

For all tables based on the industrial statistics file of the UDB, the following source note is suggested:

"Source: UNIDO data base; information supplied by the Statistical Office of the United Nations, with estimates by the UNIDO secretariat."

A description of the format of the inventory, a general definition of the variables included, and a key to table numbers and symbols used, are provided below. These notes refer specifically to the inventory, and therefore special characteristics of the data are described only where it would be necessary for correct interpretation of the print-outs. Users requiring detailed information on the contents of the industrial statistics data base should contact STAT.

A. Format. Each page summarizes the status of the industrial data for one country. The page is divided into six panels, each showing the availability of statistics concerning the six most commonly used variables (employment, wages and salaries, gross output, value added, gross fixed capital formation and the production indexes) at the 3-digit (branch) level of the International Standard Industrial Classification^{2/} (ISIC). A column vector shows available data for one year, all ISIC branches and a row vector shows the available time-series for one ISIC branch. Wherever data are available, either an asterisk or a 'C' is placed in the appropriate cell - an asterisk to denote that the data refer only to a single ISIC branch, and a 'C' to denote that data for the branch are combined with data for one or more other branches.^{3/}

Details on the ISIC location of available data are also supplemented by an indicator of the relative importance of those ISIC branches to which available data refer. Just above the year headings on the panels, a plus sign

1/ The years 1963 and 1964 were omitted from the print-outs due to lack of space.

2/ International Standard Industrial Classification of All Economic Activities (ST/STAT/SER.M/4 Rev.2), United Nations, 1968.

3/ Within this format, it is not possible to distinguish which of the ISIC branches are combined. However, details on the ISIC composition of each item of data can be supplied, on request. ISIC combinations are also identified in the data base by means of a letter code, and a key to these combination codes is available on request.

(+) appears wherever the sum of the 1980 base weights^{1/} corresponding to ISIC branches covered by data exceeds 80 per cent of all the 1980 base weights within the manufacturing sector.

Under the six panels is a summary, by year, of the number of ISIC 3-digit branches (out of a possible 28) that are covered by data for each of the six variables in the industrial statistics file.^{2/}

B. Definition of variables. Although the data generally conform to the international definitions as recommended by the United Nations,^{3/} the UDB statistical series for tables 04, 14 and 20 require additional explanation. For each of these tables, the international recommendations recognize alternative definitions, and differences in definition will be reflected numerically in the data. At the same time, the primary purpose for developing the UDB series inventoried here was to store, at a single, machine-readable location, the greatest possible country coverage for each variable at the 3-digit level of ISIC, over the longest possible period of time. In order to achieve this end, certain concessions have had to be made regarding definitional differences, with the result that for the four consolidated tables mentioned above, the data may be mixed.

Consolidation produces some degree of incomparability in the data across countries, but this could be viewed as but one source of data incomparability. A more serious one concerns differences in country practices regarding variations in the coverage of establishments (often the exclusion of small establishments) in industrial inquiries on which the data are based. However, occasionally consolidation also results in incomparability of the data within an individual country over time, and this may present more serious problems for some applications of the data set.^{4/}

The main features of the consolidation process are as follows:

For table 04, employment, the preferred indicator is the average number of employees, although the number of persons engaged is accepted if it is the only series available. However, if both series are available for some years, selection of one or the other definition is guided by the criterion that consistency of the definition through time is more important than entering

1/ The base weights, i.e. value added, 1980, in U.S. dollars, at the 3-digit (branch) level of ISIC, are regarded as the best available indicator of the significance of a particular branch of industrial activity within a country's manufacturing sector.

2/ Actually, the industrial statistics file in the UDB contains 14 data fields, although only six belong to the "consolidated" subset covered by this inventory. For further discussion of this point, see section B, "Definition of variables".

3/ International Recommendations for Industrial Statistics (ST/STAT/SER.M/48), United Nations, 1968.

4/ Users engaged in analyses for which the numerical effects of this mixing would present a serious limitation on the data's utility are advised that unconsolidated series are also available in the UDB, but of course with more limited time depth and country coverage. For further information, please consult STAT.

data on the number of employees everywhere possible. For this reason, data on the number of persons engaged has sometimes been selected for the consolidated table.

For tables 14 and 20, the variation in definition relates to the valuation of gross output and value added. The coding system of the UDB distinguishes between two commonly used valuation concepts, producers' prices and factor values. Either valuation is accepted,^{1/} and as in the case of the employment data, the main criterion for selecting one or the other (when there is a choice) is to assure maximum consistency of the valuation concept within a country, both between variables and through time.

An overview of the country data for each of the four consolidated tables affected by differences in definition is provided in the appendix.

Key to Table Numbers and Symbols Used

Tables:

- 04 = Employment (average number of employees or persons engaged).
- 05 = Wages and salaries paid to employees, in current national currency.
- 14 = Gross output in current national currency (valuation at factor values or producers' values or unknown).
- 20 = Value added in current national currency (valuation at factor values or producers' values or unknown).
- 21 = Gross fixed capital formation in current national currency.
- 51 = Index numbers of industrial production, 1980 = 100.

Symbols:

- blank = Data are not available.
- * = Data available at the 3-digit (branch) level of ISIC.
- C = Data covering this ISIC branch are available but are combined with data for one or more other branches.
- + = 1980 base weight coverage of country data for this table and year exceeds 80 per cent of the base weights for all manufacturing industries.

^{1/} In cases where the valuation is unknown, the data are also accepted in the consolidation process.

Dissemination of UNIDO's Industrial Statistics Data Base

Since 1984, UNIDO has been making available to researchers outside the United Nations system its data base of industrial statistics. The data is sold on magnetic tape. The standard price of the tape (containing the entire data base) for secondary disseminators, e.g. commercial firms, is US\$ 2,000.^{1/} For universities, research institutions, government agencies, etc. a reduced price of US\$ 500^{1/} is applied. Diskettes (5 1/4 inch for IBM PC or compatible) containing subsets of the data base can also be provided at a price of \$140 per diskette for secondary disseminators and \$35 for universities, research institutions and government agencies. Special prices will be quoted for buyers of more subsets. A new version of the tape (at the same price as listed above) is produced annually and includes updates, revisions and additional data.

All buyers, except secondary disseminators, are enjoined from transferring copies of this tape to users outside their respective institution or firm. Payment should be made in advance through bank draft or cheque in favour of UNIDO, or through a direct bank deposit to UNIDO, Creditanstalt Bankverein US dollar account no. 29-05115. Payments should be forwarded to the Industrial Statistics and Quantitative Analysis Section, UNIDO, Box 300, A-1400 Vienna, Austria. Purpose of payment and account code number UN 552-02-04 should be indicated.

The following is a brief description of the data base. More detailed information can be found in the document UNIDO Data Base: Primary Sources and Data Base Design, available on request.

Objectives and Purpose: In the development of the data base, which was set up in 1979 to meet the needs of economists and other researchers in UNIDO, first priority was to meet requirements arising in connection with multinational, or cross-country, studies. Thus, much of the work has been to develop a set of data which is comparable and consistent, both between countries and over time. Statisticians have given particular attention to the need to reconcile differences in national statistical practices such as different classifications and definitions employed and variations in the scope and coverage of the data.

The methods used and the extent to which comparability and consistency have been achieved to date are documented in a UNIDO publication.^{2/}

Sources of Information: Four major sources have been used in compiling and cleaning the data contained in the UNIDO data base. First, data on industry reported in country questionnaires are incorporated. The second major source

^{1/} Plus mailing costs as follows: Europe \$28, U.S.A. and Canada \$40, all other destinations \$54.

^{2/} "Industrial Statistics for Research Purposes - Methodology Applied in Compiling UNIDO's International Data on the Number of Employees, Wages and Salaries, Gross Output and Value Added" (UNIDO/IS.558).

of information is national publications - industrial censuses, annual surveys and input-output tables. Over 1,000 such publications have been collected by UNIDO during the course of the project. Third, international sources, both published and unpublished, have been used. Finally, a fourth source has been national data compiled by statisticians engaged by UNIL to work in specific countries.

Updating and Maintenance of the Data Base: The Industrial Statistics and Quantitative Analysis Section maintains and updates the data annually as part of its responsibility to service UNIDO users. Future tapes will include data for an additional year as well as revisions, corrections and extensions in coverage which may include observations for earlier years dating back as far as 1963.

Tape Characteristics: Tapes will use blocked fixed-length record format, one record per ISIC. Users may, however, specify a maximum block size and choose from the following physical characteristics:

Labels = No label/IBM OS Standard
Code = EBCDIC/ASCII
Density = 1600/6250 BPI 9 tracks

A description of data items on the tape is available upon request.

TABLE 04 EMPLOYMENT

TABLE 05 WAGES AND SALARIES

TABLE 14 GROSS OUTPUT

YEAR	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
1970	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

TABLE 20 VALUE ADDED

TABLE 21 GROSS FIXED CAPITAL FORMATION

TABLE 22 GROSS FIXED CAPITAL FORMATION

TABLE 23 GROSS FIXED CAPITAL FORMATION

TABLE 24 GROSS FIXED CAPITAL FORMATION

YEAR	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
1970	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

TOTALS

YEAR	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50						
04	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28		
14	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
20	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
21	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
51	27	27	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28

11 10 9

TABLE 04 EMPLOYMENT

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 05 WAGES AND SALARIES

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 14 GROSS OUTPUT

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 20 VALUE ADDED

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 21 GROSS FIXED CAPITAL FORMATION

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 81 PRODUCTION INDICES

Table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TOTALS

Summary table with 152 columns (years 1970-1990) and 1 row of data. Values are mostly 0, with some 1s and 2s in the early 1970s.

TABLE 04 EMPLOYMENT

TABLE 05 WAGES AND SALARIES

TABLE 14 GROSS OUTPUT

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
11/2
12/2
13/2

TABLE 20 VALUE ADDED

TABLE 21 GROSS FIXED CAPITAL FORMATION

TABLE 81 PRODUCTION INDEXES

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
11/2
12/2
13/2

TOTALS

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
04
05
10
20

TABLE 04 EMPLOYMENT

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 05 WAGES AND SALARIES

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 14 GROSS OUTPUT

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 20 VALUE ADDED

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 21 GROSS FIXED CAPITAL FORMATION

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 51 PRODUCTION INDICES

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TOTALS

YEAR	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	507890	513450	517770	523450	529890	536780	544120	551980	560340	569210	578590	588480
11/2												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
11/2												

TABLE 04 EMPLOYMENT

TABLE 05 WAGES AND SALARIES

TABLE 14 GROSS OUTPUT

YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025					
ISIC	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

TABLE 20 VALUE ADDED

TABLE 21 GROSS FIXED CAPITAL FORMATION

TABLE 51 PRODUCTION INDEXES

YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025					
ISIC	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

TOTALS

YEAR	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025					
TABLE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

TABLE 04 EMPLOYMENT

TABLE 05 WAGES AND SALARIES

TABLE 14 GROSS OUTPUT

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
1970	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125
1971	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138
1972	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151
1973	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164
1974	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177
1975	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190
1976	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203
1977	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216
1978	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229
1979	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242
1980	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255
1981	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268
1982	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281
1983	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294
1984	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307
1985	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320
1986	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333
1987	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346
1988	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359
1989	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372
1990	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385
1991	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398
1992	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411
1993	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424
1994	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437
1995	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450
1996	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463
1997	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476
1998	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489
1999	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502
2000	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515
2001	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528
2002	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541
2003	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554
2004	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567
2005	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580
2006	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593
2007	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606
2008	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619
2009	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632
2010	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645
2011	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658
2012	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671
2013	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684
2014	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697
2015	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710
2016	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723
2017	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736
2018	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749
2019	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762
2020	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775
2021	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788
2022	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801
2023	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814
2024	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827
2025	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
2026	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853
2027	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866
2028	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
2029	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892
2030	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
2031	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918
2032	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
2033	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
2034	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
2035	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
2036	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
2037	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
2038	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2039	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2040	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
2041	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
2042	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061
2043	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
2044	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087
2045	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
2046	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113
2047	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126
2048	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139
2049	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152
2050	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165
2051	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178

TABLE 04 EMPLOYMENT

TABLE 05 WAGES AND SALARIES

TABLE 14 GROSS OUTPUT

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	
1970	11/2																					
1971																						
1972																						
1973																						
1974																						
1975																						
1976																						
1977																						
1978																						
1979																						
1980																						
1981																						
1982																						
1983																						
1984																						
1985																						
1986																						
1987																						
1988																						
1989																						
1990																						

TABLE 20 VALUE ADDED

TABLE 21 GROSS FIXED CAPITAL FORMATION

TABLE 51 PRODUCTION INDEXES

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	
1970	11/2																					
1971																						
1972																						
1973																						
1974																						
1975																						
1976																						
1977																						
1978																						
1979																						
1980																						
1981																						
1982																						
1983																						
1984																						
1985																						
1986																						
1987																						
1988																						
1989																						
1990																						

TOTALS

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	
1970	11/2																					
1971																						
1972																						
1973																						
1974																						
1975																						
1976																						
1977																						
1978																						
1979																						
1980																						
1981																						
1982																						
1983																						
1984																						
1985																						
1986																						
1987																						
1988																						
1989																						
1990																						

TABLE 04 EMPLOYMENT

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890
111/2																			
111																			
112																			
113																			
114																			
115																			
116																			
117																			
118																			
119																			
120																			
121																			
122																			
123																			
124																			
125																			
126																			
127																			
128																			
129																			
130																			

TABLE 05 WAGES AND SALARIES

TABLE 21 GROSS FIXED CAPITAL FORMATION

TABLE 20 VALUE ADDED

TABLE 14 GROSS OUTPUT

TABLE 51 PRODUCTION INDICES

TOTALS

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890
111/2																			
111																			
112																			
113																			
114																			
115																			
116																			
117																			
118																			
119																			
120																			
121																			
122																			
123																			
124																			
125																			
126																			
127																			
128																			
129																			
130																			

TOTALS

YEAR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
151C	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890	587890
111/2																			
111																			
112																			
113																			
114																			
115																			
116																			
117																			
118																			
119																			
120																			
121																			
122																			
123																			
124																			
125																			
126																			
127																			
128																			
129																			
130																			

TOTALS

APPENDIX

DEFINITION* OF VARIABLES FOR WHICH DATA ARE STORED IN THE CONSOLIDATED FIELDS

COUNTRY	CONSOLIDATED TABLE NUMBER			COUNTRY	CONSOLIDATED TABLE NUMBER		
	<u>4</u>	<u>14</u>	<u>20</u>		<u>4</u>	<u>14</u>	<u>20</u>
Afghanistan	04	14		Denmark	04	12	18
Algeria	04	13	19	Dominican Republic	04	13 _b /	19
Angola	03			Ecuador	04	13 _b /	19 _b /
Argentina	04	14	20	Egypt	04	12	19
Australia	04	12	18	El Salvador	03	14	19
Austria	04	13	19	Equatorial Guinea	04	14	
Bahamas	04	13	19	Ethiopia	03 _c /	13	19
Bangladesh	04	13	19	Fiji	04	13	19
Barbados	03	13	19	Finland	04	12	18
Belgium	04	12	18	France	04	13	19
Belize		14	18 _b /	Gabon	03 _c /	14	19 _b /d/
Benin	04	13	19	Gambia	04	13	19
Bolivia	03	14	20	German Dem. Rep.	04	14	
Botswana	04	12	18	Germany, Fed. Rep.	04 _a /	13	19
Brazil	03	13	19	Ghana	03	13	19
Bulgaria	04			Greece	04	12	18
Burkina Faso	04	12	18	Guatemala	04 _a /	13	19
Burma	03	13	20	Guyana	04		18
Burundi	04	14	20 _e /	Haiti	04		
Cameroon	04	13	19	Honduras	03	13	19
Canada	04	13 _d /	19 _d /	Hong Kong	03 _c /	13	19 _d /
Cape Verde	03			Hungary	04	14	20
Central African Rep.	04	12	18	Iceland	03	13	19 _d /
Chad		13	19	India	03	12	18
Chile	04	13	19	Indonesia	04	13	18
China	04	14	20	Iran	04	13 _b /	19 _b /d/
Colombia	04	13 _b /	19 _b /	Iraq	04 _a /	12	18
Congo	04 _a /	13	19	Ireland	04 _a /	12	18
Costa Rica	04 _a /	13	19	Israel	04	13	19
Côte d'Ivoire	04	13	19	Italy	04	14	20
Cuba	04	13	20	Jamaica	04	12	19 _d /
Cyprus	04	13 _b /	19 _b /	Japan	04	14	20
Czechoslovakia	04	14	20	Jordan	04	13	19 _d /
Democratic Kampuchea	03	13	19	Kenya	03	12	18
Democratic Yemen	03	13					

* For footnotes and key to codes, see end of table.

(continued)

DEFINITION* OF VARIABLES FOR WHICH DATA ARE STORED IN THE CONSOLIDATED FIELDS
(continued)

COUNTRY	CONSOLIDATED TABLE NUMBER			COUNTRY	CONSOLIDATED TABLE NUMBER		
	4	14	20		4	14	20
Korea, Rep.of	04a/	13	19	Philippines	04a/	13	19
Kuwait	03c/	13	19	Poland	04a/	14	20
Lao P.D.R.	03			Portugal	04	13	19
Lebanon	03		18	Puerto Rico	04	14	20
Lesotho	04	13	19	Romania	04		
Liberia	03	13		Rwanda	04a/	13	19
Libyan Arab Jamahiriya	04	13	19	Samoa	03	12	18
Luxembourg	04	12	18	Saudi Arabia	04	13	19
Macau	04	13	19	Senegal	04	13	19d/
Madagascar	04	13	19	Seychelles	04	14	20
Malawi	04a/	12	18	Sierra Leone	03	13	19
Malaysia	04	12	18	Singapore	04	12	18
Mali	04	14	20	Solomon Islands	04		
Malta	04	13	18e/	Somalia	04	13	19
Mauritania	04	14	20	South Africa	03c/	12b/	18
Mauritius	03	13	19	Spain	04	12	18
Mexico	03	14	20	Sri Lanka	04	12b/	18b/
Mongolia	04	14		Sudan	04	13	18
Morocco	04	14	18b/	Suriname	03	12	
Mozambique	04	14	20	Swaziland	03c/	13d/	19d/
Nepal	04	13	19	Sweden	04	12	18
Netherlands	04	12	18	Switzerland	03		18
Netherlands Antilles	04			Syrian Arab Rep.	03	13	19
New Zealand	04	14	19	Thailand	04	13	19
Nicaragua	04	13	19	Togo	04a/	13	19
Niger	03	14	20	Tonga	04	13	19
Nigeria	04	13	19	Trinidad and Tobago	04	14	20
Norway	04	14	20	Tunisia	04	13	19
Oman	04	13	19	Turkey	04a/	13	19
Pakistan	04	13	19	Uganda	03	12	18
Panama	04	13	19	USSR	04	14	
Papua New Guinea	04	12	18	United Arab Emirates	03	13	19
Paraguay	04	14	19	United Kingdom	04	12	18
Peru	03	13	19	U. Rep. Tanzania	04	12	18
				United States	04	14	18

* For footnotes and key to codes, see end of table.

(continued)

DEFINITION* OF VARIABLES FOR WHICH DATA ARE STORED IN THE CONSOLIDATED FIELDS
(continued)

COUNTRY	CONSOLIDATED TABLE NUMBER			COUNTRY	CONSOLIDATED TABLE NUMBER		
	4	14	20		4	14	20
Uruguay	04 _a /	14	20	Zaire	04 _a /	14	20
Venezuela	03	13	19	Zambia	04	13	19
Yemen	04	12	18	Zimbabwe	04	12	18
Yugoslavia	03	14	20				

- a/ Average number of persons engaged for one or more years.
- b/ Valuation unknown for one or more years.
- c/ Average number of employees for one or more years.
- d/ Valuation at factor values for one or more years.
- e/ Valuation at producer's values for one or more years.

Key to the codes shown in the table are as follows:

- 03 Average number of persons engaged.
- 04 Average number of employees.
- 12 Gross output in factor values.
- 13 Gross output in producers' values.
- 14 Gross output, valuation unknown.
- 18 Value added in factor values.
- 19 Value added in producers' values.
- 20 Value added, valuation unknown.