ANNA LEE



# DATA ON URBAN AND RURAL POPULATION IN RECENT CENSUSES

UNITED NATIONS

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Department of Social Affairs Population Division Department of Economic Affairs
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#### FOREWORD

The Economic and Social Council, at its fourth session, adopted a resolution requesting the Secretary-General of the United Nations to offer advice and assistance to Member States, with a view to improving the comparability and quality of data to be obtained in the censuses of 1950 and proximate years (resolution 41 (IV), 29 March 1947).

As part of the implementation of this resolution, a series of studies has been prepared on the methods of obtaining and presenting information in population censuses on the size and characteristics of the population. These studies have been collected in *Population Census Methods* (ST/SOA/Series A, Population Studies, No. 4). In addition, a separate report has been issued, entitled *Fertility Data in Recent Censuses* (ST/SOA/Series A, Population Studies, No. 6).

Chapter XVI of *Population Census Methods*, which deals with urban and rural population, is limited to a brief statement of the main types of classifications which can be made, and of the recommendations on this subject recently adopted by international agencies. The present report contains a greatly amplified discussion of the possible types of classifications as well as a survey of the methods of defining and tabulating urban and rural population used in recent censuses.

The report was prepared by the Food and Agriculture Organization of the United Nations in collaboration with the Population Division and the Statistical Office of the United Nations.

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#### I. INTRODUCTION

#### 1. Uses of urban-rural statistics

Census statistics of the urban and rural population have a variety of important uses. The process of urbanization has long been recognized as a concomitant of social and economic development, but the precise inter-relations have never been thoroughly understood and the demographic implications have not been fully analysed. It is desirable, therefore, to follow the process of urbanization in the various countries and to relate it with (1) economic indices that reflect the progress of industrial development in terms of increases in production, trade, national income, etc., (2) indices of social and political change in such fields as education, health, standards of living, political participation and governmental organization, and (3) demographic trends as indicated by rates of population growth, family characteristics, mobility of the population, age structure, size and composition of the economically active population, and the like. The results of such studies should be a valuable guide to planning economic and social development on an international as well as a national scale.

A second large area of application of these data is in the comparison of the conditions and characteristics of urban and rural people with respect to patterns of fertility, mortality, age and sex composition, housing, sanitation, levels of living, etc. Such studies are helpful in determining the particular problems of urban and rural areas and, beyond these, in understanding the role or function of cities in society and in exploring the possibilities of controlling their growth and planning their development.

Another use of the data is in connexion with the implementation of specific projects or programmes such as those undertaken by the United Nations and the specialized agencies. For example, the Food and Agriculture Organization of the United Nations is especially concerned with the problems and welfare of rural people. Census statistics on the rural population are essential to the furtherance of this work.

In order for analyses of the types just described to be most conclusive in their findings, it is essential that census statistics of urban and rural popu-

lation be as closely comparable as possible. This point is less important for the purpose of comparing the urban and rural components of the population than for comparing degrees or levels of urbanization in various countries or regions, or for comparing urban or rural characteristics in one area with those in another. The reason for this is that urban-rural comparisons, no matter how "urban" and "rural" are defined, are likely to be heavily weighted with the highly concentrated, clearly urban population on the one hand, and with the village, or dispersed and clearly rural population on the other hand, with the result that differences between urban characteristics and rural characteristics are bound to be reflected if not precisely measured in the statistics. However, when the urban or rural population is expressed as a proportion of the total population, differences in definition may have a rather profound effect.

The basic meaning of the terms "urban" and "rural" is fairly clear, the former referring to the city and the latter to the country or to areas outside the city. But actual patterns of settlement are much less clear-cut than the basic concepts imply. Furthermore, the terms themselves have taken on overtones and added meanings whereby they have come to refer to ways of life, cultural patterns, attitudes, value systems, etc. In this process of ideological transformation, the intangible aspects have tended to supersede the tangible as criteria of urban or rural attributes. The intangible aspects are of course quite real, but they are difficult to pin down in a census frame of reference, especially in view of the fact that all kinds of people live in both rural and urban areas.

It would seem advisable, therefore, to use a relatively objective criterion for identifying urban and rural areas in the census and to retain as nearly as may be the original meaning of "city" and "country". A proper unit of classification from this point of view is the agglomeration or cluster of population.

With any concept of urban and rural, there is no definite point, in the continuum from scattered dwellings or small clusters to the great metropolitan agglomerations, where the rural ends and the urban begins. The concepts are clear only as they apply to the two extremes of the continuum, i.e., to the most urban and the most rural. The distribution is not really a two-fold one in which one part of the population is wholly rural and the other wholly urban, but a graduated distribution along a continuum from the least urban to the most urban or from the most rural to the least rural. Consequently, the line that is drawn between urban and rural for statistical or census purposes is necessarily arbitrary.

These considerations do not invalidate the urban-rural classification, but rather point to the need for a more systematic classification in accordance with a definite criterion such as size of agglomeration (preferably a classification that allows for several size groups rather than only two) on the basis of which trends and differences of an urban-versus-rural character may be more carefully studied and more thoroughly understood.

#### 2. The problem of international comparability

Although the problem of differentiating between urban and rural population is theoretically a demographic one, concerned with the classification of people with respect to the size of the agglomerations in which they live, it has generally become (and necessarily perhaps) a matter of the classifi-

cation of the areas in which people live rather than of the people themselves. The two ideas are not, of course, unrelated since agglomerations occur in space and have to be identified in some kind of geographic terms. But as a result of a natural tendency to apply the classification as urban or rural to the territorial or administrative organization already in existence, practices with respect to urban and rural definition or classification are closely bound up with national, historical and political considerations, and a particular scheme of classification, once established, tends to become fixed and resistant to change. The population, on the other hand, changes constantly; agglomerations grow in size and multiply in number without much regard to traditional boundary lines.

There is, then, a wide variation among countries in the type of territorial and administrative organization that has developed, in the point in time at which an urban-rural classification was adopted, and in the rate at which urbanization has proceeded. In consequence, there is also a wide variation both in the definition of urban and rural population and in the degree to which the application of the official or generally accepted definition conforms to the original intention of distinguishing city people from rural people — or city areas from rural areas.

#### II. RECOMMENDATIONS OF INTERNATIONAL AGENCIES

The truly formidable difficulties in the way of developing standard methods of urban and rural classification have long been recognized, but because of the importance of these data, international organizations have concerned themselves with the problem.

#### 1. The International Statistical Institute

In 1938, the Congress of the International Statistical Institute adopted proposals for standard urban and rural classifications, in response to the request of the Health Section of the League of Nations. The main purpose of these proposals was to obtain data for use in computing internationally comparable vital rates for rural areas. The proposals submitted were as follows:

- "(1) The rural population is the total population of all the *communes* (or smallest administrative districts) designated as rural.
- "(2) The communes (or smallest administrative districts) should be divided, if possible, into categories according to the proportion of the total population of the commune that is agricultural population (i.e., all persons actively engaged in agricultural occupations and family members directly dependent upon them).

"Communes should be divided into at least three categories:

"Rural communes, more than 60 per cent;

"Mixed communes, 40 to 60 per cent;

"Urban communes, less than 40 per cent.

"The total population in each of these three categories should be obtainable. If more than three categories are distinguished, their limits should be such as to permit combination into the three categories indicated above.

- "(3) In countries where this classification cannot be made, *communes* should be classified according to the size of the principal nucleus (the most populous centre) of the *commune* and divided into two categories:
- "(a) Communes whose principal nuclei contain no more than 2,000 inhabitants;

"(b) Communes whose principal nuclei contain more than 2,000 inhabitants." 1

These proposals were adopted after deletion of the words "rural", "mixed" and "urban" in paragraph 2.

It will be noted that the Congress endorsed an occupational approach to the problem of urbanrural classification. Adoption of this approach would involve an abandonment of the attempt to obtain a direct measure of the patterns and degrees of population agglomeration and dispersion.

Subsequent actions taken by international organizations have indicated a disposition to separate the concept "agricultural" from the concept "rural", at least in so far as census operations are concerned, and to follow the principle of measuring the urban population directly in terms of the unit of urbanization, namely the city or the agglomeration. This does not mean that the relating of occupational data to urban-rural data is not an important type of analysis. Rather, it furnishes an independent source of information which can make the study of inter-relations more fruitful.

The alternative proposal of the Congress — the classification of administrative divisions according to the size of the largest populated centre in the division - presents rather serious problems of comparability. These are related primarily to variations in the size of the area, the organization, and the function of the smallest administrative divisions of the various countries. The commune in France, for example, is quite different from the minor civil division in the United States, the latter being, in many parts of the country, little more than a convenient device for keeping land and tax records and bearing no such consistent relation to community organization or patterns of settlement as appears to be the case in France and in many other countries.

#### 2. United Nations Population Commission

At its fourth session, in April 1949, the United Nations Population Commission made the follow-

<sup>&</sup>lt;sup>1</sup> Original text in French. See: Bunle, Henri. "Rapport de la Commission pour la Définition de la Population Rurale", Bulletin de l'Institut International de Statistique 30 (2): 158-163. 1938 (The Hague).

ing recommendations concerning urban-rural classification in censuses of population to be taken in or around 1950:

#### "Urban and rural population

"Because of the diversity of conditions affecting the classification of areas as urban and rural in various countries, it is not practicable at present to establish uniform definitions of urban and rural population for international use. It is desirable, however, that in each census provision be made for obtaining the aggregate population of all identifiable agglomerations or clusters of population, classified by size and other characteristics so that the results may be used as far as possible to improve the international comparability of existing data on this subject.

"It is therefore suggested that, for purpose of international comparisons, the following classification of the population by size of the agglomeration or cluster be tabulated, in addition to the tabulations normally made for urban and rural populations as defined in each country:

- "(a) Population in places of 500,000 or more inhabitants;
- "(b) Population in places of 100,000 to 500,000 inhabitants;
- "(c) Population in places of 25,000 to 100,000 inhabitants;
- "(d) Population in places of 10,000 to 25,000 inhabitants;
- "(e) Population in places of 5,000 to 10,000 inhabitants;
- "(f) Population in places of 2,000 to 5,000 inhabitants;
- "(g) Population in places of 1,000 to 2,000 inhabitants;
- "(h) Population in places of 500 to 1,000 inhabitants;
- "(i) Population in places of less than 500 inhabitants;
- "(j) Population not in identifiable agglomerations or clusters (if the whole population is not included in the above categories).

"It is also desirable that the number of places of each size group be tabulated.

"Since this distribution involves more classes than the usual urban-rural classification, the problem of tabulation by other characteristics is somewhat enlarged. In view of this fact, it may not be feasible to make extensive cross-tabulations. It is desirable, however, that the population in places of various size classes be tabulated for each sex, at least by age groups listed in paragraph 17. [Under 5 years, 10-year groups from 5 to 64 years, 65 years and over.] In this cross-tabulation, some of the categories in the above classification by size of place may have to be combined. In that case, however, it is desirable that at least the distinction between places of 10,000 or more and those with less than 10,000 inhabitants be maintained." <sup>2</sup>

At its fifth session, in May 1950, the Commission reconsidered its recommendations in regard to the size groups of agglomerations or clusters of population to be used in summary cross-tabulations in those cases in which an extensive classification by size of place would not be feasible. It proposed, in place of the originally suggested distinction between places of 10,000 or more and those with less than 10,000 inhabitants:

"(a) that population censuses include summary tabulations of the population classified as a minimum by sex and age (under 5, 10-year groups from 5 to 64 years, and 65 and over) for agglomerations or clusters of population living in built-up contiguous areas which, according to the definition adopted in each country, are considered as single localities or population centres. These summary tabulations would be made for such population agglomerations grouped by size, as follows:

"Under 2,000, together with the population not in identifiable agglomerations or clusters,

"2,000 and under 10,000,

"10,000 and over;

"(b) that the categories presented in such tabulations not be termed 'urban' or 'rural' for purposes of international comparability . . . "

In addition, the Commission called attention to the fact that the World Health Organization Regulations, no. 1, article 6, calls for the classification of mortality for certain urban-rural aggregates by sex and by age in the following groups as a minimum: under 1 year; 1-4 years; 5-14 years; 15-24 years; 25-44 years; 45-64 years; 65-74 years; 75 years and over.

It was suggested by the Commission that if population tabulations by age are to be used in conjunction with these mortality tabulations, the age group 65 and over in the former should be divided into 65-74 years and 75 years and over. <sup>3</sup>

<sup>&</sup>lt;sup>2</sup> Report of the fourth session of the Population Commission. United Nations document E/1313. Lake Success, 21 April 1949. Pages 38-39.

<sup>&</sup>lt;sup>3</sup> Report of the Population Commission (fifth session). United Nations document E/1711. Lake Success, 2 June 1950. Pages 13-14.

# 3. The Committee on the 1950 Census of the Americas

At its third session, in January 1950, this Committee made the following recommendations:

"Urban and rural population

"(a) Topic

"It is recommended that in each census, in addition to the information on urban and rural population needed for national purposes, measures be taken to obtain data on the population of all places or agglomerations of population which are identifiable by quantitive, socio-economic, and other objective criteria, whether or not such places would be urban according to the definitions of the particular country.

#### "(b) Tabulations

"It is recommended as a minimum tabulation that the population be presented according to size (number of inhabitants) of agglomeration.

"The population should be classified according to the size (number of inhabitants) of the agglomeration in at least the following categories: 500,000 or more inhabitants, 100,000-500,000, 25,000-100,000, 10,000-25,000, 5,000-10,000, 2,000-5,000, 1,000-2,000, 500-1,000, less than 500 inhabitants. If the entire population is not included in these categories, data should be presented also for the population not classified in agglomerations or identifiable settlements.

"The tabulations should show at least the number of places of each size and their population, classified by (1) sex, and (2) whether urban or rural according to the country's own definition. The definitions of urban and rural adopted in the census of each country should be stated in the census publications." <sup>4</sup>

It will be noted that the recommendations of both the Commission and the Committee refrain from attempting to establish a definitive or final dichotomy between urban and rural, but provide for the classification of agglomerations or clusters of population into a series of size groups which represent breaks along the continuum from scattered dwellings and small villages to large concentrations. This type of classification not only ensures comparability of the results, but is in keeping with the realities of the situation, which preclude a two-fold mutually exclusive division. The comparability obtained is, to be sure, strictly in terms of the unit being classified, namely, the agglomeration. If size of agglomeration shows a closer correspondence in some countries than in others to characteristics that are commonly regarded as "urban", this is the result of cultural differences and is itself an appropriate subject of inquiry, but not one for which the other systems of classification described in this report could readily furnish the materials - unless they were made in combination with the one proposed by the Commission. Such a combination is in fact proposed by the Committee on the 1950 Census of the Americas.

<sup>&</sup>lt;sup>4</sup> Resolutions and motions of the third session of the Committee on the 1950 Census of the Americas, Bogotá, January 9-21, 1950. Document 1950 a — (COTA) — 2/1/50 — 400. Page 14.

#### III. DEFINITIONS AND CLASSIFICATIONS IN RECENT CENSUSES

Some distinction between urban and rural population is made in the statistics of practically all censuses. The categories shown may not bear the labels "urban" and "rural"; the country may not even have an official definition of urban and rural population; but almost without exception, the census data can be made to yield information for purposes of urban-rural comparison. The distinction between urban and rural may be in the form of statistics for individual important cities which, taken together, furnish data on urban characteristics that may be compared with data for the country as a whole, or for the remainder of the country. Again, the distinction may be in the form of statistics for small geographic divisions, which, when classified into population size groups, usually bear a positive relation to the degree of urbanization and may therefore form a basis for urbanrural comparisons of a simple type.

Of the fifty-three countries for which one or more censuses were examined for this study, fiftyone give statistics which may be regarded as urban-rural classifications. The two exceptions are Costa Rica (1927) and Thailand (1947) which specifically disclaim such a classification, but which do give statistics for minor geographic divisions that can be combined into size groups. In a few other cases there is not an official designation of these data as urban or rural, and perhaps no official definition of urban or rural population, but the authorization to regard the data as approximating an urban-rural classification is nevertheless given. In the 1930 census of the Netherlands, for example, statistics are shown for communes by size classes, but it is pointed out that, while communes of 20,000 or more inhabitants may be regarded as urban, there are several communes in this class that are partially or entirely rural and a number of smaller communes that should be considered as urban. Again, in connexion with the Belgian census of 1930, it is stated that communes having 5,000 or more inhabitants are "generally considered as urban".

The methods used in the various censuses for classifying the population as urban or rural represent two general approaches. The first is the classification of administrative divisions (usually the relatively small or smallest geographic units into which the country is divided for administrative purposes) in which the whole population of the commune, municipality, township or other minor civil division is classified as either urban or rural on the basis of chosen criteria. In this method, the unit of classification is the administrative division rather than the agglomeration.

A variation of this approach, which perhaps represents a third approach (and which will be treated separately in the discussion that follows) is the method in which the administrative centres of all minor divisions are classified as urban and the remainders of the divisions are classified as rural.

The other general approach is the classification of agglomerations or population clusters, in which the urban population is identified as the inhabitants of closely settled "localities", "places", or "centres" above a given size, or with other specified characteristics. In this method, the unit of classification is the agglomeration, and official boundary lines of administrative divisions are ignored unless they happen to furnish convenient units for combination to form the larger agglomerations.

Since administrative organization is so closely bound up with urban-rural classification, information on the administrative divisions of the various countries is presented in the appendix table of this report. The definitions of urban and rural population are given also, in order to show the relation between administrative divisions and urban-rural definitions and thus to make the definitions themselves more comprehensible. The information on administrative divisions is limited to the class name and number of major, intermediate, and minor divisions, and to other types of divisions not necessarily administrative in character, but relevant to the problem of urban-rural classification. A fuller description of the governmental and administrative organization of each country would be even more helpful in understanding urban-rural classifications, but was not undertaken for this report for reasons of time and space.

It should be understood that the definitions given in the table are not necessarily "official" in

any strict sense of the word. Some of them were implied by the organization of the data, rather than specified in so many words, in the sources from which they were taken. However, it was considered advisable to include censuses with relevant classifications, even though these classifications might not be labelled "urban" or "rural", for the present report is concerned as much with the availability and comparability of census data that can be used for urban-rural analysis as with the existence of explicit definitions.

#### 1. Classifications of administrative divisions

The smallest administrative divisions in the different countries vary in area, organization and function. They often contain some concentrated population and some dispersed population, some population engaged in typically urban occupations and some in typically rural pursuits. Any classification in which the whole population of these administrative divisions is treated as a unit therefore yields somewhat heterogeneous categories. However, such a classification has the advantage of producing census statistics for areas that have relatively stable and generally recognized boundaries. Usually, comparable classifications can readily be made in other statistics, such as vital statistics, that are compiled only for administrative areas. The possibility of combination with statistics from other sources is much more limited when special areas that do not conform to established geographic boundaries are delineated by the census for the purposes of urban-rural classification.

The classification of administrative divisions is effected in a number of different ways and in accordance with various criteria. They are of three general types: (a) based on the kind of local government, (b) based on the total number of inhabitants, and (c) based on characteristics that do not apply to the whole area (e.g., the size of the principal cluster or the percentage of the population engaged in agriculture).

# (a) Classifications by type of local government

The most common basis for classifying administrative divisions into urban and rural categories is the type of local government or administration. By this method, centres of population that have what is regarded as a city or urban form of government are classified as urban and all other areas are classified as rural. Somewhat less than half the censuses included in this review used this criterion in one form or another in distinguishing the urban from the rural population.

In many countries, it is the practice to set up special forms of local government, involving considerable autonomy in matters of taxation, police protection, sanitation, etc., in areas of significant concentration of population. The establishment of these city or urban forms of government may be through incorporation, issuance of charters, or some other official action. This type of procedure furnishes a very convenient basis for identifying urban areas. Among the countries which are covered in this study, the following have defined the urban population, for census purposes, as residents of such areas (or have presented separate statistics for such areas):

Australia	Romania
Bulgaria	Union of South Africa
Canada	USSR
Ceylon	United Kingdom
Finland	England and Wales
Hungary	Northern Ireland
Ireland	Scotland
Japan	United States
New Zealand	Yugoslavia
Poland	

In addition, Denmark, Norway and Sweden have published statistics in accordance with this definition as well as in accordance with a more comprehensive definition that includes in the urban classification, suburban concentrations and population clusters of a non-administrative type.

Because practices differ, both within and among the countries, with respect to the granting of "urban" status in the administrative or governmental sense, there is considerable variation in the size and characteristics of the population units that were classified as urban in the censuses. Thus, the smallest urban places in Canada had less than 200 inhabitants, while the smallest in Japan had more than 20,000. Again, the boundaries of the incorporated place in the United States, while usually enclosing only thickly settled territory, often excluded suburban concentrations that might well be classified as urban; whereas the incorporated municipality of Japan often included more than one cluster of population as well as considerable territory of a definitely rural character.

Certain of the countries listed above have restricted the urban classification, for census purposes, to those areas with urban status that have more than a given number of inhabitants. Scotland has adopted a minimum of 1,000, Ireland of 1,500 and the United States of 2,500. In the statistics of Canada, the urban is often taken as incorporated places of 1,000 or more, although the official definition includes incorporated places of all sizes.

Further, Australia, New Zealand, Ireland and the United States have departed from the basic definition by delineating certain additional population clusters, and classifying them as urban even though they have not been formally established as such.

It should be noted again here that some of the countries which give statistics separately for areas with urban status and for other areas do not have "official" definitions. Moreover, it should be remembered that some countries may not have very close equivalents of the terms "urban" and "rural" in their-languages or at least in their census terminology. For example, in the statistics of Japan, the term shi (referring to the incorporated municipality) is usually translated as "city" and the term gun as "rural county". The terms machi and mura (referring to the two types of area that comprise the gun) are often translated as "towns" and "villages". Actually these areas, like the shi, generally contain one or more clusters of population and some dispersed population and open country. On the whole, the machi contains larger clusters than the mura. For many purposes, the division between urban and rural is made by taking each shi, machi and mura above a given population size as urban and the remainder as rural.

# (b) Classifications by total number of inhabitants

In some censuses, the basis of the urban-rural classification is the total number of inhabitants of the minor administrative divisions. The minimum number that has been set for qualifying an area as urban varies considerably. The seven countries using this type of definition in their censuses had the following minimum requirements:

Austria	2,000
Belgium	5,000
Czechoslovakia	2,000
Germany	2,000
Netherlands	20,000
Spain	10,000
Switzerland	10,000

The Netherlands and Spain also show statistics for an intermediate size class, the Netherlands for communes of 5,000 to 20,000, and Spain for municipios of 2,000 to 10,000 inhabitants.

#### (c) Classifications based on characteristics not applicable to the entire population of minor administrative divisions

In four censuses, the entire division was classified as rural or urban on the basis of characteristics of part of the population. In the censuses of France and Luxembourg, communes containing an administrative centre (or chef-lieu) of 2,000 or more inhabitants were classified as urban, all other communes as rural. In the 1940 census of Greece, communes or municipalities whose largest agglomeration exceeded 5,000 inhabitants were classified as urban, all others as rural. In the 1936 census of Italy, communes with less than 50 per cent of the economically active population engaged in agriculture were classified as urban, all others as rural.

## 2. Classifications based on administrative functions

In some censuses, the population cluster that serves as a seat of administration for the minor administrative division is classified as urban and the remainder of the division as rural. Such seats of administration of course include national capitals and the capitals of major or intermediate divisions. In general, the capital of a major division is also the administrative centre of the intermediate or minor division in which it is located. Countries which have used this type of classification in their censuses are: Egypt, Brazil, Colombia, the Dominican Republic, El Salvador, Honduras, Guatemala, Peru, and Turkey. In these countries, some urban places may be very small, in some cases less than 100 inhabitants.

Turkey has added to the urban classification all other towns with a population of more than 2,000, but there were in the census of 1945, eight places of less than 500 inhabitants which qualified as urban through being the chief centres of minor divisions. Similarly, Peru has added to the urban classification all non-administrative clusters with a population that exceeds the national average for administrative centres. Colombia, on the other hand, has limited the urban classification to capitals and administrative centres of over 1,500 inhabitants.

# 3. Classifications of agglomerations or clusters of population

In nine of the countries, census statistics of the urban and rural population have been based on a classification of agglomerations or clusters of population. In one case (Cuba, 1943) all nuclei of population were included in the urban total, the smallest places containing less than fifty inhabi-

<sup>&</sup>lt;sup>1</sup> The definition used by Nicaragua in 1940 has not been determined, but inspection of the census data for geographic areas suggests that this type of classification was made in that census.

tants. However, rather extensive tabulations were given for places of 5,000 or more inhabitants, so the latter might be regarded as the effective definition. The other nine countries have adopted minimum size designations, as follows:

Argentina											٠											٠	2,000
Chile																							1,000
Denmark							×		٠														250
Iceland .		*													 								300
India					S	,							۷.					٠					5,000
Mexico .				 										 	 					٠			2,500
Panama																					,		1,500
Portugal												è							٠			٠	2,000
Venezuela				 						*				 									2,500
22/37							~						-										

The statistics for Denmark are generally shown by the following divisions:

- 1. The Capital;
- 2. Suburbs of the Capital;
- 3. Provincial cities;
- Suburbs of provincial cities;
- 5. Agglomerations in rural communes;
- 6. Strictly rural areas.

The first five items represent sub-divisions of the urban population. This list indicates how an administrative or governmental definition of urban, which included items 1 and 3, has been revised to approximate an "agglomeration" type of definition. For most purposes, the inclusion of agglomerations as small as 250 may seem to stretch the concept of urban areas too far, but the collection of data of this type furnishes the basis for a graduated distribution that can be classified into successive size groups and be used in accordance with various definitions of urban.

Norway and Sweden have adopted similar classification schemes (see appendix table) which offer the possibility of expanding the urban category to include suburbs of cities and agglomerations of a non-administrative character, but for most of their tabulations they retain the local-government type of definition.

India and Panama made certain exceptions to the established minimum and included some places of smaller size that had definite urban characteristics. Chile included centres of less than the minimum (1,000 inhabitants) that were administrative centres of communes.

Some fifteen additional countries identified all "inhabited places" designated variously as "localities", "populated centres", "populated places" or "villages", for purposes of the census but most of them did not use these data for purposes of urban-rural classification (see appendix table). It has already been indicated that Peru, Ireland, and Australia made certain adaptations of the basic administrative definition to add suburbs or

agglomerations to the urban classification. New Zealand and the United States have also delineated areas for special purposes which include with a central city the thickly settled outlying areas ordinarily classified as rural for general census purposes. These are the "urban areas" in New Zealand and the "metropolitan districts" in the United States.

For the 1950 census, the United States has made plans for identifying the "urban fringe" around all incorporated places of 50,000 or more inhabitants and for identifying all agglomerations in unincorporated territory that have 2,500 or more inhabitants. These areas will be included in the urban classification.

The chief problem involved in implementing a classification by agglomerations is the identification of the agglomerations or clusters of population in the census. Comparability depends in some measure on the use of relatively uniform rules for delimiting the cluster. The object is to count together all the inhabitants of a continuous, thickly settled area that functions as an integrated social unit. Cities and towns with official status and fixed boundaries furnish a convenient starting point. Separate data for such places are usually required in any case for various administrative or fiscal purposes. It is the delimitation of suburban fringes and of agglomerations that do not have official status that creates some difficulty.

Various methods have been used to delimit such areas. As indicated earlier, approximately half the countries included in this report have obtained separate population counts either for all inhabited places or for those above a stated minimum. In some cases, the census instructions provided for the preliminary determination by local authorities of the places that were to be counted as separate units. In others, enumerators were instructed to count together the inhabitants of all places with names and to specify the category to which each place belonged, as town, village, settlement, farm, ranch, station, camp, etc. In still others, enumerators were instructed to classify as urban and count together the inhabitants of any group of structures that had a place name and was laid out in streets with names and house numbers.

The classification of areas on the basis of population density is a possible method, but one that involves complications connected with the size and constitution of the geographic units for which the density is to be computed. For the purpose of distinguishing agglomerations from unagglomerated population, this method rather begs the question, since the density of an agglomeration cannot

be computed until its limits have been set. A density criterion does have some value, however, in the delimiting of suburbs or urban fringes, providing data are obtainable on the area and population of small geographic units. The United States has used such a criterion in delineating "metropolitan districts", adding to the central incorporated city all the adjacent and contiguous minor civil divisions with a density above a predetermined level.

Another kind of criterion that has been suggested, and appears to have been used to a limited extent, is the presence or absence of certain institutionalized services that are usual concomitants of urban life. Among these are: systems of local public transportation; telephone service; availability of running water, electricity and gas; doorto-door mail delivery; presence of churches, schools, market places, or other symbols of localized community life. The difficulty here is that in some regions, some or all such services have been extended far into farm and rural areas. In other regions, many of these services are lacking even in rather important centres of population. Thus, they represent characteristics that are not necessarily confined to or typical of the city in the spatial or physical sense, but are associated with urbanism in the cultural sense. It would seem, therefore, that any use of criteria of this type would necessarily be, at most, of a supplementary nature only, their application confined to cases where other conditions more closely related to agglomerations per se have already been met.

The applicability or relevance of the methods described above varies in accordance with the conditions existing in the several countries. It would be impossible to construct a set of specific rules for the identification and delimitation of population clusters that would be susceptible of international adoption at this juncture. Probably, the comparability of statistics would not be seriously affected by considerable variation in the methods whereby the limits of the cluster are determined. The greatest potential contribution to comparability is already achieved when agreement is reached on the general principle of classifying the population by size of agglomeration and when a standard set of size classes has been adopted.

Whatever particular method is adopted, a preliminary listing and mapping of all clusters that are to be identified and counted in the census is desirable, since this ensures relatively uniform and objective standards of classification, at least at the national level. Where it is not practicable to undertake listing and subsequently enumerating all the numerous very small clusters of population that exist in almost every country, a careful guess at the size of small clusters could be made during the preliminary listing, and places below a given size eliminated from the list. This "given size" should be well below any minimum that is contemplated for presentation in census results, so as to provide for a full count of clusters at the minimum level.

# IV. TABULATIONS OF URBAN AND RURAL POPULATION IN RECENT CENSUSES

It should be emphasized that the size-of-place classification proposed by the Population Commission, with a cross-classification by age and sex, is recommended in addition to the tabulations normally made for urban and rural populations as defined in each country. Many countries have made rather extensive tabulations for urban and rural divisions of their population and these data are of considerable value for analytical purposes in spite of their limited comparability. The discussion in this section is concerned with the principal types of urban-rural tabulations that have appeared in recent publications.

The information on tabulations covers fortynine countries. This information does not in all cases refer to the latest census. In general, the census selected was the latest one for which complete information could be obtained. The definitions presented in the appendix table apply to the censuses mentioned in this section as well as to the later censuses for which tabulations are not available.

# 1. Major characteristics tabulated for urban and rural areas

For the purposes of this report, "major characteristics" were taken as those recommended by the United Nations Population Commission for investigation in population censuses to be taken in or about 1950. Table 1 shows, for each census, which of these characteristics were represented in census reports for urban and rural areas.

Of the forty-nine countries, four (Canada, the United States, Belgium and Czechoslovakia) presented tabulations for all ten of the characteristics listed. Four countries (Switzerland, Mexico, Romania and the USSR) presented tabulations for nine of the characteristics.

The characteristics most frequently tabulated, in order of frequency, were:

	Censuses
Sex	47
Age by sex	32
Families or households	
Marital status	30
Birthplace	27
Economic characteristics	26

Each of the remaining characteristics was tabulated in less than half of the forty-nine censuses, the lowest frequency being that for mother tongue, with only seven censuses presenting tabulations. However, thirteen of the censuses gave tabulations of language spoken, ability to speak designated languages, or mother tongue.

The discussion which follows on the major types of data tabulated for each subject does not touch on problems of comparability in census methods or definition. These are dealt with in the United Nations report, *Population Census Methods*. <sup>1</sup>

#### 2. Tabulations by age and sex

All except two of the countries that classified the urban and rural population by age cross-classified the data by sex. The age-groups tabulated show considerable variation (see table 2). It would be impossible to select a set of useful age groups into which the data for all the countries could be combined. However, for the three broad age groups, under 15, 15-59, 60 and over, which are useful for many purposes, the desired combinations could be made for twenty-seven of the censuses shown in the table. For the eight age-groups proposed by the Population Commission, the appropriate combinations could be made for twenty-four of the censuses.

#### 3. Tabulations of marital status

Data on the marital status of the population in urban and rural areas are valuable for various purposes. These data are particularly useful if cross-classified by age and sex. All but one of the censuses that presented data on marital status for

<sup>&</sup>lt;sup>1</sup> United Nations. Department of Social Affairs, Population Division and Department of Economic Affairs, Statistical Office of the United Nations. *Population Census Methods*. (ST/SOA/Series A, Population Studies, No. 4.) Lake Success, 1950.

the urban and rural population made the classification by sex (see table 3). All except eight tabulated the data by age for each sex.

# 4. Tabulations by place of birth, legal nationality and language

Differences between urban and rural areas are often related to differences in the composition of the population with respect to nativity, legal nationality, and language. In thirty of the censuses, data on one or more of these subjects were presented separately for the urban and rural population. The major types of data presented are shown in table 4 for place of birth and legal nationality and in table 1 for mother tongue, language spoken, or ability to speak designated languages.

#### 5. Tabulations of educational characteristics

Another basic consideration in urban-rural differences is education. Of the nineteen censuses presenting such data for the urban and rural population, nine gave data on literacy and illiteracy and ten gave data on educational attainment (see table 5). Four of these presented data on both literacy and educational attainment.

#### 6. Tabulations of economic characteristics

The relevance of tabulations of economic characteristics to urban-rural analysis needs no explanation. Most of the censuses that presented tabulations of the economically active population by occupation or industry group for the urban and rural population classified these data by industrial or social status (see table 6). About half of them also presented tabulations of the population dependent on various types of economic activity (i.e., the economically active in each type of economic activity plus inactive persons dependent upon them for a livelihood).

#### 7. Tabulations of households or families

About three out of five of the censuses examined gave information on the number of households or families in urban and rural areas. These data can be used for computing the average size of family (or household). In addition some of the censuses presented tabulations of households by the number of persons in the household and a few presented tabulations by the number of children in certain age groups (see table 7). These data permit some insight into urban-rural differences with respect to family size and composition.

#### 8. Tabulations of fertility characteristics

Only ten censuses presented data for urban and rural areas that can be regarded as direct measures of fertility. The censuses presenting such data are indicated in column (8) of table 1. The types of classifications made include tabulations of the number of women by number of children borne (Canada, United States, Belgium, Czechoslovakia, Germany, Hungary, Norway, Switzerland) and tabulations of married persons or married couples by duration of marriage and number of children (Austria, Germany, the Netherlands, Norway). In some cases, the data are tabulated by age of woman or by age of one or both spouses.

Although data of this type are valuable for intensive analysis of fertility trends and levels, it should be noted that indirect measures of fertility may be obtained from the tabulations by age, sex and marital status, and from data on household (or family) size and composition.

#### 9. Tabulations of other characteristics

A number of censuses have presented urban and rural tabulations for such characteristics as religion, income, migration, physical and mental defect, and housing. Censuses presenting data on these characteristics are listed below:

#### (a) Religions of the population:

Canada, 1941	Netherlands, 1930
Mexico, 1940	Norway, 1930
India, 1931	Romania, 1930
Bulgaria, 1934	Switzerland, 1941
Czechoslovakia, 1930	Northern Ireland, 1937
Finland, 1940	Yugoslavia, 1931
Hungary, 1930	Australia, 1933
Iceland, 1930	New Zealand, 1936
Ireland, 1936	

#### (b) Income:

Canada, 1941	Sweden, 1945
United States, 1940	Australia, 1933
Norway, 1930	New Zealand, 1936

#### (c) Migration data:

Canada, 1941	Iceland, 1930
United States, 1940	Switzerland, 1941
Czechoslovakia, 1930	USSR, 1926
Denmark, 1940	Australia, 1933

#### (d) Physical or mental defect:

Mexico, 1940	Iceland, 1930
Turkey, 1935	Norway, 1930
Bulgaria, 1934	Romania, 1930
Czechoslovakia, 1930	USSR, 1926

#### (e) Housing characteristics:

Cuba, 1943 United States, 1940 Belgium, 1930 Czechoslovakia, 1930 France, 1946 Hungary, 1930 Ireland, 1936 Netherlands, 1930 Norway, 1930

Romania, 1930 Switzerland, 1941 England and Wales, 1931 Northern Ireland, 1937 Scotland, 1931 Yugoslavia, 1931 Australia, 1933 New Zealand, 1936

#### 10. Other tabulations

The present report has not exhausted the data that are available in the censuses examined. Numerous detailed tabulations and further cross-classifications were presented for many of the characteristics investigated by the various censuses. Only the main categories and more basic cross-classifications have been indicated here.

Table 1. Major characteristics tabulated for urban and rural areas in recent censuses

"x" indicates that the specified characteristic was presented; "(x)" that it was presented only for certain urban areas and for the remainder of the country (see note at end of table); "-" that it was not presented; ".." that information was not available or was not complete.

Country	Census year	Sex	Age by sex	Marital status	Place of birth	Legal nationality	Language <sup>1</sup>	Educational characteristics	Fertility	Economic characteristics	Household. or families
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Africa											
Egypt	1937	x	(x)	(x)	-	(x)	-	(x)	-		(x)
Union of South Africa	1936	x	x	x	x	$\mathbf{x}^2$	X2 3	-	$\overline{}$	-	-
America											
Argentina	1947	x	0.00		(4/4)		-	2.2		**	
Brazil	1940	x				**	4	* *	**		
Canada	1941	x	x	x	x	x	x	x	x	(x)	x
Chile	1940	x		-	-	1770	-	-		-	x
Colombia	1938	(x)	(x)		-	<u></u>	3 <u>22</u>	(x)	_	***	-
Cuba	1943	(x)	(x)	(x)	(x)	(x)	-	(x)	-	-	(x)
Dominican Republic	1935	x	-	-	-	x	-	-	-	-	-
El Salvador	1930	x		-	-	223	-	**	-		:44
Guatemala	1940	x	-		-	<del>20</del> 00		100	-		-
Honduras	1945	x	-		-	-	-	-	-	-	-
Mexico	1940	x	(x)	(x)	(x)	(x)	(x)5	(x)	-	(x)	(x)
Nicaragua	1940	x	-	-	-	=:	-	-	-	-	-
Panama	1940	x	x	x	x	x	-	x		(x)	x
Peru	1940	-	-		-	-	-	-	-	-	x
United States	1940	x	x	x	x	x	x	x	x	x	x
Venezuela	1941	x	x	-	-	-	-	-	_	-	_
Asia											
Ceylon	1946	x						202			
India	1931	x	(x)	(x)	(x)	=	-	(x)	-	-	$x^6$
Japan	1930	x	x	x	x	x	-	-		x	x
Turkey	1935	x	x	(x)	(x)	(x)	(x)	x		(x)	-
EUROPE											
Austria	1934	x		-	( <del>-</del> - )	-	-	199	x	-	-
Belgium	1930	x	x	x	x	x	$x^7$	x	x	x	x
Bulgaria	1934	x	x	x	$\mathbf{x}$	-	$x^5$	x		x	x
Czechoslovakia	1930	x	(x)	(x)	(x)	(x)	(x)8	(x)	(x)	x	(x)
Denmark	1940	x	x	x	(x)	-	-	_	-	x	(x)
Finland	1940	x	x	x	x	-	$x^5$	=	4	x	4

-		
-		

France	1946	* 4	12.21		**		-			**	x
Germany	1933	x	x	x	-	_	-	-	x	x	x
Greece	1940	X	* *								
Hungary	1930	x	Ð	x	(x)	x	x	x	(x)	x	$\mathbf{x}$
Iceland	1930	x	x	x	x	x			-	x	x
Ireland	1936	x	(x)	(x)	(x)			-	-	(x)	(x)
Italy	1936	x	-	17	-	-	-	-	-	x	x
Netherlands	1930	x	x	x	x	x		x	x	-	x
Norway	1930	x	x	x	x	x	-	-	x	x	x
Poland	1946	x	9	24	_	x		- '	-	-	-
Portugal	1940	x	-	-	-	·	-	_	-	-	**
Romania	1930	x	x	x	x	x	x	x		x	x
Sweden	1945	x	x	x	x	**	-	x	-	x	x
Switzerland	1941	x	x	x	x	x	x	-	(x)	x	x
United Kingdom:											
England and Wales	1931	x	x	x	(x)	(x)		-	-	x	x
Northern Ireland	1937	x	x	x	x	_	_	-	_	_	x
Scotland	1931	x	(x)	(x)	_	-	-	-	_	(x)	(x)
USSR	1926	x	x	x	x	x	X5	x	-	X	X
Yugoslavia	1931	x	- x	202		555. 5 <del>55</del>	_	x	_	x	x
											-
Oceania											
Australia	1933	x	x	x	x	x	12	x	-	x	x
New Zealand	1936	x	x	x	x	-	-	-	-	x	x
											-

Note. Items marked "(x)" were presented for areas that do not wholly conform to official definitions. Adjustments of the urban category were as follows: Egypt-excluding chief-towns of districts; Canada-excluding urban places of less than 1,000 inhabitants; Colombia—including administrative centres of less than 1,500 inhabitants; Cuba—excluding urban places of less than 5,000 inhabitants; Mexico-excluding localities of 2,500 to 10,000 inhabitants; Panama-excluding urban centres of less than 2,000 inhabitants; India-excluding towns of less than 100,000 inhabitants; Turkey-excluding towns of less than 10,000 inhabitants; Czechoslovakia-excluding places of less than 10,000 inhabitants; Denmark-excluding suburbs and urban agglomerations in rural communes; Hungary-excluding "county towns"; Ireland -including seven towns of less than 1,500 inhabitants; Switzerland-excluding urban places of less than 30,000 inhabitants; England and Wales-excluding urban areas of less than 50,000 inhabitants, but including all county boroughs and metropolitan boroughs; Scotland-excluding special districts (age, marital status, households or families), excluding urban places of less than 20,000 (economic characteristics).

<sup>1</sup> Unless otherwise indicated, the data referred to mother tongue.

<sup>2</sup> These data were tabulated for the Asiatic, Coloured and European populations only.

3 The tabulations showed languages spoken and ability to speak designated languages.

4 Final tabulations are not available. The language questions on the census schedule, however, referred to languages spoken and ability to speak designated languages.

5 The tabulations showed languages spoken.

<sup>6</sup> The tabulations showed number of occupied houses.

7 The tabulations showed ability to speak designated languages.

8 The tabulations were labelled "ethnic nationality" but pertained almost exclusively to the mother tongue reported.

<sup>9</sup> The data were tabulated separately by age and by sex but not by age and sex together.

Table 2. Tabulations by age and sex for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations by age and sex for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. Except where otherwise noted, age and sex were cross-tabulated.

		1	Most detailed age groups show		
Country	Census year	Age range covered by single years	Age range covered by 5-year groups (but not by single years)	Age range covered by 10-year groups (but not by 5-year groups)	Other age groups shown
Africa					
Egypt	1937	0 to 4	5 to 59	60 to 99	100+
Union of South Africa	1936	0 to 20	20 to 99	00 (0 99	21-24, 100+
	1930	0 10 20	20 10 99	-	21-24, 100-
AMERICA					We vi
Canada	1941	0 to 94	-	_	95+
Colombia	1938	7 to 14	-	_	0-7, 15-29, 30+
Cuba	1943	-	0 to 4	-	5-13, 14-19, 20-49, 50+
Mexico	1940	0 to 4	5 to 99	_	Under 1 month, 1-11 months, 100+
Panama	1940		0 to 89	-	90+
United States	1940	0 to 99	01002	DEAL PROPERTY.	100+
Venezuela	1941		0 to 9	10 60	
	1941	Under 1	0 to 9	10 to 69	Under 1 month, 1-5 months, 6-11 months, 70+
Asia	10000	92-55 Ye	. nat-V Steat		
India	1931	0 to 4	5 to 19	20 to 59	60+
Turkey	1935	6 to 19	0 to 4	20 to 94	95+
Europe					
Belgium	1930				0-6, 7-14, 15-20, 21-59, 60+
Dulgaria	1934	0	_	_	
Bulgaria		0 to 89			90+
Czechoslovakia	1930	-	0 to 4	5 to 24	25-44, 45-64, 65-79, 80-
Denmark	1940	0 to 99	_		100+
Finland	1940	0 to 104	-	_	105-
Germany	1933	0 to 99	_	_	100-
Hungary	19301	-	10 to 19	20 to 59	0-2, 3-5, 6-9, 10-11, 12-14, 60+
Iceland	1930		All ages	201037	0 2, 3 3, 0 7, 10 11, 12 14, 00 7
Ireland	1936	0 to 99	Allages		100+
N-4-1-1-			***	-	
Netherlands	1930	0 to 99		-	Under 1 month, 1, 2, 3, 4, 5, 6-7, 8-9, 10-11 months, 100
Norway	1930	0 to 99			100+
Poland	19461		-	-	0-17, 18-59, 60-
Romania	1930	0 to 99	_		100+
Sweden	1945	0 to 94	<del>-</del>	_	95+
Switzerland	1941	-	0 to 94		95-1-
United Kingdom:			0.00.		55.4
England and Wales	1931	0 to 99			100-
Morthorn Indone	1937	010 99	0 to 94	-	
Northern Ireland		TT 1 1		-	95+
Scotland	1931	Under 1	0 to 84	-	1-4, 85-
USSR	1926	0 to 99	-	-	100+
Yugoslavia	1931	-	-	-	0-10, 11-19, 20-39, 40-59, 60+
Oceania					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Australia	1933	_	0 to 99	_	100-
New Zealand	1936	_	0 to 24	25 to 74	15, 16-19, 20, 21-24, 75+
IVCW Legidile	1200		01024	23 10 74	13, 10-17, 40, 41-44, 73-

<sup>1</sup> The data were tabulated separately by age and by sex, but not by age and sex together.

Table 3. Tabulations of marital status for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations of marital status for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. "x" indicates that the specified classification was presented; "—" that it was not presented.

FRICA Egypt Union of South Africa  MERICA Canada Cuba	. 1937 . 1936	status categories shown <sup>1</sup> (1) 4 4	Sex (2)	Age by se
Egypt Union of South Africa MERICA Canada	. 1937 . 1936	4		(3)
Egypt Union of South Africa MERICA Canada	. 1937 . 1936		x	
Union of South Africa	. 1937 . 1936		x	
Union of South Africa  MERICA Canada	. 1936	4		-
Canada			x	x
(프로그램 1777) ::				
Cuba	. 1941	52	x	x
	. 1943	4	x	_
Mexico		53	x	x
Panama		53	x	_
United States		4	x	x
SIA				
India	. 1931	34		
		4	x	x
Turkey	. 1933	4	x	x
UROPE		F		
Belgium	. 1930	4	x	x
Bulgaria		4	x	x
Czechoslovakia	. 1930	52	x	-
Denmark	. 1940	52	x	x
Finland		4	x	x
Germany		4	x	x
Hungary		4	_	_
Iceland		4	x	x
Ireland		34	x	x
Netherlands		52	x	x
Norway		4	X	X
		4		X.
Romania		4	x	
Sweden			x	x
Switzerland	. 1941	4	x	x
England and Wales	. 1931	4	x	x
Northern Ireland	. 1937	4	x	x
Scotland	. 1931	4	x	
USSR		4	x	x
CEANIA				
Australia	. 1933	4	x	100
New Zealand		55	x	x

<sup>&</sup>lt;sup>1</sup> Where four categories are indicated, they were: single, married, widowed, divorced.

<sup>&</sup>lt;sup>2</sup> The categories were: single, married, separated, widowed, divorced.

The categories were: single, married, consensually married, widowed, divorced.
 The categories were: single, married, widowed.
 The categories were: single, married, legally separated, widowed, divorced.

Table 4. Major types of data on birthplace and legal nationality for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations of either birthplace or legal nationality for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. "x" indicates that the specified classification was presented; "-" that it was not presented; ".." that information was not available or was not complete.

·		Birth	place	Legal natio	onality
Country	Census year	Distinction between native and foreign-born	Locality of birth of natives	Distinction between nationals and aliens	Country of legal nationality of aliens
		(1)	(2)	(3)	(4)
Africa					
Egypt	1937			x	25
Union of South Africa	1936	×1	x	x <sup>2</sup>	$x^2$
America					
Canada	1941	$x^1$	x	x	-
Cuba	1943	X1	-	x	
Dominican Republic	1935	- X-	77	x	_
Mexico	1940	x	-		
Panama	1940		-	x	x
United States	1940	x		x	x
United States	1340	X <sup>1</sup>	x	$x^3$	-
Asia					
India	1931	x	x	***	-
Turkey	1935	x1	X	x	x
				. ~	Α.
EUROPE	T NACE PERSON				
Belgium	1930	X1	x	x	x
Bulgaria	1934	$X^1$	x	_	_
Czechoslovakia	1930	x	x	X	x
Denmark	1940	X-1	(me	-	_
Finland	1940	x <sup>1</sup>	x		-
Hungary	1930	$x^1$		x	-
Iceland	1930	x	x	x	x
Ireland	1936	X1	X		_
Netherlands	1930	x	X	X	x
Norway	1930	X1	X	x	x
Poland	1946	~	_	x	x
Romania	1930	x	x	x	×
Sweden	1945	- 77			100
Switzerland	1941	x x	x	x	59645
United Kingdom:			X	X	
England and Wales	1931	$x^1$	X	X	-
Northern Ireland	1937	x	446	data.	-
USSR	1926	x	x	x	-
Oceania			•		
Australia	1933	x1	x	x	x
New Zealand	1936	x1	x	-	_
TOW Editing	1730	A.	A	1.75	

<sup>&</sup>lt;sup>1</sup> Foreign-born were shown by country of birth.

<sup>2</sup> The data were shown for the Asiatic, Coloured and European populations only.

<sup>3</sup> The data were shown for the white population only.

Table 5. Tabulations of educational characteristics for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations of educational characteristics for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. "x" indicates that the specified classification was presented; "-" that it was not presented.

		Types of data shown					
Country	Census year	Ability to read and write	Ability to read only	Educational attainment			
		(1)	(2)	(3)			
Africa Egypt	1937	х .	-	x			
AMERICA	1941						
Canada		-	_	×			
Colombia	1938	-	x	-min			
Cuba	1943		x	-			
Mexico	1940	x	x	×			
Panama	1940			x			
United States	1940	_	-	x			
Asia							
India	1931	×	-	-			
Turkey	1935	x	x	-			
EUROPE							
Belgium	1930	x	_	-			
Bulgaria	1934	x	_	×			
Czechoslovakia	1930	x	x				
Hungary	1930	x	_	_			
Netherlands	1930	_	-	$x^1$			
	1930	-	x	x			
		_	^	x			
Sweden	1945		-	- A			
USSR	1926	=	X	1			
Yugoslavia	1931	x		-			
OCEANIA							
Australia	1933	5 <del></del>	-	X2			

The data related to university graduates.
 The data related to persons receiving schooling, tabulated by place of instruction.

Table 6. Tabulations of economic characteristics for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations of economic characteristics for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. "x" indicates that the specified classification was presented; "-" that it was not presented.

		Economically ac	tive population	Population depen-	
Country	Census year	Occupation or industry group	Industrial or social status	dent on various branches of eco- nomic activity	
		(1)	(2)	(3)	
America					
Canada	1941	x	_		
Mexico	1940	x	x	_	
Panama	1940	x	=	_	
United States	1940	x	x	-	
Asia					
Turkey	1935	x	-	-	
EUROPE					
Belgium	1930	x	x	722	
Bulgaria	1934	x	x	×	
Czechoslovakia	1930	x	x	x	
Denmark	1940	x	x		
Finland	1940	X		×	
	1933		x	×	
Germany	1930	x	x	×	
Hungary	1930	x	x	x	
Iceland		x	x	×	
Ireland	1936	x	_	-	
Italy	1936	x	-	-	
Norway	1930	x	x	×	
Romania	1930	x	x	-	
Sweden	1945	x	x	x	
Switzerland United Kingdom:	1941	x	-	x	
England and Wales	1931	x	x	_	
Scotland	1931	x	2	-	
USSR	1926	x	x	×	
Yugoslavia	1931	x	x	×	
OCEANIA	6				
Australia	1933	x	x	_	
New Zealand	1936	X	_		
THEW Excaland	1930	Α,	_		

Table 7. Tabulations of household or family characteristics for urban and rural areas in recent censuses

This table is limited to censuses for which tabulations of either household or family characteristics for urban and rural areas were available. Tabulations are for the same urban or rural categories as indicated in table 1. "x" indicates that the specified classification was presented; "-" that it was not presented; ".." that information was not available or was not complete.

Country	Census year	Number of households or families	Households by number of persons	Households by nun ber of children of specified ages
Tye.		(1)	(2)	(3)
AMERICA				
Canada	1941	x	x	x
Chile	1940	x		
Cuba	1943	x	x	_
Mexico	1940	x	x	7 <del>144</del>
Panama	1940	x		_
Peru	1940	x		_
United States	1940	x	x	x
Asia				
India	1931	$x^1$	-	-
EUROPE				
Belgium	1930	x	x	x
Bulgaria	1934	x	x	x
Denmark	1940	x	x	x
France	1946	x	x	
Germany	1930	x	_	x
Hungary	1930	x	x	_
Iceland	1930	X	x	_
Italy	1936	x	2	
Netherlands	1930	x	x	x
Norway	1930	x	x	2
Romania	1930	X	x	
Sweden	1945		X	
	1943	x	V	x
Switzerland United Kingdom:	1941	x	S.##U	_
England and Wales	1931	x	x	-
Northern Ireland	1937	x	x	
Scotland	1931	x	x	-
USSR	1926	x		_
Yugoslavia	1931	x	-	-
OCEANIA				
	1026		1007	
New Zealand	1936	x	x	-

APPENDIX

#### Administrative divisions by type and number, and urban-rural definitions, for fifty-three countries

Continent			Number and typ	e of division		Census definition of urban or rural
and country	Year	Major	Intermediate	Minor	Other divisions or classifications	urban or rural areas <sup>1</sup>
Africa						
Egypt	1937	5 governorates 14 provinces	6 cities 85 districts	3,756 towns and villages		Urban: governorates, chief towns of provinces, and chief towns of districts
		4 frontier governorates	15 districts and oases	84 villages		or division
Union of South Africa	1936	4 provinces	248 magisterial districts	493 areas with some form of local government: municipalities, village boards and councils, health committees, township		Urban: all areas possessing some form of local government
				boards, etc.		
				urbs, rural town- ships, farming areas, Native re- serves, etc.		
America						
Argentina	1947	1 federal capital 14 provinces 10 territories		Departments and districts	Cities and other populated centres identified for census purposes	Urban: cities and populated cen- tres of 2,000 or more inhabi- tants
Brazil	1940	1 federal district 20 states 1 territory	1,574 municipios	4,842 districts	Urban, suburban and rural zones	Urban: principal towns of dis- tricts and their suburbs. A dis- trict may not be established until the chief centre contains at least 30 households and the
						urban and suburban limits have been determined
Canada	1941	2 territories 9 provinces	157 counties 61 census divisions	Townships and cen- sus sub-divisions	[1,640 incorporated cities, towns and villages —Unincorporated territory	Urban: incorporated cities, towns and villages
Chile	1940	25 provinces	84 departments	258 communes <sup>2</sup>	Localities classi- fied as: cities, towns, villages, farms, ranches, etc.	Urban: populated centres of more than 1,000 inhabitants Also seats of communes, re- gardless of the number of in- habitants
Colombia	1938	14 departments 4 intendencias 6 comisarias	811 municipios	Districts		Urban: centres of more than 1,500 inhabitants which are seats of municipios or districts

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Costa Rica	19478	7 provinces	63 cantons	304 districts	7 capitals of provinces	No definition, but statistics are given for provincial capitals and for districts
Cuba	1943	6 provinces	126 municipios	1,213 barrios	892 populated centres —other areas	Urban: populated centres (po- blaciones) of all sizes
Dominican Republic	1935	1 national district 12 provinces	61 communes 5 municipal districts	National capital and 66 seats (Cabeceras) of communes and municipal districts 1,592 municipal sections		Urban: national capital, seats of communes and municipal districts
El Salvador	1930	14 departments	37 districts	258 municipios		Urban: capitals of departments, seats of districts, administra- tive centres of municipios
Guatemala	1940	5 regions	22 departments	309 municipios		Urban: the administrative cen- tres of municipios
Honduras	1945	17 departments		19 districts 249 municipios		Urban: capitals or administrative centres of districts and muni- cipios
Mexico	1940	1 federal district		Capital city and 12	122,434 populated	Urban: populated centres of more than 2,500 inhabitants
		3 territories 28 states		14 delegations 2,298 municipios	dades): cities, vil- lages, towns, farms, ranches, etc.	more than 2,000 minorality
Nicaragua	1940	15 departments		118 municipios		Definition not determined—prob- ably similar to that of Hon- duras
Panama	1940	9 provinces	64 districts	366 corregimientos	4,687 populated centres (lugares poblados) of 10 or more inhabitants —Other	Urban: populated centres of 1,500 or more inhabitants, but includ- ing a few places of less than 1,500 with essentially urban characteristics
Peru	1940	23 departments	122 provinces	1,064 districts	57,365 populated centres (centros poblados)	Urban: capitals of departments, provinces and districts; other populated centres with a popu- lation exceeding the average for the capitals (2,103) and not possessing typically rural characteristics
United States	1940	1 national capital 48 states	3, 098 counties	51,627 minor civil divisions	16,612 incorporated places (cities,	Urban: incorporated places of 2,500 or more inhabitants (in- cluding national capital) and
					towns, boroughs, etc.) —Unincorporated territory	certain additional unincorpo- rated but thickly settled areas that were designated as urban for purposes of the census Rural: all other areas, classified as (1) non-farm areas or (2) farms
Venezuela	1941	1 federal district	2 departments	Capital city and	Populated centres	Urban: populated centres of 2,500 or more, including the capital
		20 states 2 territories	149 districts	598 municipios 7 departments	(lugares poblados)	city
	Cuba	Costa Rica       1947a         Cuba       1943         Dominican Republic       1935         El Salvador       1930         Guatemala       1940         Honduras       1945         Mexico       1940         Nicaragua       1940         Panama       1940         Peru       1940         United States       1940         Venezuela       1941	Cuba	Cuba         1943         6 provinces         126 municipios           Dominican Republic         1935         1 national district 12 provinces         61 communes 5 municipal districts           El Salvador         1930         14 departments         37 districts           Guatemala         1940         5 regions         22 departments           Honduras         1945         17 departments           Mexico         1940         1 federal district 3 territories 28 states           Nicaragua         1940         15 departments           Panama         1940         9 provinces         64 districts           Peru         1940         23 departments         122 provinces           United States         1940         1 national capital 48 states         3,098 counties           Venezuela         1941         1 federal district 2 departments           Venezuela         1941         1 federal district 2 departments	Cuba     1943     6 provinces     126 municipios     1,213 barrios       Dominican Republic     1935     1 national district 12 provinces     61 communes 5 municipal districts     National capital and 66 seats (Cabeceras) of communes and municipal districts 1,592 municipal sections       EI Salvador     1930     14 departments     37 districts     258 municipios       Guatemala     1940     5 regions     22 departments     309 municipios       Honduras     1945     17 departments     19 districts 249 municipios       Mexico     1940     1 federal district 3 territories 28 states     2 delegations 1,2 delegations 2,298 municipios       Nicaragua     1940     15 departments     118 municipios       Panama     1940     9 provinces     64 districts     366 corregimientos       United States     1940     1 national capital 48 states     1,064 districts       Venezuela     1941     1 federal district     2 departments     Capital city and divisions       Venezuela     1941     1 federal district     2 departments     Capital city and divisions       Venezuela     1941     1 federal district     2 departments     Capital city and 12 parishes       Venezuela     1941     1 federal district     2 departments     Capital city and 12 parishes       Venezuela     1941     1 federal di	Cuba 1943 6 provinces    Cuba 1943 6 provinces    Dominican Republic 1935    I national district   12 provinces    61 communes   5 municipal districts   5 municipal districts   12 provinces   5 municipal districts   1502 municipal stricts   1,502 municipios    Honduras   1945 17 departments   19 districts   240 municipios    Mexico   1940 1 federal district   3 territories   2,298 municipios   1,213 barrios   258 municipios    1,004 districts   258 municipios   1,024 populated centres (localidades) : cities, villages, towns, farms, ranches, etc.  10 provinces   10 provinces   10 provinces   1,064 districts   10 provinces   1,064 districts   10 provinces   10 province

Continent and			Number and typ	e of division		Census definition of urban or rural
country	Year	Major	Intermediate	Minor	Other divisions or classifications	areas1
Asia						
Ceylon	1946	9 provinces	19 districts	3 municipalities 38 urban council areas Villages	*	Urban: municipalities and urban council areas
India	1941	17 provinces	231 districts	764 municipalities Unincorporated territory	960 "towns" for census purposes 459,391 villages	Urban: municipalities and towns i.e., places of 5,000 or more in habitants, possessing definit urban characteristics. A fee
		23 states and agencies	Districts		979 municipalities and "towns" 196,501 villages	places of less than 5,000 wer also included Rural: villages
Japan	1947	46 prefectures	214 incorporated municipalities (shi) Rural counties (gun)	{1,811 towns (machi) {8,480 villages (mura)	and the same	Urban: incorporated municipali- ties, most of which contained a population cluster of at leas 30,000 inhabitants
Thailand	1938	70 provinces	479 districts	4,728 communes	49,752 villages	No definition, but statistics for communes classified into popu- lation size groups are given in the census
Turkey	1945	63 provinces	1 Istanbul City 459 districts	458 chief towns of districts <sup>4</sup> 940 communes (bucak)	34,065 towns and villages	Urban: towns, i.e., places with a municipal organization. This includes chief towns of provinces and districts regardless of size and other populated centres of more than 2,000 inhabitants
Europe						
Austria	1934	1 capital city 8 provinces	91 districts	4,396 communes (Gemeinden)		Urban: communes of more than 2,000 inhabitants including the capital city
Belgium	1947	9 provinces	41 districts	2,670 communes		Urban: communes of 5,000 or more inhabitants
Bulgaria	1946	9 districts	$95\ arrond is sements$	3,000 communes <sup>5</sup>	106 towns Villages	Urban: towns, i.e., places legally established as urban
Czechoslovakia	1930	4 provinces	1 national capital 656 districts (okres)	7 autonomous cities 15,724 communes	20,479 villages and settlements	Urban: communes of 2,000 or more inhabitants, including the national capital and the 7 au- tonomous cities
Denmark	1945	1 capital 22 departments	86 towns 1,304 rural communes	1,801 parishes	549 agglomerations with 250 or more inhabitants	Urban; the capital; towns; sub- urban communes and parishes in rural areas; agglomerations of 250 or more inhabitants in rural areas

F	inland	1940	10 departments		38 towns 541 rural communes		Urban: towns, i.e., places legally established as urban
I	France	1946	90 departments	311 arrondissements <sup>6</sup>	37,983 communes		Urban: communes having more than 2,000 inhabitants in the chief town (chef-lieu)
(	Germany	1933	29 states (Länder) and provinces	65 major administra- tive districts <sup>7</sup>	50,881 communes (Gemeinden)		Urban: communes of 2,000 or more inhabitants
(	Greece	1940	38 departments	140 provinces	72 municipalities 5,619 communes		Urban: municipalities and com- munes having 5,000 or more inhabitants in the largest centre of population
I	Hungary	1948	14 autonomous cities 25 counties	45 county towns 150 arrondissements	3,241 communes	*	Urban: autonomous cities and county towns
1	celand	1930	8 towns 18 cantons		204 communes	24 populated centres of 300 or more inhabitants	Urban: towns and centres with more than 300 inhabitants
]	reland	1946	4 provinces	Dun Laoghaire Bor- ough and 4 county boroughs 26 counties	6 municipal boroughs		Urban: boroughs, urban districts, administrative towns and cen- sus towns of 1,500 or more in- habitants
				20 counties	51 urban districts 160 rural districts	26 administrative towns	
						20	
						20 census towns Other clusters of 20 or more houses	
1	Italy	1936	94 provinces		7,339 communes	Other clusters of	Urban: communes with less than 50 per cent of the economically active population engaged in agriculture
	Italy	locate:	94 provinces 4 districts	13 cantons	7,339 communes 125 communes	Other clusters of 20 or more houses Populated centres	50 per cent of the economically active population engaged in
1		1935		13 cantons		Other clusters of 20 or more houses Populated centres Scattered houses Inhabited places: towns, villages,	50 per cent of the economically active population engaged in agriculture  Urban: communes having more than 2,000 inhabitants in the
	Luxembourg	1935 1946	4 districts	13 cantons 64 towns 56 rural districts	125 communes 1,016 municipalities	Other clusters of 20 or more houses Populated centres Scattered houses Inhabited places: towns, villages,	50 per cent of the economically active population engaged in agriculture  Urban: communes having more than 2,000 inhabitants in the chief town (chef-lieu)  Urban: municipalities of 20,000
1	Luxembourg	1935 1946 1946	4 districts  11 provinces  2 prefectural cities	64 towns	125 communes  1,016 municipalities (gemeenten)	Other clusters of 20 or more houses Populated centres Scattered houses Inhabited places: towns, villages, hamlets, farms, etc Suburbs and agglomerations in	50 per cent of the economically active population engaged in agriculture  Urban: communes having more than 2,000 inhabitants in the chief town (chef-lieu)  Urban: municipalities of 20,000 or more inhabitants  Urban: cities and towns. In addition, the following classifications are shown: (1) suburbs of cities and towns in rural communes, (2) agglomerations in rural communes, (3)
	Luxembourg  Netherlands  Norway	1935 1946 1946	4 districts  11 provinces  2 prefectural cities 18 prefectures	64 towns 56 rural districts 20 cities	125 communes  1,016 municipalities (gemeenten)  680 rural communes	Other clusters of 20 or more houses Populated centres Scattered houses Inhabited places: towns, villages, hamlets, farms, etc Suburbs and agglomerations in rural communes	50 per cent of the economically active population engaged in agriculture  Urban: communes having more than 2,000 inhabitants in the chief town (chef-lieu)  Urban: municipalities of 20,000 or more inhabitants  Urban: cities and towns. In addition, the following classifications are shown: (1) suburbs of cities and towns in rural communes, (2) agglomerations in rural communes, (3) strictly rural  Urban: cities and towns regard-

Continent and	Number and type of division					Census definition of urban or rural
and country	Year	Major	Intermediate	Minor	Other divisions or classifications	areas1
Romania	19453	9 provinces	58 districts	155 cities and towns 6,480 rural communes	13,418 villages and hamlets	Urban: cities and towns estab- lished by law
Spain	1940	50 provinces	540 judicial districts	9,254 municipios	Populated centres (Entidades de población): cities, towns, villages, settlements, etc.	Urban: municipios of 10,000 or more inhabitants
Sweden	1945	1 national capital 24 departments	124 cities (städer) 284 cantons	64 market towns (Köpingar) 2,323 rural communes	235 municipal	Urban: cities, including national capital Rural: all other areas, classified into: (1) market towns, (2) municipal districts, (3) ag-
					districts 1,222 agglomerations of 200 or more inhabitants	glomerations of 200 or more inhabitants, (4) other rural
Switzerland	1941	25 cantons		3,107 communes		Urban: communes of more than 10,000 inhabitants
United Kingdom: England and Wales	1931	83 county boroughs 62 administrative counties		285 municipal boroughs 780 urban districts 645 rural districts		Urban: London administrative county, county boroughs, mu- nicipal boroughs and urban districts
Northern Ireland	1937	2 county boroughs 6 counties		2 municipal boroughs 30 urban districts 32 rural districts		Urban: cities (county boroughs) municipal boroughs and urban districts
Scotland	1931	4 cities 31 counties		24 large burghs 170 small burghs Landward areas	388 special lighting and scavenging districts	Urban: cities, burghs, specia lighting districts and specia scavenging districts of 1,000 or more inhabitants
USSR	1926	9 constituent republics	15 autonomous republics 15 autonomous provinces	Districts	Other districts Towns (i.e., legal towns)	Urban: towns of 500 or more in habitants, having an urban form of government
		(0)	(oblasts) National regions (okrugs)	(Rayons)	Settlements Villages	
Yugoslavia	1931	1 Belgrade prefecture 9 provinces	32 cities and towns 346 counties	4,623 communes	27,358 inhabited	Urban: cities and towns
				(Obstina)	places	

Oceania						
Australia	1947	6 states 2 territories }		(303 incorporated cities, towns and municipalities 707 shires, districts etc Unincorporated territory	Populated centres of 100 or more inhabitants 20 "census towns" in Tasmania	Urban: capital cities of states and adjoining urban municipal areas within boundaries defined for census purposes; capital cities of territories; those gities and towns of the states which are separately incorporated; unincorporated towns in Tas- mania whose boundaries were determined for census purposes
New Zealand	1945	10 provincial districts	128 independent cities and boroughs 32 independent town districts			Urban: independent cities, bor- oughs and town districts hav- ing a population of 1,000 or more
			129 administrative counties	600 ridings4	20 dependent town districts Populated centres	Alternate: 14 "urban areas" es- tablished for census purposes, each composed of (1) central city or borough, (2) associated boroughs and independent town districts and (3) urbanized portion of surrounding county

<sup>&</sup>lt;sup>1</sup> When only the urban is defined, it is understood that the remainder of the country is rural.

<sup>&</sup>lt;sup>2</sup> Communes are composed of 2,576 districts.
<sup>3</sup> Not a census year. Data on administrative divisions could not be obtained for a census year.

<sup>4</sup> One district has its chief town in common with the national capital.

<sup>5</sup> Approximate number.
6 Arrondissements are composed of 3,028 cantons.
7 Major administrative districts are composed of 938 small administrative districts.