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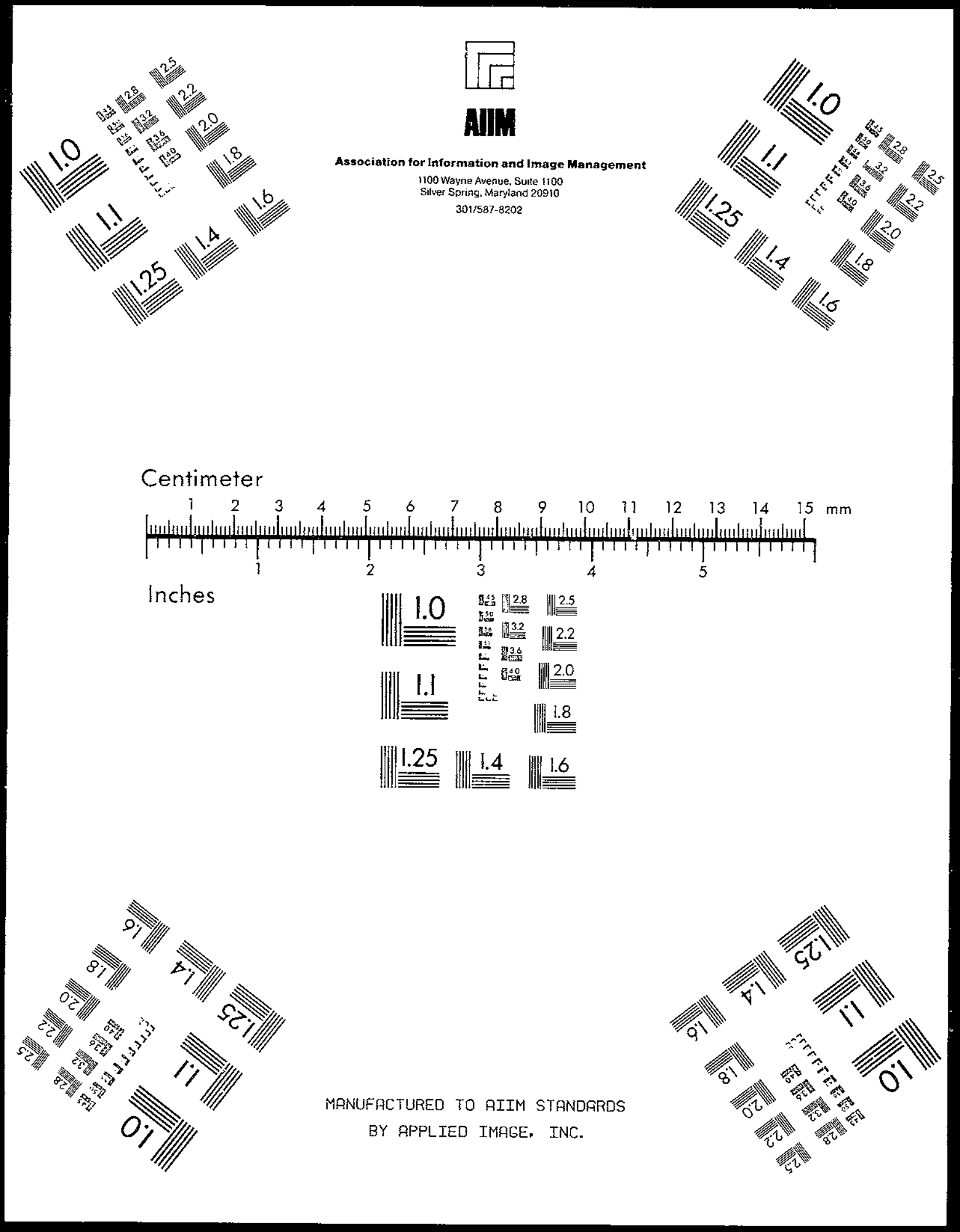
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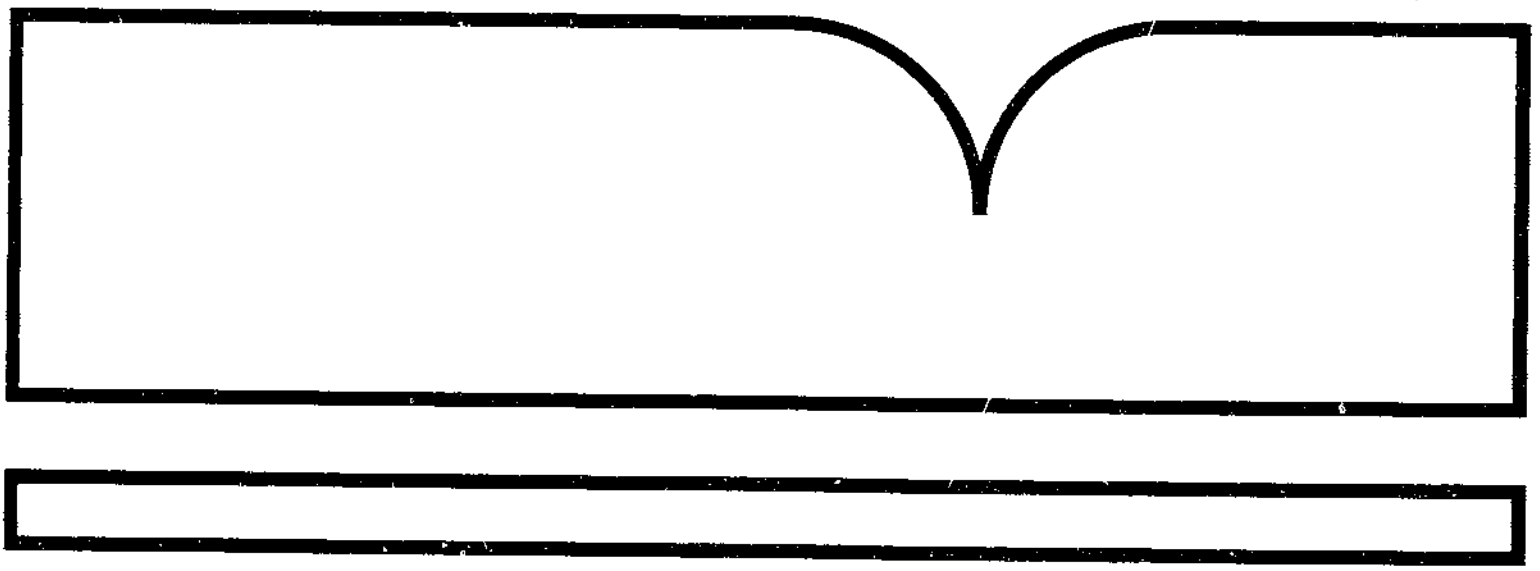

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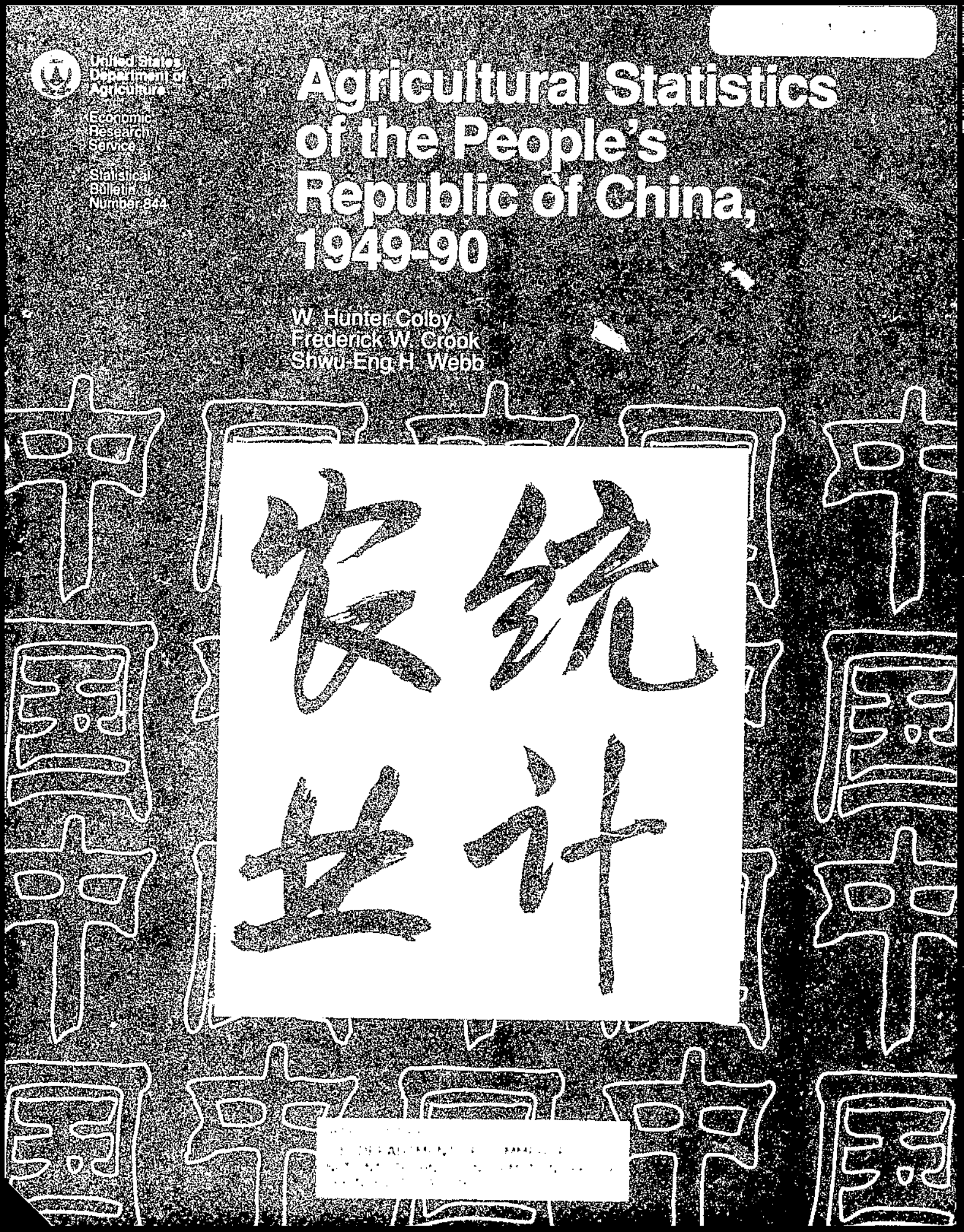
W. Hunter Colby
Frederick W. Crook
Shwu-Eng H. Webb



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This statistical bulletin consists of 285 tables of agricultural statistics for the People's Republic of China. The statistics cover land use, population, labor force, gross value of agricultural output, agricultural investment, crop production, crop sown area, state procurement, livestock inventory and slaughter, animal product output, input production and use, costs of production, consumption of agricultural commodities, selected retail price indices and mixed average procurement prices for selected agricultural crops, and finally, quantity and value of imports and exports of selected commodities. Data are presented for the national level and, when available, the provincial level as well.

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Abstract

This statistical bulletin consists of 285 tables of agricultural statistics for the People's Republic of China. The statistics cover land use, population, labor force, gross value of agricultural output, agricultural investment, crop production, crop sown area, state procurement, livestock inventory and slaughter, animal product output, input production and use, costs of production, consumption of agricultural commodities, selected retail price indices and mixed average procurement prices for selected agricultural crops, and finally, quantity and value of imports and exports of selected commodities. Data are presented for the national level and, when available, the provincial level as well.

Keywords: China, statistics, population, labor force, gross value of agricultural output, crops, livestock, agricultural inputs, costs of production, consumption, prices, and trade.

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Questions? For readers with questions on the statistics or the sources, please contact W. Hunter Colby, China Section, Economic Research Service, at (202) 219-0610.

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Agricultural Statistics of the People's Republic of China, 1949-90

W. Hunter Colby
Frederick W. Crook
Shwu-Eng H. Webb

Introduction

This statistical bulletin updates and expands the coverage of a 1988 publication, *Agricultural Statistics of the People's Republic of China, 1949-86*, SB-764. It compiles much of the important agricultural data that China's State Statistical Bureau (SSB) reported for 1949-90. This report forms a current agricultural database for China using statistics from a wide variety of official, primarily Chinese language, sources from the People's Republic of China (PRC). Because this report is restricted to official Chinese data, it is not necessarily consistent with data used by the U.S. Department of Agriculture (USDA). While USDA has used official data from China for recent years, not all of USDA's historical series have been revised to reflect the newly released historical statistical series, particularly when the data provided by China are incomplete.

This bulletin provides a relatively complete national historical series for 1949-90, along with a provincial series for 1979-90, for China's area and production of most major crops. Other agricultural data available from official sources are also covered in this report, including livestock production and inventory, selected series on production and use of major inputs, land use and population data, procurement prices, consumption statistics, and major agricultural imports and exports by commodity. Other important agricultural data, such as commodity-by-country trade statistics and detailed commodity prices, are either not yet available or beyond the scope of this report.

During the 1950's, the Government of the People's Republic of China published a great deal of statistical data. The economic disasters of the late 1950's and the political and social turmoil of the Cultural Revolution (1966-76), however, led to a 20-year period during which no official statistical data were released. Following the death of Mao Zedong in 1976 and the emergence of economic growth as an important priority of the leadership, China began rebuilding its statistical system.

In June 1979, the SSB released a state plan fulfillment communique describing the successes and failures of the state economic plan, the first in 20 years, and in August 1980, the first official statistical yearbook was published. Since then, a wide range of agricultural, economic, statistical, encyclopedic yearbooks, and other official statistical books, pamphlets, and economic plan communiques have been published.

Although China has revised some of its earlier figures (primarily on grain production) since data publication resumed in 1979, most remain unchanged from yearbook to yearbook. This suggests that the SSB has carefully scrutinized these statistics and considers them to be the best they can currently produce.

China initially published many of the series included in this report for only a few key years. Each subsequent yearbook has added data not available in earlier years; so gaps in some series have already been filled. China probably will eventually publish more of the important data needed to analyze production, consumption, and trade in the agricultural sector. A wide variety of data is collected by SSB enumerators every year. The SSB directs the surveys, prints the survey forms, and trains the survey personnel. The surveys are used to collect data on rural population, labor force conditions, crop production, livestock output, household income and expenditures, and commodity prices.

Area and yield estimates are compiled at local levels (county and prefecture) to arrive at provincial and then national production totals. Not all agricultural commodities are reported by the SSB. For data not available from the SSB, we used the annual *China Agriculture Yearbook* published by China's Ministry of Agriculture (MOA). In most cases, these data correspond closely to SSB data where there are overlaps, so the data from MOA are accepted as a secondary source of official data. MOA production and area data are collected by a somewhat different

statistical system. Therefore, there are occasions where there are more significant differences between the data reported by SSB and MOA.

Another source of crop and livestock data is China's Ministry of Commerce (MOC). The MOC publishes the *China Commerce Yearbook*, the only source for many of the procurement and consumption statistics presented in this bulletin. The MOC is also the only source for provincial-level grain procurement and sales data broken down by fixed and negotiated price. And finally, the MOC is the data source for total national, urban, and rural consumption of certain agricultural commodities. The reader should note that when consumption data are divided by the appropriate population, the resulting per capita consumption figures do not correspond exactly with the official per capita consumption data published by the SSB. As with the MOA, the MOC has its own internal statistical system to collect and process the data published in its yearbook.

Provincial-level cost-of-production data published here come from MOA's *China Agriculture Yearbook* and should be used with caution. The sample sizes are extremely small, and it is unknown whether or not the sample selection was random. For example, the rice cost-of-production survey for 1987 surveyed only 426 hectares of the 32.2 million hectares sown. As with any other survey, the accuracy of the survey depends on how representative the sample is and how clearly and consistently definitions, such as standard labor days, are applied. The meaning and consistency of definitions, both within and between crops, are also unknown. It is also unclear how the survey methodology may have changed following the dissolution of the commune system and the introduction of the household responsibility system (HPRS). SSB's *China Rural Statistics Yearbook* provides national-level cost-of-production data. However, the yields used by SSB do not correspond with the yields used by MOA, making the cost-per-yield data inconsistent. Furthermore, the MOA provides only provincial-level data, whereas the SSB provides only national-level data.

Peasant consumption and expenditure data included in this bulletin come primarily from household consumption, income, and expenditure surveys conducted by the SSB. Over time, the number of households surveyed has increased rapidly. The MOC also reports rural consumption data, but it is unclear where the statistics come from.

Urban resident consumption and expenditure data are reportedly calculated from MOC data (MOC controls the urban state and collective retail store networks) and from SSB surveys of family budget surveys of workers and employees. The surveys originated in the early 1950's by administrative units and industries. The quality of survey data improved in 1956-57, when a nationwide unified survey system was organized. Families selected for the sample included workers in enterprises owned or managed by the state, and engineers, technicians, teachers, and administrative personnel of government and public organizations. Statistical workers and administrative officials in the various provinces and cities used different sampling techniques. Some used proportional stratified sampling with systematic sampling inside strata. Others used systematic sampling but constructed the sample on the basis of composition of the labor force, degree of wage differentials, and the scale of production within the administrative unit. Others used a model selection process.

And finally, there are two official sources for trade statistics in China: China's Customs Administration (Customs) and the Ministry of Foreign Economic Relations and Trade (MOFERT). All quarterly volume and value statistics are from Customs. Data in the historical series are from MOFERT. In the MOFERT statistics, exports are on a free-on-board (f.o.b.) basis, while imports are on a cost, insurance, and freight (c.i.f.) basis. The data include all types of trade under the Ministry's jurisdiction, whether or not entering China's ports. The value added to goods imported, processed, and re-exported (such as labor costs and processing fees) is also included. But, MOFERT data exclude local trade not under its jurisdiction, trade of some joint ventures, and all individual dealings. MOFERT statistics also include aid commitments not yet delivered to China.

Statistics from Customs became available in 1981. These statistics differ from those of MOFERT because their coverage in some cases is more inclusive, particularly in more recent years as China's trade system has been liberalized. Statistics from the Customs Administration include all trade via China's ports and Customs-cleared aid donations. They also cover a broader range of imports and exports, including trade of local and provincial enterprises not reporting to MOFERT, all joint enterprises, all foreign-owned enterprises, and trade by individuals and firms. The full value of transshipments, principally through Hong Kong, is considered either as originating in, or bound for, that city. This helps to explain some of the large discrepancy that exists between official U.S. and Customs trade statistics. U.S. statistics record imports and exports according

to the country of origin and final destination of goods.

During the course of the 1980's, Customs-reported agricultural commodity statistics have gradually grown larger than those reported by MOFERT. Over time, MOFERT statistics have captured less and less of the trade as China has relaxed its centrally controlled trade system, and independent trading companies have taken over an increased volume of trade.

Definitions

Throughout all tables, "na" indicates that data are not available. Also, "--" indicates a number that is negligible (between 0 and 0.5), but is only used when found in the original source. Any numbers that are so small that they show as zero in the original source are left as zero. Therefore, zeros designate data that are available, but the value of which is zero or a negligible amount (less than 0.5). There are instances, however, where China's publications leave a cell empty rather than using a zero to report no production, and we are almost certain that the figure should in fact be a zero. In most cases, we chose to follow China's reporting because we could not definitively determine whether a particular entry should in fact have been a zero or "na." In these instances, "na" is used. Unless otherwise stated, tons refer to metric tons and years are calendar years and include production of crops harvested within that year.

Most provincial-level tables include a footnote indicating Hainan data are not available until 1988 and data for earlier years are included in the Guangdong Province figure. Until 1988, Hainan Island was only an administrative region (prefecture) within Guangdong Province. Hainan Island was accorded provincial status in 1988, making it necessary to add Hainan to the list of provinces. In a few tables, data are provided for Hainan Province before 1988. The numbers, taken from the *Hainan Tongji Nianjian (Hainan Statistical Yearbook)*, were then subtracted from the Guangdong Province number to balance the total. Hainan numbers were not added to most tables because of large inconsistencies between the reported Hainan province data and the prefecture-level data reported for Hainan in various Guangdong yearbooks (*Guangdongsheng Tongji Nianjian*). Full historical series for Hainan Province, therefore, await additional data releases from the SSB.

Numbers in parentheses below each table refer to items listed in the References section of this report. Although efforts were made to give complete source listings for each table, space limitations prevented the listing of all sources when data in a given table came from a wide variety of different sources.

USDA's regional categorization in the provincial tables differs from the regional groupings currently used in China's statistical publications. All regional totals, therefore, are sums of provincial data, not published PRC statistics. The sum of total provincial data in some cases does not equal the national total of the SSB. This may be because MOA and SSB have separate statistical systems, or, in the case of small differences, because the national totals used include the latest revisions and revised provincial details for the new SSB totals are not available. Finally, as far as is known, provincial data have been affected by, though not adjusted for, the July 1, 1979, changes in provincial boundaries. Inner Mongolia (*Nei Monggol*) was substantially enlarged at the expense of Heilongjiang, Jilin, and Liaoning.

Some data (such as provincial per capita consumption of specific goods or crop costs of production) cannot be summed to obtain a regional total because each province has a different population base or sample size. In these cases, provinces have been arranged in their normal regions and national totals or averages have been included, but the separate parts have not been summed to obtain a regional total.

The following definitions are valid unless otherwise indicated by a specific note attached to a table. It was not possible to get complete definitions for all terms used in the tables. China's statistical publications are notorious for the paucity of descriptive information for their statistics. An attempt was made to provide some guidance to the meanings of terms by collecting information and definitions from a wide variety of published and unpublished sources, as well as information gleaned from interviews with officials and researchers in China. Many of the definitions included here are, at least in part, from either a detailed 1979 handbook defining state farm statistics or a more general 1980 handbook defining basic agricultural statistics. We limited the use of state farm definitions to agronomic definitions of crops because these are the most likely to be the same across the various statistical systems (SSB, MOA, state farm, and others).

Aquatic products. Aquatic products include freshwater and saltwater fish and products, both

naturally cured and artificially cultured, including sea fish, seaweed, shellfish, mollusk, and crustacea. Water plants, such as water chestnuts and lotus roots, are excluded.

Area. Agricultural crop area statistics for China are reported on the basis of sown area rather than harvested area. Sown area is land on which crops are planted and from which a harvest is expected. Because land is frequently sown two or more times a year, sown area is substantially larger than cultivated area. Area of crops destroyed prior to the scheduled reporting date is excluded, but area suffering disasters after the scheduled reporting date is included. Seedbed area is excluded unless it is planted with another crop after the seedlings have been transplanted. Area of crops cultivated along roadsides is excluded, but area intercropped in orchards is included. Area of perennial crops is included in the year the crop yields a harvest, regardless of when the crops were planted. Crops regrown from the previous season's stubble are not counted again in the statistics for the second year's sown area.

Readers should be aware that some of China's agriculture officials and scholars believe that China drastically underreports grain area. Interviews with officials in China have found a general consensus that official cultivated area statistics underreport area by around 30 percent. See *China Agriculture and Trade Report*, Economic Research Service, USDA, July 1991, p. 18, for a brief report on the history and implications of underreporting cultivated grain area in China.

Bast fibers. Bast fibers include jute, ramie, flax, Indian hemp (*da ma*), and an "other bast fiber" category. The "other" category includes sisal (*jian ma*) and an unknown number of other minor bast fiber crops. Indian hemp is treated separately from ambary hemp (kenaf).

Cattle. Cattle statistics include yellow cattle (see definition), water buffalo, yaks (*maoniu*), and dairy cattle (both local and hybrid breeds).

Chemical fibers. Chemical fibers include two types of fibers: synthetic fibers (*hecheng xianwei*) and viscose fibers (*nianjiao xianwei*).

Cigarettes. Three common units of measurement for cigarettes are cases (*tiao*), cartons (*he*), and boxes (*xiang*). One case contains 250 cartons. Each carton contains 10 boxes of 20 cigarettes (*zhi*) each, for a total of 50,000 cigarettes or pieces per case.

Citrus fruit. Citrus fruit production and area statistics cover all varieties of citrus (orange, tangerine, grapefruit, and other).

Cloth. Cloth output, measured in linear meters, includes the total of pure cotton cloth, cotton blends, and pure synthetic fabrics. Output figures in square meters are available for 1978-83 with the average width rising from 0.933 meter in 1979 to 0.989 meter in 1983.

Corn. Corn output is reported on a dry kernel (shelled or off the cob) basis. Corn is considered to be on a dry weight basis when water content is between 14 and 18 percent, depending on the province.

Costs of production. China began publishing production cost data for major agricultural crops in 1986 (1984 data). The data should be used with caution. The sample size is very small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

Cotton. Cotton statistics are on a lint (deseeded) basis and exclude tree cotton (*mumian*).

Crop classification. China's crop classification separates crop area and production into three broad categories: grain crops, economic crops, and other crops. Economic crops (*jingji zuowu*) include most nongrain crops: cotton, jute, hemp, other fiber crops, oilseeds, sugarcane, sugarbeets, tobacco, medicinal crops, and a miscellaneous category. Other crops include vegetables, melons, fodder crops, and green manure.

Cultivated land. Cultivated land refers to permanent cropland and includes land left fallow for less than 3 years.

Customs. An abbreviated term for China's Customs Administration. See the definition under "trade."

Disaster. China tabulates cultivated area seriously affected (*chengzai*) by natural disaster. Disaster includes flood, drought, frost, freeze, wind, and hail damage. Serious damage is defined as normal yields reduced by 30 percent or more. Another category, slightly affected (*shouzai*) area, only tallies area with yield loss of 29 percent or less.

Draft animals. Draft animals are defined as animals used for field preparation or hauling, including yellow cattle, water buffalo, horses, mules, donkeys,

and camels. The data exclude draft animals too old to work or not actually used for draft work.

Edible oils. Edible oil production data are defined as edible vegetable oil (*shiyong zhiwu you*), differing substantially from other statistics given as the oil equivalent of total oilseed production or from per capita edible oil consumption data, which include both edible plant and animal oils. The edible oils from soybeans, rice bran, and corn, which would be excluded from the PRC definition of total oilseeds, are included in edible vegetable (plant) oil figures. Part of the cottonseed oil is also included. Edible animal oils would include lard and some other minor oils. See *Zhongguo Nongye Nianjian, 1983 (China Agriculture Yearbook, 1983)*, p. 147, for a comparison, by province, of the two different components of edible oil (vegetable and animal).

Eggs. Egg output and consumption statistics include chicken and duck eggs. Other minor eggs may also be included (goose, pigeon, quail, and other).

Farm machinery power. Total farm machinery power includes the total mechanical power of machinery used in farming, forestry, animal husbandry, fishery, and such farm sideline occupations as plowing, irrigating, draining, harvesting, farm product processing, agricultural transporting, plant protection, and stock breeding. It excludes machinery used in township (commune-run) industry, construction, nonagricultural transport, scientific experimentation, and teaching. Prior to 1986, internal combustion engines were counted according to horsepower, and electric motors were counted by converting from kilowatt to horsepower (1 horsepower equals 0.735 kilowatts). Since 1986, data were reported on a kilowatt basis, so pre-1986 data were converted to kilowatts to make the data consistent.

Fertilizer. Fertilizer statistics in China are measured in three different production units: actual, standard, and effective weight. Actual weight is the gross weight of the product. Standard weight is weight converted into weight of standard fertilizers: ammonium sulfate (20-percent nitrogen), superphosphate (18.7-percent P_2O_5), and potassium sulfate (40-percent K_2O). Effective weight measures the actual nutrient content. Standard fertilizer weights are not available after the early 1980's. Fertilizer application data prior to 1966 are not available, and fertilizer sales volume has been used as a proxy.

Fertilizer use. Fertilizer use is measured per unit of cultivated rather than sown area.

Forage area. Forage crop area in China includes area sown to fodder crops or sown and then used to graze livestock. Also, forage area may include lake, pond, or canal area used to grow water plants (water hyacinth and other) for fodder. Forage crop area includes alfalfa and elephant grass (*xiangcao*). Forage area excludes area used to grow grain to feed livestock (included in grain area statistics), although it includes grain area that is harvested for green silage use (green corn stems and other).

Forestry. Forestry comprises the planting of various kinds of trees (tea plantations, mulberry fields, and orchards are excluded), collection of forestry products, and cutting or felling of bamboo and trees.

Fruit. Fruit statistics do not include area or output from wild orchards or trees, or any fruit-type melons (watermelon, honeydew melon, cantaloupe, and other). Instead, all melons are included in either the melon category (fruit-type melons) or in the vegetable category (vegetable-type melons).

Goat's milk. Goat's milk output numbers are not available. The numbers presented are calculated as the residual from total milk production minus cow milk production.

Grain. Production figures for grain represent rough (unprocessed) weight. Potatoes are converted to grain equivalents on a 5:1 basis. Figures on total grain and potato production prior to 1964 have been adjusted to a consistent 5:1 dry weight grain basis. Official data for those years converted potatoes at a 4:1 rate. Beans are added based on weight after removal from pods and drying. The major grains (rice, wheat, corn, sorghum, and millet) are calculated on a dry, rough (unprocessed, unmilled, or unhusked) weight basis. Corn output is calculated on a shelled (off the cob) basis. See the definition of total grain production for all of the individual grains included. Grain consumption and trade data are reported on a trade weight basis.

Green manure. In China, green manure crop area statistics can include Chinese milk vetch (*ziyunying*), safflower grass (*honghuacao*), Chinese trumpet creeper (*tiaozi*), fragrant thoroughwort (*lanhuacao*), wild soybean (*shanmaodou*), and other miscellaneous plants used for green manure. Legume and rapeseed area for crops planted specifically for use as green manure is also included. If the crop was originally intended to be harvested, but the crop fails and the farmer uses it as green manure, then it continues to be counted under bean and rapeseed area.

Gross value of agricultural output (GVAO). GVAO data for China are very difficult to use. There is a variety of definitions, depending on the source of the data, for the activities that are included and those that are excluded in the statistics. Data for 1984-85 show that the statistics do not consistently differentiate between current prices and constant 1980 prices. A close comparison of current price GVAO and constant 1980 price GVAO data finds a number of provinces reporting identical numbers. Readers should see the specific footnotes below the individual GVAO tables for more information on the discrepancies.

Hemp. See jute and Indian hemp.

Huma. In China, huma is used to produce an edible oil, *huma you*, almost indistinguishable from sesame oil (*zhima you*). Huma oil is the primary edible oil in China's northwestern provinces, which grow few other oilseeds for edible oil.

Indian hemp. Indian hemp (*da ma*) is separate from ambary hemp. It is not clear if meng hemp (also called Indian mallow or China jute) is included in the Indian hemp statistics or in the jute and ambary hemp statistics (see jute and ambary hemp).

Investment. Agricultural investment is generally broken down into two categories: state budgetary expenditures on agriculture and agricultural capital construction investment (which covers construction, expansion, transformation and restoration projects, as well as purchases and installation of equipment). State budgetary expenditures include investment in capital construction, rural production support, and working capital. National agricultural capital construction investment, broken down by sector (crops, livestock, forestry, aquatics, water conservation, meteorology, and services), includes investments by all levels of government. Individual or collective (sometimes referred to as extrabudgetary) investment in agriculture is excluded. The definition for national agricultural capital construction investment was changed in the mid-1980's to exclude agricultural capital construction investment in meteorological facilities.

Irrigated area. Irrigated area is level land that is effectively irrigated or has water sources and complete sets of irrigation equipment to lift and move adequate water to the fields under normal conditions.

Jute and ambary hemp. Jute (*huanghong ma*) statistics include ambary hemp (kenaf). Jute is separate from Indian hemp (*da ma*). It is not clear whether meng hemp (also known as Indian mallow or China jute) is included in jute or whether it is included in Indian hemp. Older jute series are reported on an unprocessed basis. More recent series are reported on a processed basis and have adjusted the older data to reflect the change.

Knits. Data on knits or knitted goods include both knitting wool and woolen knitwear.

Livestock. Livestock statistics include all animals, whether used in agriculture or not, but exclude all aquaculture (cultured, freshwater, and saltwater).

Meat. See red meat and poultry meat.

Mixed average price. Mixed average retail or procurement prices are an average of the fixed, negotiated, and open market prices for a commodity, as well as an average of various standards, grades, and qualities.

MOFERT. An abbreviated term for China's Ministry of Foreign Economic Relations and Trade. See trade.

Multiple crop index (MCI). The multiple crop index (or MCI) is a common measure of the intensity of land use. It is the ratio of sown area to cultivated area, expressed as a percentage.

Mutton. Mutton data include both sheep and goat meat. Only inventory statistics separate sheep and goat data.

Oilseed crops. Oilseed crops, according to China's official definition, include peanut, rapeseed, sesameseed, sunflowerseed, huma, and a number of minor oilseeds. Soybean, cottonseed, and oil-bearing seeds and nuts from trees are excluded. Soybeans, excluded from oilseed crops, are considered a grain crop in China's statistics.

Other edible oilseeds. Other edible oilseed data are calculated as a residual. Other edible oilseeds include such miscellaneous crops as castor bean, safflowerseed, and perillaseed.

Other grains. It is unclear exactly which grains make up the other grain category, although it probably includes barley, oats, buckwheat, proso millet, meng beans, broad beans, ormosia beans, and an unknown number of other minor grains or legumes. Other grain production is measured minus the pod and on a dry weight basis.

Peanut. Peanut output statistics are calculated on a shelled, dry weight basis.

Population. Population statistics include military personnel, but exclude Taiwan. Rural population refers to persons whose permanent residence is outside the jurisdiction of a city or a town. In 1982, 1984, and 1991, the definitions for rural and urban populations were changed. With the 1991 change, the rural and urban statistics were recalculated back to the year 1982; earlier data (1949-81) remained unchanged.

Potatoes. See tubers.

Poultry meat. Poultry meat output and consumption statistics include meat from all varieties of poultry (chicken, duck, goose, and other).

Procurement. Procurement data are usually on a trade-grain (milled) rather than a raw-grain (unmilled) basis. The most inclusive category of procurement, total social procurement (*shehui shougou*), includes all procurement by all types of government and nongovernment entities (supply and marketing cooperatives, authorized factories or processing plants, and other). Two other less inclusive categories of procurement that are also frequently encountered in the statistics are state commercial enterprise and supply and marketing cooperative procurement (*quanmin suoyou shangye he gongxiao hezuoshe shougou*) and total commercial procurement (*shehui shangye shougou*). It is unclear which of these two lesser categories is more inclusive than the other, though it is likely that total commercial procurement is the smaller of the two.

Procurement prices. Procurement prices are the prices paid by the State, industrial enterprises, or individuals to the peasant for agricultural crops. These prices are generally reported as a mixed average of fixed, negotiated, and free market procurement prices and are based on a variety of standards, varieties, and grades for each commodity.

Raw grain. A raw-grain basis means all the grains are unprocessed (unhusked). Generally, production statistics are on a raw-grain basis, while consumption, trade, and procurement statistics are on a trade-grain (processed) basis.

Red meat. Red meat output (including beef, pork, and mutton) refers to carcass weight. In general, red meat statistics exclude heads, hooves, and offal, but include bone.

Rice. Rice includes water and dryland variety rice. Rice grown in northern China is single crop late rice, also called northern rice. Rice grown in southern China includes early rice, intermediate and single-crop late rice, and double-crop late rice. Output is generally measured on a dry, rough-weight basis.

Rural labor force. China's rural labor force refers to the series originally reported by the SSB as rural collective and individual laborers (*nongcun jiti he geti laodongzhe*). Rural labor is broken down into farm work, rural industry, construction, transportation, commerce, and miscellaneous occupations. Beginning in 1985, new definitions were used to compile rural and urban labor force statistics. These new definitions were used to adjust the old data back to 1978. In 1978, rural industrial labor at and below the village-level was shifted from agriculture to industry.

Shoes. Data on shoes include rubber, sports (athletic), and leather shoes.

Slaughter rate. The slaughter rate of livestock, a measure of the rate of slaughter of animal inventory, is calculated by dividing slaughter during a given year by the beginning inventory of that year or the ending inventory of the previous year.

Soybean. Soybean includes the following varieties: yellow (*huang*), green (*qing*), black (*hei*), and others. Soybean production statistics are on a dry, out-of-pod-weight basis.

Sugar. Sugar statistics in China include processed cane sugar and beet sugar. The statistics are presented simply as "sugar" (*tang*), without further explanation. Officials in China have told USDA officials that sugar production and trade figures are reported on a refined rather than a raw weight basis, but we were unable to confirm that interpretation. They also indicated that approximately 75 percent is white sugar and 25 percent is brown sugar.

Sugarbeet. Sugarbeet production figures are on the basis of beet root weight (excluding leaves and stalks). All sugarbeet production is included in output statistics, no matter the ultimate end use (produce sugar, use for livestock feed, or use as a vegetable).

Sugarcane. Sugarcane production is computed on a cane stalk weight basis (excludes leaves). Output statistics include both sugarcane (*tangzhe*) and fruitcane (*guozhe*). Harvesting of sugarcane begins in the winter of one calendar year and ends in the

spring of the following year. All harvested output is reported under the statistics of the first calendar year.

Tea. Tea production statistics include all tea harvested, whether from cultivated area or wild tea plants. Tea production is calculated on a dry weight basis.

Tobacco. Tobacco output is on a dry weight basis. China reports data for total tobacco leaf and the flue-cured portion. The remainder is probably made up of a number of local tobacco varieties. "Other tobacco" is calculated by subtracting flue-cured tobacco from total tobacco.

Total grain. Total grain includes rice, wheat, corn, sorghum, millet, other miscellaneous grains, tubers (potatoes), and soybeans. Minor grains and pulses are included in the "other miscellaneous grains" category.

Total oilseeds. Total oilseeds include sunflowerseed, peanuts, rapeseed, sesameseed, huma, and other such miscellaneous oilseed crops as castor bean, safflowerseed, and perillaseed. Soybeans, cottonseed, and oil-bearing seeds and nuts from trees are not included.

Tractors, large and medium. The current definition for large and medium tractors is 20 horsepower (hp) or more; small tractors have less than 20 hp. Previously, large tractors were 60 hp, medium tractors were 30-59 hp, and small tractors were less than 29 hp. It is not clear when the change was made or if the old statistics were adjusted to reflect this change.

Tractors, small. Small tractors are currently defined as tractors with less than 20 horsepower. Formerly, this category included tractors with less than 29 horsepower.

Trade. Data in the historical trade series are all from China's Ministry of Foreign Economic Relations and Trade (MOFERT). In MOFERT statistics, exports are on a free-on-board (f.o.b.) basis, while imports are on a cost, insurance, and freight (c.i.f.) basis. MOFERT data include all types of trade under the Ministry's direct jurisdiction, whether or not entering China's ports. The value added to goods imported, processed, and then re-exported (such as labor costs and processing fees) is included. MOFERT statistics also include aid commitments that have not yet been delivered to China. However, MOFERT data exclude local trade not under its jurisdiction, some joint venture trade, and all individual dealings.

Statistics from China's Customs Administration became available in 1981. These statistics differ from those of MOFERT. Particularly in the early 1980's, Customs numbers tended to be lower than MOFERT because coverage in some cases was more limited. However, as ever-increasing numbers of independent (non-MOFERT administered) trading enterprises have been established, Custom's statistics have grown to be larger than those provided by MOFERT. Statistics from the Customs Administration include trade only via China's ports and only Customs-cleared aid donations. But, they include the full value of goods imported, processed, and re-exported. They also cover a broader range of imports and exports, including trade of local and provincial enterprises not reporting to MOFERT, all joint enterprises, and trade by individuals and firms.

Trade grain. Statistics on procurement and sales of grain are reported on a trade-grain basis. Trade grain is defined as unhusked rice and millet that have been converted into husked forms, according to standard conversion factors. Other grains (wheat, sorghum, and other) remain in their unprocessed weight. Generally, consumption, trade, and procurement statistics are on a trade-grain basis, while production statistics are on a raw-grain basis.

Tubers. Tubers are considered a grain crop in China and are included in total grain production statistics. Both sweetpotatoes and Irish potatoes are included, but, in recent years taro and cassava were excluded. Some Irish potato production is excluded. In some provinces, potatoes grown for use as vegetables are not counted as grain. Tuber statistics are converted to grain equivalents on a 5:1 dry weight grain basis. Tuber data prior to 1965 were converted on a 4:1 basis, so those years were adjusted to the new standard 5:1 equivalent basis.

Vegetable. Figures are available for total vegetable area only. China's statistical system does not collect vegetable production data. All areas sown to vegetables and vegetable-type melons (cucumber, squash, pumpkin, winter melon, bitter melon, towel gourd, and others) are included. Area sown to fruit-type melons (watermelon, cantaloupe, muskmelon, and others) is excluded. Instead, fruit-type melon area is included in a separate melon category. Other items included in vegetable area statistics are fennel (aniseed), water-bamboo (*jiaobei*), taro (*yutou*), and ginger (*shengjiang*).

Winter wheat. Winter wheat output and area data are not published. However, it was derived by subtracting published spring wheat data from total wheat.

Wool. Total wool production data include mohair (*shanyangmao*) and sheep wool (*mianyangmao*), but exclude cashmere (*shanyangrong*). Sheep wool output is separated into fine (60's count grade or higher) and semi-fine (36 to 58's count grade) wool output.

Yarn. Yarn is the total of cotton yarn, synthetic yarn, and cotton-synthetic blended yarn. Only national-level data are available for pure cotton yarn output.

Yellow cattle. Yellow cattle is a generic term for all of China's native cattle.

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Chapter 1

China's Basic Social and Economic Indicators

This chapter includes national- and provincial-level statistics on China's population, labor force, land area, cultivated area, sown area, multiple crop index (MCI), national income, gross value of output (GVO), gross value of agricultural output (GVAO), gross value of rural industrial output (GVRIO), agricultural investment, national bank receipts and payments, and Rural Credit Cooperative (RCC) deposits and loans.

Table 1--Population and labor force, China, 1949-90

Year	Population[1]		Labor force		
	Total	Rural	Total (1)[2]	Total (2)[3]	Rural[4]
			Thousands		
1949	541,670	484,020	na	180,820	165,490
1950	551,960	490,270	na	na	na
1951	563,000	496,680	na	na	na
1952	574,820	503,190	na	207,290	182,430
1953	587,960	509,700	na	213,640	186,100
1954	602,660	520,170	na	218,320	190,880
1955	614,650	531,800	na	223,280	195,260
1956	628,280	536,430	na	230,180	200,250
1957	646,530	547,040	na	237,710	205,660
1958	659,940	552,730	na	266,000	213,000
1959	672,070	548,360	na	261,730	207,840
1960	662,070	531,340	na	258,800	197,610
1961	658,590	531,520	na	255,900	202,540
1962	672,950	556,360	na	259,100	213,730
1963	691,720	575,260	na	266,400	220,370
1964	704,990	575,490	na	277,360	229,080
1965	725,380	594,930	na	286,700	235,340
1966	745,420	612,290	na	298,050	244,510
1967	763,680	628,200	na	308,140	253,680
1968	785,340	646,960	na	319,150	262,850
1969	806,710	665,540	na	332,250	274,000
1970	829,920	685,680	na	344,320	281,200
1971	852,290	705,180	na	356,200	287,520
1972	871,770	722,420	na	358,540	286,540
1973	892,110	738,660	na	366,520	292,640
1974	908,590	752,640	na	373,690	296,820
1975	924,200	763,900	na	381,680	299,460
1976	937,170	773,760	na	388,340	301,420
1977	949,740	783,050	na	393,770	302,500
1978	962,590	790,140	401,520	398,560	306,380
1979	975,420	790,470	410,240	405,810	310,250
1980	987,050	795,650	423,610	418,960	318,360
1981	1,000,720	799,010	437,250	432,800	326,720
1982	1,016,540	801,740	452,950	447,060	338,670
1983	1,030,080	807,340	464,360	460,040	346,900
1984	1,043,570	803,400	481,970	475,970	359,680
1985	1,058,510	807,570	498,730	na	370,650
1986	1,075,070	811,410	512,820	na	379,900
1987	1,093,000	816,260	527,830	na	390,000
1988	1,110,260	823,650	543,340	na	400,670
1989	1,127,040	831,640	553,290	na	409,390
1990	1,143,330	841,420	567,400	na	420,100

[1] Includes military personnel. Data for 1982-90 reflect the new 1990 census definitions for urban and rural residents.

[2] Total (1) data reflect the 1985 definition changes used to compile labor force statistics.

[3] Total (2) data reflect the pre-1985 labor force definitions.

[4] No footnotes were found for labor data definition changes.

Sources: (30, pp. 91, 124), (33, pp. 87, 101-102, 120), (35, pp. 79, 95-96, 113), and (55, pp. 14-15).

Table 2--Total and rural labor force, by sector, China, 1949–90

Year	Total labor force by sector				Rural labor force by sector			
	Agric (1)[1,3]	Agric (2)[2]	Industry[1,3]	Other[1]	Agric (1)[1,3]	Agric (2)[2]	Industry[1,3]	Other[1]
	Thousands							
1949	na	na	na	na	na	na	na	na
1950	na	na	na	na	na	na	na	na
1951	na	na	na	na	na	na	na	na
1952	na	173,170	na	na	na	na	na	na
1953	na	177,480	na	na	na	na	na	na
1954	na	181,520	na	na	na	na	na	na
1955	na	185,930	na	na	na	na	na	na
1956	na	185,450	na	na	na	na	na	na
1957	na	193,100	na	na	na	192,000	na	na
1958	na	154,920	na	na	na	151,180	na	na
1959	na	162,730	na	na	na	158,200	na	na
1960	na	170,190	na	na	na	163,300	na	na
1961	na	197,490	na	na	na	191,290	na	na
1962	na	212,780	na	na	na	207,610	na	na
1963	na	219,680	na	na	na	214,300	na	na
1964	na	228,030	na	na	na	221,950	na	na
1965	na	233,980	na	na	na	225,010	na	na
1966	na	242,990	na	na	na	na	na	na
1967	na	251,670	na	na	na	na	na	na
1968	na	260,650	na	na	na	na	na	na
1969	na	271,190	na	na	na	na	na	na
1970	na	278,140	na	na	na	na	na	na
1971	na	284,000	na	na	na	na	na	na
1972	na	282,860	na	na	na	na	na	na
1973	na	288,610	na	na	na	na	na	na
1974	na	292,220	na	na	na	na	na	na
1975	na	294,600	na	na	na	287,000	na	na
1976	na	294,480	na	na	na	286,450	na	na
1977	na	293,450	na	na	na	284,720	na	na
1978	283,730	294,260	60,910	56,880	274,880	284,560	17,340	14,160
1979	286,920	294,250	62,980	60,340	278,350	290,720	17,560	14,340
1980	291,810	302,110	67,140	64,660	283,340	298,080	19,420	15,600
1981	298,360	311,710	69,750	69,140	289,600	306,780	19,810	17,110
1982	309,170	320,130	72,040	71,740	300,620	311,530	20,730	17,320
1983	312,090	325,100	73,970	78,300	303,500	316,450	21,680	21,720
1984	309,270	325,380	79,300	93,400	300,800	316,850	25,490	33,390
1985	311,870	na	83,490	103,370	303,510	na	27,410	39,730
1986	313,110	na	89,800	109,910	304,680	na	31,390	43,830
1987	317,200	na	93,430	117,200	308,700	na	32,970	48,330
1988	323,080	na	96,610	123,650	314,560	na	34,130	51,980
1989	332,840	na	95,680	124,770	324,410	na	32,560	52,420
1990	341,770	na	96,970	128,660	333,360	na	32,290	54,450

[1] New definitions were introduced in 1985 for compiling labor force statistics (old data were adjusted back to 1978).
[2] These statistics follow the old set of labor force definitions.
[3] From 1978–90, rural industrial labor at and below the village level was moved from agriculture to industry.

Sources: (30, pp. 91, 124), (33, pp. 87, 101–102, 120), (55, pp. 14–15), and (35, pp. 79, 95–96, 113).

Table 3--Total population, by region and province, China, 1982-90

Region/province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Thousands				
Northeast	91,310	92,042	92,340	92,950	93,728	94,777	95,845	97,138	99,333
Heilongjiang	32,810	33,056	32,950	33,110	33,315	33,640	34,015	34,424	35,215
Liaoning	35,920	36,291	36,550	36,860	37,260	37,774	38,255	38,760	39,460
Jilin	22,580	22,695	22,840	22,980	23,153	23,364	23,574	23,954	24,659
North	246,130	248,696	251,160	253,510	256,502	260,346	264,596	269,564	279,349
Shandong	74,940	75,636	76,370	76,950	77,764	78,895	80,092	81,809	84,393
Hebei	53,560	54,202	54,870	55,480	56,170	56,958	57,919	58,884	61,082
Beijing	9,190	9,335	9,470	9,600	9,751	9,926	10,039	10,247	10,819
Tianjin	7,780	7,886	7,990	8,080	8,188	8,325	8,434	8,569	8,785
Henan	75,200	75,914	76,460	77,130	78,078	79,335	80,798	82,311	85,510
Shanxi	25,460	25,723	26,000	26,270	26,551	26,908	27,314	27,744	28,759
Northwest	89,180	89,833	91,190	92,330	93,634	95,042	96,513	98,175	100,979
Shaanxi	29,040	29,309	29,660	30,020	30,426	30,882	31,400	31,980	32,882
Gansu	19,750	19,875	20,160	20,410	20,711	21,034	21,357	21,708	22,371
Nei Monggol	19,370	19,555	19,850	20,070	20,293	20,536	20,830	21,125	21,457
Ningxia	3,930	3,983	4,060	4,150	4,243	4,352	4,445	4,548	4,655
Xinjiang	13,160	13,185	13,440	13,610	13,836	14,063	14,264	14,542	15,156
Qinghai	3,930	3,926	4,020	4,070	4,125	4,175	4,215	4,273	4,457
East	162,100	163,485	164,720	166,160	167,895	170,053	172,476	174,904	178,025
Zhejiang	39,240	39,631	39,930	40,300	40,701	41,212	41,698	42,089	41,446
Jiangsu	60,890	61,350	61,710	62,130	62,699	63,480	64,383	65,359	67,057
Shanghai	11,810	11,940	12,050	12,170	12,323	12,495	12,624	12,764	13,342
Anhui	50,160	50,564	51,030	51,560	52,172	52,866	53,771	54,692	56,181
Central	136,010	137,290	138,580	140,130	141,941	143,996	146,934	149,327	152,339
Hubei	48,010	48,353	48,760	49,310	49,890	50,581	51,443	52,239	53,969
Hunan	54,520	55,094	55,610	56,220	56,957	57,826	59,157	60,136	60,660
Jiangxi	33,480	33,843	34,210	34,600	35,094	35,590	36,334	36,952	37,710
South	122,750	124,475	126,490	128,390	130,415	132,641	134,891	137,027	141,681
Guangdong	59,870	60,748	61,660	62,530	63,463	64,472	59,283	60,250	62,829
Guangxi	36,840	37,329	38,060	38,730	39,459	40,164	40,881	41,499	42,246
Fujian	26,040	26,398	26,770	27,130	27,493	28,005	28,452	28,891	30,048
Hainan[1]	na	na	na	na	na	na	6,275	6,388	6,557
Southwest	163,690	164,891	166,030	167,610	169,855	172,307	175,286	177,424	178,778
Sichuan	100,220	100,755	101,120	101,880	103,195	104,584	105,897	107,003	107,218
Guizhou	28,750	29,015	29,320	29,680	30,079	30,514	31,439	31,840	32,391
Yunnan	32,830	33,190	33,620	34,060	34,556	35,130	35,826	36,422	36,973
Xizang	1,890	1,931	1,970	1,990	2,025	2,079	2,123	2,159	2,196
Sum of above[2]	1,011,170	1,020,712	1,030,510	1,041,080	1,053,970	1,069,164	1,086,540	1,103,561	1,130,483
SSB total[3]	1,015,410	1,024,950	1,034,750	1,045,320	1,057,210	1,080,730	1,096,140	1,111,910	1,143,330

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

[2] The 1990 sum of the provinces is 3,199,100 less than the sum provided in the China Agriculture Yearbook (1,133,682,501). It is unclear whether the discrepancy involves the provincial numbers or the summation.

[3] The State Statistical Bureau (SSB) totals differ slightly from the sum of the provinces because SSB data (China Statistical Yearbook) include armed forces personnel and Ministry of Agriculture (MOA) data (China Agriculture Yearbook) do not.

Sources: (5, p. 20), (6, p. 66), (7, p. 119), (8, p. 150), (9, p. 195), (10, p. 211), (11, p. 236), (12, p. 241), and (13, p. 270).

Table 4--Agricultural population, by region and province, China, 1982–90

Region/province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Thousands				
Northeast	57,727	57,675	56,802	56,200	56,480	56,504	56,560	57,024	57,692
Heilongjiang	20,263	20,305	19,908	19,753	19,726	19,723	19,752	19,865	20,085
Liaoning	22,525	22,496	22,075	21,837	22,171	22,252	22,321	22,513	22,724
Jilin	14,939	14,874	14,819	14,610	14,583	14,529	14,487	14,646	14,883
North	210,028	211,351	211,106	211,265	213,841	215,845	216,219	218,195	225,259
Shandong	67,205	67,533	67,006	66,776	67,971	68,445	67,020	66,982	68,460
Hebei	46,883	47,279	47,592	47,900	48,346	48,835	49,523	50,172	52,315
Beijing	3,848	3,863	3,887	3,876	3,880	3,914	3,893	3,938	3,953
Tianjin	3,651	3,665	3,595	3,607	3,700	3,761	3,743	3,785	3,830
Henan	67,728	68,179	68,140	68,115	68,914	69,704	70,639	71,659	74,522
Shanxi	20,713	20,832	20,886	20,990	21,029	21,186	21,400	21,659	22,178
Northwest	70,776	70,954	71,580	71,716	72,501	73,232	74,009	74,976	76,870
Shaanxi	24,331	24,464	24,572	24,620	25,015	25,305	25,651	26,038	26,660
Gansu	16,966	16,983	17,189	17,299	17,453	17,670	17,899	18,159	18,683
Nei Monggol	14,116	14,215	14,392	14,346	14,435	14,477	14,543	14,640	14,878
Ningxia	3,201	3,233	3,287	3,314	3,333	3,378	3,421	3,474	3,543
Xinjiang	9,218	9,129	9,198	9,225	9,339	9,441	9,506	9,629	10,006
Qinghai	2,944	2,930	2,942	2,912	2,926	2,962	2,989	3,036	3,101
East	134,186	134,871	131,846	129,072	134,348	135,581	136,391	137,429	140,499
Zhejiang	33,878	34,130	34,255	32,980	34,172	34,551	34,876	35,155	35,427
Jiangsu	51,760	51,960	48,694	48,043	51,273	51,727	51,568	51,618	52,708
Shanghai	4,492	4,482	4,440	3,733	4,298	4,272	4,235	4,206	4,189
Anhui	44,056	44,299	44,457	44,316	44,606	45,030	45,712	46,450	48,176
Central	115,901	116,735	116,026	115,440	116,704	117,875	119,907	121,457	124,083
Hubei	40,104	40,235	39,522	38,826	39,086	39,473	39,962	40,399	41,729
Hunan	47,847	48,290	48,168	48,260	48,890	49,395	50,356	51,037	51,824
Jiangxi	27,950	28,210	28,336	28,355	28,728	29,007	29,589	30,020	30,530
South	103,956	105,149	105,798	106,109	107,267	108,558	109,878	110,959	114,597
Guangdong	49,210	49,759	49,646	49,432	49,754	50,157	45,618	46,022	47,690
Guangxi	32,628	33,021	33,608	34,018	34,570	35,059	35,566	35,892	36,766
Fujian	22,118	22,369	22,544	22,659	22,943	23,342	23,686	23,983	24,994
Hainan[1]	na	na	na	na	na	na	5,008	5,062	5,146
Southwest	143,735	144,442	144,737	144,984	147,046	148,887	151,310	153,010	154,871
Sichuan	87,403	87,582	87,280	87,043	88,339	89,379	90,388	91,223	92,187
Guizhou	25,441	25,649	25,881	26,090	26,436	26,786	27,605	27,934	28,402
Yunnan	29,248	29,527	29,862	30,113	30,505	30,936	31,495	31,996	32,400
Xizang	1,643	1,684	1,714	1,737	1,767	1,787	1,822	1,858	1,882
Sum of above	836,309	841,177	837,895	834,786	848,187	856,481	864,274	873,050	893,870
SSB total[2]	827,990	835,360	843,005	844,197	850,072	857,131	867,254	878,310	895,903

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

[2] The State Statistical Bureau (SSB) totals differ slightly from the sum of the provinces because SSB data (China Statistical Yearbook) include armed forces personnel and Ministry of Agriculture (MOA) data (China Agriculture Yearbook) do not.

Sources: (5, p. 20), (6, p. 66), (7, p. 119), (8, p. 150), (9, p. 195), (10, p. 211), (11, p. 236), (12, p. 241), and (13, p. 273).

Table 5--Land area, by type, China, 1975-90

Year	Cultivated area[1]	Forest area[2]	Fresh-water area[3]	Grassland[4]	Grass plain[4]	
					Total	Usable plain area
			1,000 hectares			
1975	99,710	na	na	356,667	na	na
1976	99,388	na	na	na	na	na
1977	99,247	na	na	na	na	na
1978	99,390	na	na	na	na	na
1979	99,498	na	na	388,429	319,080	na
1980	99,305	na	na	388,150	na	na
1981	99,038	119,780	16,640	391,889	319,080	224,340
1982	98,606	119,780	16,640	396,278	319,080	224,340
1983	98,362	115,250	16,640	393,666	319,080	224,340
1984	97,854	115,250	16,640	405,859	319,080	224,340
1985	96,850	115,250	16,640	407,855	319,080	224,340
1986	96,230	115,250	16,640	407,855	319,080	224,340
1987	95,890	115,250	16,640	407,855	319,080	224,340
1988	95,720	124,650	16,640	392,514	319,080	224,340
1989	95,660	124,650	16,640	408,499	319,080	224,340
1990	95,670	124,650	16,640	na	319,080	224,340

[1] Cultivated land refers to permanent cropland and includes land left fallow for less than 3 years. See China Agriculture and Trade Report, USDA/Economic Research Service, July 1991, pp. 18-19, for a brief discussion of China's underreporting of cultivated land and area sown to grains.

[2] Forest area includes manmade and natural forests, but not shrubs, or thin or depleted forests.

[3] Freshwater area refers to areas occupied by rivers, lakes, ponds, and reservoirs.

[4] It is unclear exactly how grassland (*cao di*) and grass plain (*cao yuan*) differ. One definition found for grass plain states that it includes all area covered by natural, manmade, or improved grass, but excludes grass-covered hills and slopes in agricultural areas. Therefore, it seems plausible that grassland is a more general term that includes grass plain and grass-covered hills and slopes in agricultural areas.

Sources: (8, p. 176), (26, pp. 3-4), (27, pp. 3-4), (28, pp. 3-4), (29, pp. 3-4), (30, p. 6), (31, p. 6), (32, p. 6), (33, p. 6), (34, p. 6), (35, p. 5), and (55, p. 2).

Table 6--Cultivated area, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	16,536	16,530	16,501	16,437	16,518	16,572	16,516	16,372	16,312	16,264	16,264	16,232
Heilongjiang	8,698	8,726	8,727	8,723	8,783	8,908	8,930	8,869	8,859	8,834	8,834	8,827
Liaoning	3,778	3,760	3,699	3,665	3,665	3,625	3,586	3,529	3,492	3,479	3,479	3,470
Jilin	4,060	4,044	4,075	4,049	4,070	4,039	3,999	3,973	3,961	3,951	3,951	3,936.
North	25,841	25,796	25,780	25,717	25,625	25,599	25,303	25,147	25,049	24,976	24,976	24,921
Shandong	7,255	7,241	7,237	7,202	7,188	7,162	7,038	6,964	6,924	6,896	6,896	6,868
Hebei	6,650	6,615	6,641	6,642	6,621	6,629	6,603	6,592	6,577	6,567	6,567	6,560
Beijing	426	426	424	424	423	422	421	419	418	416	416	414
Tianjin	468	464	462	461	457	454	447	441	438	433	433	432
Henan	7,136	7,128	7,106	7,109	7,079	7,079	7,033	6,999	6,973	6,956	6,956	6,944
Shanxi	3,906	3,921	3,910	3,879	3,857	3,853	3,761	3,732	3,719	3,707	3,707	3,702
Northwest	17,544	17,286	17,146	17,083	16,963	16,755	16,490	16,370	16,309	16,338	16,337	16,370
Shaanxi	3,845	3,816	3,782	3,775	3,749	3,686	3,627	3,590	3,563	3,551	3,551	3,541
Gansu	3,543	3,554	3,544	3,564	3,552	3,528	3,491	3,480	3,479	3,476	3,475	3,477
Nei Monggol	5,364	5,252	5,180	5,111	5,089	5,006	4,930	4,895	4,851	4,871	4,871	4,912
Ningxia	899	896	884	864	838	810	795	791	791	796	796	795
Xinjiang	3,316	3,182	3,169	3,187	3,158	3,153	3,083	3,050	3,061	3,076	3,076	3,073
Qinghai	577	587	587	582	577	572	565	563	565	568	568	572
East	11,271	11,265	11,275	11,240	11,249	11,202	11,142	11,091	11,053	11,015	11,015	10,990
Zhejiang	1,829	1,823	1,821	1,818	1,817	1,806	1,777	1,754	1,745	1,736	1,737	1,731
Jiangsu	4,640	4,641	4,649	4,632	4,642	4,621	4,604	4,591	4,580	4,569	4,569	4,562
Shanghai	355	354	353	352	350	346	340	333	331	327	327	324
Anhui	4,447	4,446	4,452	4,438	4,440	4,429	4,422	4,414	4,397	4,382	4,382	4,373
Central	9,734	9,697	9,679	9,521	9,483	9,394	9,295	9,239	9,198	9,183	9,184	9,161
Hubei	3,757	3,739	3,725	3,717	3,699	3,644	3,585	3,545	3,518	3,498	3,498	3,487
Hunan	3,444	3,425	3,423	3,417	3,397	3,371	3,342	3,331	3,318	3,326	3,326	3,319
Jiangxi	2,533	2,533	2,531	2,387	2,387	2,379	2,369	2,364	2,362	2,359	2,359	2,355
South	7,151	7,125	7,110	7,074	7,041	6,958	6,859	6,808	6,773	6,752	6,759	6,775
Guangdong	3,224	3,197	3,182	3,159	3,143	3,105	3,035	2,994	2,964	2,510	2,519	2,525
Guangxi	2,630	2,637	2,639	2,631	2,613	2,574	2,563	2,564	2,565	2,569	2,569	2,578
Fujian	1,297	1,291	1,289	1,284	1,285	1,280	1,261	1,250	1,244	1,241	1,239	1,238
Hainan[2]	na	na	na	na	na	na	na	na	na	432	432	434
Southwest	11,525	11,574	11,546	11,541	11,483	11,373	11,241	11,202	11,196	11,195	11,194	11,207
Sichuan	6,617	6,604	6,560	6,565	6,525	6,452	6,367	6,341	6,326	6,315	6,315	6,307
Guizhou	1,894	1,904	1,903	1,903	1,896	1,894	1,873	1,863	1,857	1,855	1,855	1,854
Yunnan	2,785	2,838	2,838	2,845	2,833	2,802	2,777	2,776	2,791	2,803	2,803	2,823
Xizang	229	229	225	228	229	225	224	222	222	222	221	223
Sum of above	99,602	99,272	99,037	98,613	98,362	97,854	96,846	96,230	95,889	95,722	95,728	95,657
SSB total	99,498	99,305	99,038	98,606	98,362	97,854	96,846	96,230	95,890	95,720	95,670	95,670

[1]Cultivated land refers only to permanent cropland and includes land left fallow for less than 3 years. Note that cultivated area for 1979–83 (except 1980) is derived from sown area divided by the multiple crop index. Also, see table 5, footnote 1.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (51, pp. 77–79), (2, p. 100), (4, p. 33), (5, p. 36), (6, p. 84), (32, p. 224), (33, p. 174), (12, p. 243), (13, p. 275), and (55, pp. 109, 117, 119, 121).

Table 7--Total sown area for all crops, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	16,551	16,696	16,649	16,331	16,416	16,439	16,352	16,164	16,173	15,871	16,069	16,217
Heilongjiang	8,524	8,724	8,727	8,479	8,607	8,622	8,582	8,463	8,515	8,233	8,453	8,558
Liaoning	3,967	3,915	3,847	3,786	3,739	3,738	3,706	3,664	3,621	3,603	3,594	3,619
Jilin	4,060	4,057	4,075	4,066	4,070	4,080	4,064	4,037	4,037	4,035	4,021	4,040
North	36,488	35,967	35,694	35,350	35,867	36,335	36,395	36,774	36,694	36,846	36,731	36,739
Shandong	10,665	10,572	10,421	10,313	10,494	10,772	10,861	11,043	10,868	10,958	10,799	10,883
Hebei	9,243	9,014	8,833	8,602	8,674	8,708	8,657	8,773	8,690	8,787	8,765	8,787
Beijing	677	657	644	642	638	633	618	605	598	595	589	590
Tianjin	688	669	637	610	608	623	596	582	574	577	573	573
Henan	10,918	10,788	11,014	11,076	11,326	11,433	11,685	11,819	11,953	11,930	11,999	11,890
Shanxi	4,297	4,267	4,145	4,108	4,127	4,165	3,978	3,952	3,992	3,999	4,005	4,016
Northwest	17,901	17,747	17,246	17,098	17,126	17,024	16,877	16,917	17,110	17,231	17,331	17,607
Shaanxi	5,114	5,072	4,841	4,738	4,761	4,705	4,663	4,678	4,795	4,777	4,834	4,860
Gansu	3,472	3,479	3,402	3,411	3,481	3,466	3,490	3,502	3,579	3,567	3,577	3,611
Nei Monggol	4,881	4,797	4,662	4,641	4,631	4,631	4,549	4,556	4,474	4,559	4,576	4,722
Ningxia	908	896	857	807	846	837	828	823	834	873	877	889
Xinjiang	3,018	2,994	2,979	2,996	2,905	2,878	2,847	2,850	2,920	2,940	2,935	2,980
Qinghai	508	509	505	506	502	507	500	508	508	514	532	545
East	21,784	21,878	21,790	22,017	21,743	21,817	21,891	21,718	21,917	21,500	21,573	21,589
Zhejiang	4,517	4,615	4,644	4,626	4,578	4,527	4,452	4,362	4,374	4,298	4,313	4,385
Jiangsu	8,491	8,747	8,507	8,626	8,542	8,584	8,558	8,514	8,500	8,385	8,384	8,259
Shanghai	771	776	759	759	764	740	695	679	670	648	636	631
Anhui	8,005	7,740	7,880	8,007	7,859	7,967	8,186	8,163	8,372	8,169	8,239	8,314
Central	21,811	20,940	20,815	20,960	20,610	20,484	20,228	20,350	20,295	20,121	20,565	21,071
Hubei	7,777	7,477	7,263	7,461	7,399	7,388	7,332	7,374	7,337	7,229	7,261	7,361
Hunan	8,334	7,909	8,009	7,970	7,746	7,639	7,477	7,536	7,475	7,496	7,749	7,952
Jiangxi	5,700	5,554	5,543	5,530	5,465	5,457	5,419	5,439	5,483	5,396	5,555	5,758
South	14,742	14,064	13,751	13,680	13,340	13,156	12,877	13,060	13,286	13,433	13,944	14,380
Guangdong	6,995	6,613	6,395	6,400	6,287	6,258	6,098	6,111	5,434	5,376	5,548	5,672
Guangxi	5,102	4,878	4,829	4,810	4,625	4,511	4,443	4,548	4,612	4,735	4,950	5,141
Fujian	2,645	2,574	2,527	2,469	2,428	2,387	2,336	2,401	2,544	2,589	2,656	2,746
Hainan[1]	na	na	na	na	na	na	na	na	697	733	790	821
Southwest	19,199	19,088	19,214	19,252	18,891	18,966	19,006	19,222	19,482	19,865	20,342	20,760
Sichuan	11,844	12,014	12,173	12,132	11,811	11,764	11,771	11,853	11,948	12,097	12,296	12,475
Guizhou	3,011	2,845	2,854	2,933	2,901	2,992	3,021	3,134	3,245	3,332	3,474	3,579
Yunnan	4,122	4,008	3,973	3,968	3,966	3,996	4,004	4,024	4,077	4,226	4,360	4,492
Xizang	222	221	214	219	213	213	210	211	210	210	212	214
Sum of above	148,476	146,380	145,159	144,688	143,993	144,221	143,626	144,204	144,957	144,869	146,554	148,362
SSB total	148,477	146,379	145,157	144,755	143,993	144,221	143,626	144,204	144,957	144,869	146,554	148,362

[1] Hainan data available beginning in 1987--prior years, included in Guangdong.

Sources: (2, p. 100), (40, p. 45), (4, p. 33), (5, p. 36), (6, p. 84), (7, p. 144), (8, p. 177), (9, p. 210), (11, p. 255), (34, p. 358), and (53, p. 341).

Table 8--Sown area for grain crops, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	14,063	13,931	13,791	13,994	13,956	13,389	13,830	14,028	13,410	13,776	14,067
Heilongjiang	7,318	7,282	7,089	7,235	7,355	7,216	7,324	7,412	6,886	7,262	7,420
Liaoning	3,221	3,139	3,146	3,172	3,099	2,890	3,037	3,131	3,101	3,083	3,122
Jilin	3,524	3,509	3,555	3,586	3,502	3,283	3,470	3,486	3,422	3,431	3,526
North	29,442	28,961	27,919	28,375	27,824	27,519	28,749	28,453	27,948	28,312	28,528
Shandong	8,475	8,150	7,685	7,795	7,833	7,984	8,448	8,215	8,094	8,058	8,152
Hebei	7,487	7,310	6,927	6,903	6,656	6,493	6,827	6,688	6,659	6,760	6,828
Beijing	549	530	527	530	523	511	499	495	488	483	484
Tianjin	564	521	501	505	487	446	457	458	450	455	458
Henan	8,859	9,029	8,923	9,286	8,997	9,029	9,372	9,365	9,054	9,262	9,316
Shanxi	3,509	3,420	3,355	3,356	3,329	3,055	3,145	3,232	3,203	3,294	3,290
Northwest	14,465	13,998	13,823	13,847	13,673	13,061	13,180	13,340	13,398	13,593	13,844
Shaanxi	4,310	4,080	4,024	4,049	4,013	3,966	3,978	4,108	4,074	4,106	4,135
Gansu	2,940	2,860	2,844	2,874	2,817	2,775	2,765	2,821	2,805	2,825	2,875
Nei Monggol	3,882	3,854	3,843	3,837	3,762	3,422	3,581	3,556	3,636	3,721	3,874
Ningxia	742	714	668	695	681	650	660	683	703	706	724
Xinjiang	2,178	2,083	2,035	1,988	1,993	1,862	1,810	1,788	1,794	1,840	1,836
Qinghai	412	408	408	404	406	387	387	384	386	395	400
East	16,477	16,239	16,307	16,513	16,728	16,053	16,159	16,312	16,183	16,298	16,292
Zhejiang	3,418	3,375	3,437	3,480	3,483	3,271	3,166	3,235	3,210	3,223	3,266
Jiangsu	6,539	6,396	6,387	6,469	6,567	6,432	6,494	6,483	6,393	6,455	6,363
Shanghai	494	445	449	478	486	450	447	442	424	417	417
Anhui	6,026	6,024	6,033	6,086	6,192	5,899	6,052	6,151	6,155	6,204	6,246
Central	14,579	14,352	14,393	14,430	14,399	13,921	13,932	13,942	13,873	14,213	14,265
Hubei	5,352	5,173	5,246	5,293	5,294	5,108	5,092	5,143	5,088	5,189	5,200
Hunan	5,451	5,420	5,403	5,423	5,391	5,161	5,210	5,151	5,196	5,330	5,366
Jiangxi	3,775	3,758	3,744	3,714	3,714	3,651	3,630	3,648	3,589	3,694	3,699
South	11,453	11,132	11,043	10,923	10,555	9,801	9,892	9,920	9,817	10,157	10,284
Guangdong	5,320	5,062	5,020	5,005	4,848	4,465	4,463	3,945	3,847	3,967	3,996
Guangxi	3,957	3,933	3,940	3,834	3,690	3,447	3,531	3,539	3,511	3,597	3,640
Fujian	2,176	2,138	2,084	2,084	2,017	1,888	1,898	1,962	1,962	2,045	2,081
Hainan[2]	na	na	na	na	na	na	na	474	497	547	567
Southwest	16,756	16,344	16,120	15,965	15,749	15,114	15,190	15,272	15,493	15,856	16,185
Sichuan	10,545	10,303	10,165	9,998	9,798	9,389	9,391	9,415	9,521	9,672	9,828
Guizhou	2,418	2,308	2,284	2,304	2,318	2,212	2,276	2,303	2,365	2,468	2,543
Yunnan	3,593	3,540	3,474	3,471	3,441	3,319	3,333	3,365	3,418	3,527	3,622
Xizang	199	193	197	192	192	194	190	190	190	190	192
Sum of above	117,234	114,958	113,396	114,047	112,884	108,857	110,933	111,268	110,123	112,204	113,466
SSB total	117,234	114,958	113,463	114,047	112,884	108,845	110,933	111,268	110,123	112,205	113,466

[1] Grain crop area includes sown area for rice, wheat, corn, sorghum, millet, tubers (potatoes), soybeans, and other miscellaneous grains and legums (possibly barley, oats, buckwheat, proso millet, meng beans, broad beans, ormosia beans, and an unknown number of other minor grains and legums).

[2] Hainan data available beginning in 1987--prior years, included in Guangdong.

Sources: (43, pp. 86-91), (42, pp. 55-62), (4, p. 33), (5, p. 36), (39, pp. 63-64), (40, pp. 71-72), (41, pp. 48-52), (33, p. 192), (34, p. 358), and (35, p. 341).

Table 9--Sown area for economic crops, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	1,382	1,499	1,345	1,303	1,443	1,996	1,391	1,223	1,471	1,323	1,282
Heilongjiang	680	739	696	734	709	890	683	677	877	741	757
Liaoning	392	410	344	291	355	532	338	199	204	212	205
Jilin	309	350	305	277	379	574	369	347	391	370	321
North	4,818	5,110	5,834	5,910	6,900	7,063	6,007	6,281	6,852	6,455	6,411
Shandong	1,639	1,851	2,217	2,309	2,551	2,435	2,086	2,195	2,379	2,261	2,300
Hebei	1,074	1,076	1,237	1,354	1,626	1,677	1,421	1,497	1,597	1,494	1,502
Beijing	33	32	29	28	27	29	24	20	19	16	16
Tianjin	43	57	53	54	83	95	64	56	59	51	51
Henan	1,537	1,623	1,790	1,637	2,030	2,155	1,868	2,008	2,255	2,152	2,025
Shanxi	492	471	507	529	582	671	544	505	544	481	518
Northwest	1,930	2,006	2,056	2,032	2,098	2,541	2,351	2,351	2,484	2,454	2,514
Shaanxi	427	490	456	461	423	405	380	383	410	452	478
Gansu	237	240	262	275	303	346	355	364	390	386	385
Nei Monggol	611	556	582	585	639	914	716	643	668	619	626
Ningxia	91	86	85	89	95	108	107	89	115	118	114
Xinjiang	485	554	593	544	557	672	691	769	794	768	795
Qinghai	79	79	78	78	79	95	101	103	107	110	114
East	2,572	3,019	3,227	2,907	2,906	3,617	3,311	3,422	3,123	3,131	3,187
Zhejiang	410	465	416	395	387	460	458	420	405	397	421
Jiangsu	1,005	1,120	1,229	1,139	1,139	1,303	1,222	1,251	1,208	1,195	1,188
Shanghai	162	196	185	159	152	148	118	108	108	108	112
Anhui	995	1,238	1,397	1,214	1,229	1,706	1,513	1,643	1,401	1,432	1,465
Central	2,041	2,326	2,501	2,256	2,286	2,556	2,684	2,802	2,758	2,845	3,200
Hubei	978	1,090	1,220	1,129	1,149	1,281	1,315	1,295	1,271	1,248	1,343
Hunan	584	711	749	641	635	729	767	867	847	915	990
Jiangxi	479	525	531	485	502	546	602	640	640	683	867
South	1,654	1,752	1,819	1,588	1,689	2,045	1,948	1,986	2,061	2,074	2,109
Guangdong	887	965	1,007	884	954	1,133	1,074	900	879	883	892
Guangxi	560	563	578	511	519	651	638	680	760	786	806
Fujian	207	225	233	193	216	261	236	238	245	230	235
Hainan[2]	na	na	na	na	na	na	na	168	177	175	177
Southwest	1,523	1,848	2,012	1,765	1,966	2,560	2,594	2,660	2,747	2,707	2,714
Sichuan	982	1,151	1,177	1,038	1,158	1,524	1,531	1,536	1,529	1,526	1,513
Guizhou	285	405	490	409	449	563	604	665	695	669	672
Yunnan	245	281	332	308	348	463	450	450	513	500	518
Xizang	12	11	12	11	11	10	9	9	10	11	11
Sum of above	15,921	17,561	18,794	17,761	19,288	22,378	20,285	20,724	21,496	20,989	21,417
SSB total	15,921	17,561	18,794	17,761	19,288	22,378	20,285	20,725	21,496	20,989	21,417

[1] Economic crops (*jingji zuowu*) include most nongrain crops: cotton, jute, hemp, oilseeds, sugarcane, sugarbeets, tobacco, medicinal crops, and a miscellaneous category.

[2] Hainan data available beginning in 1987--prior years, included in Guangdong.

Sources: (43, pp. 86-91), (42, pp. 55-62), (4, p. 33), (5, p. 36), (39, pp. 63-64), (40, pp. 71-72), (41, pp. 48-52), (33, p. 192), (34, p. 358), and (35, p. 341).

Table 10--Sown area for other crops, by region and province, China, 1980–90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	1,250	1,219	1,195	1,119	1,040	967	943	921	990	969	868
Heilongjiang	725	706	693	638	558	476	456	427	470	450	382
Liaoning	302	297	296	276	283	284	288	291	298	299	292
Jilin	223	216	205	206	199	207	198	204	222	220	193
North	1,707	1,622	1,597	1,583	1,611	1,814	2,018	1,961	2,046	1,964	1,799
Shandong	457	420	411	390	389	441	509	478	485	480	430
Hebei	453	447	438	417	426	486	525	505	531	511	457
Beijing	76	82	86	81	83	78	81	83	89	90	90
Tianjin	62	58	56	49	54	55	60	59	67	67	65
Henan	393	361	363	403	406	501	580	580	621	586	549
Shanxi	266	254	245	242	254	252	263	255	252	230	208
Northwest	1,352	1,242	1,219	1,247	1,254	1,275	1,386	1,419	1,349	1,285	1,250
Shaanxi	335	271	257	251	268	292	320	303	293	275	247
Gansu	302	302	305	332	346	369	382	395	373	366	351
Nei Monggol	304	252	216	209	230	214	260	274	255	236	222
Ningxia	63	57	54	62	61	69	57	63	54	53	51
Xinjiang	330	342	367	373	328	313	349	363	352	327	349
Qinghai	18	18	19	20	21	19	20	20	22	27	30
East	2,829	2,530	2,483	2,322	2,188	2,233	2,248	2,183	2,195	2,143	2,110
Zhejiang	787	804	772	704	658	720	738	719	683	693	697
Jiangsu	1,202	991	1,010	934	878	823	798	766	783	735	708
Shanghai	121	118	125	126	102	108	114	121	115	112	102
Anhui	719	617	577	559	545	582	599	578	613	603	602
Central	4,320	4,138	4,066	3,925	3,799	3,751	3,733	3,551	3,491	3,506	3,606
Hubei	1,147	1,000	995	977	945	943	967	899	870	824	818
Hunan	1,874	1,878	1,817	1,681	1,613	1,586	1,559	1,457	1,453	1,504	1,596
Jiangxi	1,299	1,260	1,254	1,266	1,241	1,222	1,207	1,195	1,168	1,179	1,192
South	957	866	818	829	912	1,030	1,220	1,380	1,555	1,714	1,987
Guangdong	405	369	373	398	457	499	574	644	650	698	783
Guangxi	360	334	292	280	302	346	379	392	465	567	696
Fujian	191	164	153	151	153	186	268	344	381	381	431
Hainan[2]	na	na	na	na	na	na	na	na	59	67	77
Southwest	808	1,021	1,120	1,161	1,251	1,332	1,438	1,549	1,625	1,779	1,861
Sichuan	487	719	789	775	808	858	931	998	1,047	1,098	1,134
Guizhou	141	141	159	188	225	246	254	279	272	337	364
Yunnan	170	152	162	188	207	222	242	262	295	333	352
Xizang	10	10	10	10	11	6	11	10	11	11	11
Sum of above	13,224	12,639	12,498	12,185	12,050	12,403	12,986	12,964	13,250	13,360	13,480
SSB total	13,224	12,639	12,498	12,185	12,049	12,403	12,986	12,964	13,250	13,360	13,480

[1] Other crops include vegetables, melons, fodder crops, and green manure.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (43, pp. 86–91), (42, pp. 55–62), (4, p. 33), (5, p. 36), (39, pp. 63–64), (40, pp. 71–72), (41, pp. 48–52), (33, p. 192), (34, p. 358), and (35, p. 341).

Table 11--Multiple crop index, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Ratio						
Northeast[2]	100	101	101	99	99	99	99	99	99	98	99	100
Heilongjiang	98	100	100	97	98	97	96	95	96	93	96	97
Liaoning	105	104	104	103	102	103	103	104	104	104	103	104
Jilin	100	100	100	100	100	101	102	102	102	102	102	103
North	141	139	138	137	140	142	144	146	146	148	147	147
Shandong	147	146	144	143	146	150	154	159	157	159	157	158
Hebei	139	136	133	130	131	131	131	133	132	134	133	134
Beijing	159	154	152	151	151	150	147	144	143	143	142	142
Tianjin	147	144	138	132	133	137	133	132	131	133	132	133
Henan	153	151	155	156	160	161	166	169	171	172	172	171
Shanxi	110	109	106	106	107	108	106	106	107	108	108	108
Northwest	102	103	101	100	101	102	102	103	105	105	106	108
Shaanxi	133	133	128	126	127	128	129	130	135	135	136	137
Gansu	98	98	96	96	98	98	100	101	103	103	103	104
Nei Monggol	91	91	90	91	91	93	92	93	92	94	94	96
Ningxia	101	100	97	93	101	103	104	104	105	110	110	112
Xinjiang	91	94	94	94	92	91	92	93	95	96	95	97
Qinghai	88	87	86	87	87	89	89	90	90	90	94	95
East	193	194	193	196	193	195	196	196	198	195	196	196
Zhejiang	247	253	255	254	252	251	251	249	251	248	248	253
Jiangsu	183	188	183	186	184	186	186	185	186	184	184	181
Shanghai	217	219	215	216	218	214	205	204	203	198	194	195
Anhui	180	174	177	180	177	180	185	185	190	186	188	190
Central	224	216	215	220	217	218	218	220	221	219	224	230
Hubei	207	200	195	201	200	203	205	208	209	207	208	211
Hunan	242	231	234	233	228	227	224	226	225	225	233	240
Jiangxi	225	219	219	232	229	229	229	230	232	229	236	244
South	206	197	193	193	189	189	188	192	196	199	206	212
Guangdong	217	207	201	203	200	202	201	204	207	214	220	225
Guangxi	194	185	183	183	177	175	173	177	180	184	193	199
Fujian	204	199	196	192	189	187	185	192	204	209	214	222
Hainan[3]	na	na	na	na	na	na	na	na	na	170	183	189
Southwest	167	165	166	167	165	167	169	172	174	177	182	185
Sichuan	179	182	185	185	181	182	185	187	189	192	195	198
Guizhou	159	149	150	154	153	158	161	168	175	180	187	193
Yunnan	148	141	140	139	140	143	144	145	146	151	156	159
Xizang	97	96	95	96	93	95	94	95	94	95	96	96
National MCI[4]	149	147	147	147	146	147	148	150	151	151	153	155

[1] The multiple crop index (MCI) is calculated by dividing sown area by cultivated area. The sown area and cultivated area data used to calculate the index are from table 6 (cultivated area) and table 7 (sown area).

[2] The regional MCI figures are calculated by dividing the region's sown area by the region's cultivated area, rather than a simple or weighted average of the individual MCI figures for the provinces in that region.

[3] Hainan data available beginning in 1988--prior years, included in Guangdong.

[4] As with the regional MCI figures, the national MCI number is calculated by dividing the national total sown area by national total cultivated area. It is not a simple or weighted average of the individual provincial or regional MCI figures.

Table 12--National income, by sector, China, 1952–90

Year	Total	Agriculture	Industry	Construction	Transportation	Commerce
			Billion yuan[1]			
1952	58.9	34.0	11.5	2.1	2.5	8.8
1953	70.9	37.4	15.6	2.8	2.9	12.2
1954	74.8	38.8	17.4	2.6	3.2	12.8
1955	78.8	41.7	17.9	3.0	3.3	12.9
1956	88.2	43.9	21.2	5.5	3.7	13.9
1957	90.8	42.5	25.7	4.5	3.9	14.2
1958	111.8	44.0	40.1	6.3	5.9	15.0
1959	122.2	37.6	52.7	7.6	7.8	16.5
1960	122.0	33.2	56.5	7.9	8.4	16.0
1961	99.6	43.2	34.5	2.5	4.8	14.6
1962	92.4	44.4	30.3	3.2	3.8	10.7
1963	100.0	48.8	33.7	4.0	3.9	9.6
1964	116.6	54.9	42.2	5.0	4.4	10.1
1965	138.7	64.1	50.5	5.3	5.8	13.0
1966	158.6	69.2	60.6	5.8	6.6	16.4
1967	148.7	70.3	50.5	5.5	5.2	17.2
1968	141.5	71.4	44.9	4.4	4.9	15.9
1969	161.7	72.2	58.7	6.0	6.2	18.6
1970	192.6	77.8	78.9	8.0	7.4	20.5
1971	207.7	80.8	89.1	9.1	8.0	20.7
1972	213.6	80.8	94.2	8.8	8.4	21.4
1973	231.8	88.6	102.0	9.2	8.9	23.1
1974	234.8	92.2	101.5	9.9	8.5	22.7
1975	250.3	94.6	115.2	11.3	9.6	19.6
1976	242.7	94.0	110.6	12.0	9.2	16.9
1977	264.4	91.3	126.3	12.4	10.6	23.8
1978	301.0	98.6	148.7	12.5	11.8	29.4
1979	335.0	122.6	162.8	13.0	12.1	24.5
1980	368.8	132.6	180.4	18.5	12.6	24.7
1981	394.1	150.9	184.0	19.3	13.1	26.8
1982	425.8	172.3	194.8	20.9	14.7	23.1
1983	473.6	192.1	213.6	25.9	16.6	25.4
1984	565.2	225.1	251.6	30.3	20.5	37.7
1985	702.0	249.2	316.3	40.9	25.9	69.7
1986	785.9	272.0	357.3	51.4	32.0	73.2
1987	931.3	315.4	426.2	63.7	38.4	87.6
1988	1,173.8	381.8	541.6	78.3	46.0	126.1
1989	1,317.6	420.9	624.1	77.4	54.7	140.5
1990	1,442.9	500.0	661.0	82.2	70.5	129.2

[1] Calculated in current prices.

Sources: (33, p. 29) and (35, p. 32).

Table 13--National gross value of output, by sector, China, 1952–90

Year	Total	Agriculture	Industry			Construction	Transportation	Commerce
			Total	Light	Heavy			
				Billion yuan[1]				
1952	101.5	46.1	34.9	22.5	12.4	5.7	3.5	11.3
1953	124.1	51.0	45.0	28.2	16.8	8.5	4.2	15.4
1954	134.6	53.5	51.5	31.7	19.8	8.2	4.8	16.6
1955	141.5	57.5	53.4	31.6	21.8	8.6	5.0	17.0
1956	163.9	61.0	64.2	37.0	27.2	14.6	5.6	18.5
1957	160.6	53.7	70.4	38.7	31.7	11.8	6.0	18.7
1958	213.8	56.6	108.3	50.3	58.0	20.2	9.0	19.7
1959	254.8	49.7	148.3	61.6	86.7	23.5	12.1	21.2
1960	267.9	45.7	163.7	54.7	109.0	24.8	13.1	20.6
1961	197.8	55.9	106.2	45.1	61.1	9.0	7.6	19.1
1962	180.0	58.4	92.0	43.4	48.6	7.4	6.2	16.0
1963	195.6	64.2	99.3	44.5	54.8	9.7	6.6	15.8
1964	226.8	72.0	116.4	51.6	64.8	15.1	7.2	16.1
1965	269.5	83.3	140.2	72.3	67.9	17.7	9.1	19.2
1966	306.2	91.0	162.4	79.6	82.8	19.7	10.2	22.9
1967	277.4	92.4	138.2	73.3	64.9	15.5	8.6	22.7
1968	264.8	92.8	128.5	69.0	59.5	13.2	8.3	22.0
1969	318.4	94.8	166.5	83.7	82.8	22.2	9.9	25.0
1970	380.0	102.1	211.7	97.6	114.1	27.1	11.7	27.4
1971	420.3	106.8	241.4	103.7	137.7	31.1	12.8	28.2
1972	439.6	107.5	256.5	110.0	146.5	32.3	13.6	29.7
1973	477.6	117.3	279.4	121.2	158.2	33.5	14.4	33.0
1974	485.9	121.5	279.2	124.1	155.1	37.6	14.2	33.4
1975	537.9	126.0	320.7	141.3	179.4	43.7	16.0	31.5
1976	543.3	125.8	327.8	144.8	183.0	43.5	15.5	30.7
1977	600.3	125.3	372.5	163.8	208.7	46.2	17.9	38.4
1978	684.6	139.7	423.7	182.6	241.1	56.9	20.5	43.8
1979	764.2	169.8	468.1	204.5	263.6	64.5	20.9	40.9
1980	853.4	192.3	515.4	243.0	272.4	76.7	25.0	44.0
1981	907.5	218.1	540.0	278.1	261.9	74.7	25.7	49.0
1982	996.6	248.3	581.1	291.9	289.2	91.2	28.6	47.4
1983	1,113.1	275.0	646.1	313.5	332.6	105.3	31.8	54.9
1984	1,317.1	321.4	761.7	360.8	400.9	126.3	38.8	68.9
1985	1,658.2	361.9	971.6	457.5	514.1	165.6	48.8	110.3
1986	1,904.5	401.3	1,119.4	533.0	586.4	203.8	59.8	120.2
1987	2,303.4	467.6	1,381.3	665.6	715.7	243.1	70.2	141.2
1988	2,980.7	586.5	1,822.4	897.9	924.5	296.7	83.7	191.4
1989	3,451.9	653.5	2,201.7	1,076.1	1,125.6	283.4	99.0	214.3
1990	3,799.6	766.2	2,392.4	1,181.3	1,211.1	300.9	127.5	212.6

[1] Calculated according to current prices.

Sources: (33, pp. 44, 51) and (35, pp. 47, 54).

Table 14--Gross value of agricultural output, excluding village and below-village industry, current prices, by region and province, China, selected years, 1980-90[1]

Region/province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Million yuan					
Northeast	20,744	24,029	29,402	32,815	31,825	37,763	42,703	52,002	51,879	70,830
Heilongjiang	8,561	9,435	10,908	12,154	11,431	13,717	13,700	15,172	16,218	24,540
Liaoning	7,356	8,536	10,653	11,762	11,805	14,203	16,922	22,739	22,282	27,380
Jilin	4,827	6,058	7,841	8,899	8,589	9,843	12,081	14,091	13,379	18,910
North	46,433	57,334	67,394	77,555	85,359	90,893	106,623	130,633	152,228	175,700
Shandong	17,342	21,852	25,950	31,011	33,542	36,118	41,318	49,453	54,830	64,750
Hebei	9,779	12,158	13,922	15,307	16,733	17,438	20,066	25,690	30,699	35,760
Beijing	1,430	1,675	1,961	2,215	2,594	2,814	3,442	5,249	6,035	7,020
Tianjin	768	1,256	1,268	1,669	2,044	2,692	3,293	4,449	5,182	5,490
Henan	13,291	15,107	18,912	20,838	24,154	25,949	32,362	37,067	44,988	50,200
Shanxi	3,823	5,286	5,381	6,515	6,292	5,882	6,142	8,725	10,494	12,480
Northwest	14,545	18,785	21,435	24,695	28,436	31,465	36,898	48,525	52,818	62,390
Shaanxi	4,230	5,690	6,107	7,396	7,957	8,720	10,339	13,052	14,781	17,000
Gansu	2,729	3,053	4,009	4,033	4,882	5,640	6,551	8,472	8,912	10,310
Nei Monggol	3,078	4,550	5,197	6,128	7,320	7,725	8,774	12,240	12,672	15,690
Ningxia	642	778	914	1,099	1,202	1,416	1,476	1,966	2,143	2,470
Xinjiang	3,088	3,876	4,339	4,989	5,850	6,553	8,164	10,846	12,150	14,470
Qinghai	778	838	869	1,050	1,225	1,411	1,594	1,949	2,160	2,450
East	33,462	45,899	48,541	59,003	69,222	78,039	90,255	114,889	123,226	135,640
Zhejiang	9,280	11,814	11,883	14,751	17,405	19,204	22,812	28,262	30,784	33,680
Jiangsu	13,845	18,811	20,686	25,382	28,855	33,267	38,025	49,795	52,226	58,050
Shanghai	1,874	2,375	2,267	2,659	3,138	3,376	3,884	5,307	6,063	6,820
Anhui	8,463	12,899	13,705	16,211	19,824	22,192	25,534	31,525	34,153	37,090
Central	27,341	35,871	37,733	43,880	50,526	56,657	64,742	77,470	87,045	105,480
Hubei	9,412	12,835	13,410	16,920	19,232	21,910	24,968	29,751	33,504	40,220
Hunan	11,114	14,642	15,816	17,126	19,844	22,268	25,339	30,301	33,748	39,740
Jiangxi	6,815	8,394	8,507	9,834	11,450	12,479	14,435	17,418	19,793	25,520
South	22,709	31,227	32,664	40,455	48,306	54,062	66,076	88,236	103,516	115,030
Guangdong	11,931	16,031	16,922	22,969	27,599	31,486	34,861	47,378	54,860	60,070
Guangxi	6,230	8,823	8,951	9,420	10,802	11,869	13,792	16,894	21,217	25,220
Fujian	4,548	6,373	6,791	8,066	9,905	10,707	13,297	18,200	20,992	22,870
Hainan[2]	na	na	na	na	na	na	4,126	5,764	6,447	6,870
Southwest	27,026	34,892	37,831	43,010	48,275	52,422	60,273	74,772	82,761	101,150
Sichuan	18,271	22,946	25,357	28,184	31,306	33,898	38,894	47,599	52,767	63,710
Guizhou	3,604	5,149	5,337	6,299	7,023	7,931	9,225	12,339	13,368	14,550
Yunnan	4,592	6,184	6,568	7,735	8,888	9,601	11,125	13,539	15,268	21,170
Xizang	559	613	569	792	1,058	992	1,029	1,295	1,358	1,720
Sum of above	192,260	248,037	275,000	321,413	361,949	401,301	467,570	586,527	653,473	766,220
SSB total	192,260	248,326	275,000	321,413	361,949	401,301	467,570	586,527	653,473	766,209

[1] These GVAO data exclude the value of village and below-village industry, but include the value of household industry. The data for 1980-83 were derived by subtracting the value of village and below-village industry from total GVAO. Adjusted total GVAO data were used to derive 1982-83 statistics and unadjusted data were used to derive the 1980-81 data. China's GVAO data should be used with caution. Comparison of the individual components of GVAO, particularly sideline activity, reveals that provinces did not consistently distinguish between current and constant 1980 prices (they are frequently identical). This error could only be verified for 1983-85. See Robert Michael Field, "Trends in the Value of Agricultural Output, 1978-86," China Quarterly, No. 116, Dec. 1988, pp. 592-633 for an excellent discussion of GVAO data problems.

[2] Hainan data available beginning in 1987--prior years, included in Guangdong.

Sources: (5, p. 30), (10, p. 219), (34, p. 337), (35, p. 320), (39, p. 13), (40, p. 19), (42, p. 30), and (43, p. 246).

Table 15--Gross value of agricultural output, excluding village and below-village industry, constant 1980 prices, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Million yuan					
Northeast	20,805	21,256	22,253	26,851	28,922	25,580	28,860	30,156	32,177	29,559	36,820
Heilongjiang	8,599	8,579	8,999	10,491	11,269	10,451	11,810	11,510	11,976	11,505	14,393
Liaoning	7,201	7,362	7,632	9,036	9,632	8,748	9,348	9,833	10,915	9,850	12,037
Jilin	5,005	5,315	5,622	7,324	8,021	7,381	7,702	8,813	9,286	8,204	10,390
North	46,850	49,130	53,193	61,267	69,417	71,523	70,227	76,854	79,740	83,818	89,224
Shandong	17,654	18,046	19,561	22,379	26,658	27,655	27,735	29,952	30,955	31,390	33,134
Hebei	9,290	9,921	11,655	13,306	14,515	14,991	14,771	15,440	16,647	17,161	18,096
Beijing	1,347	1,340	1,446	1,652	1,847	1,964	1,971	2,160	2,415	2,670	2,816
Tianjin	876	895	963	976	1,246	1,404	1,564	1,747	1,905	2,171	2,330
Henan	13,519	14,859	14,599	17,891	19,183	20,002	19,134	22,646	22,295	24,495	26,414
Shanxi	4,164	4,069	4,969	5,063	5,968	5,507	5,052	4,909	5,523	5,931	6,434
Northwest	15,280	16,172	18,569	19,825	22,100	24,073	25,016	26,143	28,397	29,484	32,817
Shaanxi	4,613	4,711	5,818	5,845	6,645	6,818	7,148	7,342	7,849	8,313	8,819
Gansu	2,902	2,686	3,044	3,450	3,672	4,215	4,513	4,622	4,981	5,317	5,653
Nei Monggol	3,299	3,967	4,593	4,924	5,518	6,085	5,766	6,003	6,850	6,737	8,099
Ningxia	675	711	714	838	984	1,008	1,086	999	1,141	1,209	1,260
Xinjiang	2,958	3,324	3,566	3,914	4,350	4,912	5,420	6,052	6,448	6,753	7,775
Qinghai	833	773	834	854	931	1,035	1,083	1,125	1,128	1,155	1,211
East	35,132	38,584	43,604	44,380	51,230	53,718	56,572	58,630	60,716	61,466	63,597
Zhejiang	9,545	9,563	11,098	10,746	12,522	13,009	13,708	14,217	14,552	14,804	15,402
Jiangsu	14,850	15,916	18,306	19,390	22,578	23,284	24,742	25,508	27,201	27,296	27,978
Shanghai	1,867	2,027	2,380	2,227	2,523	2,290	2,427	2,483	2,641	2,675	2,828
Anhui	8,870	11,078	11,820	12,017	13,607	15,135	15,695	16,422	16,322	16,691	17,389
Central	28,996	30,877	34,678	35,396	39,379	41,723	43,402	45,276	45,173	47,493	49,857
Hubei	10,309	11,147	12,625	12,640	15,287	16,241	16,804	17,252	16,768	17,599	18,857
Hunan	11,734	12,328	13,961	14,690	15,080	15,822	16,683	17,232	17,319	18,209	18,551
Jiangxi	6,953	7,402	8,092	8,066	9,012	9,660	9,915	10,792	11,086	11,685	12,449
South	21,677	23,138	26,633	27,560	29,660	32,869	34,522	37,325	39,154	42,186	45,141
Guangdong	10,284	11,085	13,061	13,668	15,033	17,466	18,675	20,400	19,125	20,626	22,146
Guangxi	6,548	6,980	8,111	8,166	8,088	8,314	8,599	9,021	8,846	9,755	10,536
Fujian	4,845	5,073	5,461	5,726	6,539	7,089	7,248	7,904	8,514	9,071	9,465
Hainan[2]	na	na	na	na	na	na	na	na	2,669	2,734	2,994
Southwest	28,890	30,308	33,563	35,808	39,344	40,733	42,475	44,130	45,613	47,270	49,801
Sichuan	19,489	20,119	22,021	23,912	25,779	26,592	28,094	28,997	29,784	30,880	32,596
Guizhou	3,800	4,004	4,795	4,917	5,476	5,498	5,959	6,211	6,342	6,645	6,819
Yunnan	5,028	5,561	6,127	6,466	7,450	7,926	7,740	8,213	8,756	9,008	9,597
Xizang	573	624	620	513	639	717	682	709	731	737	789
Sum of above	197,630	209,465	232,493	251,087	280,052	291,219	301,074	318,514	330,970	341,276	367,257

[1] These GVAO data exclude the value of village and below-village industry, but include the value of household industry. The data for 1980-83 were derived by subtracting the value of village and below-village industry from total GVAO. Adjusted total GVAO data were used to derive 1982-83 statistics and unadjusted data were used to derive 1980-81 statistics. China's GVAO data should be used with caution. Comparison of the individual components of GVAO, particularly sideline activity, reveals that provinces did not consistently distinguish between current and constant 1980 prices (they are frequently identical). Data were only available to verify this error for 1983-85. See Robert Michael Field, "Trends in the Value of Agricultural Output, 1978-86," China Quarterly, No. 116, Dec. 1988, pp. 592-633 for an excellent discussion of GVAO data problems.

[2] Hainan data available beginning in 1987--prior years, included in Guangdong.

Sources: (3, pp. 19-20), (4, p. 28), (5, pp. 33-35), (6, p. 81), (7, p. 138), (8, p. 170), (9, p. 204), (10, p. 221), (11, p. 248), (12, p. 257), and (13, p. 288).

Table 16--Gross value of agricultural output, including village and below-village industry, current prices, by region and province, China, 1952-85[1]

Region/province	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
						Million yuan						
Northeast	4,539	4,772	5,145	5,516	5,995	5,793	5,653	6,136	5,000	5,308	5,779	6,188
Heilongjiang	1,637	1,828	2,025	2,242	2,442	2,389	2,295	2,284	1,791	1,859	2,235	2,401
Liaoning	1,660	1,690	1,880	1,940	2,210	2,120	2,120	2,460	1,920	1,960	2,120	2,180
Jilin	1,242	1,254	1,240	1,334	1,343	1,284	1,238	1,392	1,289	1,489	1,424	1,607
North	11,695	11,961	12,827	13,894	14,065	13,029	14,269	14,031	11,130	11,890	12,684	12,554
Shandong	4,000	3,704	4,192	4,497	4,863	4,373	5,033	4,924	2,932	3,716	4,314	4,566
Hebei	3,061	3,004	3,153	3,543	3,195	3,188	3,424	3,334	2,983	3,246	3,257	2,767
Beijing	250	270	250	280	290	300	490	500	490	470	520	550
Tianjin	286	265	263	323	323	341	318	376	359	331	319	333
Henan	2,874	3,276	3,483	3,732	3,633	3,286	3,516	3,361	3,054	2,560	2,889	2,654
Shanxi	1,224	1,442	1,486	1,519	1,761	1,541	1,488	1,536	1,312	1,567	1,585	1,684
Northwest	4,212	4,981	5,649	5,467	6,455	5,543	6,300	6,444	6,008	6,359	6,066	6,630
Shaanxi	1,075	1,423	1,589	1,451	1,878	1,772	1,872	1,829	1,802	2,221	1,936	1,831
Gansu	893	959	1,053	1,046	1,090	1,013	1,158	1,028	717	718	824	1,025
Nei Monggol	1,206	1,435	1,677	1,560	1,952	1,116	1,560	1,814	1,657	1,704	1,705	1,743
Ningxia	161	153	174	201	225	209	224	221	187	284	170	205
Xinjiang	716	843	935	966	1,059	1,151	1,251	1,311	1,411	1,168	1,160	1,497
Qinghai	161	168	221	243	251	280	235	241	234	264	271	329
East	7,806	na	na	na	na	10,316	na	na	na	na	10,683	na
Zhejiang	2,177	2,201	2,344	2,506	2,578	2,648	2,838	2,788	2,519	2,552	3,047	3,432
Jiangsu	3,187	3,231	3,245	3,622	3,360	3,681	3,874	3,735	3,676	3,573	4,015	4,677
Shanghai	222	301	315	421	399	467	571	661	669	673	761	766
Anhui	2,220	na	na	na	na	3,520	na	na	na	na	2,860	na
Central	5,573	5,849	5,325	6,357	6,904	7,625	8,668	8,194	7,874	7,634	9,587	10,085
Hubei	1,659	1,964	1,613	2,157	2,613	2,431	3,180	2,929	2,859	2,536	3,625	4,186
Hunan	2,379	2,371	2,197	2,583	2,567	3,288	3,489	3,298	3,113	2,813	3,564	3,477
Jiangxi	1,535	1,514	1,515	1,617	1,724	1,906	1,999	1,967	1,902	2,285	2,398	2,422
South	na	na	na	na	na	na	na	na	na	na	na	na
Guangdong	2,210	2,882	3,350	3,392	3,649	4,019	4,084	3,671	3,475	3,873	4,260	5,172
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	1,107	1,189	1,197	1,292	1,494	1,601	1,543	1,507	1,255	1,356	1,549	1,609
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest	na	na	na	na	na	na	na	na	na	na	na	na
Sichuan	2,948	3,260	3,645	3,921	4,715	5,684	5,693	5,807	5,803	6,005	6,316	7,031
Guizhou	782	852	968	966	1,155	1,261	1,359	1,309	1,158	1,211	1,528	1,540
Yunnan	960	1,171	1,309	1,380	1,533	1,656	1,447	1,405	1,417	1,594	1,942	2,062
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
Sum of above	na	na	na	na	na	na	na	na	na	na	na	na
SSB total[2]	46,100	51,000	53,500	57,500	61,000	53,700	56,600	49,700	45,700	55,900	58,400	64,200

See footnotes at end of table.

Continued --

Table 16--Gross value of agricultural output, including village and below-village industry, current prices, by region and province, China, 1952-85[1]--Continued

Region/province	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
						Million yuan					
Northeast	6,295	6,918	8,443	8,974	8,856	8,353	10,033	11,436	10,320	12,065	13,481
Heilongjiang	2,342	2,493	3,236	3,630	3,494	3,371	3,537	5,088	4,364	4,790	5,197
Liaoning	2,260	2,650	2,940	2,930	3,040	3,000	3,810	3,600	3,350	4,120	4,540
Jilin	1,693	1,775	2,267	2,414	2,322	1,982	2,686	2,748	2,606	3,155	3,744
North	14,353	17,974	20,007	21,024	20,434	22,066	25,001	26,575	26,457	29,524	30,065
Shandong	4,596	5,732	6,379	6,414	6,145	6,769	7,765	8,509	9,152	9,615	9,086
Hebei	3,554	4,730	5,117	5,114	5,140	5,635	6,265	6,205	5,517	6,366	6,952
Beijing	620	700	710	730	750	690	840	910	910	1,030	1,130
Tianjin	347	533	439	518	508	476	661	718	642	724	928
Henan	3,334	4,343	5,164	6,041	5,733	6,038	6,988	7,377	7,605	8,767	8,796
Shanxi	1,902	1,936	2,198	2,207	2,158	2,458	2,462	2,856	2,631	3,022	3,173
Northwest	7,280	8,023	8,131	8,293	7,692	7,928	9,022	9,745	9,623	10,690	11,290
Shaanxi	1,835	2,366	2,276	2,298	2,051	2,310	2,616	3,175	3,075	3,237	3,338
Gansu	1,060	1,191	1,021	1,230	1,147	1,212	1,373	1,369	1,625	1,797	2,193
Nei Monggol	2,082	1,939	2,093	2,146	2,208	1,995	2,404	2,367	2,117	2,772	2,957
Ningxia	225	250	281	248	222	278	351	416	439	437	467
Xinjiang	1,693	1,861	2,051	1,915	1,670	1,696	1,841	1,950	1,840	1,897	1,747
Qinghai	385	416	409	456	394	437	437	468	527	550	588
East	na	15,036	na	na	na	na	na	na	na	na	na
Zhejiang	3,716	3,984	na	na	na	na	na	na	na	na	na
Jiangsu	5,662	5,921	6,905	6,413	6,837	6,860	7,425	8,388	8,790	9,468	9,596
Shanghai	961	1,061	1,077	1,109	1,234	1,254	1,285	1,381	1,593	1,628	1,814
Anhui	na	4,070	na	na	na	na	5,660	na	na	na	na
Central	11,145	12,973	15,148	14,951	15,518	15,276	17,061	17,398	18,558	19,693	20,782
Hubei	4,254	5,138	6,225	5,990	5,824	5,478	6,296	6,496	6,838	7,452	8,155
Hunan	4,107	4,590	5,115	5,401	5,951	5,912	6,242	6,479	6,984	7,703	7,908
Jiangxi	2,784	3,245	3,808	3,560	3,743	3,886	4,523	4,423	4,736	4,538	4,719
South	na	na	na	na	na	na	na	na	na	na	na
Guangdong	5,412	5,621	6,002	6,214	6,036	6,352	6,811	7,237	7,367	7,469	8,125
Guangxi	na	na	na	na	na	na	na	na	na	na	na
Fujian	1,825	1,947	2,251	2,064	1,996	2,184	2,578	2,645	2,889	2,796	2,923
Hainan	na	na	na	na	na	na	na	na	na	na	na
Southwest	na	na	na	na	na	na	na	na	na	na	na
Sichuan	7,432	8,262	9,362	9,190	8,418	8,605	9,275	10,099	10,040	10,501	10,652
Guizhou	1,817	2,055	2,007	2,115	1,996	1,931	2,143	2,371	2,077	2,498	2,356
Yunnan	2,316	2,363	2,484	2,505	2,397	2,544	2,735	3,098	3,524	3,822	3,565
Xizang	na	na	na	na	na	na	na	na	na	na	na
Sum of above	na	na	na	na	na	na	na	na	na	na	na
SSB total[2]	72,000	83,300	91,000	92,400	92,800	94,800	102,100	106,800	107,500	117,300	121,500

See footnotes at end of table.

Continued --

Table 16--Gross value of agricultural output, including village and below-village industry, current prices, by region and province, China, 1952-85[1]--Continued

Region/province	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
						Million yuan					
Northeast	14,458	13,327	13,574	15,949	18,967	22,701	24,563	26,455	32,306	37,893	40,091
Heilongjiang	5,735	5,030	5,125	6,361	7,632	9,297	9,385	10,008	11,618	13,074	12,626
Liaoning	4,980	4,940	5,070	5,560	6,730	8,217	9,061	9,941	12,427	14,989	17,579
Jilin	3,743	3,357	3,379	4,028	4,605	5,187	6,117	6,506	8,261	9,830	9,886
North	33,741	34,096	34,919	39,047	47,571	53,767	60,997	67,298	79,976	95,512	113,935
Shandong	10,826	11,256	11,267	12,071	15,548	18,136	22,150	24,883	29,641	36,011	41,363
Hebei	8,019	7,538	8,314	9,890	11,277	11,806	12,180	14,039	16,501	19,474	24,457
Beijing	1,200	1,230	1,200	1,410	1,550	1,860	2,000	2,320	3,000	3,760	4,650
Tianjin	988	979	940	1,277	1,630	1,789	1,896	2,260	2,462	3,298	4,464
Henan	9,276	9,788	9,685	10,774	12,894	15,354	17,079	17,369	21,450	24,057	28,747
Shanxi	3,432	3,305	3,513	3,625	4,672	4,822	5,692	6,427	6,922	8,912	10,254
Northwest	11,868	11,885	11,667	12,667	14,631	15,528	17,343	20,051	22,544	26,335	31,260
Shaanxi	3,553	3,579	3,611	3,958	4,954	4,620	5,023	6,145	6,558	8,295	9,791
Gansu	2,329	2,222	2,261	2,410	2,508	2,889	2,970	3,210	4,175	4,236	5,272
Nei Monggol	3,083	3,129	2,843	2,973	3,322	3,302	4,146	4,985	5,451	6,349	7,628
Ningxia	479	445	475	511	598	686	804	830	961	1,150	1,305
Xinjiang	1,836	1,912	1,878	2,186	2,565	3,217	3,631	4,001	4,482	5,190	6,039
Qinghai	588	598	599	629	684	814	769	880	917	1,115	1,225
East	24,130	26,493	25,569	29,605	39,123	41,623	48,362	55,793	60,602	78,829	103,383
Zhejiang	5,819	5,957	6,143	7,543	10,367	11,015	12,091	14,472	15,242	20,543	27,801
Jiangsu	9,986	11,380	10,982	13,044	17,453	18,188	20,253	23,886	26,783	35,144	46,211
Shanghai	1,815	2,066	2,014	2,458	2,873	3,020	3,405	3,861	4,120	4,960	6,450
Anhui	6,510	7,090	6,430	6,560	8,430	9,400	12,613	13,574	14,457	18,182	22,921
Central	21,147	21,599	22,051	23,228	30,436	28,976	33,715	38,402	41,422	45,861	53,160
Hubei	7,971	8,445	8,505	9,147	11,754	10,217	12,026	13,930	14,809	16,920	19,232
Hunan	8,377	8,465	8,589	8,863	11,682	11,944	13,628	15,408	17,168	19,106	22,478
Jiangxi	4,799	4,689	4,957	5,218	7,000	6,815	8,061	9,064	9,445	9,835	11,450
South	na	na	na	19,564	23,401	27,206	29,463	38,262	39,754	42,254	56,669
Guangdong	8,128	10,179	10,868	10,959	12,906	15,781	15,639	22,251	23,010	22,969	33,508
Guangxi	na	na	na	4,618	5,557	6,231	7,441	8,823	8,951	9,502	10,802
Fujian	2,966	2,936	3,221	3,987	4,938	5,194	6,383	7,188	7,793	9,783	12,359
Hainan	na	na	na	na	na	na	na	na	na	na	na
Southwest	na	na	na	na	26,088	28,729	31,505	37,116	39,995	46,501	53,738
Sichuan	10,698	10,262	11,659	13,582	17,555	19,273	20,651	24,609	26,845	30,396	35,253
Guizhou	2,409	2,523	2,751	2,903	3,338	3,747	4,296	5,296	5,506	6,976	7,740
Yunnan	3,821	3,676	3,632	4,295	4,787	5,177	5,901	6,577	7,049	8,337	9,656
Xizang	na	na	na	na	408	532	657	634	595	792	1,089
Sum of above	na	na	na	na	200,217	218,530	245,948	283,377	316,599	373,185	452,236
SSB total[2]	126,000	125,800	125,300	139,700	169,800	192,260	218,100	248,300	275,000	321,413	361,949

[1] These GVAO data include all forms of sideline activity (hunting, gathering, handicrafts, and rural industry at or below the village-level). This is only available thru 1985, though an approximation for 1986-88 could be derived by adding the available current price GVAO that excludes rural industry to constant 1980 price rural industry (at or below the village-level). Rural industry data at that level is apparently not available in current prices (see China Agriculture Yearbooks, 1987-89, for the current price GVAO and constant 1980 price rural industry data).

[2] Although it is not made clear in the statistical references, the difference between the sum of the provinces and the SSB total appears to be because the SSB GVAO data exclude the value of village and below-village rural industry, while the provincial data continue to include it (SSB reporting changed to exclude the data in 1984). As the value of rural industry grew during the late 1970's and throughout the 1980's, the difference between the two totals also grew.

Sources: (33, pp. 44, 164), (38, pp. 95-418), and (63, pp. 74-75).

Table 17--Gross value of rural industrial output, current prices, by region and province, China, selected years, 1980–90

Region/province	1980	1983	1984	1985	1986	1987	1988	1989	1990
					Million yuan				
Northeast	4,575	6,691	9,302	14,036	19,202	26,889	37,868	45,935	50,469
Heilongjiang	1,061	1,549	1,694	2,537	3,304	4,318	5,435	7,282	7,959
Liaoning	2,692	4,090	5,933	9,499	13,056	18,138	26,244	31,205	34,524
Jilin	822	1,052	1,675	2,000	2,842	4,433	6,189	7,448	7,986
North	15,340	22,645	30,820	43,624	64,085	89,654	136,914	184,972	215,876
Shandong	4,955	7,938	10,420	14,021	21,709	32,329	53,530	75,615	92,646
Hebei	3,342	4,150	6,334	10,306	14,532	20,368	29,401	35,820	40,539
Beijing	1,080	2,230	3,092	4,325	4,905	6,490	10,127	13,586	16,267
Tianjin	1,021	1,793	2,412	3,414	4,624	6,798	11,164	15,589	19,274
Henan	3,243	4,178	4,903	6,430	12,047	16,720	23,500	31,996	32,781
Shanxi	1,699	2,356	3,659	5,128	6,268	6,949	9,192	12,366	14,369
Northwest	1,790	2,121	2,928	4,552	6,313	8,126	10,948	14,733	16,899
Shaanxi	713	974	1,464	2,563	3,702	4,792	6,148	8,094	9,267
Gansu	316	355	445	746	1,047	1,380	2,135	3,081	3,675
Nei Monggol	400	388	480	546	727	928	1,351	1,825	2,126
Ningxia	83	76	93	172	224	309	451	575	637
Xinjiang	218	255	344	393	466	548	640	855	894
Qinghai	60	73	102	132	147	169	223	303	300
East	18,844	29,717	44,746	73,157	95,501	130,702	186,158	212,381	236,346
Zhejiang	3,988	7,627	12,159	20,522	27,883	37,689	52,761	60,247	66,153
Jiangsu	10,928	15,895	23,071	38,656	50,141	69,724	99,337	111,384	125,195
Shanghai	2,836	4,557	6,236	8,966	10,759	14,430	21,019	25,420	27,922
Anhui	1,092	1,638	3,280	5,013	6,718	8,859	13,041	15,330	17,076
Central	4,890	7,700	10,700	14,526	18,311	24,435	33,683	41,539	46,727
Hubei	1,781	3,214	4,854	6,749	8,128	10,815	15,238	18,659	20,768
Hunan	2,044	2,924	3,918	4,901	6,380	9,339	12,479	14,352	15,990
Jiangxi	1,065	1,562	1,928	2,876	3,803	4,281	5,966	8,528	9,969
South	5,520	8,599	10,768	15,010	21,156	31,082	47,615	58,840	70,280
Guangdong	3,652	6,332	7,448	10,284	14,202	21,627	33,450	41,534	49,889
Guangxi	749	752	830	1,236	1,678	2,320	3,221	3,809	4,319
Fujian	1,119	1,515	2,490	3,490	5,276	7,135	10,600	13,162	15,725
Hainan[1]	na	na	na	na	na	na	344	335	347
Southwest	3,437	5,176	6,867	10,103	13,511	17,598	24,930	30,202	35,376
Sichuan	2,634	4,015	5,005	7,858	10,569	14,091	20,083	24,288	28,793
Guizhou	237	418	925	1,071	1,410	1,582	2,178	2,647	2,829
Yunnan	561	716	902	1,162	1,520	1,893	2,638	3,246	3,733
Xizang	5	27	35	12	12	32	31	21	21
Sum of above	54,396	82,649	116,131	175,008	238,079	328,486	478,116	588,602	671,973

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (39, p. 14), (41, p. 21), (42, p. 31), (43, p. 51), (44, p. 41), and (45, p. 47).

Table 18--Agricultural capital construction investment, by sector, China, 1952-90[1]

Year	Total[2]	Crops	Livestock[3]	Forestry	Aquatic products	Water conservation	Meteorology	Services
				Million yuan				
1952	583	167	*	2	na	411	3	na
1953	774	280	*	7	na	484	3	na
1954	416	180	*	6	na	224	6	na
1955	618	199	*	5	na	407	7	na
1956	1,188	449	*	27	na	706	6	na
1957	1,187	426	*	25	na	730	6	na
1958	2,626	597	*	61	na	1,960	8	na
1959	3,292	707	*	141	na	2,436	8	na
1960	4,515	1,151	*	156	na	3,199	9	na
1961	1,699	610	*	63	na	1,023	3	na
1962	1,439	502	*	108	na	827	2	na
1963	2,261	796	*	181	59	1,220	5	na
1964	2,688	893	*	223	65	1,500	6	na
1965	2,497	738	*	193	46	1,515	5	na
1975	3,840	855	*	214	170	2,566	29	na
1976	4,104	872	*	221	168	2,817	26	na
1977	4,175	942	*	197	156	2,847	33	na
1978	5,334	1,279	*	252	264	3,468	71	na
1979	5,792	614	986	362	282	3,496	52	na
1980	5,203	2,117	*	379	269	2,653	54	na
1981	2,921	1,029	109	285	149	1,313	35	na
1982	3,412	963	163	325	148	1,774	39	na
1983	3,545	829	153	269	132	2,110	51	na
1984	3,712	1,033	187	308	140	1,982	62	na
1985	3,694	729	195	353	117	1,802	103	395
1986	3,666	699	157	281	141	1,736	160	492
1987	4,282	655	205	437	220	2,118	71	576
1988	4,718	577	335	527	235	2,362	101	582
1989	5,065	508	377	544	222	2,953	na	460
1990	6,722	893	497	566	207	4,065	na	494

[1] Includes investment by all levels of government (central, province, prefecture, county, and township); does not include individual or collective (sometimes referred to as "extrabudgetary") investment.

[2] Totals are adjusted to include livestock, aquatic, and meteorology where they were not included in the SSB totals. However, beginning in 1989, meteorology investment data were no longer reported, so the totals for these years exclude meteorology.

[3] "*" indicates livestock number is included in the crops figure. Also, note that livestock investment for 1981-84 and meteorology investment for 1985-88 are calculated as residuals.

Sources: (30, p. 452), (32, p. 572), (33, pp. 488, 490), (34, pp. 166, 169), (35, pp. 156, 159), (36, pp. 71-5, 92), (37, p. 77), and (55, pp. 382-3).

Table 19--Agricultural capital construction investment use, by sector, China, 1982–90[1]

Sector	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Million yuan				
Total, all sectors:	55,553	59,413	74,315	107,437	117,611	134,310	152,579	155,174	170,381
Productive[2]	30,290	34,644	44,340	61,134	71,215	88,030	100,609	106,407	123,558
Nonproductive[3]	25,263	24,769	29,975	46,303	46,396	46,280	51,969	48,767	16,823
Housing	14,105	12,507	13,450	21,518	18,941	18,124	19,807	18,939	17,032
Agriculture:[4]	na	na	na	3,591	3,506	4,211	4,617	5,065	6,722
Productive	na	na	na	2,887	2,823	3,531	3,895	4,463	5,947
Nonproductive	na	na	na	704	683	679	721	602	775
Housing	na	na	na	312	300	256	306	272	292
Crops:	na	na	na	729	699	655	577	508	893
Productive	na	na	na	526	536	517	469	424	770
Nonproductive	na	na	na	203	163	137	108	84	122
Housing	na	na	na	92	71	56	48	46	55
Livestock:	na	na	na	195	157	205	335	377	497
Productive	na	na	na	168	134	178	307	340	457
Nonproductive	na	na	na	27	23	27	27	37	40
Housing	na	na	na	14	13	9	13	18	17
Forestry:	na	na	na	353	281	437	527	544	566
Productive	na	na	na	266	216	342	383	419	452
Nonproductive	na	na	na	87	66	95	144	125	114
Housing	na	na	na	43	36	38	71	61	60
Aquatic products:	na	na	na	117	141	220	235	222	207
Productive	na	na	na	90	121	196	209	201	180
Nonproductive	na	na	na	28	20	23	26	22	27
Housing	na	na	na	16	11	14	15	15	17
Water conservation:	na	na	na	1,802	1,736	2,118	2,362	2,953	4,065
Productive	na	na	na	1,647	1,546	1,936	2,178	2,780	3,765
Nonproductive	na	na	na	154	190	182	185	173	299
Housing	na	na	na	70	77	65	74	60	72
Services:	na	na	na	395	492	576	582	460	494
Productive	na	na	na	189	270	361	350	299	323
Nonproductive	na	na	na	206	221	215	232	161	172
Housing	na	na	na	76	93	74	85	72	71
Industry:	na	na	na	44,949	53,164	68,279	79,609	82,248	95,260
Productive	na	na	na	35,549	45,851	60,174	70,783	74,083	86,654
Nonproductive	na	na	na	9,100	7,313	8,105	8,827	8,165	8,606
Housing	na	na	na	5,486	3,779	4,646	4,980	4,807	4,973

[1] Includes investment by all levels of government (central, provincial, prefecture, county, and township); does not include individual or collective (sometimes referred to as "extrabudgetary") investment.

[2] Productive capital construction investment directly supports material production or services that production. In the case of agriculture, this would include investment toward construction projects on crop, livestock, and aquatic farms, tractor stations, irrigation works (canal engineering), and meteorological stations.

[3] Nonproductive capital construction investment does not support material production. Instead, it supports the satisfaction of nonmaterial human needs, including culture, education, entertainment, recreation, and any investment in housing or dormitories.

[4] These agriculture totals may vary from the totals in table 18 because meteorology investment was excluded.

Sources: (30, p. 453), (31, p. 479), (32, p. 572), (33, p. 490), (34, p. 169), and (35, p. 159).

Table 20--Total agricultural capital construction investment, by region and province, China, 1981–90[1]

Region/province	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Million yuan					
Northeast	529	420	336	406	369	392	632	594	607	865
Heilongjiang	390	268	184	260	214	194	284	219	249	343
Liaoning	87	95	90	105	110	124	234	276	268	327
Jilin	52	57	62	41	45	74	114	99	90	195
North	496	942	1,191	886	741	597	682	755	1,101	1,393
Shandong	82	94	75	123	127	155	152	186	432	216
Hebei	131	169	265	192	153	54	82	105	113	279
Beijing	65	130	105	91	127	75	64	51	64	132
Tianjin	27	352	534	257	79	38	56	61	53	120
Henan	143	138	136	154	184	192	235	273	317	479
Shanxi	48	59	76	69	71	83	93	79	122	167
Northwest	335	434	473	651	627	584	682	779	751	1,056
Shaanxi	60	53	66	79	72	62	82	76	64	123
Gansu	69	90	127	181	150	187	183	227	208	286
Nei Monggol	61	76	70	82	66	62	94	121	112	156
Ningxia	21	42	64	73	73	54	42	43	60	94
Xinjiang	94	138	122	202	209	183	235	258	263	325
Qinghai	30	35	24	34	57	36	46	54	44	72
East	227	224	314	385	406	419	528	605	672	874
Zhejiang	67	71	76	108	122	97	111	131	149	173
Jiangsu	49	44	80	86	90	76	111	129	117	192
Shanghai	55	49	52	67	68	68	27	59	103	176
Anhui	56	60	106	124	126	178	279	286	303	333
Central	249	340	282	368	363	409	548	684	574	718
Hubei	118	147	139	159	203	245	279	321	256	395
Hunan	76	107	86	100	103	92	140	212	181	210
Jiangxi	55	86	57	109	57	72	129	151	137	113
South	728	691	526	589	701	687	624	608	699	934
Guangdong	547	500	353	414	510	487	462	238	280	468
Guangxi	94	115	100	98	118	115	78	116	124	137
Fujian	87	76	73	77	73	85	84	79	84	117
Hainan[2]	na	na	na	na	na	na	na	175	211	212
Southwest	245	252	284	316	333	292	376	456	535	680
Sichuan	103	116	126	149	172	147	218	232	260	340
Guizhou	28	27	35	40	37	36	40	52	60	87
Yunnan	109	104	113	111	111	103	108	151	193	223
Xizang	5	5	10	16	13	6	10	21	22	30
Sum of above	2,809	3,303	3,406	3,601	3,540	3,380	4,072	4,481	4,939	6,520
Unaccounted for	112	109	139	111	154	128	139	136	125	201
SSB total	2,921	3,412	3,545	3,712	3,694	3,506	4,211	4,617	5,065	6,722

[1] During 1981–85, data for agricultural capital construction investment included crops, livestock, forestry, aquatics, water conservancy, and meteorology sectors; however, for 1986–90, meteorology was omitted. The SSB totals were adjusted to match this change. Note that investment for services is excluded for all years.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (31, p. 483), (32, p. 576), (33, p. 494), (34, p. 173), (35, p. 161), and (36, p. 105).

Table 21--State budgetary expenditures on agriculture, China, 1950–88

Year	Total state agriculture expenditures	Share (%) of total expenditures	Capital construction expenditures	Rural production support	Working capital	Trial product support	Other
	Billion yuan	*Percent*	*Billion yuan*				
1950	0.27	4.00	na	0.20	na	na	0.08
1951	0.42	3.40	na	0.37	na	na	0.05
1952	0.90	5.10	0.38	0.27	0.04	na	0.21
1953	1.31	5.90	0.58	0.42	0.04	na	0.27
1954	1.58	6.40	0.49	0.63	0.03	na	0.44
1955	1.70	6.30	0.57	0.78	0.03	na	0.31
1956	2.91	9.50	1.36	0.99	0.09	na	0.47
1957	2.46	8.10	1.09	0.91	0.10	na	0.36
1958	4.33	10.60	3.03	0.88	0.11	na	0.32
1959	5.82	10.50	2.99	2.21	0.24	na	0.39
1960	9.05	13.80	4.54	3.37	0.50	na	0.64
1961	5.48	14.90	1.24	3.09	0.38	na	0.78
1962	3.68	12.10	0.87	1.79	0.27	na	0.76
1963	5.50	16.20	1.85	2.16	0.41	0.08	1.00
1964	6.70	16.80	2.62	2.07	0.21	0.10	1.69
1965	5.50	11.80	2.35	1.73	0.29	0.11	1.03
1966	5.41	10.00	2.37	1.89	0.25	0.13	0.78
1967	4.56	10.30	2.21	1.59	0.24	0.03	0.49
1968	3.32	9.20	1.22	1.27	0.28	na	0.55
1969	4.80	9.10	1.79	1.49	0.25	na	1.28
1970	4.94	7.60	2.25	1.59	0.28	na	0.82
1971	6.08	8.30	3.33	1.97	0.21	0.01	0.56
1972	6.51	8.50	3.15	2.51	0.26	0.01	0.59
1973	8.52	10.50	3.75	3.55	0.30	0.00	0.91
1974	9.12	11.50	3.70	3.82	0.31	0.01	1.28
1975	9.90	12.10	3.56	4.25	0.32	0.01	1.76
1976	11.05	13.70	3.99	4.60	0.45	0.08	1.93
1977	10.81	13.80	3.60	5.07	0.36	0.09	1.70
1978	15.07	13.60	5.11	7.70	0.76	0.11	1.39
1979	17.42	13.70	6.24	9.00	0.54	0.15	1.49
1980	15.00	12.40	4.86	8.21	0.40	0.13	1.39
1981	11.02	9.90	2.42	7.37	0.22	0.12	0.91
1982	12.05	10.40	2.88	7.99	0.21	0.11	0.86
1983	13.28	10.30	3.43	8.67	0.08	0.18	0.94
1984	14.13	9.10	3.36	9.59	na	0.22	0.96
1985	15.36	8.30	3.77	10.10	na	0.20	1.29
1986	18.42	7.90	4.39	12.43	na	0.27	1.33
1987	19.55	7.94	4.68	13.42	na	0.23	1.25
1988	15.87	5.95	na	15.51	na	na	na

Sources: (11, p. 111), (32, pp. 666, 669), and (34, p. 239).

Table 22--National bank credit receipts and payments, yearend balance, China, 1982–90

Item	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Billion yuan				
Total receipts	349.0	396.6	508.0	643.1	820.6	997.6	1154.1	1361.8	1683.8
Total domestic deposits	236.6	276.2	338.6	427.3	538.2	657.2	742.6	901.4	1164.5
Enterprise	79.3	92.2	141.4	207.2	264.3	312.6	293.7	308.5	399.8
Budgetary	18.0	19.8	16.6	36.8	31.1	30.7	27.1	43.8	38.0
Capital construction[1]	28.5	30.0	33.3	--	--	--	--	--	--
Government agencies and organizations	33.1	37.8	32.3	32.6	39.6	44.9	39.3	48.4	61.5
Urban savings	44.7	57.3	77.7	105.8	147.1	206.4	265.9	373.5	519.3
Rural savings	33.0	39.1	37.2	45.0	56.0	62.6	67.0	71.6	85.0
Other	na	na	na	na	na	na	49.7	55.6	60.9
Bonds	na	na	na	na	na	na	7.6	7.0	9.2
Liabilities to international monetary institutions	5.2	5.4	6.2	7.8	12.4	18.6	14.9	13.9	18.6
Currency in circulation	43.9	53.0	79.2	98.8	121.8	145.4	213.4	234.4	264.4
Funds of banks	51.8	55.3	59.9	77.8	86.2	94.0	107.4	119.7	131.6
Current balance for profit and loss accounts	3.5	4.6	3.9	7.0	7.8	12.2	12.3	11.9	16.6
Other	7.9	2.1	20.0	24.4	54.0	70.2	56.0	73.6	78.9
Total payments	349.0	396.6	508.0	643.1	820.6	997.6	1154.1	1361.8	1683.8
Total loans	305.2	343.1	442.0	590.6	759.0	903.2	1055.1	1240.9	1516.6
Industry	52.7	59.7	88.4	116.5	165.0	204.4	208.5	272.5	356.0
Industry supply and marketing cooperatives and material supply departments	24.0	26.9	31.0	38.1	47.7	49.3	52.1	58.2	65.3
Commerce	178.8	197.9	227.3	264.9	309.2	350.6	410.1	477.5	576.8
Construction[1]	--	--	--	26.7	36.9	46.7	49.5	60.1	67.1
Urban collective and individual industrial and commercial units	13.3	15.9	29.5	32.1	42.6	55.0	65.6	70.9	83.1
Agriculture	21.2	23.1	36.8	41.7	57.0	68.6	81.4	89.5	103.8
Fixed asset	15.2	19.6	29.0	70.5	100.6	128.7	155.9	177.6	224.6
Other	na	na	na	na	na	na	32.0	34.7	39.9
Gold	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Foreign exchange	21.8	26.6	26.4	9.3	7.7	18.2	15.8	26.5	59.9
Assets in international monetary institutions	3.8	5.7	6.8	8.9	10.0	17.9	18.7	19.2	25.9
Claims on the government	17.0	20.0	26.1	27.5	37.0	51.5	57.6	68.5	80.1
Other payments	na	na	5.6	5.6	5.6	5.6	5.6	5.6	5.6

"--" indicates the item is not used as a separate category in that year.

[1] After the Construction Bank was established in 1985, capital construction deposits were no longer a separate deposit line item and capital construction loans were listed separately.

Sources: (33, p. 679) and (35, p. 642).

Table 23--Rural Credit Cooperative deposits and loans, yearend balance, China, 1953–90

Year	Deposits					Loans			
	Total	Agriculture collective	Township enterprise	Rural individual	Other	Total	Agriculture collective	Township enterprise	Rural individual
					Billion yuan				
1953	0.01	0.01	na	na	na	0.02	0.02	na	na
1954	0.16	0.16	na	na	na	0.12	0.12	na	na
1955	0.61	0.61	na	na	na	0.30	0.30	na	na
1956	1.08	0.65	na	0.43	na	1.02	0.41	na	0.61
1957	2.07	1.34	na	0.73	na	0.95	0.42	na	0.53
1958	4.03	2.02	na	2.01	na	2.47	1.36	na	1.11
1959	4.50	2.40	na	2.10	na	2.29	1.60	na	0.69
1960	4.31	2.79	na	1.52	na	2.23	1.27	na	0.96
1961	4.71	3.09	na	1.62	na	1.76	0.95	na	0.81
1962	2.82	1.84	na	0.98	na	1.56	0.79	na	0.77
1963	3.14	2.13	na	1.01	na	1.38	0.56	na	0.82
1964	4.28	3.21	na	1.07	na	1.41	0.42	na	0.99
1965	4.80	3.51	na	1.29	na	1.35	0.31	na	1.04
1966	6.09	4.63	na	1.46	na	1.52	0.38	na	1.14
1967	7.32	5.92	na	1.40	na	1.46	0.36	na	1.10
1968	7.57	5.97	na	1.60	na	1.65	0.40	na	1.25
1969	7.33	5.84	na	1.49	na	1.78	0.45	na	1.33
1970	7.64	6.14	na	1.50	na	1.88	0.56	na	1.32
1971	9.03	6.42	na	1.70	0.91	1.94	0.60	0.08	1.26
1972	9.09	6.15	na	2.01	0.93	2.11	0.79	0.12	1.20
1973	10.48	6.73	na	2.71	1.04	2.08	0.78	0.15	1.15
1974	12.12	7.81	na	3.06	1.25	2.20	1.07	na	1.13
1975	13.51	8.51	na	3.51	1.49	2.67	1.54	na	1.13
1976	14.12	8.94	na	3.69	1.49	3.58	1.71	0.70	1.17
1977	15.13	8.93	na	4.65	1.55	3.97	1.84	0.99	1.14
1978	16.60	9.38	na	5.57	1.65	4.51	2.18	1.21	1.12
1979	21.59	9.83	2.19	7.84	1.73	4.75	2.24	1.42	1.09
1980	27.23	10.55	2.95	11.70	2.04	8.16	3.45	3.11	1.60
1981	31.96	11.32	2.97	16.96	0.71	9.64	3.57	3.55	2.52
1982	38.99	12.11	3.37	22.81	0.71	12.12	3.48	4.23	4.41
1983	48.74	9.18	6.23	31.99	1.34	15.37	2.82	6.01	7.54
1984	62.50	9.00	8.11	43.81	1.58	35.45	3.84	13.50	18.11
1985	72.49	7.19	7.21	56.48	1.60	40.00	4.13	16.44	19.42
1986	96.23	8.39	9.17	76.61	2.07	56.85	4.46	26.59	25.80
1987	122.52	8.99	10.47	100.57	2.49	77.14	6.45	35.93	34.75
1988	139.98	9.84	12.83	114.23	3.08	90.86	8.01	45.61	37.24
1989	166.95	9.23	12.62	141.21	3.89	109.49	10.73	57.19	41.57
1990	214.49	10.65	14.99	184.16	4.70	141.30	13.41	76.07	51.82

Sources: (25, p. 433) and (35, p. 645).

Chapter 2

China's Grain Statistics

This chapter includes national- and provincial-level statistics on China's grain production, area, and state procurement, including total grain, summer grain, total wheat, winter wheat, spring wheat, total rice, early rice, intermediate crop rice, double crop late rice, northern rice, soybeans, tubers, total coarse grain, corn, sorghum, and millet. It also includes, by individual grain, provincial-level statistics on China's fixed- and negotiated-price state grain procurements and sales.

Table 24--Total grain production, China, 1949-90[1]

Year	Total	Rice	Wheat	Corn	Sorghum	Millet	Tubers	Soybean
				1,000 tons				
1949	111,211	48,645	13,810	na	na	na	7,876	5,085
1950	129,647	55,100	14,495	na	na	na	9,912	7,440
1951	140,885	60,555	17,230	na	na	na	11,200	8,630
1952	160,649	68,425	18,125	16,850	11,100	11,550	13,064	9,520
1953	163,498	71,270	18,280	16,690	11,200	10,300	13,328	9,930
1954	166,119	70,850	23,335	17,140	9,000	9,250	13,584	9,080
1955	180,155	78,025	22,965	20,320	10,250	10,050	15,120	9,120
1956	188,375	82,480	24,800	23,050	6,550	8,550	17,480	10,240
1957	190,661	86,775	23,640	21,440	7,650	8,550	17,536	10,050
1958	193,454	80,850	22,585	na	na	na	26,184	8,670
1959	165,236	69,365	22,180	na	na	na	19,056	8,760
1960	139,430	59,730	22,170	na	na	na	16,280	6,390
1961	143,154	53,640	14,250	15,500	5,750	5,250	17,384	6,210
1962	155,310	62,985	16,665	16,250	6,100	5,300	18,760	6,510
1963	165,722	73,765	18,475	20,580	6,850	6,000	17,112	6,910
1964	187,500	83,000	20,840	22,690	6,700	6,850	20,130	7,870
1965	194,525	87,720	25,220	23,660	7,100	6,200	19,860	6,140
1966	214,000	95,390	25,280	na	na	na	22,530	8,270
1967	217,820	93,685	28,485	na	na	na	22,430	8,270
1968	209,055	94,530	27,455	na	na	na	22,290	8,040
1969	210,970	95,055	27,285	na	na	na	24,120	7,630
1970	239,955	109,990	29,185	33,030	8,200	8,800	26,680	8,710
1971	250,140	115,205	32,575	35,850	8,800	7,700	25,070	8,610
1972	240,480	113,355	35,985	32,100	8,050	5,950	24,520	6,450
1973	264,935	121,735	35,225	38,630	10,650	8,150	31,560	8,370
1974	275,270	123,905	40,865	42,920	11,350	7,000	28,240	7,470
1975	284,515	125,560	45,310	47,220	10,750	7,150	28,570	7,240
1976	286,305	125,810	50,385	48,160	8,700	5,550	26,660	6,640
1977	282,725	128,565	41,075	49,390	7,700	6,150	29,670	7,260
1978	304,765	136,930	53,840	55,945	8,060	6,565	31,740	7,565
1979	332,115	143,750	62,730	60,035	7,625	6,125	28,460	7,460
1980	320,560	139,910	55,210	62,600	6,775	5,445	28,730	7,940
1981	325,020	143,955	59,640	59,205	6,650	5,765	25,970	9,325
1982	354,500	161,595	68,470	60,560	6,970	6,580	26,680	9,030
1983	387,275	168,865	81,390	68,205	8,355	7,540	29,245	9,760
1984	407,310	178,255	87,815	73,410	7,715	7,025	28,475	9,695
1985	379,108	168,569	85,805	63,826	5,609	5,977	26,096	10,509
1986	391,512	172,224	90,040	70,856	5,384	4,550	25,337	11,614
1987	402,977	174,262	85,902	79,241	5,426	4,357	28,205	12,465
1988	394,081	169,107	85,432	77,351	5,594	4,412	26,965	11,645
1989	407,549	180,130	90,807	78,928	4,435	3,753	27,304	10,227
1990	446,243	189,331	98,229	96,819	5,675	4,575	27,432	11,000

[1] Total grain and tubers for 1949-63 are adjusted to the same 5:1 tuber to grain conversion rate used in official statistics after 1963. Total grain also includes a number of minor grains (see table 30). Except for tubers (converted to 5:1 dry weight grain basis), grains are on a rough (unprocessed) basis. See the Definitions for information on the weight basis of specific grains.

Sources: (8, pp. 179-182), (9, pp. 212-215), (10, pp. 230-233), (11, pp. 257-260), (28, p. 158), (30, p. 179), (31, p. 169), (32, p. 247), (33, p. 197), (35, p. 345), and (56, pp. 154, 156-159).

Table 25--Total grain area, China, 1949–90

Year	Total[1]	Rice	Wheat	Corn	Sorghum	Millet	Tubers	Soybean
				1,000 hectares				
1949	109,959	25,709	21,515	na	na	na	7,010	8,319
1950	114,406	26,149	22,800	na	na	na	7,696	9,602
1951	117,769	26,933	23,055	na	na	na	8,286	10,801
1952	123,979	28,382	24,780	12,566	9,386	9,835	8,688	11,679
1953	126,637	28,321	25,636	13,134	9,559	9,866	9,016	12,362
1954	128,995	28,722	26,967	13,171	8,646	9,003	9,781	12,654
1955	129,839	29,173	26,739	14,639	8,060	8,929	10,054	11,442
1956	136,339	33,312	27,272	17,662	6,067	8,618	10,992	12,047
1957	133,633	32,241	27,542	14,943	6,634	8,377	10,495	12,748
1958	127,613	31,915	25,775	16,211	3,984	6,897	15,382	9,551
1959	116,023	29,034	23,575	13,002	4,744	6,912	12,289	9,863
1960	122,429	29,607	27,294	14,090	3,946	5,704	13,531	9,348
1961	121,433	26,276	25,572	13,602	5,567	6,293	12,026	9,957
1962	121,621	26,935	24,075	12,817	6,327	6,429	12,171	9,504
1963	120,741	27,715	23,771	15,376	6,716	7,042	11,899	9,633
1964	122,103	29,607	25,408	15,363	6,252	6,711	11,257	10,009
1965	119,627	29,825	24,709	15,671	6,150	6,562	11,175	8,593
1966	120,988	30,529	23,919	na	na	na	11,647	8,425
1967	119,230	30,436	25,299	na	na	na	10,716	8,503
1968	116,157	29,894	24,658	na	na	na	10,307	8,363
1969	117,604	30,432	25,162	na	na	na	10,447	8,329
1970	119,267	32,358	25,458	15,831	4,755	6,329	10,717	7,985
1971	120,846	34,918	25,639	16,726	4,988	6,302	10,405	7,791
1972	121,209	35,143	26,302	16,703	5,357	5,759	10,841	7,583
1973	121,156	35,090	26,439	16,571	5,227	5,909	11,306	7,408
1974	120,976	35,512	27,061	17,410	5,254	5,287	11,069	7,261
1975	121,062	35,729	27,661	18,598	4,670	6,251	10,969	6,999
1976	120,743	36,217	28,417	19,228	4,328	4,500	10,366	6,691
1977	120,400	35,526	28,065	19,658	3,759	4,477	11,229	6,845
1978	120,587	34,421	29,183	19,961	3,458	4,271	11,796	7,144
1979	119,263	33,873	29,357	20,133	3,172	4,173	10,952	7,247
1980	117,234	33,879	29,228	20,353	2,693	3,872	10,153	7,227
1981	114,958	33,295	28,307	19,425	2,610	3,889	9,620	8,023
1982	113,463	33,071	27,955	18,543	2,783	4,039	3,970	8,419
1983	114,047	33,137	29,050	18,824	2,707	4,087	9,402	7,567
1984	112,884	33,179	29,577	18,537	2,450	3,797	8,988	7,286
1985	108,845	32,070	29,218	17,694	1,937	3,318	8,572	7,718
1986	110,933	32,266	29,616	19,124	1,876	2,980	8,685	8,295
1987	111,215	32,193	28,798	20,193	1,864	2,688	8,868	8,411
1988	110,801	31,914	28,793	19,692	1,784	2,513	9,070	8,120
1989	112,205	32,700	29,841	20,353	1,630	2,396	9,097	8,057
1990	113,466	33,064	30,753	21,401	1,545	2,278	9,121	7,560

[1] China's official definition of grain includes potatos and soybeans. Total area is larger than the sum of the areas listed because it includes areas for other small miscellaneous grains (see table 30 for a list of some of the miscellaneous grains included).

Sources: (27, pp. 154–155), (30, p. 179), (31, p. 169), (32, p. 247), (33, p. 197), (35, p. 345), and (56, pp. 154, 156–159, 164).

Table 26--Total grain production, by region and province, China, 1963-90[1]

Region/province	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
					1,000 tons					
Northeast	17,665	17,600	20,785	22,915	25,655	24,075	19,400	28,065	27,075	21,270
Heilongjiang	6,980	7,050	8,830	10,385	12,225	10,865	7,920	11,970	12,010	8,995
Liaoning	5,670	5,630	6,705	6,555	6,950	6,990	6,495	8,705	7,935	6,705
Jilin	5,015	4,920	5,250	5,975	6,480	6,220	4,985	7,390	7,130	5,570
North	29,005	34,865	40,795	44,555	46,020	42,580	45,625	50,695	53,955	51,170
Shandong	9,925	11,355	12,500	14,700	14,660	12,825	14,495	14,645	16,075	16,650
Hebei	5,520	7,475	9,645	10,945	10,630	9,775	11,060	12,725	12,810	11,545
Beijing	855	975	1,190	1,100	1,135	1,275	1,160	1,410	1,425	1,180
Tianjin	650	670	1,170	820	1,020	1,060	850	1,175	1,190	775
Henan	7,880	9,500	11,660	12,270	13,820	13,305	13,205	15,555	16,470	16,270
Shanxi	4,175	4,890	4,630	4,720	4,755	4,340	4,855	5,185	5,985	4,750
Northwest	14,240	15,770	17,760	17,980	18,215	15,605	16,820	19,262	20,135	18,425
Shaanxi	4,405	4,475	6,075	5,895	5,590	4,855	5,725	6,010	6,600	6,275
Gansu	2,900	3,035	3,715	3,060	3,930	3,430	3,660	4,120	4,290	4,450
Nei Monggol	3,380	4,300	3,820	4,265	4,395	3,870	3,515	4,695	4,535	3,215
Ningxia	710	745	835	810	895	730	775	722	905	870
Xinjiang	2,235	2,585	2,645	3,355	2,735	2,215	2,585	3,065	3,165	2,820
Qinghai	610	630	670	595	670	505	560	650	640	795
East	27,700	32,055	34,770	37,300	36,480	37,610	37,435	42,820	45,895	47,875
Zhejiang	8,170	8,705	9,210	10,125	9,365	9,745	10,480	11,235	11,025	12,900
Jiangsu	11,150	13,505	14,140	15,735	15,195	15,325	15,545	16,830	19,070	19,010
Shanghai	1,405	1,725	1,755	1,865	1,840	1,855	2,080	2,120	2,190	2,290
Anhui	6,975	8,120	9,665	9,575	10,080	10,685	9,330	12,635	13,610	13,675
Central	26,105	28,305	31,460	32,710	31,655	32,715	32,020	37,355	39,180	38,910
Hubei	10,630	10,435	12,415	12,020	11,225	11,245	10,255	12,685	13,345	13,575
Hunan	9,095	10,865	11,020	12,635	12,745	13,175	13,100	14,815	15,890	15,385
Jiangxi	6,380	7,005	8,025	8,055	7,685	8,295	8,665	9,855	9,945	9,950
South	19,670	21,905	24,465	24,590	25,275	24,305	26,120	27,760	30,400	31,060
Guangdong	10,985	11,465	13,245	13,305	13,750	13,090	13,960	13,900	15,570	15,360
Guangxi	4,745	6,100	6,665	6,785	7,185	7,010	7,520	8,195	8,975	9,485
Fujian	3,940	4,340	4,555	4,500	4,340	4,205	4,640	5,665	5,855	6,215
Hainan[2]	na	na	na	na	na	na	na	na	na	na
Southwest	26,335	28,880	31,610	33,440	33,365	31,150	31,645	35,650	37,685	35,755
Sichuan	17,005	18,000	20,555	22,100	21,530	20,090	20,205	23,205	25,075	23,830
Guizhou	3,720	4,560	4,895	4,740	5,160	4,855	4,645	5,165	5,580	4,285
Yunnan	5,370	6,065	5,870	6,285	6,340	5,870	6,505	6,985	6,710	7,350
Xizang	240	255	290	315	335	335	290	295	320	290
Sum of above	160,720	179,380	201,645	213,490	216,665	208,040	209,065	241,607	254,325	244,465
SSB total	170,000	187,500	194,530	214,000	217,820	209,060	210,970	239,960	250,140	240,480

See footnotes at end of table.

Continued--

Table 26--Total grain production, by region and province, China, 1963–90[1]--Continued

Region/province	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
					1,000 tons					
Northeast	27,545	31,845	34,345	29,650	29,025	35,090	35,595	35,435	33,325	33,020
Heilongjiang	10,965	12,940	14,085	11,225	11,365	14,775	14,625	14,625	12,500	11,500
Liaoning	8,750	10,325	11,195	10,870	10,375	11,170	11,940	12,215	11,605	11,520
Jilin	7,830	8,580	9,065	7,555	7,285	9,145	9,030	8,595	9,220	10,000
North	58,620	60,540	65,985	68,475	63,115	70,505	74,980	70,645	72,145	74,770
Shandong	17,750	17,250	21,000	22,500	20,990	22,880	24,720	23,840	23,125	23,750
Hebei	13,880	15,685	15,435	14,800	13,130	16,880	17,795	15,225	15,750	17,520
Beijing	1,530	1,705	1,840	1,705	1,505	1,860	1,730	1,860	1,805	1,855
Tianjin	985	1,385	1,295	1,195	880	1,170	1,385	1,380	1,070	1,225
Henan	18,725	18,615	19,415	21,225	19,475	20,975	21,345	21,485	23,145	22,170
Shanxi	5,750	5,900	7,000	7,050	7,135	6,740	8,005	6,855	7,250	8,250
Northwest	20,400	22,175	23,965	22,765	22,410	23,715	24,625	22,500	22,915	25,435
Shaanxi	6,750	7,500	8,105	7,765	7,765	8,000	9,095	7,570	7,500	9,250
Gansu	3,985	5,000	5,500	4,805	4,770	4,910	4,615	4,925	4,350	4,690
Nei Monggol	4,970	5,025	5,195	5,115	4,755	4,985	5,100	3,965	5,100	5,300
Ningxia	760	1,180	1,095	755	990	1,170	1,060	1,200	1,265	1,195
Xinjiang	3,100	2,615	3,140	3,435	3,270	3,745	3,935	3,885	3,900	4,075
Qinghai	835	855	930	890	860	905	820	955	800	925
East	51,075	46,030	49,230	53,560	48,390	55,005	59,940	54,340	59,040	67,170
Zhejiang	12,505	12,335	11,225	11,965	12,240	14,670	16,115	14,355	14,195	17,125
Jiangsu	20,585	15,665	20,350	22,235	19,045	22,900	25,140	23,575	25,115	28,555
Shanghai	2,445	2,485	2,300	2,520	2,100	2,610	2,590	1,870	1,855	2,160
Anhui	15,540	15,545	15,355	16,840	15,005	14,825	16,095	14,540	17,875	19,330
Central	41,000	42,640	44,270	45,420	45,285	46,755	53,645	49,010	51,460	57,795
Hubei	14,740	15,760	15,615	16,980	16,165	17,255	18,495	15,365	17,070	19,960
Hunan	16,840	17,015	18,085	18,190	18,200	19,000	22,185	21,245	21,705	23,750
Jiangxi	9,420	9,865	10,570	10,250	10,920	10,500	12,965	12,400	12,685	14,085
South	30,940	33,385	33,935	32,670	35,200	34,405	36,735	38,010	36,150	41,440
Guangdong	14,850	16,720	16,260	15,915	17,520	16,320	17,380	18,085	16,555	19,430
Guangxi	10,040	10,350	11,270	10,750	11,150	10,825	11,730	11,905	11,495	13,530
Fujian	6,050	6,315	6,405	6,005	6,530	7,260	7,625	8,020	8,100	8,480
Hainan[2]	na	na	na	na	na	na	na	na	na	na
Southwest	40,060	38,295	39,625	39,210	43,690	47,555	48,200	50,005	49,985	54,870
Sichuan	25,705	25,615	25,805	25,420	29,230	31,965	33,615	34,365	34,655	38,420
Guizhou	5,990	5,440	5,385	5,695	6,660	6,435	6,230	6,480	5,675	6,540
Yunnan	7,990	6,805	7,990	7,615	7,300	8,640	7,930	8,655	9,170	9,460
Xizang	375	435	445	480	500	515	425	505	485	450
Sum of above	269,640	274,910	291,355	291,750	287,115	313,030	333,720	319,945	325,020	354,500
SSB total	264,940	275,270	284,520	286,310	282,730	304,770	332,115	320,555	325,020	353,425

See footnotes at end of table.

Continued--

Table 26--Total grain production, by region and province, China, 1963-90[1]--Continued

Region/province	1983	1984	1985	1986	1987	1988	1989	1990
				1,000 tons				
Northeast	45,120	48,180	36,313	43,962	46,897	46,434	39,168	58,537
Heilongjiang	15,490	17,575	14,300	17,763	17,376	16,430	16,215	23,125
Liaoning	14,850	14,260	9,760	12,222	12,763	13,072	9,440	14,947
Jilin	14,780	16,345	12,253	13,977	16,758	16,932	13,513	20,465
North	86,225	90,245	89,977	88,677	93,693	89,344	95,708	103,580
Shandong	27,000	30,400	31,377	32,500	33,937	30,377	30,647	33,549
Hebei	19,000	18,700	19,666	19,655	19,200	20,225	20,686	22,769
Beijing	2,015	2,175	2,197	2,165	2,270	2,346	2,392	2,646
Tianjin	1,110	1,315	1,405	1,576	1,677	1,583	1,698	1,889
Henan	29,040	28,935	27,105	25,457	29,484	26,630	31,494	33,037
Shanxi	8,060	8,720	8,227	7,324	7,125	8,183	8,791	9,690
Northwest	27,525	29,095	28,251	28,451	29,554	31,712	32,911	37,047
Shaanxi	9,650	10,235	9,519	9,655	9,879	9,673	10,493	10,707
Gansu	5,395	5,395	5,305	5,510	5,294	5,933	6,445	6,907
Nei Monggol	5,600	5,945	6,041	5,285	6,070	7,383	6,918	9,730
Ningxia	1,450	1,540	1,395	1,540	1,390	1,616	1,746	1,901
Xinjiang	4,535	4,970	4,988	5,477	5,880	6,049	6,201	6,662
Qinghai	895	1,010	1,003	984	1,041	1,058	1,108	1,140
East	68,540	76,255	71,296	75,535	75,080	73,054	74,185	75,136
Zhejiang	15,835	18,170	16,213	16,051	15,890	15,536	15,447	15,861
Jiangsu	30,530	33,535	31,265	33,396	32,577	32,165	32,578	32,308
Shanghai	2,070	2,525	2,138	2,369	2,326	2,389	2,325	2,395
Anhui	20,105	22,025	21,680	23,719	24,287	22,964	23,835	24,572
Central	61,020	64,250	62,639	63,898	64,772	62,952	65,815	67,846
Hubei	19,875	22,630	22,161	23,045	23,207	22,594	23,704	24,750
Hunan	26,540	26,130	25,143	26,315	25,937	25,199	26,482	26,514
Jiangxi	14,605	15,490	15,335	14,538	15,628	15,159	15,629	16,582
South	41,815	40,360	36,494	35,874	38,977	36,402	41,342	43,092
Guangdong	19,605	19,725	17,379	17,178	18,482	16,568	18,270	18,969
Guangxi	13,630	12,130	11,171	11,181	12,102	10,450	12,708	13,631
Fujian	8,580	8,505	7,944	7,515	8,393	8,186	8,846	8,796
Hainan[2]	na	na	na	na	na	1,198	1,518	1,696
Southwest	57,030	58,920	54,138	55,115	55,760	54,183	58,420	61,005
Sichuan	40,085	40,795	38,307	39,238	39,213	37,916	40,785	42,668
Guizhou	7,030	7,580	5,950	6,723	6,732	6,360	7,083	7,210
Yunnan	9,545	10,050	9,350	8,700	9,348	9,402	10,002	10,572
Xizang	370	495	531	454	467	505	550	555
Sum of above	387,275	407,305	379,108	391,512	404,733	394,081	407,549	446,243
SSB total	387,275	407,305	379,108	391,512	402,977	394,081	407,549	446,243

[1] Total grain includes rice, wheat, corn, sorghum, millet, other miscellaneous grain, tubers (potatoes), and soybeans.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 22), (4, p. 34), (5, p. 37), (6, p. 85), (7, p. 146), (8, p. 179), (28, p. 141), (34, p. 367), (35, p. 350), and (56, pp. 74-118).

Table 27--Total grain area, by region and province, China, 1963-90[1]

Region/province	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
					1,000 hectares					
Northeast	13,953	16,190	14,413	14,197	14,235	14,435	14,640	14,768	14,674	14,392
Heilongjiang	6,016	6,240	6,541	6,697	6,814	6,747	6,910	6,949	7,022	6,937
Liaoning	3,879	3,859	3,838	3,507	3,462	3,742	3,790	3,846	3,713	3,594
Jilin	4,058	6,090	4,034	3,992	3,959	3,946	3,941	3,973	3,939	3,862
North	32,478	32,929	32,145	32,033	31,434	30,797	30,536	31,308	31,178	31,198
Shandong	10,102	10,023	9,940	9,574	9,373	9,182	9,410	9,345	9,448	9,573
Hebei	6,971	7,535	7,215	7,555	7,496	7,359	7,497	7,671	7,663	7,507
Beijing	460	493	494	592	544	522	538	540	558	545
Tianjin	497	493	555	609	605	585	618	622	602	580
Henan	10,446	10,427	10,074	9,725	9,609	9,426	9,441	9,414	9,304	9,368
Shanxi	4,001	3,959	3,867	3,978	3,807	3,723	3,032	3,717	3,602	3,625
Northwest	15,737	16,072	16,170	17,954	17,598	15,608	15,597	15,969	15,657	15,449
Shaanxi	4,779	4,847	4,882	4,916	4,674	4,534	4,568	4,661	4,435	4,378
Gansu	3,057	3,130	3,149	4,894	4,750	3,119	3,115	3,188	3,133	3,112
Nei Monggol	4,716	4,784	4,709	4,494	4,485	4,434	4,457	4,535	4,510	4,441
Ningxia	709	753	772	809	793	753	748	770	766	786
Xinjiang	2,056	2,133	2,224	2,400	2,450	2,330	2,262	2,364	2,370	2,296
Qinghai	421	426	435	442	447	438	447	451	442	437
East	17,015	16,474	16,120	15,882	15,776	15,627	15,822	16,197	16,583	16,820
Zhejiang	3,045	3,013	2,976	2,992	3,006	3,039	3,121	3,203	3,284	3,391
Jiangsu	7,073	6,494	6,211	6,040	6,030	5,947	6,136	6,245	6,463	6,549
Shanghai	422	412	445	457	443	452	490	522	538	542
Anhui	6,475	6,555	6,487	6,393	6,297	6,189	6,076	6,227	6,298	6,338
Central	14,687	15,102	18,036	14,889	14,381	13,774	14,046	14,651	15,379	15,262
Hubei	5,885	5,872	5,825	5,469	5,184	4,957	5,062	5,395	5,675	5,572
Hunan	5,015	5,344	8,318	5,557	5,441	5,105	5,175	5,385	5,681	5,785
Jiangxi	3,787	3,886	3,893	3,863	3,756	3,712	3,809	3,871	4,024	3,905
South	10,843	11,036	10,623	10,849	10,911	10,480	10,695	11,182	11,775	11,926
Guangdong	5,316	5,303	5,241	5,221	5,310	5,066	5,126	5,339	5,689	5,723
Guangxi	3,665	3,812	3,655	3,646	3,667	3,565	3,661	3,842	3,919	3,996
Fujian	1,862	1,920	1,726	1,983	1,934	1,849	1,908	2,000	2,167	2,207
Hainan[2]	na	na	na	na	na	na	na	na	na	na
Southwest	15,184	15,409	14,956	15,314	15,538	15,032	14,903	15,481	17,687	16,390
Sichuan	9,495	9,582	9,108	9,309	9,273	9,011	8,833	9,497	9,804	10,215
Guizhou	2,214	2,266	2,299	2,427	2,638	2,491	2,548	2,333	2,477	2,510
Yunnan	3,305	3,384	3,372	3,401	3,437	3,341	3,336	3,462	5,210	3,474
Xizang	169	177	177	176	190	189	187	189	196	191
Sum of above	119,897	123,213	122,463	121,118	119,873	115,752	116,240	119,556	122,933	121,437
SSB total	120,741	122,103	119,627	120,988	119,230	116,157	117,604	119,267	120,846	121,209

See footnotes at end of table.

Continued--

Table 27--Total grain area, by region and province, China, 1963-90[1]--Continued

Region/province	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
					1,000 hectares					
Northeast	14,222	14,356	14,267	14,076	13,992	14,065	14,310	14,063	13,931	13,791
Heilongjiang	6,784	7,034	7,058	7,074	7,027	7,134	7,384	7,318	7,282	7,089
Liaoning	3,594	3,506	3,449	3,391	3,388	3,327	3,326	3,221	3,139	3,146
Jilin	3,844	3,816	3,761	3,611	3,577	3,603	3,600	3,524	3,509	3,555
North	31,514	31,439	31,369	31,159	30,714	30,735	30,309	29,442	28,961	27,919
Shandong	9,471	9,307	9,205	9,147	8,856	8,808	8,735	8,475	8,150	7,685
Hebei	7,777	8,061	8,054	8,077	7,945	7,949	7,762	7,487	7,310	6,927
Beijing	560	574	597	589	579	561	560	549	530	527
Tianjin	629	642	640	633	613	601	585	564	521	501
Henan	9,359	9,231	9,207	9,118	9,081	9,123	9,067	8,859	9,029	8,923
Shanxi	3,718	3,623	3,665	3,595	3,639	3,693	3,599	3,509	3,420	3,355
Northwest	17,530	15,224	15,203	14,845	14,935	15,102	14,772	14,465	13,998	13,823
Shaanxi	4,384	4,365	4,368	4,300	4,418	4,488	4,304	4,310	4,080	4,024
Gansu	3,059	3,066	3,025	2,965	2,972	2,996	2,968	2,940	2,860	2,844
Nei Monggol	6,615	4,361	4,290	4,101	4,065	4,094	4,042	3,882	3,854	3,843
Ningxia	734	734	770	758	735	756	766	742	714	668
Xinjiang	2,299	2,263	2,310	2,282	2,308	2,334	2,270	2,178	2,083	2,035
Qinghai	439	436	440	438	438	435	420	412	408	408
East	16,687	16,557	16,450	16,721	16,649	16,360	16,297	16,312	16,239	16,307
Zhejiang	3,402	3,359	3,284	3,309	3,311	3,350	3,335	3,418	3,375	3,437
Jiangsu	6,420	6,350	6,378	6,462	6,451	6,311	6,181	6,375	6,396	6,387
Shanghai	547	544	544	542	537	512	492	494	445	449
Anhui	6,317	6,303	6,243	6,409	6,349	6,187	6,288	6,026	6,024	6,033
Central	15,288	17,968	15,162	15,212	15,320	15,194	15,037	14,579	14,352	14,393
Hubei	5,557	8,373	5,579	5,585	5,656	5,545	5,489	5,352	5,173	5,246
Hunan	5,836	5,716	5,712	5,804	5,781	5,828	5,704	5,451	5,420	5,403
Jiangxi	3,895	3,879	3,871	3,824	3,883	3,821	3,844	3,775	3,758	3,744
South	12,128	12,346	12,467	12,487	12,500	12,323	11,842	11,453	11,132	11,043
Guangdong	5,755	5,886	5,865	5,844	5,888	5,825	5,598	5,320	5,062	5,020
Guangxi	4,112	4,199	4,311	4,370	4,411	4,285	4,094	3,957	3,933	3,940
Fujian	2,261	2,261	2,291	2,274	2,201	2,213	2,150	2,176	2,138	2,084
Hainan[2]	na	na	na	na	na	na	na	na	na	na
Southwest	16,378	16,369	16,436	16,670	16,668	17,243	17,235	16,756	16,344	16,187
Sichuan	10,160	10,234	10,279	10,416	10,345	10,662	10,789	10,545	10,303	10,232
Guizhou	2,588	2,516	2,497	2,610	2,609	2,698	2,551	2,418	2,308	2,284
Yunnan	3,441	3,431	3,463	3,452	3,524	3,678	3,687	3,593	3,540	3,474
Xizang	189	188	196	191	191	205	207	199	193	197
Sum of above	123,748	124,258	121,354	121,171	120,779	121,022	119,802	117,070	114,958	113,462
SSB total	121,156	120,976	121,062	120,743	120,400	120,587	119,263	117,234	114,958	113,463

See footnotes at end of table.

Continued--

Table 27--Total grain area, by region and province, China, 1963–90[1]--Continued

Region/province	1983	1984	1985	1986	1987	1988	1989	1990
				1,000 hectares				
Northeast	13,993	13,956	13,389	13,831	14,028	13,413	13,776	14,067
Heilongjiang	7,235	7,355	7,216	7,324	7,412	6,887	7,262	7,420
Liaoning	3,172	3,099	2,890	3,037	3,131	3,100	3,083	3,122
Jilin	3,586	3,502	3,283	3,470	3,486	3,426	3,431	3,526
North	28,375	27,825	27,518	28,748	28,453	27,879	28,312	28,528
Shandong	7,795	7,833	7,984	8,448	8,215	8,047	8,058	8,152
Hebei	6,903	6,656	6,493	6,827	6,688	6,653	6,760	6,828
Beijing	530	523	511	499	495	488	483	484
Tianjin	505	487	446	457	458	450	455	458
Henan	9,286	8,997	9,029	9,372	9,365	9,039	9,262	9,316
Shanxi	3,356	3,329	3,055	3,145	3,232	3,202	3,294	3,290
Northwest	13,847	13,672	13,062	13,181	13,340	13,378	13,593	13,844
Shaanxi	4,049	4,013	3,966	3,978	4,108	4,034	4,106	4,135
Gansu	2,874	2,817	2,775	2,765	2,821	2,864	2,825	2,875
Nei Monggol	3,837	3,762	3,422	3,581	3,556	3,613	3,721	3,874
Ningxia	695	681	650	660	683	699	706	724
Xinjiang	1,988	1,993	1,862	1,810	1,788	1,783	1,840	1,836
Qinghai	404	406	387	387	384	385	395	400
East	16,513	16,728	16,040	16,159	16,312	16,134	16,298	16,292
Zhejiang	3,480	3,483	3,271	3,166	3,235	3,204	3,223	3,266
Jiangsu	6,469	6,567	6,432	6,494	6,483	6,391	6,455	6,363
Shanghai	478	486	438	447	442	426	417	417
Anhui	6,086	6,192	5,899	6,052	6,151	6,112	6,204	6,246
Central	14,430	14,399	13,920	13,932	14,122	13,862	14,213	14,265
Hubei	5,293	5,294	5,108	5,092	5,143	5,076	5,189	5,200
Hunan	5,423	5,391	5,161	5,210	5,151	5,210	5,330	5,366
Jiangxi	3,714	3,714	3,651	3,630	3,828	3,576	3,694	3,699
South	10,923	10,555	9,800	9,892	9,920	10,302	10,157	10,284
Guangdong	5,005	4,848	4,465	4,463	4,419	4,365	3,967	3,996
Guangxi	3,834	3,690	3,447	3,531	3,539	3,488	3,597	3,640
Fujian	2,084	2,017	1,888	1,898	1,962	1,951	2,045	2,081
Hainan[2]	na	na	na	na	na	497	547	567
Southwest	15,965	15,749	15,114	15,190	15,272	15,340	15,856	16,185
Sichuan	9,998	9,798	9,389	9,391	9,415	9,477	9,672	9,828
Guizhou	2,304	2,318	2,212	2,276	2,303	2,379	2,468	2,543
Yunnan	3,471	3,441	3,319	3,333	3,365	3,294	3,527	3,622
Xizang	192	192	194	190	190	190	190	192
Sum of above	114,046	112,884	108,843	110,933	111,448	110,307	112,204	113,466
SSB total	114,047	112,884	108,845	110,933	111,268	110,123	112,205	113,466

[1] Total grain includes rice, wheat, corn, sorghum, millet, other miscellaneous grain, tubers (potatoes), and soybeans.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 22), (4, p. 34), (5, p. 37), (6, p. 85), (7, p. 146), (8, p. 179), (28, p. 137), (34, p. 358), (35, p. 341), and (56, pp. 74–118).

Table 28--Total grain, rice, and wheat production, by individual harvest, China, 1949–90[1]

Year	Grain		Rice					Wheat	
	Total[2]	Summer	Total	Early	Inter-mediate	Double-crop late	Northern	Total	Winter
					1,000 tons				
1949	111,211	na	48,645	na	na	na	na	13,810	na
1950	129,647	na	55,100	na	na	na	na	14,495	na
1951	140,885	na	60,555	na	na	na	na	17,230	na
1952	160,649	na	68,425	na	na	na	na	18,125	na
1953	163,498	na	71,270	na	na	na	na	18,280	na
1954	166,119	na	70,850	na	na	na	na	23,335	na
1955	180,155	na	78,025	na	na	na	na	22,965	na
1956	188,375	na	82,480	na	na	na	na	24,800	na
1957	190,661	30,325	86,775	19,340	47,570	15,150	4,720	23,640	na
1958	193,454	na	80,850	na	na	na	na	22,585	na
1959	165,236	na	69,365	na	na	na	na	22,180	na
1960	139,430	na	59,730	na	na	na	na	22,170	na
1961	143,154	19,830	53,640	na	na	na	na	14,250	na
1962	155,310	23,240	62,985	na	na	na	na	16,665	na
1963	165,722	23,695	73,765	16,710	40,770	12,970	3,330	18,475	na
1964	187,500	26,000	83,000	20,275	43,700	14,970	4,060	20,840	na
1965	194,525	30,045	87,720	25,585	42,890	15,540	5,030	25,220	na
1966	214,000	na	95,390	na	na	na	na	25,280	na
1967	217,820	na	93,685	na	na	na	na	28,485	na
1968	209,055	na	94,530	na	na	na	na	27,455	na
1969	210,970	na	95,065	na	na	na	na	27,285	na
1970	239,955	34,080	109,990	37,410	39,320	26,320	6,500	29,185	na
1971	250,140	39,375	115,205	44,250	33,670	29,820	7,470	32,575	27,500
1972	240,480	42,430	113,355	45,735	30,440	31,390	5,790	35,985	30,500
1973	264,935	40,495	121,735	44,755	34,350	35,510	7,140	35,225	30,120
1974	275,270	46,120	123,905	50,805	32,220	33,290	7,610	40,865	34,530
1975	284,515	49,920	125,560	48,700	33,650	34,780	8,430	45,310	38,520
1976	286,305	55,050	125,810	51,640	33,410	33,810	6,950	50,385	42,570
1977	282,725	44,060	128,565	46,205	35,060	39,000	8,300	41,075	33,630
1978	304,765	59,375	136,930	50,810	38,090	39,080	8,950	53,840	46,720
1979	332,115	67,865	143,750	51,975	41,480	41,700	8,600	62,730	54,810
1980	320,560	59,285	139,910	49,140	44,410	36,710	9,660	55,210	45,300
1981	325,020	63,990	143,955	49,535	49,090	36,140	9,200	59,640	51,930
1982	354,500	73,335	161,595	53,060	54,080	44,790	9,690	68,470	60,170
1983	387,275	84,440	168,865	50,765	58,870	48,190	11,060	81,390	71,010
1984	407,310	91,985	178,255	53,305	64,040	48,030	12,440	87,815	77,530
1985	379,108	88,735	168,569	48,807	62,630	45,176	11,956	85,805	75,833
1986	391,512	93,291	172,224	49,619	65,034	44,672	12,899	90,040	80,559
1987	402,977	92,348	174,262	47,669	65,656	47,542	13,549	85,902	78,873
1988	394,081	90,608	169,107	47,282	65,396	45,010	13,539	85,432	76,578
1989	407,549	96,503	180,130	48,972	70,750	49,653	13,640	90,807	83,176
1990	446,243	100,871	189,331	51,649	72,422	50,438	17,239	98,229	85,532

[1] Total grain, rice, and wheat data are from the State Statistical Bureau (SSB). The other data are from the Ministry of Agriculture (MOA) and do not necessarily sum to the total SSB figures given here. The data all represent rough weight.
[2] Total grain for 1949–63 is adjusted to the 5:1 potato to grain conversion ratio used in official statistics after 1963.

Sources: (8, pp. 179–182), (9, pp. 212–215), (10, pp. 230–233), (11, pp. 257–260), (12, pp. 261, 263–265), (13, pp. 294–296), (28, p. 158), (30, p. 179), (31, p. 169), (32, p. 247), (33, p. 197), (35, p. 345), and (56, pp. 169–173).

Table 29--Total grain, rice, and wheat area, by individual harvest, China, 1949–90[1]

Year	Grain		Rice					Wheat	
	Total	Summer	Total	Early	Inter-mediate	Double-crop late	Northern	Total	Winter
				1,000 hectares					
1949	109,959	na	25,709	na	na	na	na	21,515	na
1950	114,406	na	26,149	na	na	na	na	22,800	na
1951	117,769	na	26,933	na	na	na	na	23,055	na
1952	123,979	na	28,382	na	na	na	na	24,780	na
1953	126,637	na	28,321	na	na	na	na	25,636	na
1954	128,995	na	28,722	na	na	na	na	26,967	na
1955	129,839	na	29,173	na	na	na	na	26,739	na
1956	136,339	na	33,312	na	na	na	na	27,272	na
1957	133,633	36,546	32,241	7,872	15,450	6,903	2,136	27,542	na
1958	127,613	na	31,915	na	na	na	na	25,775	na
1959	116,023	na	29,034	na	na	na	na	23,575	na
1960	122,429	na	29,607	na	na	na	na	27,294	na
1961	121,433	33,857	26,276	na	na	na	na	25,572	na
1962	121,621	32,449	26,935	na	na	na	na	24,075	na
1963	120,741	31,190	27,715	6,687	13,981	5,783	1,264	23,771	na
1964	122,103	32,574	29,607	7,588	13,869	6,609	1,540	25,408	na
1965	119,627	31,155	29 825	8,156	13,032	7,310	1,754	24,709	na
1966	120,988	na	30,529	na	na	na	na	23,919	na
1967	119,230	na	30,436	na	na	na	na	25,299	na
1968	116,157	na	29,894	na	na	na	na	24,658	na
1969	117,604	na	30,432	na	na	na	na	25,162	na
1970	119,267	29,633	32,358	10,264	10,007	10,109	1,842	25,456	na
1971	120,846	30,191	34,918	12,329	8,916	11,627	2,047	25,639	21,309
1972	121,209	30,627	35,143	12,705	8,563	11,807	2,067	26,302	21,777
1973	121,156	30,702	35,090	12,603	8,515	12,174	1,797	26,439	21,845
1974	120,976	30,801	35,512	12,815	8,327	12,561	1,810	27,061	22,524
1975	121,062	30,873	35,729	12,819	8,370	12,653	1,873	27,661	22,889
1976	120,743	31,583	36,217	13,017	8,326	12,809	2,065	28,417	23,355
1977	120,400	30,895	35,526	12,670	8,265	12,613	1,978	28,065	22,871
1978	120,587	31,885	34,421	12,856	8,175	12,056	2,001	29,183	23,997
1979	119,263	31,926	33,873	11,422	8,831	11,625	1,995	29,357	24,392
1980	117,234	31,000	33,879	11,110	9,561	11,168	2,039	29,228	23,609
1981	114,958	29,870	33,295	10,642	9,993	10,707	1,953	28,307	23,261
1982	113,463	29,609	33,071	10,511	10,033	10,601	1,925	27,955	23,191
1983	114,047	30,453	33,137	10,496	10,252	10,423	1,965	29,050	24,113
1984	112,884	31,097	33,179	10,262	10,451	10,379	2,086	29,577	24,704
1985	108,845	30,396	32,070	9,575	10,527	9,707	2,261	29,218	24,409
1986	110,933	30,729	32,266	9,543	10,533	9,797	2,393	29,616	24,891
1987	111,215	30,511	32,193	9,370	10,528	9,768	2,527	28,798	24,555
1988	110,801	30,898	31,914	9,220	10,678	9,558	2,532	28,793	24,793
1989	112,205	31,385	32,700	9,365	10,888	9,776	2,672	29,841	25,324
1990	113,466	32,043	33,064	9,418	10,984	9,839	2,824	30,753	25,930

[1] Total grain, rice, and wheat data are from the State Statistical Bureau (SSB). The other data are from the Ministry of Agriculture (MOA) and do not necessarily sum to the total SSB figures given here.

Sources: (8, pp. 179–182), (9, pp. 212–215), (10, pp. 230–233), (11, pp. 257–260), (12, pp. 261, 264–265), (13, pp. 292–296), (28, p. 158), (30, p. 179), (31, p. 169), (32, p. 247), (33, p. 197), (35, p. 345), and (56, pp. 169–173).

Table 30--Coarse grain area and production, China, 1952-90

Year	Area					Production				
	Total[1]	Corn	Sorghum	Millet	Other[2]	Total[1]	Corn[3]	Sorghum	Millet	Other[2]
	1,000 hectares					*1,000 tons*				
1952	50,450	12,566	9,386	9,835	18,663	51,550	16,850	11,100	11,550	12,050
1953	51,302	13,134	9,559	9,866	18,743	50,690	16,690	11,200	10,300	12,500
1954	50,871	13,171	8,646	9,003	20,051	49,290	17,140	9,000	9,250	13,900
1955	52,431	14,639	8,060	8,929	20,804	54,920	20,320	10,250	10,050	14,300
1956	52,717	17,662	6,067	8,618	20,370	53,350	23,050	6,550	8,550	15,200
1957	50,607	14,943	6,634	8,377	20,653	52,690	21,440	7,650	8,550	15,050
1958	44,990	16,211	3,984	6,897	17,899	na	na	na	na	na
1959	41,262	13,002	4,744	6,912	16,604	na	na	na	na	na
1960	42,649	14,090	3,946	5,704	18,909	na	na	na	na	na
1961	46,686	13,602	5,567	6,293	21,223	43,050	15,500	5,750	5,250	16,550
1962	48,936	12,817	6,327	6,429	23,362	46,750	16,250	6,100	5,300	19,100
1963	47,721	15,376	6,716	7,042	18,587	45,180	20,580	6,850	6,000	11,750
1964	45,823	15,363	6,252	6,711	17,497	49,040	22,690	6,700	6,850	12,800
1965	45,325	15,671	6,150	6,562	16,943	55,560	23,660	7,100	6,200	18,600
1966	na	na	na	na	na	na	na	na	na	na
1967	na	na	na	na	na	na	na	na	na	na
1968	na	na	na	na	na	na	na	na	na	na
1969	na	na	na	na	na	na	na	na	na	na
1970	42,858	15,831	4,755	6,329	15,943	68,180	33,030	8,200	8,800	18,150
1971	41,459	16,726	4,988	6,302	13,443	67,300	35,850	8,800	7,700	14,950
1972	41,340	16,703	5,357	5,759	13,522	60,500	32,100	8,050	5,950	14,400
1973	40,915	16,571	5,227	5,909	13,209	71,680	38,630	10,650	8,150	14,250
1974	39,763	17,410	5,254	5,287	11,811	75,970	42,920	11,350	7,000	14,700
1975	40,904	18,598	4,670	6,251	11,385	78,720	47,220	10,750	7,150	13,600
1976	39,050	19,228	4,329	4,501	10,993	76,860	48,160	8,700	5,550	14,450
1977	38,737	19,658	3,759	4,477	10,843	76,140	49,390	7,700	6,150	12,900
1978	38,230	19,961	3,457	4,271	10,541	84,170	55,945	8,060	6,565	13,600
1979	37,835	20,133	3,173	4,173	10,357	88,235	60,035	7,625	6,125	14,450
1980	36,789	20,395	2,693	3,872	9,830	88,770	62,600	6,775	5,445	13,950
1981	35,712	19,425	2,610	3,889	9,788	86,120	59,205	6,650	5,765	14,500
1982	34,648	18,543	2,784	4,039	9,282	88,360	60,560	6,970	6,580	14,250
1983	34,891	18,824	2,707	4,087	9,273	98,000	68,205	8,355	7,540	13,900
1984	33,855	18,537	2,450	3,797	9,070	103,065	73,410	7,715	7,025	14,915
1985	31,267	17,694	1,937	3,318	8,318	88,198	63,826	5,609	5,977	12,786
1986	32,071	19,124	1,876	2,980	8,092	92,297	70,856	5,384	4,540	11,517
1987	32,965	20,212	1,864	2,688	8,201	102,143	79,241	5,426	4,357	13,119
1988	32,177	19,692	1,784	2,513	8,188	100,932	77,351	5,594	4,412	13,575
1989	32,509	20,353	1,630	2,396	8,130	99,081	78,928	4,435	3,753	11,965
1990	32,968	21,401	1,545	2,278	7,743	120,250	96,819	5,675	4,575	13,181

[1] Total is the sum of the four columns: corn, sorghum, millet, and other.

[2] It is unclear exactly which grains make up other, though it probably includes barley, oats, buckwheat, proso-millet, meng beans, broad beans, ormosia beans, and an unknown number of other minor grains.

[3] Reported on a shelled basis (off the cob and dried to between 14-18 percent water content depending on the province).

Sources: (28, pp. 138, 141), (30, p. 179), (31, p. 169), (32, p. 247), (33, p. 197), (56, pp. 154-159, 162-163) and (35, p. 345).

Table 31--Wheat production, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	3,595	4,165	3,350	2,985	4,700	4,005	3,899	3,666	3,118	2,638	3,912	5,596
Heilongjiang	3,335	3,945	3,140	2,780	4,510	3,825	3,768	3,559	2,998	2,504	3,673	5,018
Liaoning	85	55	55	50	45	25	28	40	57	83	153	450
Jilin	175	165	155	155	145	155	103	67	63	51	86	128
North	28,535	22,270	26,095	27,610	36,945	40,435	41,803	43,796	41,806	41,210	46,788	47,117
Shandong	9,570	7,660	8,700	8,240	12,000	12,785	14,961	15,624	14,741	14,401	15,806	16,614
Hebei	6,340	3,840	4,175	4,475	6,945	7,160	7,443	8,268	7,235	7,922	9,138	9,276
Beijing	615	405	560	475	660	730	731	710	755	840	916	1,015
Tianjin	490	275	210	190	330	330	435	461	475	543	608	620
Henan	9,690	8,905	10,835	12,200	14,555	16,530	15,282	15,679	16,260	15,210	17,176	16,399
Shanxi	1,830	1,185	1,615	2,030	2,455	2,900	2,951	3,054	2,340	2,294	3,144	3,193
Northwest	10,015	8,715	10,125	12,155	12,995	13,810	13,227	13,750	13,130	13,856	15,506	16,393
Shaanxi	3,595	2,300	3,540	4,210	4,445	4,495	4,233	4,441	4,177	4,109	4,930	4,637
Gansu	2,325	2,400	2,320	3,105	3,335	3,415	3,148	3,307	3,020	3,241	3,610	3,714
Nei Monggol	1,085	825	1,000	1,265	1,210	1,440	1,485	1,308	1,257	1,648	1,883	2,617
Ningxia	420	495	540	615	730	750	586	703	463	655	719	775
Xinjiang	2,110	2,130	2,225	2,330	2,655	3,035	3,145	3,382	3,537	3,516	3,658	3,908
Qinghai	480	565	500	630	620	675	630	609	676	687	706	742
East	10,180	9,485	10,535	13,785	14,310	16,660	15,475	17,038	17,092	16,166	15,464	16,451
Zhejiang	745	795	745	970	865	1,015	904	787	641	764	734	872
Jiangsu	5,345	5,080	5,260	7,095	7,610	9,040	8,294	9,383	8,995	8,943	8,461	9,298
Shanghai	190	205	175	180	110	140	218	302	277	283	242	301
Anhui	3,900	3,405	4,355	5,540	5,725	6,465	6,059	6,566	7,179	6,176	6,027	5,980
Central	3,325	3,000	2,845	4,020	3,735	4,215	3,850	4,204	4,570	4,448	4,069	4,279
Hubei	2,835	2,665	2,485	3,580	3,355	3,780	3,454	3,815	4,211	4,081	3,755	3,911
Hunan	350	245	265	325	305	335	292	297	283	284	243	286
Jiangxi	140	90	95	115	75	100	104	92	76	83	71	82
South	630	490	365	420	175	335	263	233	300	334	477	553
Guangdong	355	240	140	165	65	125	79	68	77	88	171	219
Guangxi	60	25	20	20	15	15	10	12	12	19	29	24
Fujian	215	225	205	235	95	195	174	153	211	227	277	310
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	6,450	6,030	6,325	7,445	8,530	8,355	7,288	7,353	7,752	7,078	7,648	8,967
Sichuan	5,165	4,715	5,140	6,360	7,240	7,030	6,256	6,501	6,584	5,720	6,230	7,017
Guizhou	425	350	320	300	320	360	295	322	315	420	480	718
Yunnan	705	785	735	675	865	825	619	435	746	827	804	1,068
Xizang	155	180	130	110	105	140	118	95	107	111	134	164
Sum of above	62,730	54,155	59,640	68,420	81,390	87,815	85,805	90,040	87,768	85,730	93,864	99,356
SSB total	62,730	55,205	59,640	68,420	81,390	87,815	85,805	90,040	85,902	85,432	90,807	98,229

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 25), (4, p. 36), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 350), and (13, p. 296).

Table 32--Wheat area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	2,078	2,284	2,349	2,039	2,198	2,076	2,121	2,040	1,652	1,306	1,787	1,956
Heilongjiang	1,859	2,105	2,190	1,904	2,096	1,980	2,038	1,969	1,537	1,239	1,682	1,781
Liaoning	50	41	35	30	21	15	12	21	27	34	55	114
Jilin	168	138	124	105	81	81	71	50	37	33	50	60
North	11,920	11,733	11,313	10,956	11,541	11,955	12,226	12,724	12,375	12,471	12,515	12,783
Shandong	3,721	3,668	3,510	3,343	3,587	3,803	3,952	4,218	4,004	4,052	3,991	4,147
Hebei	2,844	2,760	2,518	2,243	2,346	2,373	2,352	2,492	2,350	2,421	2,453	2,508
Beijing	197	188	184	181	187	195	191	185	183	186	185	188
Tianjin	213	195	168	141	155	162	150	144	140	141	138	140
Henan	3,888	3,927	3,990	4,120	4,319	4,456	4,568	4,638	4,688	4,675	4,733	4,783
Shanxi	1,057	995	944	928	947	966	1,013	1,047	1,010	996	1,014	1,016
Northwest	5,798	5,778	5,676	5,799	5,930	6,018	5,867	5,831	5,688	5,706	5,841	6,005
Shaanxi	1,597	1,590	1,547	1,616	1,678	1,689	1,693	1,698	1,698	1,696	1,687	1,691
Gansu	1,401	1,384	1,393	1,463	1,508	1,519	1,486	1,486	1,428	1,384	1,446	1,458
Nei Monggol	952	957	903	878	911	932	927	937	921	974	1,008	1,154
Ningxia	299	291	272	289	304	308	282	291	247	289	300	308
Xinjiang	1,347	1,355	1,356	1,329	1,305	1,350	1,278	1,218	1,193	1,157	1,190	1,180
Qinghai	202	201	206	224	224	220	201	201	201	205	210	213
East	3,764	3,842	3,980	4,225	4,444	4,703	4,520	4,595	4,567	4,630	4,761	4,868
Zhejiang	275	326	324	347	368	367	338	302	286	296	303	318
Jiangsu	1,496	1,549	1,699	1,867	2,014	2,236	2,170	2,266	2,218	2,247	2,354	2,399
Shanghai	43	51	52	43	37	36	57	73	77	70	70	77
Anhui	1,950	1,916	1,905	1,968	2,025	2,064	1,955	1,954	1,986	2,017	2,034	2,074
Central	1,658	1,635	1,609	1,662	1,684	1,691	1,611	1,570	1,607	1,587	1,619	1,628
Hubei	1,255	1,292	1,274	1,342	1,375	1,384	1,331	1,306	1,349	1,331	1,341	1,352
Hunan	267	222	219	216	211	208	186	177	175	176	200	201
Jiangxi	136	121	116	104	98	99	94	87	84	80	78	75
South	676	425	261	234	233	177	156	137	155	168	220	240
Guangdong	405	236	107	99	98	66	56	41	41	43	73	91
Guangxi	102	42	24	21	18	15	12	13	13	18	29	25
Fujian	170	147	129	114	117	96	88	83	101	107	117	124
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	3,463	3,147	3,119	3,027	3,017	2,956	2,716	2,720	2,755	2,917	3,098	3,273
Sichuan	2,286	2,165	2,273	2,259	2,250	2,193	2,000	1,995	2,015	2,077	2,149	2,221
Guizhou	447	335	273	257	259	260	234	260	268	318	382	441
Yunnan	664	589	528	468	467	458	443	429	434	483	528	570
Xizang	66	59	45	43	41	45	39	36	38	40	39	42
Sum of above	29,357	28,844	28,307	27,942	29,047	29,576	29,217	29,617	28,798	28,785	29,841	30,753
SSB total	29,357	29,228	28,307	27,941	29,050	29,576	29,218	29,616	28,798	28,785	29,841	30,753

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 25), (4, p. 36), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 349), and (13, p. 265).

Table 33--Winter wheat production, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	50	30	25	15	5	3	202	4	3	1	6
Heilongjiang	0	0	0	0	0	0	200	0	0	0	0
Liaoning	50	30	25	15	5	3	2	4	3	1	6
Jilin	0	0	0	0	0	0	0	0	0	0	0
North	28,380	22,125	27,495	36,595	40,240	26,288	43,612	41,652	41,066	46,646	46,986
Shandong	9,560	7,655	8,235	12,000	12,780	14,961	15,624	14,741	14,401	15,806	16,614
Hebei	6,270	3,755	4,430	6,865	7,110	7,387	8,244	7,216	7,907	9,122	9,262
Beijing	605	400	470	455	725	725	706	751	835	909	1,002
Tianjin	480	265	175	310	310	404	435	451	523	592	604
Henan	9,690	8,905	12,200	14,555	16,530	0	15,679	16,260	15,210	17,176	16,399
Shanxi	1,775	1,145	1,985	2,390	2,785	2,811	2,924	2,233	2,190	3,041	3,105
Northwest	5,945	4,315	7,090	7,530	7,860	7,457	7,949	7,538	7,526	8,912	8,878
Shaanxi	3,590	2,295	4,200	4,425	4,465	4,204	4,405	4,160	4,088	4,903	4,604
Gansu	995	690	1,345	1,350	1,415	1,134	1,270	1,022	1,160	1,488	1,548
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0
Ningxia	40	30	35	45	55	37	37	26	50	54	66
Xinjiang	1,320	1,300	1,510	1,710	1,925	2,082	2,237	2,330	2,228	2,467	2,660
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	10,180	9,485	13,785	14,310	16,660	15,475	17,038	17,092	16,166	15,464	16,451
Zhejiang	745	795	970	865	1,015	904	787	641	764	734	872
Jiangsu	5,345	5,080	7,095	7,610	9,040	8,294	9,383	8,995	8,943	8,461	9,298
Shanghai	190	205	180	110	140	218	302	277	283	242	301
Anhui	3,900	3,405	5,540	5,725	6,465	6,059	6,566	7,179	6,176	6,027	5,980
Central	3,325	3,000	4,020	3,735	4,215	3,850	4,204	4,570	4,448	4,069	4,279
Hubei	2,835	2,665	3,580	3,355	3,780	3,454	3,815	4,211	4,081	3,755	3,911
Hunan	350	245	325	305	335	292	297	283	284	243	286
Jiangxi	140	90	115	75	100	104	92	76	83	71	82
South	630	490	420	175	335	263	233	300	334	477	553
Guangdong	60	240	165	65	125	79	68	77	88	171	219
Guangxi	355	25	20	15	15	10	12	12	19	29	24
Fujian	215	225	235	95	195	174	153	211	227	277	310
Hainan[2]	na	na	na	na	na	na	na	na	0	0	0
Southwest	6,425	5,995	7,335	8,425	8,215	7,216	7,321	7,717	7,035	7,607	8,919
Sichuan	5,165	4,715	6,360	7,240	7,030	6,256	6,501	6,584	5,720	6,230	7,017
Guizhou	425	350	300	320	360	295	322	315	420	480	718
Yunnan	705	785	675	865	825	619	435	746	827	804	1,068
Xizang	130	145	0	0	0	46	63	72	68	93	116
Sum of above	54,935	45,440	60,170	70,785	77,530	60,552	80,559	78,873	76,578	83,176	86,072

[1] Winter wheat production is calculated as a residual (total wheat production, table 31, minus spring wheat production, table 35).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 105), (3, p. 25), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 265), (13, p. 296), and (40, p. 58).

Table 34--Winter wheat area, by region and province, China, selected years, 1979–90[1]

Region/province	1979	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 hectares					
Northeast	23	12	7	3	1	1	0	1	0	2
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	23	12	7	3	1	1	0	1	0	2
Jilin	0	0	0	0	0	0	0	0	0	0
North	11,760	10,887	11,472	11,887	12,144	12,649	12,307	12,411	12,456	12,735
Shandong	3,715	3,340	3,586	3,801	3,952	4,218	4,004	4,052	3,991	4,147
Hebei	2,807	2,223	2,325	2,357	2,334	2,483	2,342	2,416	2,448	2,504
Beijing	193	178	184	192	189	183	181	184	183	186
Tianjin	207	129	144	151	135	131	129	132	131	134
Henan	3,888	4,120	4,319	4,456	4,568	4,638	4,688	4,675	4,733	4,783
Shanxi	950	897	914	929	966	996	963	953	968	982
Northwest	3,115	3,189	3,294	3,333	3,299	3,233	3,180	3,095	3,184	3,197
Shaanxi	1,588	1,608	1,668	1,677	1,681	1,683	1,681	1,680	1,670	1,674
Gansu	689	735	758	772	771	746	723	682	713	727
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	58	54	58	59	52	45	36	44	75	51
Xinjiang	780	792	811	826	795	759	740	690	726	745
Qinghai	0	0	0	0	0	0	0	0	0	0
East	3,764	4,224	4,444	4,703	4,520	4,595	4,567	4,630	4,761	4,868
Zhejiang	275	347	368	367	338	302	286	296	303	318
Jiangsu	1,496	1,867	2,014	2,236	2,170	2,266	2,218	2,247	2,354	2,399
Shanghai	43	43	37	36	57	73	77	70	70	77
Anhui	1,950	1,968	2,025	2,064	1,955	1,954	1,986	2,017	2,034	2,074
Central	1,658	1,662	1,685	1,691	1,611	1,570	1,608	1,587	1,619	1,628
Hubei	1,255	1,342	1,375	1,384	1,331	1,306	1,349	1,331	1,341	1,352
Hunan	267	216	211	208	186	177	175	176	200	201
Jiangxi	136	104	98	99	94	87	84	80	78	75
South	676	234	234	177	156	137	155	168	220	240
Guangdong	102	99	98	66	56	41	41	43	73	91
Guangxi	405	21	18	15	12	13	13	18	29	25
Fujian	170	114	117	96	88	83	101	107	117	124
Hainan[2]	na	na	na	na	na	na	na	0	0	0
Southwest	3,449	2,983	2,977	2,910	2,693	2,706	2,740	2,900	3,083	3,259
Sichuan	2,286	2,259	2,250	2,193	2,000	1,995	2,015	2,077	2,149	2,221
Guizhou	447	257	259	260	234	260	268	318	382	441
Yunnan	664	468	467	458	443	429	434	483	528	570
Xizang	52	0	0	0	16	22	23	23	24	27
Sum of above	24,444	23,191	24,113	24,704	24,424	24,891	24,557	24,793	25,324	25,930

[1] Winter wheat area is calculated as a residual (total wheat area, table 32, minus spring wheat area, table 36).
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 105), (3, p. 25), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 265), and (13, p. 296).

Table 35--Spring wheat production, by region and province, China, selected years, 1979-90

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	3,545	4,135	2,960	4,685	4,000	3,896	3,464	3,114	2,635	3,911	5,590
Heilongjiang	3,335	3,945	2,780	4,510	3,825	3,768	3,359	2,998	2,504	3,673	5,018
Liaoning	35	25	25	30	20	25	38	53	80	152	444
Jilin	175	165	155	145	155	103	67	63	51	86	128
North	155	145	115	150	195	233	184	154	144	142	131
Shandong	10	5	5	0	5	0	0	0	0	0	0
Hebei	70	85	45	60	50	56	24	19	15	16	14
Beijing	10	5	5	5	5	6	4	4	5	7	13
Tianjin	10	10	15	20	20	31	26	24	20	16	16
Henan	0	0	0	0	0	0	0	0	0	0	0
Shanxi	55	40	45	65	115	140	130	107	104	103	88
Northwest	4,070	4,400	5,065	5,465	5,950	5,770	5,801	5,592	6,330	6,594	7,515
Shaanxi	5	5	10	20	30	29	36	17	21	27	33
Gansu	1,330	1,710	1,760	1,985	2,000	2,014	2,037	1,998	2,081	2,122	2,166
Nei Monggol	1,085	825	1,265	1,210	1,440	1,485	1,308	1,257	1,648	1,883	2,617
Ningxia	380	465	580	685	695	549	666	437	605	665	709
Xinjiang	790	830	820	945	1,110	1,063	1,145	1,207	1,288	1,191	1,248
Qinghai	480	565	630	620	675	630	609	676	687	706	742
East	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0
Hainan[1]	na	na	na	na	na	na	na	na	0	0	0
Southwest	25	35	110	105	140	73	32	35	43	41	48
Sichuan	0	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0	0
Xizang	25	35	110	105	140	73	32	35	43	41	48
Sum of above	7,795	8,715	8,250	10,405	10,285	9,972	9,481	8,895	9,152	10,688	13,284

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 105), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 265), (13, p. 296), and (40, p. 58).

Table 36--Spring wheat area, by region and province, China, selected years, 1979-90

Region/province	1979	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 hectares					
Northeast	2,055	2,027	2,191	2,073	2,120	2,039	1,651	1,306	1,787	1,954
Heilongjiang	1,859	1,904	2,096	1,980	2,038	1,969	1,587	1,239	1,682	1,781
Liaoning	28	17	14	12	11	20	27	34	55	113
Jilin	168	105	81	81	71	50	37	33	50	60
North	160	70	69	69	82	74	68	59	59	48
Shandong	7	3	1	1	0	0	0	0	0	0
Hebei	37	20	21	16	18	9	8	5	5	4
Beijing	4	3	3	3	2	2	2	2	2	3
Tianjin	5	12	12	12	15	13	11	9	7	6
Henan	0	0	0	0	0	0	0	0	0	0
Shanxi	107	31	33	37	47	51	47	43	46	34
Northwest	2,683	2,611	2,635	2,685	2,568	2,598	2,508	2,610	2,656	2,808
Shaanxi	9	8	10	11	12	15	17	17	17	17
Gansu	712	728	750	748	715	740	705	702	733	731
Nei Monggol	952	878	911	932	927	937	921	974	1,008	1,154
Ningxia	241	235	246	249	230	246	211	245	225	257
Xinjiang	567	538	494	524	483	459	453	467	464	435
Qinghai	202	224	224	220	201	201	201	205	210	213
East	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0
Hainan[1]	na	na	na	na	na	na	na	0	0	0
Southwest	14	43	41	45	23	14	15	16	15	14
Sichuan	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0
Xizang	14	43	41	45	23	14	15	16	15	14
Sum of above	4,913	4,750	4,937	4,872	4,793	4,725	4,243	3,992	4,517	4,824

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 105), (5, p. 39), (6, p. 87), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 260), (12, p. 265), and (13, p. 296).

Table 37--Rice production, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	3,860	4,225	4,175	4,690	5,335	6,460	6,100	7,166	7,859	8,161	6,865	9,730
Heilongjiang	720	795	560	710	915	1,240	1,629	2,208	2,257	2,435	2,271	3,144
Liaoning	1,020	1,075	2,490	2,535	2,905	3,310	2,630	3,207	3,372	3,481	2,770	3,692
Jilin	2,120	2,355	1,125	1,445	1,515	1,910	1,841	1,751	2,230	2,245	1,824	2,894
North	3,395	4,025	3,800	3,410	4,035	4,175	4,149	3,959	3,841	3,487	4,395	5,074
Shandong	655	740	650	505	595	575	625	630	574	484	607	906
Hebei	630	830	710	760	825	750	780	756	771	811	895	916
Beijing	185	295	215	225	270	260	249	244	240	239	234	216
Tianjin	255	310	125	110	100	135	174	215	239	288	277	282
Henan	1,610	1,780	2,045	1,750	2,180	2,390	2,263	2,063	1,977	1,622	2,328	2,700
Shanxi	60	70	55	60	65	65	58	51	40	43	54	54
Northwest	1,340	1,400	1,215	1,575	1,680	1,800	1,704	1,771	1,847	1,888	2,106	2,316
Shaanxi	795	755	530	795	845	935	883	932	947	900	990	1,004
Gansu	15	20	15	15	15	15	18	19	22	20	23	24
Nei Monggol	35	40	40	45	40	60	78	83	77	122	196	314
Ningxia	250	330	370	395	400	420	419	421	439	453	483	543
Xinjiang	245	255	260	325	380	370	306	316	362	393	414	431
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	36,740	32,410	35,575	40,565	40,170	45,740	43,131	44,680	43,527	42,980	45,340	45,473
Zhejiang	13,020	11,760	11,810	14,240	13,045	15,105	13,578	13,684	13,383	12,957	12,996	13,214
Jiangsu	13,015	11,755	13,065	14,375	16,050	17,495	16,385	17,027	16,518	16,586	17,739	17,035
Shanghai	1,815	1,165	1,250	1,515	1,475	1,780	1,539	1,746	1,749	1,735	1,779	1,773
Anhui	8,890	7,730	9,450	10,435	9,600	11,360	11,629	12,223	11,892	11,702	12,826	13,401
Central	45,000	41,685	44,150	48,800	52,365	54,765	53,863	54,948	55,182	54,262	56,374	58,455
Hubei	12,645	10,380	12,000	13,535	13,705	15,670	15,717	16,236	15,950	15,761	16,975	17,896
Hunan	20,005	19,425	19,985	21,800	24,580	24,165	23,388	24,643	24,142	23,666	24,452	24,682
Jiangxi	12,350	11,880	12,165	13,465	14,080	14,930	14,758	14,069	15,090	14,835	14,947	15,877
South	31,975	33,015	31,415	36,350	37,555	35,895	32,285	31,853	34,362	32,369	36,111	37,539
Guangdong	15,420	16,230	14,790	17,445	17,915	17,930	15,614	15,437	16,514	14,730	16,311	16,777
Guangxi	10,070	10,070	9,815	11,745	12,080	10,655	9,860	9,866	10,690	9,466	11,055	12,008
Fujian	6,485	6,715	6,810	7,160	7,560	7,310	6,811	6,550	7,158	7,163	7,444	7,312
Hainan[1]	na	na	na	na	na	na	na	na	na	1,010	1,301	1,442
Southwest	21,440	22,500	23,625	25,845	27,725	29,420	27,337	27,847	27,798	28,080	28,939	30,745
Sichuan	14,350	15,370	16,390	17,705	19,390	20,340	19,261	20,032	19,797	20,434	20,797	21,974
Guizhou	3,260	3,250	2,870	3,500	3,765	4,070	3,243	3,412	3,419	3,060	3,455	3,603
Yunnan	3,825	3,875	4,360	4,640	4,570	5,005	4,830	4,400	4,580	4,583	4,684	5,165
Xizang	5	5	5	0	0	5	3	3	2	3	3	3
Sum of above	143,750	139,260	143,955	161,235	168,865	178,255	168,569	172,224	174,416	171,227	180,130	189,332
SSB total	143,750	139,905	143,955	161,235	168,865	178,255	168,569	172,224	174,262	169,107	180,130	189,331

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 23), (4, p. 35), (5, p. 37), (6, p. 85), (7, p. 146), (8, p. 180), (9, p. 213), (10, p. 231), (11, p. 258), (34, p. 367), and (35, p. 350).

Table 38--Rice area, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	842	849	875	905	914	995	1,194	1,359	1,482	1,487	1,547	1,635
Heilongjiang	206	210	224	239	245	278	390	507	581	553	604	673
Liaoning	374	386	397	406	403	432	480	501	533	554	553	543
Jilin	261	253	254	260	266	285	324	351	368	380	390	418
North	822	863	759	697	722	762	758	725	727	713	769	800
Shandong	172	173	139	100	105	108	112	107	101	88	102	124
Hebei	124	145	132	128	127	131	128	123	125	133	146	148
Beijing	50	52	49	41	46	44	43	40	39	36	36	34
Tianjin	63	64	34	23	24	24	31	35	41	46	49	46
Henan	402	417	395	395	411	446	435	412	414	402	427	440
Shanxi	12	12	9	10	9	9	9	8	7	7	9	9
Northwest	331	326	319	324	327	329	309	308	318	331	356	388
Shaanxi	156	163	161	159	161	160	157	156	156	154	158	159
Gansu	4	4	4	4	4	4	4	4	4	4	4	5
Nei Monggol	16	15	16	16	16	18	24	27	28	35	53	79
Ningxia	48	46	49	50	50	51	50	51	53	55	57	60
Xinjiang	107	98	89	95	96	96	74	69	77	83	84	84
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	7,697	7,733	7,498	7,396	7,384	7,486	7,229	7,247	7,260	7,182	7,331	7,404
Zhejiang	2,475	2,514	2,500	2,500	2,508	2,500	2,388	2,355	2,376	2,354	2,380	2,384
Jiangsu	2,703	2,677	2,598	2,501	2,520	2,516	2,431	2,422	2,400	2,384	2,420	2,454
Shanghai	325	305	273	283	299	301	270	285	276	260	258	253
Anhui	2,195	2,238	2,127	2,112	2,057	2,169	2,140	2,185	2,208	2,184	2,273	2,312
Central	10,624	10,504	10,369	10,334	10,360	10,349	10,051	10,118	10,081	10,032	10,258	10,299
Hubei	2,731	2,708	2,590	2,605	2,617	2,621	2,539	2,540	2,558	2,527	2,606	2,636
Hunan	4,507	4,412	4,416	4,390	4,419	4,401	4,247	4,328	4,255	4,294	4,354	4,370
Jiangxi	3,387	3,384	3,363	3,339	3,324	3,327	3,265	3,251	3,269	3,211	3,298	3,293
South	8,753	8,615	8,502	8,391	8,384	8,182	7,554	7,610	7,552	7,432	7,586	7,646
Guangdong	4,252	4,164	4,059	4,005	4,029	3,934	3,606	3,606	3,554	3,119	3,179	3,176
Guangxi	2,830	2,764	2,792	2,773	2,737	2,661	2,471	2,519	2,504	2,463	2,494	2,544
Fujian	1,670	1,686	1,651	1,613	1,618	1,587	1,477	1,485	1,494	1,483	1,509	1,512
Hainan[1]	na	na	na	na	na	na	na	na	na	368	404	414
Southwest	4,804	4,865	4,975	5,011	5,045	5,076	4,978	4,898	4,773	4,810	4,854	4,892
Sichuan	3,005	3,062	3,126	3,124	3,159	3,165	3,129	3,112	3,032	3,073	3,113	3,124
Guizhou	755	775	770	782	778	780	774	736	721	728	732	741
Yunnan	1,043	1,028	1,078	1,104	1,107	1,130	1,074	1,049	1,020	1,009	1,008	1,026
Xizang	1	1	1	1	1	1	1	1	1	1	1	1
Sum of above	33,873	33,755	33,297	33,058	33,136	33,179	32,073	32,266	32,193	31,987	32,700	33,064
SSB total	33,873	33,879	33,295	33,071	33,137	33,178	32,070	32,266	32,193	31,987	32,700	33,064

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 23), (4, p. 35), (5, p. 37), (6, p. 85), (7, p. 146), (8, p. 180), (9, p. 213), (10, p. 231), (11, p. 258), (34, p. 359), and (35, p. 342).

Table 39--Early rice production, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	15	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	15	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	14,335	12,655	12,695	13,280	10,585	12,075	10,571	10,777	9,224	8,391	8,449	9,105
Zhejiang	6,765	6,295	6,405	6,810	5,615	6,780	6,258	6,493	5,867	5,403	5,485	6,068
Jiangsu	2,955	2,310	1,850	1,675	1,275	910	417	358	248	115	98	76
Shanghai	805	605	610	570	520	640	367	310	197	114	61	47
Anhui	3,810	3,445	3,830	4,225	3,175	3,745	3,529	3,616	2,912	2,759	2,805	2,914
Central	20,845	19,445	20,390	21,825	21,165	22,790	21,264	22,370	21,281	21,711	21,775	23,140
Hubei	4,290	3,610	3,850	4,485	3,690	4,365	4,128	4,305	4,267	4,448	4,663	4,873
Hunan	9,755	9,350	9,825	10,250	10,385	10,690	9,917	10,506	9,487	10,037	10,305	10,696
Jiangxi	6,800	6,485	6,715	7,090	7,090	7,735	7,219	7,559	7,527	7,226	6,807	7,571
South	15,820	16,220	15,715	17,280	18,460	17,835	16,437	15,906	16,657	16,614	18,219	18,830
Guangdong	7,890	8,130	7,910	8,585	9,215	8,980	8,253	7,739	8,112	7,613	8,188	8,380
Guangxi	4,735	4,940	4,905	5,725	6,100	5,695	5,422	5,276	5,571	5,486	6,189	6,557
Fujian	3,195	3,150	2,900	2,970	3,145	3,160	2,762	2,891	2,974	2,993	3,149	3,188
Hainan[1]	na	na	na	na	na	na	na	na	na	522	693	705
Southwest	980	820	735	675	555	605	535	566	507	566	529	574
Sichuan	690	595	510	440	305	335	280	306	239	279	253	251
Guizhou	30	15	10	5	5	5	3	4	3	0	3	6
Yunnan	260	210	215	230	245	265	252	256	265	287	273	317
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	51,980	49,140	49,535	53,060	50,780	53,305	48,807	49,619	47,669	47,282	48,972	51,649

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 103), (3, pp. 24-25), (4, p. 35), (5, p. 38), (6, p. 86), (8, p. 180), (9, p. 213), (10, p. 231), (11, p. 258), (12, p. 264) (13, p. 295), and (40, p. 57).

Table 40--Early rice area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	2,643	2,584	2,282	2,301	2,231	1,885	1,830	1,746	1,661	1,629	1,622
Zhejiang	1,177	1,166	1,089	1,137	1,133	1,050	1,036	1,040	1,033	1,034	1,044
Jiangsu	589	516	371	316	248	73	61	46	26	17	13
Shanghai	128	119	101	106	113	62	53	36	20	11	8
Anhui	749	783	721	742	738	700	681	623	582	568	557
Central	4,471	4,374	4,315	4,253	4,292	4,125	4,135	4,084	4,088	4,145	4,180
Hubei	829	807	761	763	768	729	738	745	731	753	772
Hunan	1,983	1,927	1,923	1,871	1,895	1,825	1,838	1,779	1,804	1,828	1,844
Jiangxi	1,659	1,640	1,631	1,618	1,629	1,571	1,559	1,559	1,553	1,564	1,564
South	4,068	3,962	3,890	3,821	3,862	3,459	3,476	3,444	3,371	3,496	3,519
Guangdong	2,029	1,975	1,922	1,898	1,932	1,718	1,723	1,703	1,495	1,537	1,536
Guangxi	1,280	1,244	1,261	1,251	1,254	1,153	1,158	1,146	1,128	1,178	1,190
Fujian	759	743	707	671	676	588	595	596	587	602	607
Hainan[2]	na	na	na	na	na	na	na	na	161	178	186
Southwest	240	190	156	138	111	107	102	96	100	95	96
Sichuan	162	133	110	89	63	60	56	48	49	46	43
Guizhou	7	3	2	2	1	1	1	1	1	1	1
Yunnan	71	54	45	48	47	46	45	48	49	49	52
Xizang	0	0	0	0	0	0	0	0	0	0	0
Sum of above	11,422	11,110	10,642	10,513	10,496	9,575	9,543	9,370	9,220	9,365	9,418

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.
[2] Data for 1984 early rice area are not available.

Sources: (2, p. 103), (3, pp. 24-25), (4, p. 35), (5, p. 38), (6, p. 86), (8, p. 180), (9, p. 213), (10, p. 231), (11, p. 258), (12, p. 264), (13, p. 295), and (40, p. 57).

Table 41--Intermediate and single crop late rice production, by region and province, China, selected years, 1979–90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990[1]
					1,000 tons					
Northeast	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0
East	11,220	15,385	16,880	19,350	22,869	24,190	24,598	25,170	27,683	27,501
Zhejiang	645	1,040	925	1,085	1,060	963	1,153	1,078	1,173	996
Jiangsu	7,395	9,990	11,410	13,575	15,511	16,245	15,921	16,203	17,511	17,025
Shanghai	100	180	205	190	709	994	1,214	1,371	1,526	1,587
Anhui	3,080	4,175	4,340	4,500	5,589	5,988	6,310	6,518	7,473	7,893
Central	8,810	9,190	9,835	10,375	11,077	11,545	11,678	10,593	12,090	12,210
Hubei	5,355	5,690	5,920	6,370	7,396	7,484	7,440	6,927	8,078	8,187
Hunan	2,275	2,280	2,655	2,805	2,473	2,892	3,023	2,475	2,780	2,794
Jiangxi	1,180	1,220	1,260	1,200	1,208	1,169	1,215	1,191	1,232	1,229
South	1,410	1,965	2,160	2,325	2,213	2,318	2,434	2,445	2,524	2,379
Guangdong	0	175	180	245	189	209	193	139	126	33
Guangxi	625	650	750	710	599	640	684	633	669	666
Fujian	785	1,140	1,230	1,370	1,425	1,469	1,557	1,623	1,674	1,613
Hainan[2]	na	na	na	na	na	na	na	50	55	67
Southwest	20,040	22,555	24,810	26,815	26,471	26,981	26,946	27,188	28,453	30,332
Sichuan	13,390	15,635	17,020	18,850	18,741	19,496	19,309	19,925	20,866	22,050
Guizhou	3,205	2,855	3,485	3,755	3,237	3,408	3,413	3,060	3,267	3,595
Yunnan	3,445	4,060	4,305	4,210	4,493	4,077	4,224	4,203	4,320	4,687
Xizang	0	5	0	0	0	0	0	0	0	0
Sum of above	41,480	49,095	53,685	58,865	62,630	65,034	65,656	65,396	70,750	72,422

[1] In the *1991 Agriculture Yearbook*, intermediate/single crop late rice and northern rice are combined under a single heading. Historically, there is no overlap between intermediate/single crop late rice and northern rice growing regions; therefore, 1990 intermediate/single crop late rice was separated out by following the historical planting pattern.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 35), (5, p. 38), (6, p. 86), (8, p. 181), (9, p. 213), (10, p. 232), (11, p. 259), (12, p. 264), and (13, p. 295).

Table 42--Intermediate and single crop late rice area, by region and province, China, selected years, 1979-90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990[1]
					1,000 hectares					
Northeast	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0
East	2,341	2,963	2,873	3,041	3,441	3,528	3,641	3,759	3,911	4,025
Zhejiang	114	247	159	174	187	182	185	195	199	192
Jiangsu	1,448	1,830	1,855	2,007	2,264	2,278	2,280	2,306	2,363	2,407
Shanghai	18	38	34	32	116	143	175	195	209	216
Anhui	761	848	825	828	874	925	1,001	1,063	1,140	1,210
Central	1,743	1,802	1,845	1,806	1,760	1,740	1,744	1,745	1,747	1,722
Hubei	988	1,022	1,025	1,023	1,005	983	984	985	1,004	998
Hunan	462	480	523	510	495	499	508	506	498	484
Jiangxi	293	300	297	273	259	257	251	254	246	240
South	396	525	540	563	542	547	541	541	539	505
Guangdong	0	59	50	82	56	58	49	30	28	7
Guangxi	185	205	208	192	179	181	183	177	174	166
Fujian	211	261	281	289	307	307	309	313	312	309
Hainan[2]	na	na	na	na	na	na	na	21	24	24
Southwest	4,350	4,704	4,757	4,842	4,785	4,719	4,602	4,633	4,691	4,731
Sichuan	2,688	2,930	2,951	3,036	3,011	3,002	2,933	2,972	3,021	3,037
Guizhou	740	767	777	775	772	735	720	726	731	740
Yunnan	922	1,008	1,029	1,031	1,002	982	949	935	939	955
Xizang	0	1	0	0	0	0	0	0	0	0
Sum of above	8,831	9,994	10,015	10,252	10,528	10,533	10,528	10,678	10,888	10,984

[1] In the *1991 Agriculture Yearbook*, intermediate/single crop late rice and northern rice are combined under a single heading. Historically, there is no overlap between intermediate/single crop late rice and northern rice growing regions; therefore, 1990 intermediate/single crop late rice was separated out by following the historical planting pattern.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 35), (5, p. 38), (6, p. 86), (8, p. 181), (9, p. 213), (10, p. 232), (11, p. 259), (12, p. 264), and (13, p. 295).

Table 43--Double crop late rice production, by region and province, China, selected years, 1979-90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990
					1,000 tons					
Northeast	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0
East	11,185	7,495	10,405	10,235	9,691	9,713	9,705	9,419	9,703	9,112
Zhejiang	5,610	4,365	6,505	6,345	6,260	6,228	6,348	6,476	6,654	6,150
Jiangsu	2,665	1,225	1,290	1,200	457	424	349	268	193	188
Shanghai	910	460	740	765	463	442	338	250	226	180
Anhui	2,000	1,445	1,870	1,925	2,511	2,619	2,670	2,425	2,630	2,594
Central	15,345	14,570	17,115	20,825	21,522	21,033	22,223	21,958	23,786	23,878
Hubei	3,000	2,460	3,130	3,645	4,193	4,447	4,243	4,386	4,692	4,836
Hunan	7,975	7,880	8,870	11,390	10,998	11,245	11,632	11,154	11,837	11,683
Jiangxi	4,370	4,230	5,115	5,790	6,331	5,341	6,348	6,418	7,257	7,359
South	14,750	13,735	16,910	16,775	13,635	13,629	15,271	13,310	15,842	17,146
Guangdong	7,530	6,705	8,680	8,460	7,172	7,489	8,209	6,978	7,989	8,457
Guangxi	4,715	4,260	5,270	5,270	3,839	3,950	4,435	3,347	4,466	5,167
Fujian	2,505	2,770	2,960	3,045	2,624	2,190	2,627	2,547	2,834	2,852
Hainan[1]	na	na	na	na	na	na	na	438	553	670
Southwest	415	335	360	355	328	297	343	323	322	302
Sichuan	270	245	245	235	240	230	249	230	234	210
Guizhou	25	5	10	5	3	0	3	0	3	2
Yunnan	120	85	105	115	85	67	91	93	82	90
Xizang	0	0	0	0	0	0	0	0	3	0
Sum of above	41,695	36,135	44,790	48,190	45,176	44,672	47,542	45,010	49,653	50,438

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 36), (5, p. 38), (6, p. 86), (8, p. 181), (9, p. 214), (10, p. 232), (11, p. 259), (12, p. 264), and (13, p. 295).

Table 44--Double crop late rice area, by region and province, China, selected years, 1979–90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990
					1,000 hectares					
Northeast	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0
East	2,713	2,254	2,222	2,112	1,903	1,889	1,872	1,762	1,791	1,757
Zhejiang	1,184	1,164	1,204	1,201	1,151	1,138	1,151	1,126	1,147	1,148
Jiangsu	666	397	330	265	94	84	73	52	40	34
Shanghai	179	134	143	154	92	89	65	45	38	30
Anhui	684	558	545	492	566	578	584	539	565	545
Central	4,410	4,253	4,237	4,262	4,165	4,244	4,254	4,199	4,366	4,397
Hubei	913	807	817	826	804	819	828	811	849	866
Hunan	2,062	2,013	1,996	2,014	1,926	1,990	1,967	1,984	2,029	2,042
Jiangxi	1,435	1,432	1,424	1,421	1,435	1,435	1,459	1,403	1,488	1,488
South	4,289	4,087	4,030	3,959	3,553	3,588	3,567	3,520	3,551	3,621
Guangdong	2,223	2,078	2,056	2,015	1,832	1,825	1,803	1,593	1,615	1,633
Guangxi	1,366	1,326	1,313	1,291	1,139	1,180	1,176	1,157	1,141	1,188
Fujian	700	683	661	653	582	582	589	584	595	596
Hainan[1]	na	na	na	na	na	na	na	185	201	204
Southwest	213	113	114	90	85	77	74	77	68	64
Sichuan	154	87	84	60	58	54	50	51	47	44
Guizhou	9	1	3	1	1	0	1	1	1	1
Yunnan	50	26	27	29	27	22	24	25	20	19
Xizang	0	0	0	0	0	0	0	0	1	0
Sum of above	11,625	10,707	10,603	10,424	9,707	9,797	9,768	9,558	9,776	9,839

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 36), (5, p. 38), (6, p. 86), (8, p. 181), (9, p. 214), (10, p. 232), (11, p. 259), (12, p. 264), and (13, p. 295).

Table 45--Northern rice production, by region and province, China, selected years, 1979-90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990[1]
					1,000 tons					
Northeast	3,860	4,175	4,695	5,335	6,100	7,166	7,859	8,161	7,012	9,908
Heilongjiang	720	560	710	915	1,629	2,208	2,257	2,435	2,317	3,322
Liaoning	2,120	2,490	2,535	2,905	2,630	3,207	3,372	3,481	2,839	3,692
Jilin	1,020	1,125	1,450	1,515	1,841	1,751	2,230	2,245	1,856	2,894
North	3,395	3,800	3,410	4,035	4,149	3,959	3,841	3,487	4,504	4,993
Shandong	655	650	505	595	625	630	574	484	642	829
Hebei	630	710	760	825	780	756	771	811	852	912
Beijing	185	215	225	270	249	244	240	239	234	216
Tianjin	255	125	110	100	174	215	239	288	294	282
Henan	1,610	2,045	1,750	2,180	2,263	2,063	1,977	1,622	2,428	2,700
Shanxi	60	55	60	65	58	51	40	43	54	54
Northwest	1,340	1,215	1,575	1,680	1,704	1,771	1,847	1,888	2,124	2,335
Shaanxi	795	530	795	845	883	932	947	900	1,006	1,004
Gansu	15	15	15	15	18	19	22	20	23	28
Nei Monggol	35	40	45	40	78	83	77	122	195	311
Ningxia	250	370	395	400	419	421	439	453	486	519
Xinjiang	245	260	325	380	306	316	362	393	414	473
Qinghai	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0
Hainan[2]	na	na	na	na	na	na	na	0	0	0
Southwest	5	5	5	0	3	3	2	3	0	3
Sichuan	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0
Xizang	5	5	5	0	3	3	2	3	0	3
Sum of above	8,600	9,195	9,685	11,050	11,956	12,899	13,549	13,539	13,640	17,239

[1] In the *1991 Agriculture Yearbook*, intermediate/single crop late rice and northern rice are combined under a single heading. Historically, there is no overlap between intermediate/single crop late rice and northern rice growing regions; therefore, 1990 northern rice was separated out by following the historical planting pattern.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 36), (5, p. 39), (6, p. 87), (8, p. 181), (9, p. 214), (10, p. 232), (11, p. 259), (12, p. 265), and (13, p. 295).

Table 46--Northern rice area, by region and province, China, selected years, 1979–90

Region/province	1979	1981	1982	1983	1985	1986	1987	1988	1989	1990[1]
					1,000 hectares					
Northeast	842	875	905	915	1,194	1,359	1,482	1,487	1,547	1,635
Heilongjiang	206	224	239	245	390	507	581	553	604	673
Liaoning	374	397	406	403	480	501	533	554	553	543
Jilin	261	254	260	266	324	351	368	380	390	418
North	822	758	697	722	758	725	727	713	769	800
Shandong	172	139	100	105	112	107	101	88	102	124
Hebei	124	132	128	127	128	123	125	133	146	148
Beijing	50	49	41	46	43	40	38	36	36	34
Tianjin	63	34	23	24	31	35	41	46	49	46
Henan	402	395	395	411	435	412	414	402	427	440
Shanxi	12	9	10	9	9	8	7	7	9	9
Northwest	331	319	323	327	308	308	318	331	356	388
Shaanxi	156	161	159	161	157	156	156	154	158	159
Gansu	4	4	4	4	4	4	4	4	4	5
Nei Monggol	16	16	16	16	24	27	28	35	53	79
Ningxia	48	49	50	50	50	51	53	55	57	60
Xinjiang	107	89	95	96	74	69	77	83	84	84
Qinghai	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0
Hainan[2]	na	na	na	na	na	na	na	0	0	0
Southwest	1	1	1	1	1	1	1	1	0	1
Sichuan	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0
Xizang	1	1	1	1	1	1	1	1	0	1
Sum of above	1,996	1,953	1,925	1,965	2,261	2,393	2,527	2,532	2,672	2,824

[1] In the *1991 Agriculture Yearbook*, intermediate/single crop late rice and northern rice are combined under a single heading. Historically, there is no overlap between intermediate/single crop late rice and northern rice growing regions; therefore, 1990 northern rice was separated out by following the historical planting pattern.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 104), (4, p. 36), (5, p. 39), (6, p. 87), (8, p. 181), (9, p. 214), (10, p. 232), (11, p. 259), (12, p. 265), and (13, p. 295).

Table 47--Corn production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	17,430	16,805	15,510	14,755	21,415	24,615	16,530	22,557	25,492	25,958	20,551	33,361
Heilongjiang	5,810	5,200	4,415	3,280	4,635	6,420	4,118	6,320	6,461	6,838	5,888	10,083
Liaoning	6,285	6,535	5,820	5,580	7,370	7,155	4,481	6,073	6,715	6,910	4,848	7,982
Jilin	5,335	5,070	5,275	5,895	9,410	11,040	7,931	10,164	12,316	12,210	9,815	15,296
North	22,335	24,310	22,980	23,895	24,860	25,435	25,255	25,031	29,649	29,190	30,811	34,109
Shandong	7,300	8,255	7,940	8,480	8,220	9,935	9,377	10,165	11,702	11,494	10,333	11,109
Hebei	6,280	6,630	6,475	7,250	6,905	6,400	6,789	6,862	7,162	7,352	7,733	8,292
Beijing	625	890	785	885	835	955	1,067	1,079	1,140	1,140	1,131	1,309
Tianjin	425	575	545	680	470	565	551	642	697	527	635	740
Henan	4,785	5,330	4,805	4,365	6,300	5,230	5,373	4,370	6,770	6,002	8,096	9,605
Shanxi	2,920	2,630	2,430	2,235	2,130	2,350	2,098	1,913	2,178	2,675	2,883	3,054
Northwest	6,825	6,380	5,420	5,780	6,380	6,795	6,793	7,225	8,920	9,329	9,360	10,819
Shaanxi	2,875	2,750	2,025	2,825	2,880	3,130	2,916	2,729	3,250	2,890	3,167	3,338
Gansu	900	890	675	610	690	675	744	790	895	1,141	1,038	1,162
Nei Monggol	1,685	1,390	1,425	1,060	1,430	1,485	1,597	1,927	2,733	3,082	2,935	3,931
Ningxia	70	85	65	55	70	115	142	173	291	310	333	376
Xinjiang	1,295	1,265	1,230	1,230	1,310	1,390	1,394	1,606	1,751	1,906	1,887	2,012
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	2,110	1,810	2,320	2,445	2,415	2,750	3,045	3,377	3,582	3,636	4,327	3,937
Zhejiang	265	155	160	185	135	145	132	111	118	112	138	99
Jiangsu	1,330	1,230	1,735	1,945	1,905	2,080	2,216	2,417	2,411	2,431	2,765	2,302
Shanghai	60	40	30	40	25	35	40	59	51	52	58	67
Anhui	455	385	395	275	350	490	657	790	1,002	1,041	1,366	1,469
Central	1,385	1,085	1,245	1,285	1,315	1,535	1,365	1,375	1,411	1,114	1,346	1,490
Hubei	1,100	860	1,025	1,085	1,105	1,285	1,153	1,156	1,179	920	1,093	1,222
Hunan	270	215	210	190	200	240	202	209	221	184	236	245
Jiangxi	15	10	10	10	10	10	10	10	11	10	17	23
South	1,050	1,175	1,265	1,290	1,135	1,110	987	973	1,082	817	1,350	1,393
Guangdong	65	65	65	70	65	70	70	74	79	65	104	135
Guangxi	985	1,110	1,200	1,220	1,070	1,040	917	895	981	716	1,193	1,200
Fujian	0	0	0	0	0	0	0	4	22	22	34	33
Hainan[2]	na	na	na	na	na	na	na	na	na	14	19	25
Southwest	8,900	10,160	10,465	10,845	10,685	11,170	9,849	10,318	9,686	9,946	11,183	11,710
Sichuan	4,875	5,410	5,940	6,125	5,890	6,250	5,780	5,785	5,211	5,825	6,320	7,150
Guizhou	1,775	2,115	1,825	1,935	2,095	2,175	1,577	1,950	1,970	1,610	1,921	1,773
Yunnan	2,250	2,630	2,695	2,780	2,690	2,740	2,487	2,578	2,498	2,504	2,933	2,778
Xizang	0	5	5	5	10	5	5	5	7	7	9	9
Sum of above	60,035	61,725	59,205	60,295	68,205	73,410	63,824	70,856	79,822	79,990	78,928	96,819
SSB total	60,035	62,600	59,205	60,295	68,205	73,410	63,826	70,856	79,241	77,351	78,928	96,819

[1] Reported on a shelled basis (off the cob and dried to between 14-18 percent water content, depending on the province).
[2] Hainan data only available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 27), (4, p. 37), (5, p. 40), (6, p. 88), (7, p. 148), (8, p. 183), (9, p. 216), (10, p. 234), (11, p. 262), (34, p. 367), and (35, p. 350).

Table 48--Corn area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	4,948	4,982	4,396	4,124	4,577	5,006	4,455	4,937	5,439	5,133	5,200	5,753
Heilongjiang	1,961	1,884	1,577	1,363	1,642	1,920	1,577	1,689	1,976	1,827	1,903	2,169
Liaoning	1,392	1,416	1,268	1,156	1,220	1,231	1,198	1,258	1,341	1,318	1,313	1,366
Jilin	1,596	1,682	1,551	1,605	1,715	1,855	1,680	1,990	2,122	1,987	1,983	2,219
North	7,244	7,273	7,207	6,818	6,923	6,378	6,351	6,959	7,228	7,046	7,405	7,645
Shandong	2,136	2,143	2,201	2,167	2,192	2,070	2,088	2,244	2,315	2,324	2,398	2,405
Hebei	2,306	2,341	2,285	2,073	2,002	1,817	1,749	1,900	1,983	1,945	1,995	2,041
Beijing	182	197	198	197	201	206	217	216	223	222	219	224
Tianjin	158	169	181	189	177	157	136	147	153	146	152	161
Henan	1,698	1,680	1,697	1,598	1,768	1,521	1,664	1,885	1,937	1,834	2,035	2,177
Shanxi	764	742	646	594	583	607	497	567	618	576	606	637
Northwest	2,634	2,631	2,427	2,262	2,169	2,124	2,056	2,253	2,412	2,407	2,488	2,617
Shaanxi	1,037	1,077	1,007	988	944	951	951	950	1,016	940	996	1,025
Gansu	309	318	300	267	241	227	218	233	253	290	289	300
Nei Monggol	670	653	592	505	494	464	434	588	660	669	696	774
Ningxia	21	28	24	20	21	32	35	46	63	75	74	76
Xinjiang	597	556	503	482	469	450	418	436	420	434	434	442
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	719	625	665	676	647	658	735	781	837	815	890	934
Zhejiang	93	66	65	63	52	47	45	42	41	43	46	48
Jiangsu	410	386	445	483	457	431	460	483	496	475	501	461
Shanghai	13	10	6	7	6	5	6	10	10	8	9	10
Anhui	198	164	149	123	132	175	224	246	291	288	334	415
Central	577	563	555	555	541	535	483	494	514	503	513	520
Hubei	412	407	416	428	418	411	374	382	394	384	389	386
Hunan	156	148	132	120	116	116	102	104	113	112	115	122
Jiangxi	9	8	7	7	7	8	7	8	8	7	8	12
South	613	583	614	589	561	542	517	523	564	593	615	627
Guangdong	45	46	43	42	39	40	39	42	45	38	51	57
Guangxi	566	535	569	546	521	500	476	478	505	531	533	537
Fujian	2	2	2	1	1	2	2	3	15	14	19	19
Hainan[1]	na	na	na	na	na	na	na	na	na	11	12	14
Southwest	3,397	3,431	3,560	3,484	3,409	3,294	3,097	3,175	3,217	3,196	3,243	3,304
Sichuan	1,646	1,601	1,790	1,767	1,716	1,667	1,583	1,618	1,650	1,654	1,663	1,712
Guizhou	691	718	683	667	672	650	592	618	611	595	599	600
Yunnan	1,060	1,111	1,087	1,048	1,019	975	920	937	953	945	979	990
Xizang	0	2	1	2	2	2	2	2	3	2	2	3
Sum of above	20,133	20,087	19,425	18,508	18,827	18,537	17,694	19,122	20,212	19,692	20,353	21,401
SSB total	20,133	20,353	19,425	18,543	18,824	18,537	17,694	19,124	20,212	19,692	20,353	21,401

[1] Hainan data only available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 27), (4, p. 37), (5, p. 40), (6, p. 88), (7, p. 148), (8, p. 183), (9, p. 216), (10, p. 234), (11, p. 262), (34, p. 359), and (35, p. 342).

Table 49--Soybean production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	2,985	3,345	3,430	3,900	3,960	4,350	4,588	5,252	5,295	5,321	3,766	4,618
Heilongjiang	1,855	2,205	2,015	2,605	2,385	2,905	3,137	3,780	3,835	3,844	2,860	3,258
Liaoning	530	535	625	580	695	635	546	635	492	451	231	427
Jilin	600	605	790	715	880	810	905	837	968	1,026	675	933
North	2,055	2,230	2,835	1,995	2,385	2,100	2,458	2,366	2,902	2,450	2,355	2,641
Shandong	715	840	830	735	645	625	795	947	1,030	909	739	843
Hebei	360	295	305	300	250	275	385	412	459	468	443	535
Beijing	15	15	10	15	15	15	22	23	31	28	31	28
Tianjin	30	30	25	25	25	35	47	59	67	61	65	66
Henan	795	920	1,540	745	1,280	970	1,032	749	1,104	699	801	867
Shanxi	140	130	125	175	170	180	177	176	211	285	276	302
Northwest	360	390	360	460	520	490	576	730	752	918	776	904
Shaanxi	145	180	105	135	170	165	183	210	250	299	260	293
Gansu	45	50	35	35	50	50	64	68	77	79	72	77
Nei Monggol	130	125	195	245	245	230	288	410	367	480	376	476
Ningxia	20	15	10	20	25	25	26	24	34	26	24	24
Xinjiang	20	20	15	25	30	20	15	18	24	34	44	34
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	925	910	1,500	1,245	1,555	1,245	1,383	1,666	1,688	1,464	1,535	1,131
Zhejiang	105	120	115	130	110	120	110	117	130	123	143	114
Jiangsu	300	290	475	485	520	430	557	719	662	622	604	451
Shanghai	10	5	5	5	10	10	11	11	14	15	16	12
Anhui	510	495	905	625	915	685	705	819	882	704	772	554
Central	550	365	450	520	500	580	601	659	668	597	766	687
Hubei	275	115	175	160	160	220	238	290	249	245	294	264
Hunan	155	135	165	205	210	225	218	244	276	220	294	254
Jiangxi	120	115	110	155	130	135	145	125	143	132	178	169
South	240	285	350	465	375	375	353	360	350	330	403	385
Guangdong	100	115	120	145	110	120	118	127	129	123	133	139
Guangxi	95	100	140	215	185	160	142	140	122	107	157	128
Fujian	45	70	90	105	80	95	93	93	99	95	107	112
Hainan[2]	na	na	na	na	na	na	na	na	na	5	6	6
Southwest	345	355	400	445	465	555	542	581	529	522	626	634
Sichuan	210	205	225	260	275	320	336	346	324	318	331	346
Guizhou	70	80	100	100	100	135	110	140	121	110	139	128
Yunnan	65	70	75	85	90	100	96	95	84	94	102	100
Xizang	0	0	0	0	0	0	0	0	0	0	54	60
Sum of above	7,460	7,880	9,325	9,030	9,760	9,695	10,501	11,614	12,184	11,602	10,227	11,000
SSB total	7,460	7,940	9,325	9,030	9,760	9,695	10,500	11,614	12,465	11,645	10,227	11,000

[1] Soybean output statistics are on the basis of dry, out-of-pod weight. Soybean production includes yellow, green, black, and other varieties.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 28), (4, p. 39), (5, p. 41), (6, p. 89), (7, p. 148), (8, p. 183), (9, p. 217), (10, p. 235), (11, p. 263), (13, p. 350), (34, p. 367), and (35, p. 350).

Table 50--Soybean area, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	2,751	2,659	2,866	3,181	2,602	2,564	3,038	3,096	3,281	3,355	3,171	2,891
Heilongjiang	1,665	1,630	1,800	2,136	1,693	1,795	2,167	2,197	2,400	2,429	2,264	2,079
Liaoning	509	473	461	458	409	372	393	410	395	381	370	349
Jilin	577	556	605	587	500	397	478	489	486	545	537	464
North	1,927	2,044	2,365	2,213	2,021	1,890	1,899	2,211	2,153	1,858	1,882	1,800
Shandong	634	695	719	605	512	483	511	621	583	521	487	448
Hebei	276	261	290	272	262	269	301	370	383	389	416	403
Beijing	8	8	8	9	9	8	10	10	13	11	14	12
Tianjin	21	23	25	23	24	26	31	38	42	42	47	45
Henan	859	918	1,194	1,145	1,040	943	880	973	910	675	673	640
Shanxi	129	139	129	159	174	161	166	199	223	221	245	252
Northwest	447	450	457	501	511	463	499	565	622	687	705	702
Shaanxi	195	212	201	193	214	196	202	217	251	273	280	288
Gansu	32	31	33	34	38	41	47	52	54	55	53	61
Nei Monggol	183	171	194	236	219	193	219	264	275	311	318	301
Ningxia	22	21	16	20	21	20	22	23	30	33	34	38
Xinjiang	15	15	13	18	19	13	9	9	11	15	20	13
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	960	918	1,136	1,195	1,151	1,099	1,026	1,122	1,100	965	975	839
Zhejiang	65	70	71	74	62	61	60	64	68	68	70	66
Jiangsu	240	236	325	338	312	286	318	350	352	318	309	245
Shanghai	2	1	2	2	2	2	2	4	5	7	6	5
Anhui	653	611	738	781	775	750	646	704	674	573	590	523
Central	482	420	423	466	452	452	469	494	484	469	493	484
Hubei	224	174	161	162	157	159	168	183	177	167	174	165
Hunan	132	131	139	164	160	161	165	173	172	172	182	182
Jiangxi	126	115	123	140	135	132	136	138	135	131	138	138
South	333	370	437	510	472	442	409	425	409	393	415	425
Guangdong	130	139	140	154	139	136	124	126	123	115	116	115
Guangxi	153	173	218	273	258	230	211	220	201	185	204	213
Fujian	50	58	79	83	75	76	74	79	85	86	87	90
Hainan[2]	na	na	na	na	na	na	na	na	na	7	7	7
Southwest	346	325	340	346	359	378	379	383	397	391	416	417
Sichuan	191	171	172	171	175	183	193	198	199	194	191	192
Guizhou	108	109	119	121	119	128	122	121	133	131	130	126
Yunnan	47	44	48	54	64	67	64	64	65	67	71	74
Xizang	0	1	1	0	1	0	0	0	0	0	23	25
Sum of above	7,246	7,186	8,024	8,412	7,568	7,288	7,719	8,296	8,445	8,120	8,057	7,560
SSB total	7,247	7,227	8,024	8,419	7,567	7,286	7,718	8,295	8,445	8,120	8,057	7,560

[1] Soybean statistics include area for the following varieties: yellow, green, black, and other.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 28), (4, p. 39), (5, p. 41), (6, p. 89), (7, p. 148), (8, p. 183), (9, p. 217), (10, p. 235), (11, p. 263), (13, p. 350), (34, p. 359), and (35, p. 342).

Table 51——Sorghum production, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	3,755	3,570	3,525	3,425	4,880	4,480	2,416	2,672	2,528	2,804	1,964	2,897
Heilongjiang	625	630	650	540	770	1,005	340	551	480	552	438	563
Liaoning	2,410	2,265	2,175	2,260	3,055	2,485	1,507	1,684	1,590	1,641	1,069	1,777
Jilin	720	675	700	625	1,055	990	569	437	458	611	457	557
North	2,720	2,260	1,970	2,385	2,105	1,965	1,976	1,639	1,739	1,872	1,504	1,680
Shandong	340	315	260	260	220	255	325	289	292	227	179	189
Hebei	1,010	890	660	845	810	605	576	547	524	494	390	476
Beijing	40	30	25	50	30	20	24	19	25	29	22	19
Tianjin	115	115	95	130	105	140	101	111	120	130	108	128
Henan	210	145	165	135	195	180	180	132	169	98	100	101
Shanxi	1,005	765	765	965	745	765	770	541	609	894	705	767
Northwest	715	595	600	650	835	660	639	759	542	615	558	710
Shaanxi	165	140	120	135	105	130	94	111	98	161	104	116
Gansu	95	90	75	55	65	65	55	55	59	89	80	111
Nei Monggol	310	230	295	355	580	395	444	537	324	296	299	389
Ningxia	30	30	25	15	10	10	8	7	11	8	5	6
Xinjiang	115	105	85	90	75	60	38	49	50	61	70	88
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	175	120	185	140	165	145	131	175	183	140	99	77
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	20	20	30	45	60	30	34	55	41	32	15	14
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	155	100	155	95	105	115	97	120	142	108	84	63
Central	60	35	45	45	35	60	47	42	47	41	40	31
Hubei	40	20	30	30	20	40	33	28	31	27	25	17
Hunan	20	15	15	15	15	20	14	12	13	12	13	12
Jiangxi	0	0	0	0	0	0	0	2	3	2	2	2
South	5	0	5	5	5	5	6	8	8	9	10	10
Guangdong	0	0	0	0	0	0	1	1	1	1	1	1
Guangxi	0	0	0	0	0	0	1	1	1	2	2	2
Fujian	5	0	5	5	5	5	4	6	6	6	7	7
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	195	195	320	320	330	400	392	389	381	366	325	277
Sichuan	175	175	300	300	305	375	372	362	353	341	302	258
Guizhou	10	10	10	15	15	20	14	22	23	20	18	13
Yunnan	10	10	10	5	10	5	6	5	5	5	5	6
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	7,625	6,775	6,650	6,970	8,355	7,715	5,607	5,684	5,428	5,847	4,500	5,682
SSB total	7,625	6,775	6,550	9,465	8,355	7,715	5,609	5,384	5,426	5,594	4,435	5,675

[1] Sorghum production is calculated on a dry weight basis.
[2] Hainan data available beginning in 1988——prior years, included in Guangdong.

Sources: (3, p. 28), (4, p. 39), (5, p. 41), (6, p. 89), (7, p. 148), (8, p. 183), (9, p. 217), (10, p. 234), (11, p. 262), (12, p. 267), and (13, p. 297).

Table 52--Sorghum area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	1,241	1,063	1,166	1,249	1,279	1,163	762	780	756	775	746	679
Heilongjiang	337	271	295	290	314	293	145	175	173	172	175	159
Liaoning	622	558	595	646	656	594	417	441	448	451	420	395
Jilin	282	234	276	313	303	276	200	164	135	152	150	124
North	1,244	1,058	874	932	873	764	700	658	664	581	494	493
Shandong	266	234	178	146	124	115	149	123	115	90	74	68
Hebei	445	384	308	343	333	264	217	222	221	191	170	167
Beijing	21	13	10	15	13	7	7	7	7	6	6	5
Tianjin	65	53	55	60	65	59	41	43	43	40	36	37
Henan	180	139	120	136	123	116	107	100	91	66	54	48
Shanxi	267	235	203	232	215	203	179	163	188	187	153	169
Northwest	403	339	328	360	344	294	249	215	224	225	220	223
Shaanxi	76	69	62	66	53	50	45	42	44	47	40	38
Gansu	45	41	38	36	31	28	23	21	24	31	29	28
Nei Monggol	208	168	181	214	227	190	158	133	138	128	132	134
Ningxia	9	7	6	3	2	1	2	1	2	2	1	1
Xinjiang	65	54	41	41	31	25	21	18	16	18	19	22
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	158	122	119	109	92	80	70	77	77	63	45	37
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	21	16	17	16	19	9	12	16	12	11	4	4
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	137	106	102	93	73	71	58	61	65	52	40	33
Central	34	26	24	24	21	27	23	20	20	17	17	15
Hubei	18	14	13	13	10	15	12	10	10	8	8	6
Hunan	15	11	10	10	10	11	10	9	8	8	8	8
Jiangxi	1	1	1	1	1	1	1	1	1	1	1	1
South	6	5	4	4	4	5	4	5	5	5	6	5
Guangdong	2	1	1	1	1	1	1	1	1	1	0	0
Guangxi	3	3	2	2	2	2	2	2	2	2	3	2
Fujian	1	1	1	1	1	2	1	2	2	2	2	3
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	85	79	95	106	100	115	131	121	119	117	102	93
Sichuan	73	66	81	92	86	99	114	101	98	94	82	76
Guizhou	7	7	9	9	9	12	12	16	17	19	17	13
Yunnan	5	6	5	5	5	4	5	4	4	4	4	4
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	3,171	2,692	2,610	2,784	2,707	2,448	1,939	1,876	1,864	1,784	1,630	1,545
SSB total	3,172	2,693	2,610	2,783	2,707	2,450	1,937	1,876	1,864	1,784	1,630	1,545

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 28), (4, p. 39), (5, p. 41), (6, p. 89), (7, p. 148), (8, p. 183), (9, p. 216), (10, p. 234), (11, p. 262), (12, p. 267), and (13, p. 297).

Table 53--Millet production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	2,260	1,830	1,865	1,835	2,735	2,205	1,366	1,180	921	819	541	839
Heilongjiang	1,300	1,035	995	875	1,255	1,155	632	601	402	355	227	331
Liaoning	250	235	225	295	450	330	299	279	257	203	162	300
Jilin	710	560	645	665	1,030	720	435	300	262	261	152	208
North	2,880	2,715	2,875	3,700	3,605	3,660	3,480	2,626	2,842	2,896	2,616	2,831
Shandong	425	315	300	400	470	745	706	626	578	487	424	456
Hebei	1,020	980	1,125	1,575	1,350	1,400	1,462	1,088	1,218	1,146	982	1,138
Beijing	25	25	30	30	30	25	29	21	18	15	11	12
Tianjin	20	20	15	20	25	35	34	33	27	13	13	12
Henan	460	415	440	385	520	480	365	226	303	319	340	336
Shanxi	930	960	965	1,290	1,210	975	884	632	698	916	846	877
Northwest	920	855	980	1,000	1,150	1,120	1,096	698	747	779	557	865
Shaanxi	225	285	250	210	230	255	198	216	155	229	162	185
Gansu	120	155	110	80	115	110	96	84	64	70	65	70
Nei Monggol	550	395	600	710	790	735	786	383	521	468	319	594
Ningxia	20	15	20	0	10	15	15	14	5	11	11	16
Xinjiang	5	5	0	0	5	5	1	1	2	1	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	15	15	10	5	5	5	3	2	1	1	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	15	15	10	5	5	5	3	2	1	1	0	0
Central	30	10	15	20	35	20	23	24	18	11	18	14
Hubei	25	10	15	15	30	15	19	22	16	10	16	13
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	5	0	0	5	5	5	4	2	2	1	2	1
South	10	10	10	10	0	10	3	3	3	5	8	7
Guangdong	5	5	5	5	0	5	1	1	1	1	1	1
Guangxi	5	5	5	5	0	5	2	2	2	3	7	5
Fujian	0	0	0	0	0	0	0	0	0	1	0	1
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	10	10	10	10	5	5	5	7	6	10	7	8
Sichuan	0	0	0	0	0	0	0	0	0	0	0	0
Guizhou	10	10	10	10	5	5	5	7	6	10	7	8
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	6,125	5,445	5,765	6,580	7,535	7,025	5,976	4,540	4,538	4,521	3,747	4,564
SSB total	6,125	5,445	5,765	6,580	7,540	7,025	5,977	4,540	4,357	4,412	3,753	4,575

[1] Millet production is calculated on a dry weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 29), (4, p. 38), (5, p. 41), (6, p. 149), (8, p. 184), (9, p. 217), (10, p. 235), (11, p. 263), (12, p. 268), and (13, p. 298).

Table 54--Millet area, by region and province, China, 1979--90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	1,516	1,375	1,412	2,556	2,622	2,173	1,748	834	654	557	504	433
Heilongjiang	854	769	769	1,414	1,448	1,214	979	410	308	245	213	175
Liaoning	205	190	211	723	748	633	493	206	189	179	177	169
Jilin	457	416	431	419	426	326	276	218	157	132	114	89
North	1,654	1,558	1,542	1,685	1,703	1,722	1,570	1,442	1,368	1,304	1,301	1,231
Shandong	214	169	145	150	181	230	245	209	179	158	147	140
Hebei	554	549	592	700	688	706	684	631	603	572	597	549
Beijing	14	12	12	13	14	13	14	12	9	8	7	6
Tianjin	15	12	11	11	13	15	16	14	11	9	7	7
Henan	299	264	262	268	268	257	215	195	178	175	159	149
Shanxi	557	551	521	543	539	501	396	381	388	382	0	382
Northwest	952	898	898	908	903	833	746	679	645	633	608	590
Shaanxi	242	248	227	205	210	195	177	172	166	160	154	156
Gansu	107	109	99	99	97	87	76	67	66	63	56	55
Nei Monggol	564	502	534	570	559	519	463	414	387	385	374	356
Ningxia	30	33	35	30	33	29	28	25	24	25	23	22
Xinjiang	8	5	3	3	4	3	2	1	2	1	0	1
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	13	10	7	5	3	3	2	1	1	1	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	1	1	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	12	9	7	5	3	3	2	1	1	1	0	0
Central	15	10	10	10	17	12	12	12	10	9	11	8
Hubei	12	8	9	8	14	9	9	10	8	7	9	8
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	3	1	1	2	3	3	3	2	2	1	1	0
South	15	14	11	8	7	5	4	4	4	5	9	8
Guangdong	6	5	4	3	3	2	1	1	1	1	1	1
Guangxi	9	9	6	5	4	3	3	3	3	4	7	6
Fujian	0	0	0	0	0	0	0	0	0	0	0	1
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	9	8	9	8	7	8	6	7	6	5	7	8
Sichuan	0	0	0	0	0	0	0	0	0	0	0	0
Guizhou	9	8	9	8	7	8	6	7	6	5	7	8
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	4,173	3,872	3,889	5,180	5,262	4,756	4,086	2,980	2,688	2,514	2,440	2,278
SSB total	4,173	3,872	3,889	4,039	4,087	3,797	3,318	2,980	2,688	2,513	2,396	2,278

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 29), (4, p. 38), (5, p. 41), (6, p. 149), (8, p. 184), (9, p. 217), (10, p. 235), (11, p. 263), (12, p. 268), and (13, p. 298).

Table 55--Tuber production, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	980	815	785	745	1,065	1,165	840	899	1,108	1,245	1,122	1,229
Heilongjiang	625	510	450	435	615	625	438	475	672	710	719	741
Liaoning	135	105	90	95	145	180	157	153	135	191	119	191
Jilin	220	200	245	215	305	360	245	271	301	344	284	297
North	10,600	10,905	8,735	9,120	10,115	10,035	8,616	7,571	9,072	8,449	7,707	8,354
Shandong	5,545	5,555	4,285	4,945	4,670	5,280	4,373	4,003	4,784	4,040	3,324	3,640
Hebei	1,295	1,250	1,095	1,325	1,335	1,360	1,445	1,251	1,362	1,402	1,256	1,386
Beijing	30	25	20	15	20	25	37	29	30	29	27	27
Tianjin	20	25	20	30	30	40	33	26	25	16	20	20
Henan	3,175	3,525	2,850	2,185	3,450	2,590	2,086	1,782	2,329	2,175	2,351	2,537
Shanxi	535	525	465	620	610	740	642	480	542	787	729	744
Northwest	1,695	1,590	1,310	1,310	1,495	1,665	1,690	1,592	1,532	2,107	1,853	2,110
Shaanxi	705	685	490	540	575	680	615	603	622	734	647	648
Gansu	420	440	320	270	390	360	447	458	413	548	562	621
Nei Monggol	395	300	375	415	420	500	482	364	337	617	424	613
Ningxia	65	65	45	20	35	40	40	45	35	65	76	84
Xinjiang	40	25	25	20	20	20	22	30	37	44	34	35
Qinghai	70	75	55	45	55	65	84	92	88	99	110	109
East	3,625	4,100	4,515	4,275	5,300	4,625	4,121	4,704	4,650	4,621	4,176	4,269
Zhejiang	645	780	725	785	790	760	686	602	659	613	645	634
Jiangsu	1,200	1,190	1,585	1,520	1,520	1,395	1,336	1,330	1,319	1,249	1,199	1,040
Shanghai	5	5	0	5	0	0	0	0	0	0	0	0
Anhui	1,775	2,125	2,205	1,965	2,990	2,470	2,099	2,772	2,672	2,759	2,332	2,595
Central	2,400	2,225	2,095	2,370	2,315	2,275	2,143	2,003	2,196	2,070	2,509	2,220
Hubei	955	875	920	1,070	1,035	1,080	1,010	1,027	1,041	975	1,114	996
Hunan	1,150	1,075	905	1,005	1,010	915	857	770	886	838	1,055	844
Jiangxi	295	275	270	295	270	280	276	206	269	257	340	380
South	2,380	2,500	2,480	2,705	2,435	2,480	2,462	2,320	2,722	2,599	2,834	3,051
Guangdong	1,390	1,365	1,360	1,520	1,400	1,425	1,448	1,425	1,632	1,434	1,491	1,631
Guangxi	175	170	180	270	235	220	209	234	266	215	228	235
Fujian	815	965	940	915	800	835	805	661	824	784	934	974
Hainan[2]	na	na	na	na	na	na	na	na	na	166	181	211
Southwest	6,780	5,710	6,050	6,155	6,520	6,230	6,164	6,248	6,943	6,137	7,103	6,199
Sichuan	5,810	4,670	5,135	5,085	5,405	4,995	4,981	4,890	5,633	4,817	5,559	4,746
Guizhou	500	505	380	510	555	625	549	706	705	710	841	771
Yunnan	470	535	535	560	560	605	630	647	613	608	701	680
Xizang	0	0	0	0	0	5	4	5	2	2	2	2
Sum of above	28,460	27,845	25,970	26,680	29,245	28,475	26,036	25,337	28,223	27,228	27,304	27,432
SSB total	28,460	28,725	25,970	26,680	29,245	28,475	26,036	25,337	28,205	26,965	27,304	27,432

[1] Both sweetpotato and Irish (white) potato are included. In recent years, taro and cassava were excluded from the tuber category.

[2] Hainan available beginning in 1988--prior years, included in Guandong.

Sources: (3, p. 26), (4, p. 37), (5, p. 40), (6, p. 88), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 261), (34, p. 367), and (35, p. 351).

Table 56--Tuber area, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	419	364	348	360	421	402	397	368	361	409	395	367
Heilongjiang	267	236	219	226	261	235	221	209	214	247	233	218
Liaoning	62	42	40	41	54	66	72	66	64	71	74	74
Jilin	91	85	90	93	106	101	104	93	83	91	89	75
North	3,551	3,145	2,835	2,690	2,722	2,548	2,332	2,317	2,329	2,347	2,276	2,218
Shandong	1,461	1,275	1,150	1,081	1,007	927	821	818	817	771	766	743
Hebei	528	474	425	441	455	458	474	447	457	462	450	434
Beijing	12	10	8	7	7	8	11	9	8	8	7	7
Tianjin	8	7	7	9	8	10	8	7	6	5	5	5
Henan	1,274	1,127	1,008	899	970	851	763	783	767	805	759	746
Shanxi	268	253	238	253	275	294	255	253	274	295	289	283
Northwest	1,059	995	905	887	918	904	874	879	922	979	961	962
Shaanxi	389	366	333	314	337	337	325	327	338	347	338	335
Gansu	266	263	251	250	251	246	246	250	271	290	287	294
Nei Monggol	277	252	232	243	254	246	227	225	229	252	247	246
Ningxia	68	63	48	42	38	37	36	35	44	48	46	44
Xinjiang	23	16	11	11	9	8	9	10	9	10	9	9
Qinghai	37	36	31	27	29	30	31	32	31	32	34	34
East	1,358	1,198	1,257	1,165	1,212	1,130	1,033	1,070	1,076	1,092	1,039	1,019
Zhejiang	116	144	154	156	150	145	138	137	141	137	148	155
Jiangsu	393	332	375	326	316	295	282	275	266	251	248	222
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	848	722	728	683	746	690	613	658	669	703	644	643
Central	940	867	823	807	792	769	750	757	765	795	837	862
Hubei	421	387	371	377	376	368	354	358	353	369	389	392
Hunan	398	372	344	321	312	296	290	294	305	313	328	342
Jiangxi	121	108	109	109	104	105	106	105	107	113	120	128
South	1,098	1,064	1,034	1,092	1,069	1,037	1,015	1,048	1,082	1,069	1,129	1,159
Guangdong	687	647	616	624	622	605	583	594	600	484	496	501
Guangxi	187	164	176	230	216	211	216	237	258	250	252	248
Fujian	224	253	242	238	231	221	216	217	224	225	268	287
Hainan[2]	na	na	na	na	na	na	na	na	na	109	114	123
Southwest	2,528	2,253	2,417	2,365	2,270	2,201	2,172	2,246	2,332	2,363	2,460	2,533
Sichuan	1,990	1,734	1,923	1,870	1,761	1,673	1,636	1,655	1,719	1,728	1,788	1,842
Guizhou	305	282	267	272	284	299	304	346	357	373	400	410
Yunnan	232	237	227	223	225	227	230	243	255	260	270	280
Xizang	0	0	0	0	0	2	2	2	1	1	1	1
Sum of above	10,952	9,888	9,620	9,366	9,404	8,991	8,573	8,685	8,868	9,054	9,097	9,121
SSB total	10,952	10,153	9,620	9,363	9,402	8,988	8,572	8,685	8,868	9,054	9,097	9,121

[1] Both sweetpotato and Irish (white) potato are included. In recent years, taro and cassava were excluded from the tuber category.

[2] Hainan available beginning in 1988--prior years, included in Guandong.

Sources: (3, p. 26), (4, p. 37), (5, p. 40), (6, p. 88), (7, p. 147), (8, p. 182), (9, p. 215), (10, p. 233), (11, p. 261), (34, p. 359), and (35, p. 342).

Table 57--Total grain procurement and transfers, China, 1952–90

Year	Trade weight, calendar year[1]		Raw weight, marketing year[1]		
	Total procurement[2]	Peasant to non–peasant sales[3]	Total procurement[2]	Transfers to rural areas[4]	Net procurement[5]
			1,000 tons		
1952	39,030	na	33,270	5,080	28,190
1953	43,050	na	47,460	11,575	35,885
1954	50,890	na	51,810	20,225	31,585
1955	47,540	na	50,745	14,570	36,175
1956	40,220	na	45,440	16,740	28,700
1957	45,970	na	48,040	14,170	33,870
1958	51,830	na	58,760	17,035	41,725
1959	64,115	na	67,405	19,840	47,565
1960	46,535	na	51,050	20,155	30,895
1961	36,550	na	40,470	14,665	25,805
1962	32,420	na	38,145	12,425	25,720
1963	36,995	na	43,965	15,045	28,920
1964	40,135	na	47,425	15,580	31,845
1965	39,220	na	48,685	15,090	33,595
1966	41,415	na	51,585	13,345	38,240
1967	41,375	na	49,355	11,615	37,740
1968	40,405	na	48,695	10,830	37,865
1969	38,450	na	46,675	12,850	33,825
1970	46,490	na	54,435	12,415	42,020
1971	43,825	na	53,020	13,200	39,820
1972	38,535	na	48,295	14,375	33,920
1973	48,405	na	56,120	15,115	41,005
1974	46,890	na	58,070	14,095	43,975
1975	52,615	na	60,860	16,915	43,945
1976	49,145	na	58,250	17,530	40,720
1977	47,670	na	56,615	19,055	37,560
1978	50,725	1,200	61,740	19,030	42,710
1979	60,095	2,000	71,985	20,285	51,700
1980	61,290	3,100	72,985	25,015	47,970
1981	68,455	3,600	78,055	29,280	48,775
1982	78,055	4,250	91,860	32,750	59,110
1983	102,485	4,500	119,855	34,585	85,270
1984	117,245	4,750	141,690	47,085	94,605
1985	107,628	5,500	115,640	57,320	58,320
1986	115,162	6,300	134,600	34,493	100,107
1987	120,920	6,610	141,150	31,220	109,930
1988	119,953	6,716	na	na	na
1989	121,381	6,179	115,750	29,006	86,744
1990	139,952	6,043	na	na	na

[1] Marketing year is April/March; raw grain is unmilled; and trade grain is milled.
[2] Total national procurement by all sources (*shehui shougou liang*).
[3] Direct peasant to nonpeasant sales that bypass all government and free market channels.
[4] The government transfers some procured grain back to rural areas for rural state employees. Some part may be sold to nongrain–growing farm households and used for relief purposes.
[5] Net procurement is total procurement less transfers back to rural areas.

Sources: (12, pp. 525, 514, 574), (32, p. 699), (33, pp. 615, 626), (35, pp. 345–346, 587, 589, 605), and (56, pp. 400–401, 410–411, 422–423, 427).

Table 58--Commercial grain procurement, by region and province, China, selected years, 1980-90[1]

Region/province	1980	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 tons				
Northeast	11,191	19,883	21,113	15,139	18,939	23,775	27,999	26,501	35,835
Heilongjiang	5,256	6,144	7,069	5,753	7,263	7,542	9,391	10,063	12,266
Liaoning	3,664	7,044	5,895	4,303	5,141	6,680	8,007	8,096	8,975
Jilin	2,271	6,695	8,149	5,083	6,535	9,553	10,601	8,342	14,594
North	11,023	21,086	24,892	23,033	23,359	23,971	22,819	27,860	30,630
Shandong	3,388	7,099	7,451	6,373	7,141	7,302	8,133	8,110	8,506
Hebei	2,325	3,982	5,169	5,236	5,239	5,140	2,274	5,478	6,099
Beijing	252	603	579	738	704	738	927	1,209	1,540
Tianjin	177	205	236	309	321	476	520	608	593
Henan	3,786	7,380	9,111	8,047	7,754	8,364	8,321	9,439	11,091
Shanxi	1,095	1,816	2,347	2,330	2,200	1,951	2,644	3,016	2,801
Northwest	3,603	6,037	6,800	6,883	7,219	6,864	9,339	10,303	12,159
Shaanxi	852	1,692	1,833	2,270	2,151	1,835	2,108	2,730	2,737
Gansu	634	1,134	1,182	1,056	1,185	1,141	1,374	1,722	1,939
Nei Monggol	744	1,452	1,665	1,575	1,682	1,675	2,775	2,619	3,712
Ningxia	189	389	465	311	421	348	513	558	672
Xinjiang	1,075	1,200	1,513	1,531	1,630	1,690	2,407	2,438	2,836
Qinghai	109	171	142	140	150	175	162	236	263
East	10,271	17,352	20,176	17,544	18,168	18,746	18,555	18,797	20,763
Zhejiang	2,179	3,149	3,444	2,866	2,828	2,803	3,046	3,309	3,198
Jiangsu	4,627	7,627	9,928	7,664	8,119	8,115	7,330	7,656	8,933
Shanghai	258	471	532	1,053	516	630	678	778	585
Anhui	3,207	6,106	6,272	5,961	6,705	7,198	7,501	7,054	8,047
Central	8,224	14,325	15,620	13,621	13,816	14,040	14,912	15,884	17,146
Hubei	2,892	5,425	6,870	6,604	5,980	7,181	6,998	7,134	7,863
Hunan	2,979	5,112	4,439	3,426	4,249	3,426	4,466	4,594	4,749
Jiangxi	2,353	3,788	4,311	3,591	3,587	3,433	3,448	4,156	4,534
South	6,015	7,741	8,720	6,347	6,514	6,449	6,048	7,339	7,776
Guangdong	3,294	3,898	5,280	3,592	3,413	3,779	2,872	3,306	3,731
Guangxi	1,507	2,281	1,902	1,393	1,714	1,054	1,258	1,503	1,777
Fujian	1,214	1,562	1,537	1,362	1,387	1,616	1,760	2,206	1,979
Hainan[2]	na	na	na	na	na	na	158	324	289
Southwest	6,745	10,314	10,160	8,044	8,135	8,175	8,588	9,164	9,577
Sichuan	5,053	7,324	7,197	5,839	6,202	6,140	6,283	6,728	6,843
Guizhou	694	967	727	649	742	708	831	773	780
Yunnan	946	1,985	2,196	1,555	1,191	1,327	1,474	1,663	1,882
Xizang	52	38	41	1	0	0	0	0	72
Sum of above	57,072	96,738	107,480	90,611	96,150	102,020	108,260	115,848	133,886

[1] Prior to 1987, the data were for procurement by state commercial enterprises and Supply and Marketing Cooperatives (*quanmin suoyou shangye he gongxiao hezuoshe*); since 1987, the procurement data refer to total commercial procurement (*shehui shangye*).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (13, p. 157), (30, p. 545), (33, p. 621), (39, p. 129), (41, p. 124), and (43, p. 163).

Table 59--Fixed and negotiated price grain procurement, by region and province, China, 1987[1]

Region/province	Fixed price procurement (quota)						Negotiated price procurement (overquota)					
	Total	Wheat	Rice	Soybean	Corn	Tuber	Total	Wheat	Rice	Soybean	Corn	Tuber
					1,000 tons							
Northeast	15,585	1,319	1,675	1,879	10,712	0	6,446	460	443	1,950	3,593	0
Heilongjiang	4,775	1,150	420	1,486	1,719	0	1,658	188	43	1,230	197	0
Liaoning	4,017	0	901	144	2,972	0	2,525	198	230	294	1,803	0
Jilin	6,793	169	354	249	6,021	0	2,263	74	170	426	1,593	0
North	11,185	7,307	275	76	3,495	32	11,740	3,212	584	1,093	6,361	490
Shandong	3,422	2,414	53	34	891	30	3,256	1,046	77	264	1,590	279
Hebei	2,450	1,215	71	36	1,126	2	2,654	454	94	161	1,926	19
Beijing	202	71	10	0	121	0	570	84	68	47	370	1
Tianjin	81	14	4	0	63	0	374	9	12	55	298	0
Henan	4,000	3,088	135	1	776	0	3,819	1,353	305	522	1,448	191
Shanxi	1,030	505	2	5	518	0	1,067	266	28	44	729	0
Northwest	4,362	2,604	221	99	1,438	0	3,666	1,179	164	325	1,990	8
Shaanxi	1,200	761	129	4	306	0	995	268	65	55	599	8
Gansu	759	558	0	7	194	0	628	320	15	15	278	0
Nei Monggol	949	238	4	85	622	0	1,319	162	20	233	904	0
Ningxia	185	103	48	1	33	0	180	20	51	16	93	0
Xinjiang	1,219	909	40	2	268	0	423	340	13	6	64	0
Qinghai	50	35	0	0	15	0	121	69	0	0	52	0
East	8,921	3,403	5,076	67	372	3	8,601	3,276	2,655	314	1,543	813
Zhejiang	1,843	116	1,656	0	68	3	941	96	280	55	448	62
Jiangsu	3,947	1,803	1,875	20	249	0	3,872	2,084	857	111	746	74
Shanghai	171	55	113	0	3	0	485	91	153	40	196	5
Anhui	2,960	1,429	1,432	47	52	0	3,303	1,005	1,365	108	153	672
Central	7,930	1,341	6,450	47	82	10	6,127	1,253	4,407	98	314	55
Hubei	3,466	1,298	2,097	0	71	0	3,530	1,166	2,017	67	247	33
Hunan	2,461	22	2,380	38	11	10	1,198	73	1,038	13	63	11
Jiangxi	2,003	21	1,973	9	0	0	1,399	14	1,352	18	4	11
South	3,622	57	3,490	0	71	4	3,503	434	2,699	81	243	46
Guangdong	1,872	14	1,857	0	1	0	2,242	271	1,758	43	137	33
Guangxi	1,027	4	954	0	69	0	468	29	317	28	94	0
Fujian	723	39	679	0	1	4	793	134	624	10	12	13
Southwest	5,314	1,660	2,596	26	1,032	0	2,199	657	702	42	798	0
Sichuan	4,049	1,556	1,827	23	643	0	1,599	542	478	30	549	0
Guizhou	493	14	333	0	146	0	120	18	46	4	52	0
Yunnan	745	84	436	3	222	0	480	97	178	8	197	0
Xizang	27	6	0	0	21	0	0	0	0	0	0	0
Sum of above	56,919	17,691	19,783	2,194	17,202	49	42,282	10,471	11,654	3,903	14,842	1,412

[1] Reported on a trade weight (milled) basis.

Source: (21, pp. 659-660).

Table 60--Fixed and negotiated price grain procurement, by region and province, China, 1989[1]

Region/province	Fixed price procurement (quota)						Negotiated price procurement (overquota)					
	Total	Wheat	Rice	Soybean	Corn[2]	Tuber	Total	Wheat	Rice	Soybean	Corn[2]	Tuber
	1,000 tons											
Northeast	10,609	1,524	1,505	1,298	6,282	0	11,668	1,304	1,140	2,694	6,530	0
Heilongjiang	4,294	1,524	429	1,034	1,307	0	3,924	873	143	1,726	1,182	0
Liaoning	2,395	0	745	40	1,610	0	4,217	304	579	478	2,856	0
Jilin	3,920	0	331	224	3,365	0	3,527	127	418	490	2,492	0
North	9,623	7,051	257	66	2,226	23	13,718	4,671	681	985	7,079	302
Shandong	2,838	2,272	41	29	474	22	3,226	1,488	91	206	1,283	158
Hebei	2,358	1,241	72	36	1,008	1	3,361	870	124	210	2,127	30
Beijing	169	56	0	0	113	0	1,204	209	88	118	787	2
Tianjin	66	13	5	0	48	0	525	27	30	69	399	0
Henan	3,419	3,122	139	1	157	0	3,901	1,507	317	315	1,651	111
Shanxi	773	347	0	0	426	0	1,501	570	31	67	832	1
Northwest	4,152	2,763	178	101	1,109	1	4,248	1,792	256	398	1,792	10
Shaanxi	1,181	791	98	5	287	0	1,208	508	107	66	520	7
Gansu	771	589	0	1	181	0	612	373	11	19	209	0
Nei Monggol	785	265	4	94	421	1	1,460	398	25	273	761	3
Ningxia	186	141	35	0	10	0	278	91	84	18	85	0
Xinjiang	1,174	936	41	1	196	0	538	341	28	22	147	0
Qinghai	55	41	0	0	14	0	152	81	1	0	70	0
East	8,531	2,787	5,387	63	292	2	7,369	1,904	3,762	323	1,103	277
Zhejiang	1,842	99	1,667	1	73	2	1,168	123	631	65	308	41
Jiangsu	3,618	1,431	2,032	0	155	0	2,532	1,101	991	66	367	7
Shanghai	168	48	116	0	4	0	565	92	223	43	206	1
Anhui	2,903	1,209	1,572	62	60	0	3,104	588	1,917	149	222	228
Central	7,391	1,090	6,192	29	79	1	7,515	812	6,377	91	209	26
Hubei	3,033	1,054	1,908	0	71	0	3,762	720	2,800	71	156	15
Hunan	2,337	24	2,283	22	8	0	1,857	69	1,726	10	46	6
Jiangxi	2,021	12	2,001	7	0	1	1,896	23	1,851	10	7	5
South	3,647	91	3,460	0	93	3	3,818	472	2,944	72	312	18
Guangdong	1,722	34	1,688	0	0	0	2,170	232	1,759	39	127	13
Guangxi	1,027	1	933	0	93	0	666	71	422	22	151	0
Fujian	732	56	673	0	0	3	861	153	656	8	29	5
Hainan	166	0	166	0	0	0	121	6	107	3	5	0
Southwest	4,904	1,542	2,591	33	738	0	3,209	752	1,499	47	911	0
Sichuan	3,721	1,418	1,890	31	382	0	2,236	601	1,050	32	553	0
Guizhou	380	16	274	0	90	0	269	29	141	4	95	0
Yunnan	762	95	427	2	238	0	704	122	308	11	263	0
Xizang	41	13	0	0	28	0	0	0	0	0	0	0
Sum of above	48,857	16,848	19,570	1,590	10,819	30	51,545	11,707	16,659	4,610	17,936	633

[1] Reported on a trade weight (milled) basis.

[2] Corn is identified in these statistics as *yumi deng* rather than the normal *yumi* used in State Statistical Bureau (SSB) statistics. It is unclear whether or not the definition used here for these Ministry of Commerce (MOC) statistics differs from the definition normally used in statistics collected by the SSB (perhaps including some local or indigenous corn varieties excluded from SSB statistics).

Source: (22, pp. 567, 571).

Table 61--Fixed and negotiated price grain procurement, by region and province, China, 1990[1]

Region/province	Fixed price procurement (quota)						Negotiated price procurement (overquota)					
	Total	Wheat	Rice	Soybean	Corn[2]	Tuber	Total	Wheat	Rice	Soybean	Corn[2]	Tuber
	1,000 tons											
Northeast	12,856	1,399	1,712	1,860	7,885	0	12,588	600	1,148	2,805	8,035	0
Heilongjiang	4,669	1,399	433	1,483	1,354	0	3,737	271	183	1,919	1,364	0
Liaoning	3,925	0	884	114	2,927	0	2,792	236	391	346	1,819	0
Jilin	4,262	0	395	263	3,604	0	6,059	93	574	540	4,852	0
North	9,803	7,193	308	67	2,226	9	12,020	3,551	787	701	6,594	387
Shandong	2,817	2,350	53	32	373	9	2,698	908	73	107	1,346	264
Hebei	2,516	1,381	75	35	1,025	0	2,725	615	153	161	1,776	20
Beijing	168	62	0	0	106	0	1,137	105	107	58	865	2
Tianjin	64	12	4	0	48	0	431	74	73	59	225	0
Henan	3,433	3,030	176	0	227	0	3,647	1,214	357	267	1,708	101
Shanxi	805	358	0	0	447	0	1,382	635	24	49	674	0
Northwest	4,192	2,556	211	128	1,297	0	3,938	1,362	153	526	1,890	7
Shaanxi	1,172	783	96	3	290	0	971	359	49	57	501	5
Gansu	757	583	1	1	172	0	407	161	13	10	223	0
Nei Monggol	910	306	5	121	478	0	1,814	400	25	444	943	2
Ningxia	224	149	38	2	35	0	179	59	55	7	58	0
Xinjiang	1,077	696	71	1	309	0	423	301	11	8	103	0
Qinghai	52	39	0	0	13	0	144	82	0	0	62	0
East	8,468	3,223	4,937	56	251	1	5,378	1,478	2,461	219	995	225
Zhejiang	1,810	139	1,596	0	74	1	1,122	146	518	57	360	41
Jiangsu	3,565	1,730	1,738	0	97	0	2,302	887	983	64	361	7
Shanghai	168	50	116	0	2	0	576	130	270	22	152	2
Anhui	2,925	1,304	1,487	56	78	0	1,378	315	690	76	122	175
Central	7,555	970	6,502	17	60	6	2,951	430	2,222	76	207	16
Hubei	3,056	920	2,083	0	53	0	2,053	362	1,486	56	143	6
Hunan	2,469	32	2,409	15	7	6	374	52	246	15	55	6
Jiangxi	2,030	18	2,010	2	0	0	524	16	490	5	9	4
South	3,733	86	3,554	0	91	2	4,568	510	3,688	84	258	28
Guangdong	1,722	28	1,694	0	0	0	2,713	269	2,275	59	86	24
Guangxi	1,134	14	1,029	0	91	0	942	89	673	21	159	0
Fujian	718	44	672	0	0	2	826	149	657	4	12	4
Hainan	159	0	159	0	0	0	87	3	83	0	1	0
Southwest	5,207	1,554	2,975	35	643	0	2,294	608	876	38	772	0
Sichuan	3,940	1,399	2,155	32	354	0	1,177	442	317	30	388	0
Guizhou	371	24	279	0	68	0	328	54	183	2	89	0
Yunnan	842	112	541	3	186	0	789	112	376	6	295	0
Xizang	54	19	0	0	35	0	0	0	0	0	0	0
Sum of above	51,814	16,981	20,199	2,163	12,453	18	43,737	8,539	11,335	4,449	18,751	663

[1] Reported on a trade weight (milled) basis.

[2] Corn is identified in these statistics as *yumi deng* rather than the normal *yumi* used in State Statistical Bureau (SSB) statistics. It is unclear whether or not the definition used here for these Ministry of Commerce (MOC) statistics differs from the definition normally used in statistics collected by the SSB (perhaps including some local or indigenous corn varieties excluded from SSB statistics).

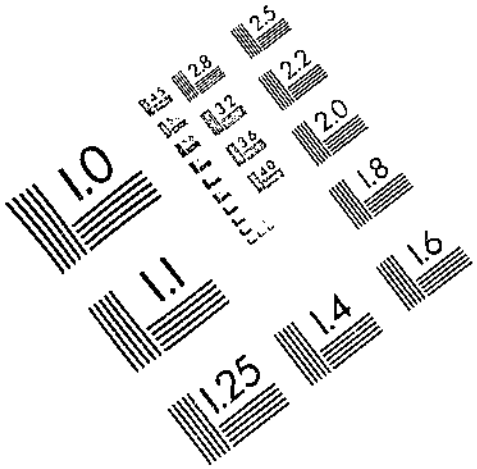
Source: (23, pp. XI-132, XI-136).

Chapter 3

China's Fiber and Oilseed Statistics

This chapter includes national and provincial statistics on China's production, area, and procurement of cotton, Indian hemp, jute and ambary hemp, sesameseed, rapeseed, sunflowerseed, peanut, and total edible oilseeds. It also includes provincial wool output, total edible oil output, and town and township enterprise edible oil output. Other output statistics include yarn, chemical fiber, silk, cloth, and fabric and textile goods.

PB93-133445 USDA/SB-844 AGRICULTURAL STATISTICS OF THE PEOPLE'S REPUBLIC OF CHINA, 1949-90.(STATISTICAL BULLETIN.) / W. H. COLBY, ET AL. ECONOMIC RESEARCH SERVICE, WASHINGTON, DC. AGRICULTURE AND TRADE ANALYSIS DIV. NOV 92 330P 02/04



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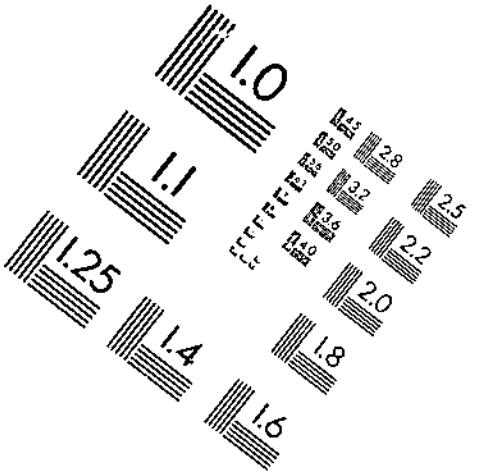

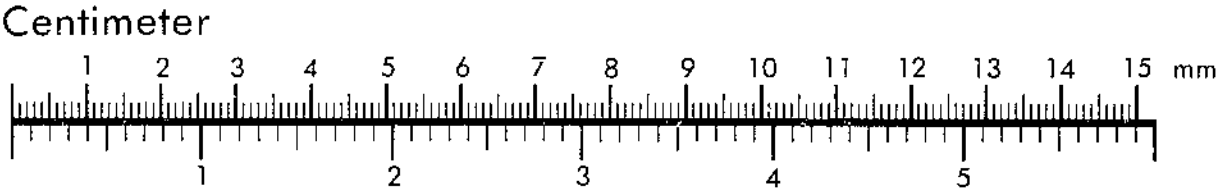

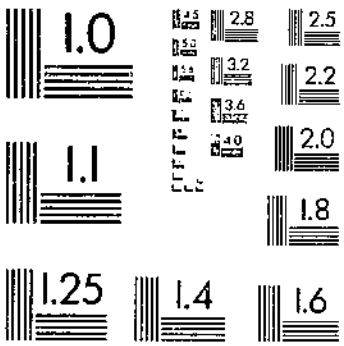

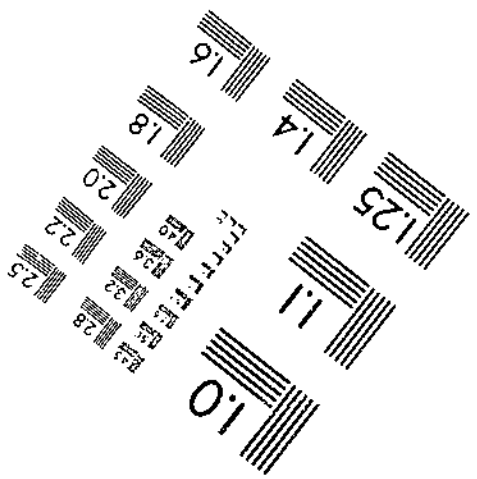

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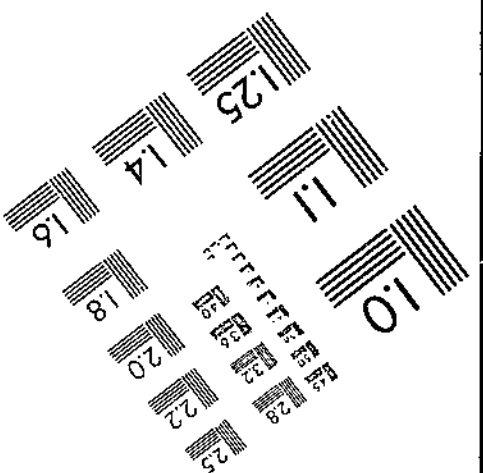

Table 62--Fiber crop production, China, 1949–90

Year	Cotton[1]	Bast fibers								Silk cocoons	
		Total A	Total B	Jute A[2]	Jute B[3]	Ramie	Flax	Indian hemp	Other[4]	Mulberry	Tussah
					1,000 tons						
1949	444	na	na	37	19	na	na	na	na	31	12
1950	692	na	na	79	40	na	na	na	na	34	25
1951	1,031	na	na	250	125	na	na	na	na	47	27
1952	1,304	na	na	306	153	40	na	na	na	62	61
1953	1,175	na	na	138	69	47	na	na	na	59	12
1954	1,065	na	na	137	69	45	na	na	na	65	26
1955	1,518	na	na	257	129	49	na	na	na	67	64
1956	1,445	na	na	258	129	53	na	na	na	72	62
1957	1,640	na	na	301	151	53	na	na	na	68	44
1958	1,969	na	na	267	134	60	na	na	na	74	44
1959	1,709	na	na	226	113	48	na	na	na	70	54
1960	1,063	na	na	202	101	35	na	na	na	62	27
1961	800	na	na	123	62	17	na	na	na	37	5
1962	750	na	na	132	66	15	na	na	na	37	8
1963	1,200	na	na	198	99	20	na	na	na	41	28
1964	1,663	na	na	235	118	23	na	na	na	52	43
1965	2,098	na	na	279	140	28	na	na	na	66	39
1966	2,337	na	na	349	175	na	na	na	na	78	61
1967	2,354	na	na	398	199	na	na	na	na	85	38
1968	2,354	na	na	396	198	na	na	na	na	105	39
1969	2,079	na	na	344	172	na	na	na	na	113	35
1970	2,277	na	na	314	157	na	na	na	na	122	43
1971	2,105	460	na	304	152	30	na	na	na	123	26
1972	1,958	583	na	379	190	27	na	na	na	136	25
1973	2,562	781	na	558	279	27	na	na	na	146	60
1974	2,461	841	na	630	315	24	na	na	na	163	36
1975	2,381	941	na	699	350	29	na	na	na	153	41
1976	2,055	954	na	731	366	25	na	na	na	163	29
1977	2,049	1,123	na	861	431	24	na	na	na	168	48
1978	2,167	1,351	na	1,088	544	26	98	89	50	173	54
1979	2,207	1,361	na	1,089	545	35	102	90	45	213	57
1980	2,707	1,436	na	1,098	549	38	na	76	na	250	76
1981	2,968	1,576	na	1,260	630	49	na	50	na	252	59
1982	3,598	1,239	na	1,060	530	59	61	36	23	271	43
1983	4,637	1,248	na	1,019	510	44	134	29	22	268	72
1984	6,258	1,786	na	1,492	746	50	192	33	21	306	50
1985	4,147	4,448	na	4,119	2,060	82	158	55	34	336	36
1986	3,540	1,927	na	1,420	710	227	208	55	17	336	33
1987	4,245	2,084	na	1,138	569	568	320	44	14	354	49
1988	4,149	1,809	1,270	1,078	540	318	369	36	7	394	46
1989	3,788	na	1,124	na	660	184	243	26	11	435	53
1990	4,508	na	1,097	na	726	89	242	31	9	480	54

[1] Cotton data reported on a lint cotton basis.

[2] Jute (*huanghong ma*) includes ambary hemp (kenaf). It is not clear whether meng hemp (also called Indian mallow or China jute) is included in jute or in hemp (*da ma*). These statistics are on an unprocessed basis.

[3] Jute/hemp statistics in this column are on a processed basis.

[4] Other is a residual using "total (A)" from 1949–87 and "total (B)" from 1988 on. Includes sisal (*jian ma*), etc.

Sources: (9, pp. 221–223), (10, pp. 238–239), (11, pp. 267–268), (12, pp. 342–352), (30, pp. 179–180), (32, p. 247), (33, p. 197), (35, pp. 261, 269–272), (54, p.18), and (56, pp. 203, 206–207).

Table 63--Fiber crop area, China, 1949–90

Year	Cotton	Bast fibers					
		Total	Jute[1]	Ramie	Flax	Indian hemp	Other
			1,000 hectares				
1949	2,770	na	29	na	na	na	na
1950	3,786	na	49	na	na	na	na
1951	5,485	na	177	na	na	na	na
1952	5,576	na	158	45	na	na	na
1953	5,180	na	79	54	na	na	na
1954	5,462	na	72	57	na	na	na
1955	5,773	na	116	59	na	na	na
1956	6,255	na	137	84	na	na	na
1957	5,775	na	143	81	na	na	na
1958	5,556	na	119	89	na	na	na
1959	5,512	na	121	85	na	na	na
1960	5,225	na	113	71	na	na	na
1961	3,870	na	66	38	na	na	na
1962	3,497	na	62	24	na	na	na
1963	4,409	na	75	36	na	na	na
1964	4,935	na	84	42	na	na	na
1965	5,003	na	113	48	na	na	na
1966	4,925	na	175	na	na	na	na
1967	5,098	na	177	na	na	na	na
1968	4,986	na	148	na	na	na	na
1969	4,829	na	139	na	na	na	na
1970	4,997	na	135	na	na	na	na
1971	4,923	462	132	50	na	na	na
1972	4,896	504	167	40	na	na	na
1973	4,942	591	250	40	na	na	na
1974	5,013	622	287	38	na	na	na
1975	4,955	634	297	40	na	na	na
1976	4,929	671	329	39	na	na	na
1977	4,845	724	377	37	na	na	na
1978	4,867	751	412	36	53	160	90
1979	4,512	698	362	37	55	155	89
1980	4,920	666	314	44	na	na	na
1981	5,185	591	306	48	na	na	na
1982	5,829	459	246	47	55	66	45
1983	6,077	389	227	38	55	41	28
1984	6,923	486	320	39	68	36	23
1985	5,140	1,231	992	86	80	46	26
1936	4,306	762	345	272	82	46	18
1987	4,844	967	272	516	126	37	15
1988	5,535	735	277	272	147	30	10
1989	5,203	563	286	149	97	24	8
1990	5,588	495	300	81	87	21	7

[1] Jute (*huanghong ma*) includes ambary hemp (kenaf). It is not clear whether meng hemp (also known as Indian mallow or China jute) is included in jute or in hemp (*da ma*).

Sources: (9, pp. 221–223), (10, 238–239), (11, pp. 267–268), (12, pp. 342–352), (30, pp. 179–180), (32, p. 247), (33, p. 197), (35, pp. 261, 269–272), (54, p.18), and (56, pp. 203, 206–207).

Table 64--Cotton production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	16	21	22	23	52	66	24	12	3	6	8	14
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	16	21	22	23	52	66	24	12	3	6	8	14
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	548	1,271	1,321	1,798	2,718	3,816	2,340	1,930	2,534	2,451	2,204	2,352
Shandong	167	537	675	960	1,225	1,725	1,062	941	1,244	1,137	1,025	975
Hebei	116	247	222	386	750	1,050	629	511	626	577	536	571
Beijing	1	1	1	1	2	6	4	2	3	3	3	3
Tianjin	1	2	2	5	11	33	24	13	13	10	11	15
Henan	198	406	355	326	634	869	547	399	570	637	527	676
Shanxi	65	78	66	121	96	133	74	64	78	87	102	112
Northwest	157	163	181	276	204	274	236	262	341	339	357	555
Shaanxi	102	81	63	126	40	74	43	42	56	55	56	78
Gansu	2	3	4	5	7	8	5	4	5	5	5	8
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	53	79	114	146	157	192	188	216	280	278	295	469
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	788	699	861	911	1,024	1,139	776	662	711	826	704	776
Zhejiang	70	83	68	98	94	133	81	76	65	44	42	64
Jiangsu	532	418	563	575	663	666	479	401	444	552	485	464
Shanghai	89	76	74	81	77	106	49	22	15	13	8	12
Anhui	97	122	156	158	190	234	167	163	186	206	170	236
Central	586	455	494	505	531	804	655	577	554	438	430	694
Hubei	448	316	353	341	385	607	492	439	439	362	313	517
Hunan	94	96	94	98	98	128	101	83	56	44	67	120
Jiangxi	44	43	47	66	48	69	62	55	59	32	50	57
South	1	1	1	1	1	1	1	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	1	1	1	1	1	1	1	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	113	97	89	84	111	161	117	98	102	89	86	116
Sichuan	111	95	87	82	108	158	114	97	102	88	85	115
Guizhou	0	1	1	1	1	1	1	1	1	1	1	1
Yunnan	2	1	1	1	1	1	1	0	0	0	1	0
Xizang	0	0	0	0	1	1	1	0	0	0	0	0
Sum of above	2,209	2,707	2,969	3,598	4,641	6,261	4,149	3,541	4,245	4,149	3,788	4,507
SSB total	2,207	2,707	2,968	3,598	4,637	6,258	4,147	3,540	4,245	4,149	3,788	4,508

[1] Cotton production data reported on a lint cotton basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 31), (4, p. 39), (5, p. 42), (6, p. 90), (7, p. 150), (8, p. 185), (9, p. 218), (10, p. 222), (11, p. 264), (12, p. 269), and (35, p. 350).

Table 65--Cotton area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	36	38	39	46	55	73	39	18	5	10	16	19
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	36	38	39	46	55	73	39	18	5	10	16	19
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	1,888	2,147	2,325	3,015	3,369	4,184	2,989	2,452	2,882	3,385	3,175	3,295
Shandong	543	737	938	1,333	1,500	1,712	1,170	1,010	1,222	1,403	1,323	1,409
Hebei	557	549	530	695	826	1,047	850	707	825	928	878	911
Beijing	2	2	2	2	3	5	5	3	3	3	3	3
Tianjin	10	8	10	10	18	38	29	18	16	18	15	18
Henan	555	627	542	750	794	1,162	814	620	718	916	836	823
Shanxi	221	224	204	224	228	219	121	94	99	116	119	130
Northwest	418	429	498	543	535	484	355	335	420	441	454	554
Shaanxi	250	242	260	250	251	195	95	54	59	80	82	112
Gansu	7	6	6	6	7	8	6	5	5	5	5	6
Nei Monggol	0	0	0	0	0	0	0	0	0	0	1	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	161	181	232	286	277	281	254	276	356	356	367	435
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	1,072	1,165	1,218	1,223	1,201	1,254	991	816	860	958	859	947
Zhejiang	86	107	108	107	105	105	93	81	71	69	60	69
Jiangsu	588	631	663	679	677	721	592	497	545	602	535	572
Shanghai	99	104	118	108	98	94	71	32	21	16	11	13
Anhui	299	323	329	328	321	334	235	206	224	270	252	293
Central	838	880	856	844	772	753	633	560	557	604	579	645
Hubei	578	592	580	576	558	539	465	413	430	447	418	456
Hunan	161	180	171	168	131	133	102	86	64	91	94	119
Jiangxi	99	108	105	101	83	81	66	61	62	65	66	70
South	2	3	3	3	3	3	2	1	1	1	1	1
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	2	3	3	3	3	3	2	1	1	1	1	1
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	259	259	247	144	141	170	131	123	119	136	120	128
Sichuan	253	252	240	137	134	164	126	118	115	132	116	124
Guizhou	1	2	3	3	3	3	2	3	2	2	2	2
Yunnan	5	5	4	4	4	3	3	2	2	2	2	2
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	4,513	4,921	5,186	5,818	6,076	6,921	5,140	4,305	4,844	5,535	5,203	5,588
SSB total	4,512	4,920	5,185	5,829	6,077	6,923	5,140	4,306	4,844	5,535	5,203	5,588

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 31), (4, p. 39), (5, p. 42), (6, p. 90), (7, p. 150), (8, p. 185), (9, p. 218), (10, p. 222), (11, p. 264), (34, p. 359), and (35, p. 342).

Table 66--Indian hemp production, by region and province, China, selected years, 1979–90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	22	21	10	7	6	5	6	4	4	3	4
Heilongjiang	15	14	5	4	3	3	3	2	2	1	1
Liaoning	2	2	1	0	0	1	1	1	0	0	0
Jilin	5	5	3	3	3	2	3	2	2	2	2
North	34	29	11	9	10	16	19	17	13	8	6
Shandong	12	14	6	4	4	6	8	8	8	3	2
Hebei	5	5	2	2	2	3	3	2	1	1	1
Beijing	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0
Henan	12	4	1	2	2	3	4	4	3	3	2
Shanxi	5	6	2	2	2	4	4	2	1	1	1
Northwest	12	12	4	3	3	8	7	6	6	4	10
Shaanxi	2	2	1	0	0	1	1	1	1	1	1
Gansu	4	5	2	1	2	4	4	3	2	2	3
Nei Monggol	3	3	1	1	1	2	2	1	1	0	1
Ningxia	1	1	0	0	0	0	0	0	0	0	0
Xinjiang	1	1	0	0	0	0	1	2	2	1	6
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	18	11	9	7	11	22	18	14	10	9	9
Zhejiang	1	1	1	0	0	0	1	0	0	0	0
Jiangsu	5	2	4	2	4	8	4	2	1	1	1
Shanghai	0	0	0	0	0	0	0	0	0	0	0
Anhui	12	8	5	5	7	14	13	11	9	8	8
Central	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0
Hainan[2]	na	na	na	na	na	na	na	na	0	0	0
Southwest	5	4	3	3	3	3	4	3	3	3	3
Sichuan	3	2	1	1	1	1	1	1	1	1	1
Guizhou	0	0	0	0	0	0	0	0	0	0	0
Yunnan	2	2	2	2	2	2	2	2	2	2	2
Xizang	0	0	0	0	0	0	0	0	0	0	0
Sum of above	90	77	37	29	33	55	55	44	36	26	31
SSB total	90	76	36	29	33	55	55	44	36	26	31

[1] Indian hemp (*da ma*) is separate from ambary hemp (see table 68). It is not clear if meng hemp (also called Indian mallow or China jute) is included in Indian hemp or ambary hemp.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 111), (5, p. 45), (6, p. 94), (8, p. 188), (9, p. 223), (10, p. 239), (11, p. 268), (12, p. 272), (13, p. 302), and (29, p. 66).

Table 67--Indian hemp area, by region and province, China, selected years, 1979-90[1]

	1979	1982	1983	1985	1986	1987	1988	1989	1990
					1,000 hectares				
Northeast	74	36	16	9	7	5	4	3	3
Heilongjiang	51	22	8	4	3	2	2	1	1
Liaoning	5	3	1	1	1	1	1	0	0
Jilin	18	12	6	4	3	3	2	2	2
North	37	14	11	13	16	13	10	6	4
Shandong	13	5	3	4	5	5	4	2	1
Hebei	9	4	3	4	4	3	2	1	1
Beijing	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0
Henan	6	2	2	2	3	3	2	2	1
Shanxi	9	3	2	3	4	3	1	1	1
Northwest	25	7	5	6	7	6	5	4	4
Shaanxi	3	1	1	1	1	2	1	1	1
Gansu	5	2	2	3	3	2	2	2	2
Nei Monggol	12	3	2	2	2	1	1	0	1
Ningxia	2	0	0	0	0	0	0	0	0
Xinjiang	3	1	0	0	1	1	1	0	1
Qinghai	0	0	0	0	0	0	0	0	0
East	11	4	4	10	9	7	5	4	5
Zhejiang	0	1	0	0	0	0	0	0	0
Jiangsu	4	1	1	3	1	1	0	0	1
Shanghai	0	0	0	0	0	0	0	0	0
Anhui	6	3	3	7	8	6	5	4	4
Central	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0
Hainan[2]	na	na	na	na	na	na	0	0	0
Southwest	8	5	5	6	7	6	6	5	5
Sichuan	4	1	1	1	2	1	1	1	1
Guizhou	0	1	1	1	1	1	1	1	1
Yunnan	4	4	4	4	4	4	4	4	4
Xizang	0	0	0	0	0	0	0	0	0
Sum of above	155	67	41	44	46	37	30	24	21
SSB total	155	66	41	46	46	37	30	24	21

[1] Indian hemp (*da ma*) is separate from ambary hemp (see table 69). It is unclear if meng hemp (also called Indian mallow or China jute) is included in Indian hemp or in ambary hemp.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 111), (5, p. 45), (6, p. 94), (8, p. 188), (9, p. 223), (10, p. 239), (11, p. 268), (12, p. 272), and (13, p. 302).

Table 68--Jute and ambary hemp (kenaf) production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	8	2	1	1	0	0	1	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	8	2	1	1	0	0	1	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	285	302	261	227	276	306	1,169	306	274	232	194	211
Shandong	150	143	49	46	50	52	256	76	41	29	21	20
Hebei	9	10	5	7	8	11	52	28	19	24	18	18
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	1	0	0	0	0	5	2	1	2	1	2
Henan	126	148	207	173	217	243	856	200	213	177	154	171
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	2	1	0	0	0	0	1	0	0	0	0	0
Shaanxi	2	1	0	0	0	0	1	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	334	340	443	404	382	512	1,318	564	460	430	217	250
Zhejiang	156	150	177	183	176	204	250	196	162	143	66	73
Jiangsu	41	27	35	44	35	39	91	46	28	26	13	14
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	138	163	232	177	171	270	976	323	271	261	138	163
Central	106	124	177	181	172	356	971	274	215	225	142	145
Hubei	40	61	86	99	112	241	579	189	175	193	114	107
Hunan	50	42	60	59	47	98	332	48	12	11	15	19
Jiangxi	15	22	30	23	13	17	60	37	28	21	13	19
South	261	218	256	139	89	158	361	88	55	61	29	32
Guangdong	133	99	130	76	49	65	114	36	22	21	10	10
Guangxi	105	103	106	54	32	85	231	47	31	36	17	20
Fujian	23	16	20	10	8	8	16	5	2	3	2	1
Hainan[2]	na	na	na	na	na	na	na	na	na	1	0	1
Southwest	93	112	122	109	100	161	299	187	132	129	76	88
Sichuan	90	108	119	107	99	159	295	185	132	128	76	88
Guizhou	3	4	2	2	1	1	4	2	0	1	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	1,089	1,098	1,260	1,060	1,019	1,492	4,119	1,420	1,137	1,078	658	726
SSB total	1,089	1,098	1,260	1,060	1,019	1,492	4,119	1,420	1,138	1,078	660	726

[1] Jute/ambary hemp excludes Indian hemp (*da ma* [see table 66]). It is not clear whether meng hemp (also called Indian mallow or China jute) is included in Indian hemp or included in ambary hemp. Also, China began reporting jute and ambary hemp according to processed weight beginning in 1989 (see table 62 for a comparison of national processed and unprocessed jute data).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 36), (4, p. 42), (5, p. 45), (6, p. 93), (7, p. 153), (8, p. 187), (9, p. 222), (10, p. 238), (11, p. 267), (34, p. 368), and (35, p. 351).

Table 69--Jute and ambary hemp (kenaf) area, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	6	3	1	1	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	6	3	1	1	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	148	121	74	61	68	80	324	102	83	81	90	93
Shandong	80	64	22	17	16	14	80	24	13	9	10	9
Hebei	12	11	6	5	5	5	17	10	8	8	8	7
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	1	1	1	0	0	0	2	1	1	1	1	1
Henan	54	45	45	39	46	61	225	67	62	62	71	7/
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	1	0	0	0	0	0	0	0	0	0	0	0
Shaanxi	1	0	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	79	79	96	88	78	95	294	121	94	97	94	102
Zhejiang	28	31	32	31	30	31	38	31	26	25	22	23
Jiangsu	19	12	13	13	9	9	25	11	7	6	5	5
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	31	37	51	44	39	55	231	79	61	67	66	73
Central	26	26	37	34	33	60	167	49	38	42	44	42
Hubei	11	12	17	15	19	39	94	31	28	32	31	27
Hunan	9	8	10	11	9	16	56	8	3	3	6	6
Jiangxi	5	6	10	8	5	5	16	10	8	7	8	8
South	74	60	69	37	24	50	126	23	16	18	17	16
Guangdong	40	28	31	19	13	20	39	10	7	7	5	5
Guangxi	29	28	33	15	10	27	80	12	8	10	10	10
Fujian	5	4	4	3	2	2	7	1	1	1	1	1
Hainan[2]	na	na	na	na	na	na	na	na	na	1	0	0
Southwest	27	25	29	25	23	35	80	51	41	38	41	47
Sichuan	25	23	28	25	23	34	78	50	40	38	40	46
Guizhou	2	2	1	0	0	0	2	1	1	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	362	314	306	246	227	320	992	345	272	277	286	300
SSB total	362	314	306	246	227	320	992	345	272	277	286	300

[1] Jute/ambary hemp excludes Indian hemp (*da ma* [see table 67]). It is not clear whether meng hemp (also called Indian mallow or China jute) is included in Indian hemp or included in ambary hemp.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 36), (4, p. 42), (5, p. 45), (6, p. 93), (7, p. 153), (8, p. 187), (9, p. 222), (10, p. 238), (11, p. 267), (34, p. 368), and (35, p. 351).

Table 70--Sheep wool production, by region and province, China, 1982-90[1]

Region/province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Tons				
Northeast	24,011	23,084	23,397	17,839	17,314	19,140	21,860	24,718	25,904
Heilongjiang	12,879	12,736	12,919	7,564	6,542	7,086	7,474	8,503	9,614
Liaoning	6,216	5,239	5,263	5,138	5,797	6,731	7,829	8,259	7,803
Jilin	4,916	5,109	5,215	5,137	4,975	5,323	6,557	7,956	8,487
North	33,348	30,107	22,999	23,023	26,363	32,658	39,683	44,676	45,590
Shandong	10,250	9,190	7,167	7,970	10,224	13,932	17,652	20,705	21,362
Hebei	6,898	7,560	6,570	7,515	8,231	9,875	11,845	12,520	12,634
Beijing	120	141	129	135	157	195	254	292	263
Tianjin	145	195	163	180	188	217	168	364	350
Henan	11,805	9,055	5,611	4,261	4,463	4,750	5,127	5,349	5,373
Shanxi	4,130	3,966	3,360	2,962	3,100	3,689	4,637	5,446	5,608
Northwest	121,062	119,782	117,769	119,065	123,429	137,826	140,649	148,590	148,984
Shaanxi	3,500	3,478	3,100	2,726	2,926	2,886	3,523	3,723	4,006
Gansu	8,701	8,453	8,972	10,051	12,071	13,473	15,193	15,660	15,543
Nei Monggol	52,125	51,801	48,816	48,997	48,399	52,858	56,086	60,123	59,203
Ningxia	2,467	2,534	2,713	3,230	3,786	3,912	4,116	3,720	3,780
Xinjiang	37,720	37,969	38,832	39,105	41,877	44,597	46,401	48,829	49,297
Qinghai	16,549	15,549	15,338	14,956	14,370	20,100	15,330	16,535	17,155
East	9,883	8,310	6,813	5,467	5,123	5,286	5,684	5,312	5,205
Zhejiang	4,237	4,230	3,711	2,895	2,497	2,583	2,804	2,490	2,560
Jiangsu	2,407	2,006	1,429	1,379	1,552	1,328	1,641	1,866	1,853
Shanghai	145	144	118	70	87	93	78	73	79
Anhui	3,094	1,930	1,556	1,123	987	1,282	1,161	883	713
Central	194	126	75	80	88	113	98	81	99
Hubei	193	126	75	80	88	113	98	81	83
Hunan	1	0	0	0	0	0	0	0	14
Jiangxi	0	0	0	0	0	0	0	0	2
South	2	3	1	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0
Guangxi	2	3	1	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0
Southwest	13,339	12,682	11,723	12,479	12,880	13,885	13,763	13,955	13,675
Sichuan	2,544	2,494	2,340	2,396	2,404	2,554	2,487	2,539	2,739
Guizhou	392	410	448	476	510	677	996	992	821
Yunnan	2,282	1,506	1,445	1,584	1,624	1,719	1,873	1,938	1,851
Xizang	8,121	8,273	7,491	8,023	8,341	8,935	8,407	8,486	8,264
Sum of above	201,837	194,093	182,776	177,953	185,196	208,908	221,737	237,332	239,457
SSB total	202,000	194,000	183,000	177,953	185,196	208,909	221,737	237,332	239,457

[1] Sheep wool production statistics include all grades of sheep wool (*mianyangmao*), but exclude cashmere (*shanyangrong*) and mohair (*shanyangmao*). Chinese statistics generally break sheep wool down into three grades: fine, which is 60's count grade or higher; semifine, which is 36 to 58's count grade; and rough, which is below 36's count grade.

Sources: (6, p. 117), (7, p. 175), (8, p. 210), (9, p. 255), (10, p. 252), (11, p. 312), (34, p. 379), and (35, p. 362).

Table 71--Yarn, chemical fiber, and silk production, China, 1949–90

Year	Yarn[1]			Chemical fiber[2]			Silk	Wool yarn[3]
	Total	Cotton	Other	Total	Synthetic	Rayon		
				1,000 tons				
1949	327	na	na	0	0	0	2	2
1950	437	na	na	0	0	0	3	1
1951	487	na	na	0	0	0	5	1
1952	656	na	na	0	0	0	6	2
1953	745	na	na	0	0	0	7	4
1954	834	na	na	0	0	0	7	3
1955	720	na	na	0	0	0	8	4
1956	952	na	na	0	0	0	9	6
1957	844	na	na	0	0	0	10	6
1958	1,262	na	na	3	0	0	11	10
1959	1,531	na	na	5	0	5	10	9
1960	1,093	na	na	11	0	10	8	10
1961	669	na	na	5	0	5	5	5
1962	548	na	na	14	0	13	5	8
1963	678	na	na	19	1	18	5	8
1964	970	na	na	32	2	30	7	10
1965	1,300	na	na	50	5	45	9	11
1966	1,565	na	na	76	18	58	12	13
1967	1,352	na	na	52	15	37	11	11
1968	1,377	na	na	36	10	26	9	12
1969	1,805	na	na	67	21	46	13	17
1970	2,052	na	na	101	36	65	17	22
1971	1,900	na	na	120	44	76	19	24
1972	1,886	na	na	137	50	87	20	22
1973	1,967	na	na	149	57	92	21	23
1974	1,803	na	na	143	57	85	18	24
1975	2,108	na	na	155	66	89	23	27
1976	1,960	na	na	146	78	68	23	28
1977	2,230	na	na	190	106	84	27	31
1978	2,382	na	na	285	169	115	30	38
1979	2,635	na	na	326	214	113	30	44
1980	2,926	na	na	450	314	136	35	57
1981	3,170	2,203	967	527	385	143	37	77
1982	3,354	2,331	1,023	517	375	142	37	93
1983	3,271	2,273	998	541	402	139	37	102
1984	3,219	2,237	982	735	576	159	38	110
1985	3,535	2,308	1,227	948	771	177	42	126
1986	3,978	2,756	1,222	1,017	831	187	47	149
1987	4,368	3,117	1,251	1,175	982	193	52	205
1988	4,657	3,431	1,227	1,301	1,125	177	51	225
1989	4,767	3,387	1,380	1,481	1,282	199	52	250
1990	4,626	3,084	1,542	1,654	1,434	220	57	238

[1] Total yarn is the sum of cotton yarn, cotton–synthetic blended yarn, and synthetic yarn. Cotton is pure cotton yarn. Other is blended and pure sythetic yarn and is calculated as a residual. [2]Chemical fiber includes two types of fibers: synthetic fibers (*hecheng xianwei*) and viscose fibers (*nianjiao xianwei*). In 1989 and 1990, rayon data were not available and were derived as a residual. [3] Wool yarn for knitting.

Sources: (1, p. 40), (20, pp. 322–324), (30, p. 299), (33, pp. 296–306), and (35, pp. 422–432).

Table 72--Cloth, fabric, and textile goods production, China, 1949–90

Year	Cloth				Fabric				Woolen blankets
	Total	Cotton	Chemical	Blend	Silk	Wool	Ramie	Linen	
	Million linear meters								*Thousands*
1949	1,890	na	na	na	50	5	0	0	222
1950	2,520	na	na	na	52	5	0	0	485
1951	3,060	na	na	na	63	4	0	0	1,083
1952	3,830	na	na	na	65	4	0	1	717
1953	4,690	na	na	na	74	6	0	9	393
1954	5,230	na	na	na	78	8	0	12	712
1955	4,360	na	na	na	94	10	1	15	784
1956	5,770	na	na	na	119	14	2	23	920
1957	5,050	na	na	na	145	18	1	24	862
1958	6,460	na	na	na	203	27	5	26	1,429
1959	7,570	na	na	na	278	34	12	24	1,703
1960	5,450	4,990	na	na	283	36	10	25	2,060
1961	3,110	2,820	97	na	253	31	8	10	1,616
1962	2,530	2,270	107	20	225	32	5	11	1,914
1963	3,340	3,070	126	20	246	44	10	9	1,889
1964	4,710	4,380	154	na	277	48	13	12	2,080
1965	6,280	5,740	195	na	342	42	13	14	2,420
1966	7,310	6,480	222	na	379	44	10	18	2,670
1967	6,560	5,810	na	na	324	36	na	na	2,800
1968	6,430	5,600	na	na	286	40	na	na	3,000
1969	8,210	7,100	na	na	355	50	na	na	3,600
1970	9,150	7,800	na	na	432	58	na	na	4,451
1971	8,420	7,100	na	na	448	62	na	na	3,988
1972	8,350	7,000	197	657	448	60	11	15	3,828
1973	8,710	7,220	252	885	460	62	7	16	4,348
1974	8,080	6,650	294	837	422	64	4	16	4,861
1975	9,400	7,770	338	961	454	69	7	16	5,130
1976	8,840	7,170	326	1,036	460	71	8	15	5,056
1977	10,150	8,160	378	1,258	529	78	7	18	5,390
1978	11,030	8,150	468	2,023	611	89	6	19	6,250
1979	12,150	8,220	681	2,829	663	90	16	21	6,900
1980	13,470	8,710	969	3,369	759	101	20	21	8,837
1981	14,270	8,520	1,256	4,093	835	113	30	21	10,670
1982	15,350	10,120	1,018	3,777	914	127	45	21	13,788
1983	14,680	9,040	1,117	4,245	999	143	29	19	16,216
1984	13,700	7,010	1,503	4,643	1,178	180	42	21	17,454
1985	14,670	8,210	1,759	4,694	1,449	218	39	23	20,154
1986	16,470	9,910	2,026	4,541	1,499	252	47	27	24,218
1987	17,300	10,760	1,715	4,799	1,602	265	70	28	30,185
1988	18,790	11,870	1,765	5,147	1,711	286	72	31	35,156
1989	18,923	11,795	1,796	5,332	1,628	280	154	33	30,810
1990	18,876	10,820	2,438	5,621	1,712	295	71	27	22,960

Sources: (1, p. 40), (20, pp. 322–324), (30, p. 299), (33, pp. 296, 302, 306), and (35, pp. 422, 428, 432)

Table 73--Edible and industrial oilseed production, China, 1949–90

Year	Edible oilseeds							Industrial oilseeds	
	Total	Peanuts[1]	Rapeseed	Sesame-seed	Sunflower-seed	Huma	Other[2]	Tung nuts	Tea oilseeds
				1,000 tons					
1949	2,564	1,268	734	326	17	na	na	na	na
1950	2,972	1,739	683	287	na	na	na	na	na
1951	3,620	2,096	778	441	na	na	na	na	na
1952	4,193	2,316	932	481	39	na	na	435	249
1953	3,856	2,127	879	521	30	na	na	409	231
1954	4,305	2,767	878	229	55	na	na	459	383
1955	4,827	2,926	969	464	66	na	na	471	326
1956	5,086	3,336	923	297	55	na	na	493	347
1957	4,196	2,571	888	312	61	241	123	518	494
1958	4,770	2,857	999	323	130	297	164	540	576
1959	4,104	2,206	936	326	144	279	213	591	666
1960	1,941	804	746	151	48	105	87	324	340
1961	1,814	1,049	380	191	24	93	77	215	282
1962	2,003	1,100	488	255	11	73	76	183	223
1963	2,458	1,424	518	268	13	137	98	329	283
1964	3,368	1,749	939	309	na	na	na	357	232
1965	3,625	1,928	1,089	256	na	na	na	130	356
1966	na	2,315	906	290	na	na	na	264	357
1967	na	2,189	1,007	296	na	na	na	326	297
1968	na	1,917	905	244	na	na	na	367	406
1969	na	1,832	878	256	na	na	na	394	387
1970	3,772	2,148	965	263	na	na	na	357	359
1971	4,113	2,230	1,233	280	na	na	na	259	432
1972	4,118	2,092	1,397	259	na	191	na	330	527
1973	4,186	2,132	1,353	257	na	204	na	302	492
1974	4,414	2,323	1,382	226	na	226	na	375	547
1975	4,521	2,270	1,535	208	na	217	na	370	425
1976	4,008	1,873	1,348	229	na	238	na	302	201
1977	4,017	1,978	1,170	241	na	240	na	340	416
1978	5,218	2,377	1,868	322	279	226	146	391	479
1979	6,435	2,822	2,402	417	340	265	189	325	617
1980	7,691	3,600	2,384	259	910	272	266	303	490
1981	10,205	3,826	4,065	510	1,332	236	236	360	654
1982	11,817	3,916	5,656	342	1,286	336	281	339	494
1983	10,550	3,951	4,287	349	1,340	333	290	368	435
1984	11,910	4,815	4,205	476	1,704	428	282	362	536
1985	15,784	6,664	5,607	691	1,732	535	555	379	619
1986	14,738	5,882	5,881	618	1,544	485	328	346	438
1987	15,278	6,171	6,605	526	1,241	444	291	342	519
1988	13,203	5,693	5,044	404	1,180	522	360	359	463
1989	12,952	5,363	5,436	338	1,064	400	351	335	667
1990	16,132	6,368	6,958	469	1,339	535	463	351	523

[1] Peanuts are computed on a shelled, dry weight basis.
[2] Other edible oilseeds, calculated as a residual, include such miscellaneous oilseed crops as castor bean, safflowerseed, and perillaseed. Soybeans, cottonseed, and oil-bearing seeds and nuts from trees are excluded.

Sources: (2, pp. 47, 51), (3, p. 35), (4, p. 41), (5, p. 44), (6, p. 92), (7, p. 43), (13, p. 300), (26, p. 36), (27, p. 159), (30, pp. 179–180), (33, p. 197), (35, p. 345), and (56, p. 199).

Table 74---Edible oilseed area, China, 1949–90

Year	Total	Peanuts	Rapeseed	Sesame-seed	Sunflower-seed	Huma	Other[1]
				1,000 hectares			
1949	4,228	1,255	1,515	827	19	na	na
1950	4,177	1,344	1,424	759	na	na	na
1951	5,145	1,667	1,568	1,067	na	na	na
1952	5,714	1,804	1,863	1,057	40	509	441
1953	5,361	1,775	1,667	1,089	34	na	na
1954	5,766	2,097	1,707	1,044	61	na	na
1955	6,837	2,269	2,338	1,147	75	na	na
1956	6,827	2,582	2,165	945	79	na	na
1957	6,932	2,541	2,308	942	103	636	402
1958	6,357	2,271	2,288	706	143	608	341
1959	6,149	1,931	2,031	831	228	655	473
1960	6,460	1,345	2,415	763	159	669	1,108
1961	4,239	1,200	1,467	655	72	491	354
1962	4,153	1,301	1,361	716	29	422	325
1963	4,547	1,459	1,443	825	18	478	324
1964	5,273	1,802	1,789	794	na	na	na
1965	5,167	1,846	1,822	663	na	na	na
1966	na	1,917	1,748	680	na	na	na
1967	na	1,932	1,665	659	na	na	na
1968	na	1,741	1,405	622	na	na	na
1969	na	1,735	1,427	599	na	na	na
1970	4,522	1,709	1,453	555	na	na	na
1971	4,791	1,787	1,616	591	na	na	na
1972	5,297	1,878	1,967	599	na	486	na
1973	5,325	1,761	2,096	582	na	495	na
1974	5,324	1,827	2,063	536	na	492	na
1975	5,652	1,877	2,313	534	na	516	na
1976	5,783	1,841	2,346	561	na	509	na
1977	5,639	1,687	2,217	557	na	536	na
1978	6,222	1,768	2,599	638	320	573	324
1979	7,051	2,075	2,761	843	367	649	356
1980	7,928	2,339	2,844	776	845	704	420
1981	9,134	2,473	3,801	818	1,040	652	350
1982	9,343	2,416	4,122	965	814	639	388
1983	8,390	2,201	3,669	789	733	642	356
1984	8,678	2,421	3,413	858	1,013	632	341
1985	11,800	3,318	4,494	1,052	1,474	792	670
1986	11,414	3,253	4,916	1,007	1,040	746	453
1987	11,180	3,022	5,267	869	887	757	378
1988	10,619	2,977	4,936	704	830	755	417
1989	10,504	2,946	4,993	722	716	699	428
1990	10,900	2,907	5,503	669	713	703	405

[1] Other oilseeds, calculated as a residual, include such miscellaneous oilseeds as castor bean, safflowerseed, and perillaseed. Soybeans, cottonseed, and oil-bearing seeds and nuts from trees are excluded.

Sources: (11, p. 266), (30, 179–180), (33, p. 192–197), (35, p. 345), and (56, pp. 191–202).

Table 75--Peanut production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	92	150	185	187	238	339	420	233	137	141	55	148
Heilongjiang	1	3	6	4	3	2	1	2	1	1	1	1
Liaoning	87	137	170	175	227	327	403	222	130	133	46	133
Jilin	4	10	10	9	8	10	16	9	6	7	8	14
North	1,455	2,049	1,959	1,965	2,097	2,568	3,907	3,151	3,688	3,262	2,960	3,844
Shandong	1,060	1,404	1,390	1,400	1,500	1,800	2,621	2,047	2,298	1,947	1,483	2,107
Hebei	231	358	351	387	360	400	580	476	534	460	484	578
Beijing	22	26	17	18	18	23	34	27	29	26	28	30
Tianjin	7	9	8	10	7	10	19	22	22	15	19	20
Henan	134	248	185	139	202	312	603	537	763	764	894	1,060
Shanxi	2	5	7	10	10	23	50	42	42	50	52	49
Northwest	8	12	12	19	21	47	102	77	79	97	63	71
Shaanxi	7	12	12	18	20	46	101	76	78	96	62	70
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	1	1	1	1	1	1	1	1	1	1	1
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	259	324	465	384	384	431	594	658	613	655	597	577
Zhejiang	12	13	13	11	7	9	11	12	15	14	14	14
Jiangsu	115	123	204	231	222	242	341	365	337	353	312	301
Shanghai	0	0	0	0	0	0	0	0	0	1	1	0
Anhui	131	188	248	143	155	180	242	281	260	288	270	262
Central	170	152	161	166	164	209	310	381	398	353	393	376
Hubei	66	59	61	62	61	88	135	152	146	125	142	128
Hunan	43	43	43	41	41	47	72	93	94	90	100	96
Jiangxi	61	51	57	63	62	74	103	136	158	138	151	152
South	691	760	883	987	816	924	989	1,034	918	859	965	1,024
Guangdong	429	520	595	651	511	569	570	603	535	518	554	579
Guangxi	145	129	131	162	175	208	220	228	178	166	221	242
Fujian	117	112	157	174	130	147	164	162	163	135	148	160
Hainan[2]	na	na	na	na	na	na	35	41	41	39	42	43
Southwest	149	153	161	207	230	299	342	349	337	326	326	326
Sichuan	118	121	123	163	187	244	273	270	271	267	270	269
Guizhou	15	13	12	14	17	24	33	45	37	31	29	28
Yunnan	16	18	26	30	26	31	36	34	29	28	29	29
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	2,822	3,600	3,826	3,916	3,950	4,817	6,664	5,883	6,171	5,693	5,361	6,366
SSB total	2,822	3,600	3,826	3,916	3,951	4,815	6,664	5,882	6,171	5,693	5,363	6,368

[1] Peanut production is calculated on a shelled, dry weight basis.
[2] Hainan data available beginning in 1985--prior years, included in Guangdong.

Sources: (3, p. 33), (4, p. 40), (5, p. 43), (6, p. 91), (7, p. 151), (8, p. 185), (9, p. 219), (10, p. 236), (33, p. 265), (34, p. 368), (35, p. 351), and (53, p. 159).

Table 76--Peanut area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	88	108	122	132	116	152	266	170	92	88	89	84
Heilongjiang	2	3	6	4	3	1	1	1	1	0	1	0
Liaoning	83	98	107	122	106	144	252	162	87	84	83	78
Jilin	3	8	10	6	7	7	13	7	4	4	5	6
North	931	1,099	1,160	1,068	1,015	1,094	1,661	1,621	1,530	1,526	1,516	1,494
Shandong	562	624	669	624	598	632	919	850	766	744	732	712
Hebei	196	237	262	269	248	240	332	340	310	301	302	296
Beijing	22	19	18	15	14	13	15	15	13	12	12	11
Tianjin	9	7	9	9	8	7	10	12	11	10	9	9
Henan	140	207	196	145	141	191	361	379	409	434	435	441
Shanxi	2	4	6	6	6	11	24	25	22	25	26	25
Northwest	6	9	11	10	12	20	48	40	36	43	47	40
Shaanxi	6	9	10	10	11	20	48	40	36	42	46	40
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	1	0	1	0	1	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	179	239	267	267	201	218	279	285	263	263	250	234
Zhejiang	6	9	9	8	6	6	7	8	8	9	9	8
Jiangsu	78	84	109	131	94	100	134	136	125	121	116	109
Shanghai	0	0	0	0	0	0	0	0	0	1	0	1
Anhui	96	146	149	128	101	112	138	141	130	132	124	116
Central	127	133	128	121	119	133	183	217	223	227	230	229
Hubei	36	41	37	34	34	43	66	71	65	65	66	64
Hunan	44	45	42	37	36	38	53	66	67	69	72	73
Jiangxi	46	48	49	50	49	52	64	80	90	93	92	92
South	620	627	650	667	589	623	659	689	660	615	605	618
Guangdong	387	405	430	432	364	385	363	374	355	332	324	324
Guangxi	154	142	134	144	146	157	171	184	174	157	157	167
Fujian	80	81	86	91	79	81	87	90	92	90	87	88
Hainan[1]	*na*	*na*	*na*	*na*	*na*	*na*	38	41	39	37	36	38
Southwest	124	123	135	152	151	180	222	232	220	215	210	208
Sichuan	86	87	95	110	110	134	163	168	158	157	153	151
Guizhou	16	12	13	13	13	17	26	31	31	29	27	26
Yunnan	22	23	27	29	28	29	33	33	31	30	30	31
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	2,074	2,339	2,472	2,417	2,203	2,420	3,318	3,254	3,022	2,977	2,946	2,907
SSB total	2,075	2,339	2,472	2,416	2,201	2,421	3,318	3,253	3,022	2,977	2,946	2,907

[1] Hainan data available beginning in 1985--prior years, included in Guangdong.

Sources: (3, p. 33), (4, p. 40), (5, p. 43), (6, p. 91), (7, p. 151), (8, p. 185), (9, p. 219), (10, p. 236), (33, p. 265), (34, p. 360), (35, p. 343), and (53, p. 158).

Table 77--Rapeseed production, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	11	6	3	2	4	2	6	12	42	38	51	70
Heilongjiang	1	2	0	1	4	2	6	12	42	38	51	70
Liaoning	10	4	3	1	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	166	153	230	280	238	138	236	349	506	135	249	356
Shandong	18	7	17	13	8	3	2	4	25	18	7	6
Hebei	13	9	10	6	15	9	14	7	13	24	5	23
Beijing	1	1	1	1	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	129	134	196	252	204	120	213	316	453	86	226	319
Shanxi	6	3	6	8	11	6	7	22	15	7	11	8
Northwest	223	253	305	320	307	324	451	487	540	425	507	593
Shaanxi	73	77	136	119	123	115	164	180	198	93	199	193
Gansu	22	33	31	45	54	61	71	81	90	86	104	117
Nei Monggol	25	18	22	30	15	30	46	23	22	32	17	44
Ningxia	0	1	1	0	1	2	1	1	0	0	0	0
Xinjiang	47	56	54	54	44	43	73	102	130	114	84	122
Qinghai	56	68	61	73	70	73	96	100	100	101	103	117
East	853	843	1,608	2,277	1,645	1,608	2,390	2,258	2,555	1,730	1,878	2,417
Zhejiang	254	272	383	371	288	327	426	413	377	414	366	467
Jiangsu	260	203	431	680	509	454	731	789	863	624	677	814
Shanghai	118	96	147	167	101	116	154	149	162	190	150	182
Anhui	221	272	647	1,059	747	711	1,079	907	1,153	502	685	954
Central	478	331	645	995	766	820	911	996	1,077	1,049	1,221	1,701
Hubei	149	116	223	427	316	344	411	471	476	426	526	709
Hunan	229	144	306	409	309	331	343	368	430	448	496	621
Jiangxi	101	72	116	160	141	145	157	157	172	175	199	371
South	25	29	39	39	21	20	20	22	20	22	25	22
Guangdong	7	7	9	9	4	6	7	8	5	6	7	2
Guangxi	3	2	5	5	4	4	4	5	4	3	5	5
Fujian	15	20	25	25	13	10	9	9	11	13	13	15
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	646	769	1,235	1,744	1,307	1,294	1,593	1,756	1,866	1,645	1,505	1,798
Sichuan	522	582	833	1,177	930	924	1,228	1,310	1,335	1,184	1,128	1,279
Guizhou	89	135	318	456	261	273	279	367	419	362	293	405
Yunnan	27	42	73	100	106	84	72	67	100	86	67	97
Xizang	8	11	12	11	10	13	14	12	12	14	17	17
Sum of above	2,402	2,384	4,065	5,656	4,288	4,206	5,607	5,880	6,605	5,044	5,436	6,957
SSB total	2,402	2,384	4,065	5,656	4,287	4,205	5,607	5,881	6,605	5,044	5,436	6,958

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 34), (4, p. 40), (5, p. 43), (6, p. 91), (7, p. 151), (8, p.186), (31, p. 219), (32, p. 237), (33, p. 265), (34, p. 366), and (35, p. 351).

Table 78--Rapeseed area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	29	16	9	9	8	9	20	30	54	81	58	66
Heilongjiang	4	4	2	7	8	9	20	30	54	81	58	66
Liaoning	25	12	7	2	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	233	257	298	233	204	145	209	306	346	397	293	267
Shandong	18	10	17	11	7	1	1	3	13	35	8	5
Hebei	17	16	15	7	16	16	22	23	27	36	27	28
Beijing	2	2	3	3	1	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	187	222	256	206	173	122	180	260	291	312	247	226
Shanxi	9	7	7	6	7	6	6	20	16	14	10	8
Northwest	346	390	424	394	381	366	453	505	525	482	454	505
Shaanxi	76	90	125	97	106	97	114	150	152	111	120	132
Gansu	35	37	41	53	56	58	66	76	82	79	80	86
Nei Monggol	71	78	81	78	68	69	88	67	66	73	48	60
Ningxia	1	1	2	3	5	5	4	3	0	0	0	0
Xinjiang	95	107	101	88	71	61	90	113	127	118	101	117
Qinghai	69	75	75	76	75	76	91	96	98	102	106	110
East	691	750	1,136	1,305	1,154	1,022	1,565	1,603	1,792	1,439	1,560	1,598
Zhejiang	183	231	284	241	229	214	274	281	264	261	268	290
Jiangsu	199	170	286	353	314	250	443	476	496	406	459	441
Shanghai	51	52	72	72	56	51	70	78	80	85	92	93
Anhui	258	298	493	639	555	507	778	768	952	688	740	774
Central	710	647	882	1,007	936	878	948	1,108	1,149	1,179	1,336	1,716
Hubei	190	175	259	356	333	311	361	437	431	419	452	550
Hunan	306	254	370	395	357	329	341	398	415	459	525	625
Jiangxi	214	218	252	257	246	238	246	273	303	300	359	541
South	76	73	83	78	53	47	45	45	54	47	46	51
Guangdong	23	22	24	26	16	19	19	20	19	17	17	15
Guangxi	9	6	12	11	9	8	9	9	9	8	10	14
Fujian	43	45	46	41	28	20	17	16	26	22	20	22
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	677	711	969	1,096	933	945	1,255	1,317	1,347	1,311	1,245	1,300
Sichuan	400	431	577	638	545	570	840	847	835	813	798	839
Guizhou	181	190	284	336	275	272	317	369	412	397	361	369
Yunnan	85	79	97	111	102	92	88	92	92	90	75	81
Xizang	10	12	11	11	11	11	10	9	9	10	11	11
Sum of above	2,761	2,844	3,801	4,122	3,669	3,412	4,495	4,914	5,267	4,936	4,993	5,503
SSB total	2,761	2,844	3,801	4,122	3,669	3,413	4,494	4,916	5,267	4,936	4,993	5,503

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 34), (4, p. 40), (5, p. 43), (6, p. 91), (7, p. 151), (8, p.186), (31, p. 219), (32, p. 237), (33, p. 265), (34, p. 360), and (35, p. 343).

Table 79--Sesameseed production, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	3	5	8	21	32	33	44	9	3	1	1	3
Heilongjiang	0	0	1	2	1	0	0	0	0	0	0	0
Liaoning	3	4	7	19	30	33	44	9	3	1	1	3
Jilin	0	1	1	0	1	0	0	0	0	0	0	0
North	137	135	226	106	158	171	246	222	228	158	118	203
Shandong	11	17	13	12	10	15	31	19	15	9	7	7
Hebei	17	32	28	36	31	49	51	45	45	21	25	27
Beijing	1	1	1	1	1	1	1	1	1	1	1	0
Tianjin	1	3	2	3	3	7	6	5	5	2	3	3
Henan	106	80	177	50	109	93	145	137	149	110	64	143
Shanxi	1	2	3	5	4	6	12	15	13	15	18	23
Northwest	5	4	3	3	2	11	23	10	13	11	8	15
Shaanxi	4	3	3	2	1	2	4	6	11	10	7	9
Gansu	0	0	0	0	0	0	1	0	0	0	0	0
Nei Monggol	0	0	0	0	0	9	17	3	2	1	1	3
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	1	1	1	1	1	0	1	1	0	0	0	3
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	97	38	102	59	66	89	150	141	105	99	69	83
Zhejiang	4	3	4	4	2	3	5	4	4	3	3	3
Jiangsu	5	1	4	6	4	9	12	11	8	8	7	7
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	89	34	94	48	60	77	133	126	93	89	59	73
Central	154	50	139	128	72	151	214	223	163	122	128	147
Hubei	105	31	107	85	44	120	178	191	131	103	97	117
Hunan	11	4	6	7	3	5	7	8	5	3	4	4
Jiangxi	38	15	25	37	25	26	29	24	28	16	27	26
South	11	12	14	13	11	11	8	7	9	8	8	13
Guangdong	5	5	6	5	4	4	3	4	5	2	2	7
Guangxi	4	5	5	6	6	6	4	3	3	3	3	3
Fujian	2	2	2	1	1	1	1	0	0	1	0	1
Hainan[1]	na	na	na	na	na	na	na	na	na	3	3	2
Southwest	11	15	18	12	6	8	6	5	5	4	4	3
Sichuan	10	14	16	11	6	7	6	5	5	4	4	3
Guizhou	0	0	1	1	0	0	0	0	0	0	0	0
Yunnan	0	1	1	1	0	1	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	417	259	510	342	347	474	691	617	526	404	336	467
SSB total	417	259	510	342	349	476	691	617	526	404	338	469

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 35), (4, p. 40), (5, p. 43), (6, p. 92), (7, p. 152), (8, p. 186), (9, p. 220), (10, p. 237), (11, p. 266), (34, p. 368), (35, p. 351), and (53, p. 159).

Table 80--Sesameseed area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	11	14	15	37	41	53	93	23	7	3	5	5
Heilongjiang	0	0	1	2	2	0	0	0	0	0	0	0
Liaoning	10	12	13	34	38	53	93	23	7	3	5	5
Jilin	1	1	2	1	1	0	0	0	0	0	0	0
North	381	374	383	460	386	391	442	438	410	325	335	312
Shandong	23	27	22	18	14	20	36	22	16	11	9	9
Hebei	40	52	53	69	64	85	123	105	91	83	64	60
Beijing	3	3	3	3	2	2	3	2	2	1	1	1
Tianjin	6	5	6	6	6	10	13	9	7	6	5	5
Henan	305	280	291	356	293	265	252	280	276	206	232	208
Shanxi	4	6	9	8	7	9	15	20	19	19	24	30
Northwest	11	12	11	10	7	27	45	23	19	17	20	21
Shaanxi	10	10	9	8	6	5	7	10	14	14	14	14
Gansu	0	0	0	0	0	0	1	0	0	0	0	0
Nei Monggol	0	0	0	0	0	21	36	12	5	3	7	6
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	2	2	1	1	1	1	1	1	1	0	0	1
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	164	131	138	163	122	136	187	207	174	135	132	115
Zhejiang	4	6	5	5	3	4	5	5	5	4	4	4
Jiangsu	11	5	6	10	6	10	13	11	8	7	6	6
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	149	120	127	148	113	122	169	191	161	124	122	105
Central	213	183	206	233	183	204	244	280	226	195	201	186
Hubei	128	114	135	157	120	140	173	208	162	141	139	127
Hunan	16	11	11	11	6	7	9	11	7	6	5	5
Jiangxi	69	59	60	65	57	57	62	61	57	48	56	54
South	40	39	41	41	35	32	26	23	23	21	21	22
Guangdong	22	19	21	19	15	11	10	9	12	3	4	4
Guangxi	15	17	17	19	18	19	14	13	11	9	11	11
Fujian	3	4	3	3	2	2	2	1	1	2	1	1
Hainan[1]	na	na	na	na	na	na	na	na	na	7	7	7
Southwest	22	23	23	21	15	15	13	12	10	8	7	7
Sichuan	21	21	20	18	13	13	11	10	9	7	6	6
Guizhou	1	1	1	1	1	1	1	1	1	1	1	1
Yunnan	1	2	2	1	1	1	1	1	1	1	1	1
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	843	776	818	965	789	858	1,050	1,006	869	704	722	669
SSB total	843	776	818	965	789	858	1,052	1,007	869	704	722	669

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 35), (4, p. 40), (5, p. 43), (6, p. 92), (7, p. 152), (8, p. 186), (9, p. 220), (10, p. 237), (11, p. 266), (12, p. 271), and (13, p. 300).

Table 81---Sunflowerseed production, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	219	577	819	701	677	840	679	551	413	366	315	436
Heilongjiang	49	235	400	413	289	246	252	164	65	70	65	80
Liaoning	66	131	122	50	48	56	77	76	54	29	20	34
Jilin	104	210	297	238	340	538	350	311	294	267	230	322
North	22	76	133	140	139	283	312	219	196	234	157	233
Shandong	1	2	1	1	1	1	0	0	0	0	0	0
Hebei	7	27	48	48	36	76	111	65	68	93	33	70
Beijing	2	2	2	1	1	1	0	0	0	0	0	0
Tianjin	5	14	31	30	19	37	36	29	24	18	21	22
Henan	0	0	0	0	0	0	0	0	1	1	1	1
Shanxi	7	31	49	60	82	168	165	125	103	122	102	140
Northwest	91	246	364	429	510	564	723	757	619	569	579	658
Shaanxi	0	0	0	0	5	14	13	14	10	21	15	19
Gansu	10	27	27	20	23	30	37	39	30	27	24	29
Nei Monggol	51	165	237	320	387	421	494	484	386	350	379	419
Ningxia	1	8	8	6	7	7	10	11	10	10	10	9
Xinjiang	29	46	92	83	88	92	169	209	183	161	151	182
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0	0
Central	1	1	1	1	1	1	1	1	1	1	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	1	1	1	1	1	1	1	1	1	1	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	7	10	14	16	13	17	16	15	12	10	12	12
Sichuan	1	2	3	4	3	4	4	4	3	3	4	4
Guizhou	5	6	7	7	6	6	5	5	5	4	4	4
Yunnan	1	2	4	5	4	7	7	6	4	3	4	4
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	340	910	1,331	1,287	1,340	1,705	1,731	1,543	1,241	1,180	1,064	1,339
SSB total	340	910	1,332	1,286	1,340	1,704	1,732	1,544	1,241	1,180	1,064	1,339

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 35), (4, p. 41), (5, p. 44), (6, p.92), (7, p. 152), (8, p. 187), (9, p. 221), (10, p. 238), (11, p. 266), (12, p. 271), and (13, p. 301).

Table 82--Sunflowerseed area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	235	510	648	445	370	495	712	400	318	285	231	222
Heilongjiang	54	192	267	216	190	206	338	138	106	74	62	65
Liaoning	88	170	185	78	47	49	78	81	50	43	37	38
Jilin	93	148	196	151	133	240	296	181	161	168	132	119
North	24	82	118	108	104	191	293	197	190	212	175	178
Shandong	1	3	2	1	1	1	0	0	0	0	0	0
Hebei	7	33	44	38	33	68	102	65	69	80	67	62
Beijing	2	2	3	2	1	0	0	0	0	0	0	0
Tianjin	5	12	22	22	17	24	33	19	17	19	17	15
Henan	0	0	0	0	0	0	0	0	1	1	1	1
Shanxi	8	33	47	45	52	98	158	113	103	113	91	100
Northwest	97	238	256	243	243	309	451	425	366	321	298	302
Shaanxi	0	0	0	0	5	12	19	14	13	20	18	18
Gansu	8	16	14	11	9	11	13	13	11	12	9	10
Nei Monggol	57	163	143	150	154	215	301	258	223	190	177	172
Ningxia	2	10	8	5	5	5	7	6	6	6	6	6
Xinjiang	30	50	91	77	70	66	111	134	113	93	88	96
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0	0
Central	2	1	1	1	1	1	1	1	1	1	0	1
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	2	1	1	1	1	1	1	1	1	1	0	1
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	10	13	16	18	15	15	16	15	13	11	11	10
Sichuan	2	2	3	4	3	3	4	3	3	2	3	3
Guizhou	7	10	11	11	10	9	8	9	8	7	7	6
Yunnan	1	1	2	3	2	3	4	3	3	2	2	2
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	369	845	1,039	815	733	1,011	1,473	1,038	887	830	716	713
SSB total	367	845	1,040	814	733	1,013	1,474	1,040	887	830	716	713

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 35), (4, p. 41), (5, p. 44), (6, p.92), (7, p. 152), (8, p. 187), (9, p. 221), (10, p. 238), (11, p. 266), (12, p. 271), and (13, p. 301).

Table 83--Total edible vegetable oil production, by region and province, China, 1985-90[1]

Region/province	1985	1986	1987	1988	1989	1990
			1,000 tons			
Northeast	562	613	642	700	767	783
Heilongjiang	250	274	272	313	364	369
Liaoning	160	179	192	194	205	198
Jilin	151	159	178	193	199	216
North	937	967	1,061	1,242	1,287	1,380
Shandong	453	459	503	594	659	728
Hebei	267	220	226	221	222	229
Beijing	11	20	23	27	24	26
Tianjin	9	12	14	15	19	23
Henan	153	213	244	319	291	319
Shanxi	45	43	50	65	72	54
Northwest	356	414	435	422	480	542
Shaanxi	70	66	79	73	71	87
Gansu	67	66	74	74	132	87
Nei Monggol	82	110	108	102	99	167
Ningxia	15	9	11	8	18	22
Xinjiang	101	130	139	136	131	153
Qinghai	22	32	25	29	28	27
East	972	1,113	1,241	1,175	1,109	1,271
Zhejiang	165	193	195	198	159	188
Jiangsu	413	456	500	480	465	535
Shanghai	108	130	138	140	133	134
Anhui	286	333	408	357	351	415
Central	509	552	613	546	582	679
Hubei	249	302	321	272	305	345
Hunan	161	163	208	190	186	209
Jiangxi	99	87	84	84	91	126
South	173	174	146	153	169	169
Guangdong	95	110	90	96	107	98
Guangxi	49	32	30	29	31	46
Fujian	28	32	27	26	28	25
Hainan[2]	na	na	na	3	3	1
Southwest	495	597	643	563	562	617
Sichuan	407	476	501	435	429	482
Guizhou	61	93	110	98	110	107
Yunnan	25	25	30	28	21	26
Xizang	3	4	2	2	2	2
Sum of above	4,005	4,428	4,780	4,801	4,955	5,441
SSB total	4,005	4,428	4,780	4,801	4,955	5,441

[1] Edible vegetable oil (*shiyong zhiwu you*) includes peanut, rapeseed, sunflowerseed, sesameseed, and huma oils. It also includes oils from soybeans, rice bran, and corn, even though these would be excluded from the PRC definition of total oilseeds. Some portion of cottonseed oil is also included. Although these data are called total production, they are likely only production by MOC (Grain Bureau) operated oil mills and failed to capture many of the small pressing operations in rural areas.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 306), (31, p. 291), (32, p. 354), (33, p. 309), (34, p. 465), and (35, p. 434).

Table 84--Town and township enterprise edible vegetable oil production, by region and province, China, selected years, 1980-90[1]

Region/province	1980[2]	1982[2]	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 tons					
Northeast	48	69	77	92	97	133	154	173	198	166
Heilongjiang	28	32	40	41	46	60	58	76	75	72
Liaoning	10	23	26	34	32	51	61	52	74	44
Jilin	10	14	11	16	19	22	35	45	49	50
North	196	264	322	324	334	324	593	713	800	1,330
Shandong	130	158	174	207	213	212	296	377	407	393
Hebei	25	39	51	52	74	55	108	106	150	727
Beijing	0	0	0	0	0	0	0	0	1	1
Tianjin	0	0	0	0	1	1	1	2	4	7
Henan	30	49	75	41	31	39	149	183	155	159
Shanxi	11	18	22	24	15	17	38	46	84	44
Northwest	32	55	46	43	51	44	121	162	124	185
Shaanxi	9	21	19	15	16	11	23	25	26	31
Gansu	2	4	5	5	12	8	29	37	32	39
Nei Monggol	12	14	11	9	12	8	24	34	10	38
Ningxia	1	6	3	0	1	0	1	16	19	24
Xinjiang	7	10	8	9	9	15	36	41	28	40
Qinghai	1	0	1	4	2	2	8	9	10	12
East	155	236	207	207	206	189	295	292	260	353
Zhejiang	5	12	21	18	22	26	23	19	18	20
Jiangsu	40	64	58	61	66	27	94	76	84	119
Shanghai	0	0	0	3	4	13	11	13	7	16
Anhui	110	160	127	125	115	123	166	185	151	199
Central	188	277	230	220	254	240	309	307	386	355
Hubei	58	80	79	72	90	89	114	109	123	125
Hunan	56	123	94	89	108	93	139	144	201	157
Jiangxi	74	74	57	59	56	58	56	53	61	73
South	48	61	45	39	51	57	91	166	120	145
Guangdong	39	46	33	30	37	46	72	67	73	75
Guangxi	2	3	5	2	4	4	9	82	22	48
Fujian	7	12	7	7	11	7	10	16	24	21
Hainan[3]	na	na	na	na	na	na	na	1	1	1
Southwest	182	271	218	198	199	222	261	194	162	190
Sichuan	172	238	190	191	192	214	235	174	157	171
Guizhou	8	28	25	3	6	6	22	15	2	19
Yunnan	2	5	3	3	2	2	4	4	2	0
Xizang	0	0	0	0	0	0	0	0	0	0
Sum of above	849	1,234	1,147	1,122	1,193	1,209	1,823	2,007	2,050	2,725

[1] Edible vegetable oil (*shiyong zhiwu you*) includes peanut, rapeseed, sunflowerseed, sesameseed, and huma oils. It also includes oils from soybeans, rice bran, and corn, even though these would be excluded from the PRC definition of total oilseeds. Some portion of cottonseed oil is also included.

[2] For 1981 and 1982, the rural industrial sector was identified as commune and brigade level units, rather than the post-1982 designation of township (town)-level industry.

[3] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (5, p. 88), (6, p. 127), (7, p. 185), (8, p. 234), (10, p. 329), (11, p. 363), (12, p. 348), (13, p. 374), (39, p. 118), and (41, p. 112).

Table 85--State procurement of edible vegetable oil and natural fibers, China, 1952-90[1]

Year	Edible oil[2]		Cotton[3]		Jute	Ramie	Silkworm cocoons	
	Cal yr	Mkt yr	Cal yr	Mkt yr	Cal yr	Cal yr	Mulberry Cal yr	Tussah Cal yr
				1,000 tons				
1952	980	na	1,087	1,097	114	32	46	51
1953	1,085	1,165	1,032	1,012	61	36	38	9
1954	1,528	1,475	871	830	60	36	49	20
1955	1,746	1,580	1,307	1,282	108	36	54	55
1956	1,451	1,385	1,111	1,084	116	35	58	47
1957	1,338	1,345	1,412	1,419	133	36	51	32
1958	1,184	1,240	1,484	1,798	103	38	58	29
1959	1,563	1,450	1,815	1,473	101	32	58	27
1960	830	775	1,005	962	83	23	54	15
1961	571	595	660	651	59	13	33	5
1962	523	485	632	661	63	14	33	8
1963	670	640	1,072	1,070	92	17	37	28
1964	923	945	1,546	1,521	108	19	48	40
1965	1,036	1,059	1,956	2,021	132	24	63	37
1966	953	1,055	2,131	2,189	159	23	75	52
1967	974	945	2,141	2,141	189	28	79	29
1968	899	895	2,141	2,133	187	29	101	32
1969	861	825	1,904	1,859	169	31	107	27
1970	890	895	2,030	2,042	149	27	116	35
1971	959	970	1,913	1,899	146	24	116	25
1972	900	900	1,788	1,789	177	26	132	21
1973	958	945	2,408	2,379	273	26	142	56
1974	949	980	2,245	2,293	304	22	157	32
1975	1,003	999	2,227	2,210	351	26	148	37
1976	884	828	1,886	1,917	346	22	159	26
1977	868	875	1,980	1,927	416	22	163	47
1978	1,105	1,155	2,096	2,043	534	23	171	55
1979	1,505	1,530	2,081	2,159	556	32	209	57
1980	1,910	1,953	2,610	2,681	544	38	243	72
1981	2,720	2,791	2,872	2,910	612	46	221	62
1982	3,080	3,080	3,146	3,497	600	56	259	59
1983	2,730	2,625	4,586	4,481	480	39	237	80
1984	3,140	3,225	5,212	6,001	700	42	302	48
1985	4,098	3,958	4,319	3,550	1,203	72	361	24
1986	4,270	4,133	3,794	3,255	1,105	157	356	22
1987[4]	4,411	4,476	4,071	3,910	829	301	350	36
1988	3,953	na	3,778	na	706	289	326	19
1989	3,807	na	3,306	na	734	178	367	46
1990	4,703	na	4,091	na	813	109	420	28

[1] These procurement numbers are total national (society) procurement rather than the slightly smaller supply and marketing cooperative procurement numbers available in both the *China Statistical Yearbook* and the *China Commerce Yearbook*.

[2] Edible vegetable oil marketing year is April-March.

[3] Cotton marketing year is September-August.

[4] Marketing year cotton procurement for 1987 is a preliminary State Statistical Bureau (SSB) estimate.

Sources: (32, p. 700), (33, pp. 613-614, 616), (35, pp. 587-588), (56, pp. 400-405).

Chapter 4

China's Economic and Other Crop Statistics

This chapter includes national-level statistics on China's production, area, and procurement of sugarcane, sugarbeet, tea, and fruit production by crop. In addition, this chapter includes provincial-level statistics on the production and area of tobacco, sugarbeet, sugarcane, apples, bananas, citrus, pears, grapes, persimmon, forage crop, green manure, and vegetables.

Table 86--Sugar, sugarcane, and sugarbeet output and state procurement, China, 1949-90

Year	Sugar output[1]	Sugarcane[2]			Sugarbeet[3]		
		Output	Procured[4]	Share	Output	Procured[4]	Share
	1,000 tons			Percent	1,000 tons		Percent
1949	200	2,642	na	na	191	na	na
1950	240	3,133	na	na	245	na	na
1951	300	4,629	na	na	360	na	na
1952	450	7,116	3,697	52	479	390	81
1953	640	7,209	4,204	58	505	441	87
1954	690	8,592	4,573	53	989	917	93
1955	720	8,110	3,952	49	1,596	1,282	80
1956	810	8,655	4,115	48	1,646	1,168	71
1957	860	10,392	5,570	54	1,501	1,304	87
1958	900	12,553	5,967	48	3,078	1,200	39
1959	110	8,979	6,738	75	3,168	1,748	55
1960	440	8,258	4,020	49	1,597	678	42
1961	390	4,268	2,780	65	797	181	23
1962	340	3,443	2,938	85	339	183	54
1963	440	7,801	3,330	43	519	450	87
1964	1,070	12,161	5,531	45	1,304	1,303	100
1965	1,460	13,391	10,714	80	1,984	1,787	90
1966	1,590	11,408	9,126	80	2,627	2,364	90
1967	1,480	12,640	10,113	80	2,601	2,341	90
1968	1,510	10,341	8,273	80	2,155	1,940	90
1969	1,210	10,497	8,995	86	2,386	2,171	91
1970	1,350	13,457	11,047	82	2,103	1,986	94
1971	1,410	13,139	10,140	77	2,125	1,987	94
1972	1,550	16,416	14,067	86	2,322	2,109	91
1973	1,910	16,965	14,730	87	2,678	2,385	89
1974	1,840	16,432	13,289	81	2,289	2,209	97
1975	1,740	16,667	13,150	79	2,476	2,229	90
1976	1,650	16,631	12,975	78	2,932	2,804	96
1977	1,820	17,752	13,532	76	2,456	2,154	88
1978	2,270	21,116	15,579	74	2,702	2,553	94
1979	2,500	21,508	16,336	76	3,106	2,702	87
1980	2,570	22,807	15,840	69	6,305	5,541	88
1981	3,170	29,668	17,261	58	6,360	5,729	90
1982	3,380	36,882	22,487	61	6,712	6,109	91
1983	3,770	31,141	28,053	90	9,182	8,263	90
1984	3,800	39,519	26,509	67	8,284	7,864	95
1985	4,510	51,549	36,875	72	8,919	8,064	90
1986	5,250	50,219	34,663	69	8,306	7,516	90
1987	5,060	47,363	34,975	74	8,140	7,651	94
1988	4,610	49,064	36,010	73	12,810	11,688	91
1989	5,010	48,795	33,959	70	9,243	7,763	84
1990	5,820	57,620	46,190	80	14,525	14,028	97

[1] Includes processed cane and beet sugar. Although not confirmed, some analysts believe these data are on a refined basis and include some brown sugar. [2] Sugarbeet data are on a beet weight basis. [3] Sugarcane data are on a cane weight basis. Harvesting, carried out from the winter of the first calendar year to the spring of the next, is included in the first year. [4] On a calendar year basis.

Sources: (27, p. 390) and (35, pp. 345, 348, 423, 587).

Table 87--Tea and tobacco production and state procurement, China, 1949-90

Year	Production[1]			Procurement[2]		Share of production	
	Tea	Tobacco leaf		Tea	Flue-cured tobacco	Tea	Flue-cured tobacco
		Total	Flue cured				
	1,000 tons					*Percent*	
1949	41	na	43	na	na	na	na
1950	65	na	57	na	na	na	na
1951	79	na	242	na	na	na	na
1952	82	na	222	77	191	94	86
1953	85	na	213	75	227	88	107
1954	92	na	232	86	219	93	94
1955	108	na	298	102	299	94	100
1956	120	na	399	113	352	94	88
1957	112	na	256	100	286	89	112
1958	135	na	387	120	277	89	72
1959	152	na	331	140	412	92	124
1960	136	na	186	125	170	92	91
1961	79	na	95	70	102	89	106
1962	74	na	129	68	124	92	96
1963	84	na	234	80	228	95	97
1964	92	na	324	88	310	96	96
1965	101	na	372	94	343	93	92
1966	106	na	576	99	518	93	90
1967	113	na	567	106	622	94	110
1968	118	na	441	105	456	89	103
1969	122	na	445	113	422	93	95
1970	136	na	399	127	411	93	103
1971	153	na	458	144	430	94	94
1972	170	na	523	159	544	94	104
1973	182	na	613	169	604	93	99
1974	198	na	588	180	588	91	100
1975	211	na	701	194	683	92	97
1976	233	na	837	215	801	92	96
1977	252	na	971	229	952	91	98
1978	268	1,242	1,052	243	1,053	91	100
1979	277	941	806	242	790	87	98
1980	304	845	717	262	698	86	97
1981	343	1,497	1,279	323	1,259	94	98
1982	397	2,179	1,648	353	1,761	89	95
1983	401	1,381	1,151	339	1,104	85	96
1984	414	1,789	1,543	344	1,488	83	96
1985	432	2,425	2,075	395	1,779	91	86
1986	461	1,707	1,374	418	1,232	91	90
1987	508	1,943	1,636	489	1,398	96	85
1988	545	2,734	2,337	556	2,113	102	90
1989	535	2,830	2,405	534	2,048	100	85
1990	540	2,627	2,259	492	1,943	91	86

[1] Tea and tobacco production is on a dry weight basis.
[2] Calendar year procurements.

Sources: (30, pp. 179-180, 540), (33, pp. 197, 200, 613-614), (35, pp. 345, 587-588), and (56, pp. 402-405).

Table 88--Fruit production, China, 1949-90[1]

Year	Total	Apples	Bananas	Citrus[2]	Pears	Grapes	Other[3]
				1,000 tons			
1949	1,200	na	na	na	na	na	na
1950	1,325	na	na	na	na	na	na
1951	1,564	na	na	na	na	na	na
1952	2,443	118	110	207	394	48	1,566
1953	2,969	139	116	255	531	66	1,862
1954	2,978	174	145	329	241	76	2,013
1955	2,550	203	97	284	409	64	1,493
1956	3,105	221	99	318	536	80	1,851
1957	3,247	222	73	322	504	85	2,041
1958	3,900	297	159	412	797	112	2,123
1959	4,250	320	175	415	925	125	2,290
1960	3,977	296	140	311	587	103	2,540
1961	2,841	167	48	169	481	70	1,906
1962	2,712	225	35	206	443	84	1,719
1963	2,876	248	43	176	500	85	1,824
1964	na	na	99	na	499	100	na
1965	3,239	318	145	254	511	100	1,911
1966	na	na	na	na	na	na	na
1967	na	na	na	na	na	na	na
1968	na	na	na	na	na	na	na
1969	na	na	na	na	na	na	na
1970	3,745	798	166	242	654	85	1,800
1971	3,863	854	126	239	820	104	1,720
1972	4,442	850	114	308	1,048	101	2,021
1973	5,182	1,301	161	305	1,045	115	2,255
1974	5,153	1,157	104	337	1,112	104	2,339
1975	5,381	1,583	165	336	1,087	123	2,087
1976	5,404	1,730	32	281	1,233	117	2,011
1977	5,685	2,108	42	398	1,092	91	1,954
1978	6,570	2,275	85	383	1,517	104	2,206
1979	7,015	2,869	74	555	1,438	126	1,953
1980	6,793	2,363	61	713	1,466	110	2,080
1981	7,801	3,006	126	798	1,593	148	2,130
1982	7,713	2,430	201	939	1,755	186	2,202
1983	9,487	3,541	207	1,296	1,795	247	2,401
1984	9,845	2,941	300	1,499	2,100	294	2,711
1985	11,639	3,614	631	1,808	2,137	361	3,088
1986	13,477	3,337	1,251	2,548	2,348	442	3,551
1987	16,679	4,264	2,030	3,224	2,489	641	4,031
1988	16,661	4,344	1,830	2,560	2,721	792	4,414
1989	18,319	4,499	1,404	4,561	2,565	874	4,416
1990	18,744	4,319	1,456	4,855	2,353	859	4,902

[1] Fruit production excludes output from wild orchards and all fruit-type melons (watermelon, honeydew melon, muskmelon, cantaloupe, and others).

[2] Citrus fruit includes a variety of oranges, tangerines, grapefruit, and other citrus fruits.

[3] Other miscellaneous fruit output is calculated as a residual.

Sources: (8, pp. 196-198), (32, p. 247), (33, p. 197), and (35, p. 345).

Table 89--Selected economic and other crop area, China, 1949-90[1]

Year	Sugarcane	Sugarbeet	Tea	Tobacco leaf		Vegetables[1]	Green manure	Forage crops[2]
				Total	Flue cured			
				1,000 hectares				
1949	108	16	na	na	61	na	na	na
1950	113	21	na	na	na	na	na	na
1951	141	23	na	na	na	na	na	na
1952	183	35	224	na	186	na	2,297	na
1953	193	49	na	na	191	na	2,801	na
1954	219	73	na	na	218	na	3,092	na
1955	204	115	na	na	252	3,066	2,848	675
1956	221	149	na	na	385	3,418	3,044	922
1957	267	159	329	na	355	3,737	3,420	1,244
1958	305	289	na	na	342	na	4,210	na
1959	314	317	na	na	298	5,107	3,914	na
1960	310	347	na	na	275	7,396	4,266	na
1961	189	207	na	na	147	7,280	3,436	1,240
1962	154	83	na	na	176	5,048	3,459	938
1963	184	78	na	na	236	4,295	3,404	954
1964	306	125	na	na	281	3,840	3,997	948
1965	351	171	336	na	325	na	5,512	na
1966	345	194	na	na	380	na	na	na
1967	345	185	na	na	407	na	na	na
1968	321	170	na	na	327	na	na	na
1969	328	185	na	na	325	na	na	na
1970	387	199	486	na	291	2,656	8,413	na
1971	426	219	na	na	319	2,950	8,489	na
1972	477	266	na	na	344	2,838	9,293	1,297
1973	505	285	na	na	362	3,149	9,695	1,512
1974	493	267	na	na	364	3,039	9,897	1,506
1975	523	303	na	na	460	3,147	9,921	1,688
1976	541	357	963	na	543	3,139	9,605	1,796
1977	507	352	1,014	na	569	3,301	9,419	1,868
1978	549	331	1,048	784	613	3,737	9,138	1,842
1979	512	325	1,051	633	509	3,695	8,493	1,898
1980	479	443	1,041	512	397	3,606	7,538	1,786
1981	551	436	na	757	587	3,448	6,690	1,684
1982	653	462	1,097	1,124	889	3,888	6,177	1,647
1983	654	544	1,105	768	572	4,102	5,680	1,622
1984	728	502	1,077	897	715	4,320	5,150	1,605
1985	965	560	1,045	1,313	1,077	4,753	4,636	1,665
1986	1,470	950	804	1,125	894	5,304	4,421	1,739
1987	859	498	809	1,128	913	5,572	4,145	1,842
1988	924	745	1,056	1,555	1,304	6,032	3,959	1,856
1989	959	569	1,065	1,798	1,503	6,290	4,027	1,885
1990	1,009	670	1,061	1,593	1,342	6,338	4,298	1,862

[1] Vegetable area includes all vegetables and vegetable-type melons (cucumber, winter melon, bitter melon, pumpkin, and others). Fruit-type melons are excluded. [2] Forage crop area includes alfalfa, elephant grass (*xiangcao*), and others. It excludes grain area for feeding livestock (included in grain area); however, it includes grain area that is harvested solely for green silage use (green corn stalks and others).

Sources: (30, pp. 179-180), (32, p. 247), (33, p. 198), (35, p. 345), and (56, pp 216-217).

Table 90--Flue-cured tobacco production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	60	58	72	119	73	100	102	102	118	172	283	259
Heilongjiang	23	22	34	69	44	61	69	81	87	124	214	193
Liaoning	23	22	25	29	18	22	18	10	16	22	31	32
Jilin	14	13	13	21	11	17	15	11	15	26	38	34
North	337	346	599	848	542	614	826	442	602	765	694	637
Shandong	157	157	208	337	211	216	287	155	199	234	226	214
Hebei	2	2	2	6	3	3	5	0	3	7	13	12
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	178	187	387	494	325	393	532	286	399	520	445	403
Shanxi	1	0	2	11	3	2	2	1	2	4	10	8
Northwest	5	6	16	33	23	45	67	45	54	124	137	149
Shaanxi	5	6	14	29	21	42	63	41	50	108	118	123
Gansu	0	0	1	4	2	3	4	3	4	11	16	22
Nei Monggol	0	0	0	0	0	0	0	1	1	2	3	4
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	3	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	28	28	95	119	62	81	84	50	57	99	84	83
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	7	4	9	9	7	5	8	5	4	9	16	8
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	21	24	86	110	55	76	76	45	53	90	68	75
Central	77	55	116	164	95	123	191	147	145	202	220	191
Hubei	22	17	38	47	30	34	58	53	44	68	66	62
Hunan	53	37	76	113	63	86	130	92	97	126	145	112
Jiangxi	2	1	3	4	2	3	3	2	4	8	9	17
South	70	44	73	103	51	50	70	50	60	91	115	119
Guangdong	21	10	16	23	17	16	23	17	21	35	46	46
Guangxi	33	21	35	46	22	10	13	9	13	20	33	30
Fujian	16	13	22	34	12	24	34	24	26	36	36	43
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	229	180	309	462	303	529	735	535	600	885	871	821
Sichuan	28	21	26	47	23	39	59	57	53	86	98	98
Guizhou	95	56	119	164	136	215	266	192	212	291	316	287
Yunnan	106	104	164	251	144	275	410	286	336	507	457	436
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	806	717	1,278	1,848	1,149	1,542	2,075	1,371	1,636	2,338	2,404	2,259
SSB total	806	717	1,279	1,848	1,151	1,543	2,075	1,374	1,636	2,337	2,405	2,259

[1] Tobacco output is on a dry weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 38), (4, p. 43), (5, p. 47), (6, p. 96), (7, p. 156), (8, p. 190), (9, p. 226), (10, p. 230), (11, p. 271), (34, p. 368), and (35, p. 351).

Table 91--Flue-cured tobacco area, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	28	23	35	60	43	47	61	56	68	103	179	154
Heilongjiang	11	8	17	39	28	31	43	42	51	76	130	115
Liaoning	11	9	11	12	9	9	10	7	8	12	24	20
Jilin	7	6	7	9	6	7	8	7	9	15	25	18
North	186	166	234	361	201	253	361	275	270	376	389	304
Shandong	84	71	88	107	77	76	110	77	73	95	96	85
Hebei	3	1	1	3	2	2	3	2	2	4	10	7
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	99	94	144	245	121	174	247	195	194	276	277	208
Shanxi	0	0	1	5	1	1	1	1	1	2	6	4
Northwest	4	3	11	18	13	23	36	32	30	66	93	83
Shaanxi	3	3	10	16	12	22	34	30	28	59	84	72
Gansu	0	0	1	2	1	1	2	1	1	4	6	9
Nei Monggol	0	0	0	0	0	0	0	1	1	2	3	2
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	1	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	24	19	47	66	35	40	42	30	27	46	57	49
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	5	3	5	4	2	2	3	3	2	6	9	6
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	20	16	42	62	33	38	39	27	25	41	47	43
Central	59	38	63	101	63	74	122	101	95	143	159	139
Hubei	15	10	19	33	20	22	38	40	33	50	52	46
Hunan	42	27	42	65	41	50	82	59	59	82	97	78
Jiangxi	2	1	2	3	2	2	2	2	3	12	10	15
South	66	41	55	72	57	40	55	39	46	77	88	87
Guangdong	23	11	14	16	14	11	18	12	15	26	32	31
Guangxi	31	19	25	31	27	10	9	7	10	18	25	21
Fujian	12	11	17	25	16	19	28	20	22	33	32	35
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	142	106	142	211	161	237	399	359	378	492	537	527
Sichuan	22	15	18	30	18	26	44	49	47	62	85	77
Guizhou	61	39	59	88	69	99	155	135	156	199	220	214
Yunnan	60	53	65	92	74	112	200	175	175	231	233	235
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	509	397	586	888	573	714	1,076	892	913	1,305	1,503	1,342
SSB total	509	397	586	888	572	715	1,077	894	913	1,304	1,503	1,342

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 38), (4, p. 43), (5, p. 47), (6, p. 96), (7, p. 156), (8, p. 190), (9, p. 226), (10, p. 230), (11, p. 271), (34, p. 361), and (35, p. 344).

Table 92--Other tobacco production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	11	9	18	29	28	24	59	62	49	55	60	61
Heilongjiang	7	6	7	11	15	10	20	24	17	16	17	26
Liaoning	1	1	3	5	4	6	16	17	13	14	14	12
Jilin	3	3	8	13	9	8	23	21	19	25	29	23
North	16	14	18	34	26	27	39	32	28	34	26	24
Shandong	8	7	8	15	10	11	14	12	10	10	7	7
Hebei	5	4	7	12	11	8	15	14	13	11	10	10
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	2	2	2	4	4	6	7	4	4	12	8	6
Shanxi	0	1	2	2	1	2	3	2	1	1	1	1
Northwest	13	11	19	25	18	17	21	22	22	27	28	26
Shaanxi	4	4	5	9	6	5	9	9	8	12	12	13
Gansu	4	5	7	4	4	7	4	6	7	8	6	5
Nei Monggol	3	2	6	8	3	3	6	5	4	6	6	4
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	2	1	1	3	5	2	2	2	4	0	4	4
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	5	5	8	12	6	8	11	7	9	11	10	7
Zhejiang	2	4	5	6	3	4	5	4	5	4	4	3
Jiangsu	1	0	0	1	1	1	1	1	1	3	1	1
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	1	1	3	5	2	3	5	2	2	4	5	3
Central	21	16	43	55	34	46	62	58	63	76	91	70
Hubei	10	6	28	39	22	29	39	37	39	52	54	45
Hunan	8	8	12	12	9	13	17	17	18	18	31	19
Jiangxi	3	3	3	4	3	4	6	4	6	6	6	6
South	24	22	28	33	22	28	36	30	29	55	41	39
Guangdong	19	17	21	24	17	20	26	22	19	42	26	25
Guangxi	3	3	5	7	4	6	7	6	7	10	12	11
Fujian	2	2	2	3	1	2	3	2	3	3	3	3
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	47	51	86	143	94	97	119	121	108	136	167	140
Sichuan	30	32	63	116	67	63	84	83	75	101	133	109
Guizhou	11	12	16	18	18	23	23	26	22	24	23	20
Yunnan	6	7	8	10	9	11	12	12	11	12	11	11
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	135	128	219	332	228	247	347	332	306	393	423	367
SSB total	135	128	219	332	230	247	349	333	307	397	425	368

[1] Derived by subtracting flue-cured tobacco from total tobacco. Other tobacco includes a number of miscellaneous local tobacco varieties.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 37), (4, p. 43), (5, p. 47), (6, p. 95), (7, p. 155), (8, p. 190), (9, pp. 225-226), (10, p. 241), (11, pp. 270-271), (34, p. 368), and (35, p. 351).

Table 93--Other tobacco area, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	5	4	9	15	12	10	29	29	25	26	33	28
Heilongjiang	2	1	4	5	5	3	7	8	8	7	8	10
Liaoning	1	1	2	3	2	2	9	8	6	6	8	6
Jilin	1	2	4	7	5	5	13	13	10	13	17	13
North	14	11	12	19	38	14	19	18	14	15	15	12
Shandong	6	4	4	6	5	5	6	6	4	3	3	3
Hebei	5	5	5	8	7	5	8	8	7	6	6	5
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	2	2	2	4	25	3	4	3	2	6	6	4
Shanxi	1	1	1	1	1	1	1	1	1	0	1	0
Northwest	12	9	13	15	12	12	15	15	13	14	17	15
Shaanxi	5	5	6	8	6	6	8	8	7	8	10	9
Gansu	2	2	3	2	2	3	3	3	3	3	2	2
Nei Monggol	4	3	4	4	2	2	3	3	3	3	4	3
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	1	0	1	1	2	1	1	1	1	0	1	1
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	3	4	5	7	4	4	5	6	5	6	7	4
Zhejiang	2	3	3	1	1	1	1	3	3	2	2	2
Jiangsu	0	0	0	1	1	1	1	1	1	1	1	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	1	1	2	5	2	2	3	2	1	3	4	2
Central	20	19	33	44	31	36	44	46	45	57	71	58
Hubei	6	5	16	27	17	19	23	24	25	32	36	30
Hunan	10	10	14	13	11	13	16	15	16	19	29	22
Jiangxi	4	3	3	4	3	4	5	7	5	7	7	6
South	23	20	23	25	22	23	30	24	22	28	31	27
Guangdong	17	15	17	17	15	15	19	16	13	15	17	15
Guangxi	4	3	5	6	5	6	8	6	7	10	11	9
Fujian	2	2	2	2	2	2	3	2	2	3	3	3
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	47	47	74	107	75	82	92	96	91	102	120	106
Sichuan	25	23	45	75	45	47	55	58	56	66	86	73
Guizhou	13	15	19	21	20	23	24	25	23	23	23	22
Yunnan	9	9	9	11	10	12	13	13	12	12	12	11
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	124	115	171	232	194	181	234	234	215	250	295	250
SSB total	124	115	171	236	196	182	236	231	215	251	295	250

[1] Derived by subtracting flue-cured tobacco from total tobacco. Other tobacco includes a number of miscellaneous local tobacco varieties.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 37), (4, p. 43), (5, p. 47), (6, p. 95), (7, p. 155), (8, p. 190), (9, pp. 225-226), (10, p. 241), (11, pp. 270-271), (34, p. 361), and (35, p. 344).

Table 94--Sugarbeet production, by region and province, China, 1979–90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	1,880	4,464	4,499	3,993	6,361	5,109	4,256	4,714	4,278	7,328	4,869	7,982
Heilongjiang	1,240	3,160	3,371	2,980	5,152	4,228	3,152	3,898	3,304	5,551	3,975	6,320
Liaoning	71	127	226	334	278	201	227	218	284	482	234	498
Jilin	569	1,177	903	679	951	680	877	598	690	1,296	660	1,164
North	327	452	439	527	476	498	569	410	289	690	414	605
Shandong	150	225	160	203	122	95	91	59	38	49	30	50
Hebei	79	94	93	97	82	125	199	79	58	129	44	123
Beijing	0	0	0	0	4	18	22	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	2	16	23	1	9	9	9	0	0	0	0	0
Shanxi	96	117	164	227	259	251	248	272	193	511	340	432
Northwest	856	1,341	1,361	2,103	2,239	2,625	4,021	3,141	3,545	4,752	3,888	5,873
Shaanxi	5	17	27	48	62	53	62	32	16	64	47	55
Gansu	44	63	106	147	175	270	616	521	563	929	663	724
Nei Monggol	490	812	823	1,152	1,351	1,410	2,542	1,590	1,678	2,185	1,722	2,364
Ningxia	18	63	63	208	148	266	385	326	317	466	460	478
Xinjiang	297	385	342	548	502	616	407	664	965	1,101	989	2,244
Qinghai	3	1	1	1	1	10	9	8	6	7	7	8
East	37	42	54	75	69	37	53	18	14	23	44	44
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	37	41	53	72	69	37	53	18	14	22	44	43
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	1	1	1	3	0	0	0	0	0	0	0	1
Central	2	1	1	1	1	0	0	0	0	0	0	0
Hubei	1	1	1	1	1	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	4	6	6	13	19	17	20	24	14	18	26	22
Sichuan	2	4	3	10	13	14	11	19	10	13	21	18
Guizhou	1	0	0	0	1	0	5	1	1	0	0	0
Yunnan	0	1	2	3	5	3	4	4	3	5	5	4
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	3,106	6,305	6,361	6,712	9,185	8,286	8,919	8,307	8,140	12,810	9,241	14,526
SSB total	3,106	6,305	6,360	6,712	9,182	8,284	8,919	8,306	8,140	12,810	9,243	14,525

[1] Production data are on the basis of beet root weight (exclude leaves and stalks). All sugarbeet production is included in output statistics, no matter the ultimate end use (produce sugar, use for livestock feed, use as a vegetable, and other uses).

Sources: (3, p. 41), (4, p. 43), (5, p. 47), (6, p. 95), (7, p. 155), (8, p. 189), (9, p. 225), (10, p. 240), (11, p. 270), (34, p. 368), and (35, p. 351).

Table 95--Sugarbeet area, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	206	315	308	318	410	364	375	362	334	528	384	439
Heilongjiang	146	243	234	244	337	305	292	306	263	426	314	358
Liaoning	9	11	14	19	14	9	14	13	16	26	17	22
Jilin	51	61	60	55	59	50	69	43	55	76	53	59
North	35	30	33	33	28	28	32	25	19	33	23	27
Shandong	12	9	10	10	7	5	7	4	3	2	2	3
Hebei	12	10	10	9	8	9	12	8	7	9	7	8
Beijing	0	0	0	0	0	1	1	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	0	1	1	0	1	1	1	0	0	0	0	0
Shanxi	11	10	12	13	12	12	11	13	9	21	15	17
Northwest	76	90	88	103	99	100	151	129	140	180	157	199
Shaanxi	2	2	4	4	4	4	4	3	3	4	3	3
Gansu	6	5	5	7	7	9	19	16	18	21	18	19
Nei Monggol	45	56	57	61	61	61	100	75	75	103	82	95
Ningxia	2	3	3	7	5	8	12	10	9	12	14	14
Xinjiang	22	24	19	25	22	18	16	25	35	39	40	67
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	6	6	6	7	6	4	4	2	2	2	2	2
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	6	6	6	6	6	4	4	2	2	2	2	2
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	1	1	1	1	2	2	2	2	2	2	3	2
Sichuan	1	1	1	1	1	1	1	2	2	2	2	2
Guizhou	0	0	0	0	1	1	1	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	324	442	436	461	545	498	564	520	498	745	569	670
SSB total	325	443	436	462	544	502	560	520	498	745	569	670

[1] All sugarbeet area is included no matter what the ultimate beet end use (produce sugar, use for livestock feed, use as a vegetable, and other uses).

Sources: (3, p. 41), (4, p. 43), (5, p. 47), (6, p. 95), (7, p. 155), (8, p. 189), (9, p. 225), (10, p. 240), (11, p. 270), (34, p. 360), and (35, p. 343).

Table 96--Sugarcane production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	51	54	51	61	95	88	170	195	198	153	115	101
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	51	54	51	61	95	88	170	195	198	153	115	101
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	11	14	2	2	2	5	17	17	9	7	5	5
Shaanxi	11	14	2	2	2	5	17	17	9	7	5	5
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	704	607	577	733	558	839	1,393	1,758	1,488	1,213	1,019	902
Zhejiang	665	588	561	699	486	707	1,100	1,322	1,088	829	701	628
Jiangsu	25	11	9	22	52	96	210	306	283	271	214	180
Shanghai	0	0	0	0	0	0	0	0	2	23	14	7
Anhui	13	9	7	11	20	36	83	130	115	89	90	87
Central	1,530	1,636	2,118	2,277	2,185	2,772	3,845	3,906	3,555	3,208	3,312	3,567
Hubei	76	45	58	108	158	193	396	524	417	378	396	346
Hunan	663	734	892	964	1,005	1,079	1,478	1,662	1,230	1,095	1,421	1,278
Jiangxi	791	857	1,167	1,204	1,022	1,500	1,971	1,720	1,908	1,736	1,495	1,943
South	15,140	16,758	22,855	28,442	22,711	29,646	38,529	36,386	33,929	36,091	36,326	43,831
Guangdong	8,218	9,227	13,699	17,229	12,500	17,692	23,333	20,443	18,120	16,132	17,528	21,655
Guangxi	3,810	4,019	5,275	7,228	6,807	7,220	9,829	11,214	11,674	13,534	12,542	15,018
Fujian	3,111	3,512	3,881	3,984	3,404	4,734	5,367	4,729	4,135	3,874	3,387	3,443
Hainan[2]	na	na	na	na	na	na	na	na	na	2,551	2,869	3,715
Southwest	4,072	3,739	4,065	5,368	5,592	6,171	7,595	7,957	8,184	8,392	8,018	9,214
Sichuan	2,122	1,783	1,709	2,169	1,946	2,247	2,642	2,470	2,404	2,335	2,293	2,386
Guizhou	135	111	109	128	117	146	155	192	195	219	212	209
Yunnan	1,814	1,844	2,247	3,071	3,529	3,778	4,798	5,295	5,585	5,838	5,513	6,619
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	21,508	22,807	29,668	36,882	31,143	39,521	51,549	50,219	47,363	49,064	48,795	57,620
SSB total	21,508	22,807	29,668	36,882	31,141	39,519	51,549	50,219	47,363	49,064	48,795	57,620

[1] Harvesting of sugarcane, carried out from the winter of the first calendar year to the spring of the next year, is all included in the figure for the first year. Production data are on a cane stalk weight basis (excluding leaves) and include both sugarcane (*tangzhe*) and fruitcane (*guozhe*).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 40), (4, p. 42), (5, p. 46), (6, p. 95), (7, p. 154), (8, p. 189), (9, p. 224), (10, p. 240), (11, p. 269), (34, p. 368), and (35, p. 351).

Table 97--Sugarcane area, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	2	2	2	2	3	3	4	6	5	4	3	3
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	2	2	2	2	3	3	4	6	5	4	3	3
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	1	1	0	0	0	0	0	0	0	0	0	0
Shaanxi	1	1	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	12	11	10	12	11	15	24	31	28	24	22	18
Zhejiang	11	11	10	11	9	12	18	22	19	16	14	12
Jiangsu	1	0	0	1	1	2	4	6	6	5	4	3
Shanghai	0	0	0		0	0	0	0	0	0	1	0
Anhui	1	0	0	0	1	1	2	3	3	3	3	3
Central	35	35	43	45	45	54	71	78	68	67	67	68
Hubei	2	1	1	2	4	4	8	10	9	9	8	8
Hunan	14	15	17	19	20	20	25	29	23	22	27	25
Jiangxi	19	19	24	24	21	30	38	39	37	36	32	36
South	355	335	398	484	483	537	721	689	609	673	708	747
Guangdong	182	176	221	278	282	316	427	386	329	248	270	291
Guangxi	128	112	127	153	152	158	221	234	222	294	311	320
Fujian	45	47	51	53	49	63	73	69	58	56	49	50
Hainan[2]	na	na	na	na	na	na	na	na	na	75	78	87
Southwest	107	96	98	111	113	118	143	145	148	155	159	173
Sichuan	55	47	47	51	49	49	55	52	50	50	49	49
Guizhou	5	4	4	4	4	4	4	5	5	6	7	7
Yunnan	47	46	48	55	60	65	84	88	92	99	103	117
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	512	480	551	653	655	727	963	949	859	924	959	1,009
SSB total	512	479	551	653	654	728	965	950	859	924	959	1,009

[1] Sugarcane area includes both sugarcane (*tangzhe*) and fruitcane (*guozhe*).
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 40), (4, p. 42), (5, p. 46), (6, p. 95), (7, p. 154), (8, p. 189), (9, p. 224), (10, p. 240), (11, p. 269), (34, p. 368), and (35, p. 351).

Table 98--Forage area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 hectares					
Northeast	357	285	205	179	136	117	115	120	109	104
Heilongjiang	312	249	174	147	105	89	86	93	84	83
Liaoning	23	21	20	25	25	23	22	21	20	17
Jilin	22	14	11	7	6	5	7	6	4	4
North	276	200	175	169	183	185	173	164	152	145
Shandong	53	31	22	17	13	10	8	7	5	4
Hebei	90	60	48	47	66	76	69	69	63	57
Beijing	20	16	15	15	13	10	11	12	11	11
Tianjin	6	3	3	3	3	4	4	3	3	3
Henan	12	8	6	5	7	8	4	3	3	9
Shanxi	94	83	80	82	81	77	78	70	67	61
Northwest	754	649	701	651	678	701	749	687	652	634
Shaanxi	150	115	128	131	118	107	92	70	60	59
Gansu	212	219	267	206	250	247	259	251	243	230
Nei Monggol	153	97	96	118	114	144	167	146	130	124
Ningxia	46	30	36	37	42	28	36	28	27	29
Xinjiang	186	178	164	149	143	163	181	178	176	171
Qinghai	8	10	10	11	11	12	12	14	16	20
East	74	40	41	45	43	43	34	36	34	35
Zhejiang	0	0	0	0	0	0	0	0	0	0
Jiangsu	63	33	28	31	35	34	25	26	24	24
Shanghai	11	4	11	11	4	5	5	5	4	5
Anhui	0	3	2	3	4	4	5	6	6	6
Central	75	93	112	134	164	176	187	207	217	234
Hubei	25	17	22	26	30	30	31	35	33	38
Hunan	42	61	72	86	106	116	124	133	141	152
Jiangxi	8	15	18	22	28	30	32	39	42	45
South	84	92	100	123	139	162	189	234	245	263
Guangdong	37	47	53	67	71	82	90	123	128	132
Guangxi	40	38	38	46	55	61	69	79	83	93
Fujian	7	8	9	10	12	19	30	31	34	38
Hainan[2]	na	na	na	na	na	na	na	1	1	1
Southwest	278	288	288	304	322	355	395	404	476	447
Sichuan	242	250	240	243	256	282	312	327	383	351
Guizhou	6	7	8	14	18	23	26	19	26	23
Yunnan	28	30	38	42	47	47	54	57	65	69
Xizang	2	1	2	5	2	3	3	0	3	3
Sum of above	1,898	1,647	1,622	1,605	1,665	1,739	1,842	1,852	1,885	1,862
SSB total	na	na	na	1,605	1,665	1,739	1,842	1,856	1,885	1,862

[1] Forage crop area likely includes area sown to fodder crops or sown and then used to graze livestock. It includes alfalfa, elephant grass (*xiangcao*), and others. Also, forage crop area may include lake, pond, or canal area used to grow water plants (such as water hyacinth) used for fodder. It excludes area used to grow grain to feed livestock (it is included in grain area), although it includes grain area that is harvested for green silage (green corn stalks and other silage).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 113), (5, p. 48), (6, p. 96), (7, p. 157), (8, p. 191), (9, p. 227), (10, p. 242), (11, p. 272), (12, p. 275), and (13, p. 305).

Table 99--Green manure area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 hectares					
Northeast	112	117	137	111	69	61	55	71	57	48
Heilongjiang	30	76	108	79	45	40	37	57	46	36
Liaoning	76	38	28	31	23	20	18	13	12	12
Jilin	6	3	1	1	1	1	0	0	0	0
North	329	181	159	140	121	98	96	85	75	74
Shandong	72	46	33	25	20	13	13	9	5	6
Hebei	86	41	30	25	19	15	12	10	8	8
Beijing	2	3	3	2	1	1	1	1	1	1
Tianjin	4	2	0	0	0	0	0	1	0	1
Henan	156	79	78	70	73	63	60	57	54	51
Shanxi	10	9	14	17	8	7	10	8	6	8
Northwest	234	184	207	193	135	141	155	139	141	166
Shaanxi	137	33	27	19	21	19	24	14	14	16
Gansu	21	12	11	32	27	29	28	27	34	34
Nei Monggol	48	30	34	34	22	29	27	32	32	25
Ningxia	4	3	3	5	3	3	2	2	3	2
Xinjiang	24	102	125	97	59	58	72	62	54	86
Qinghai	0	4	6	6	3	2	3	2	4	3
East	2,643	1,822	1,644	1,419	1,241	1,115	1,008	943	931	916
Zhejiang	762	610	536	475	466	458	425	388	394	394
Jiangsu	1,156	742	665	548	404	327	295	279	248	234
Shanghai	60	48	47	31	27	20	18	12	9	7
Anhui	665	421	396	365	344	311	270	263	280	281
Central	4,204	3,422	3,126	2,866	2,700	2,616	2,378	2,193	2,190	2,248
Hubei	1,156	797	733	657	609	597	497	434	394	381
Hunan	1,754	1,475	1,313	1,196	1,129	1,085	971	902	935	1,017
Jiangxi	1,295	1,150	1,079	1,013	962	935	910	857	861	850
South	684	254	205	202	161	192	230	272	344	532
Guangdong	319	54	41	63	24	28	40	47	57	108
Guangxi	217	145	128	112	104	110	100	129	191	299
Fujian	148	56	37	28	33	54	91	96	96	125
Hainan[2]	na	na	na	na	na	na	na	0	0	0
Southwest	285	196	203	219	209	214	223	245	289	314
Sichuan	134	102	88	81	74	73	71	74	82	83
Guizhou	78	51	66	81	83	81	86	86	102	117
Yunnan	74	44	49	55	52	59	65	85	105	114
Xizang	0	0	0	0	0	0	0	1	0	0
Sum of above	8,493	6,177	5,680	5,150	4,636	4,437	4,145	3,947	4,027	4,298
SSB total	na	na	na	5,150	4,636	4,421	4,145	3,959	4,027	4,298

[1] Green manure crops include Chinese milk vetch (*ziyunying*), safflower grass (*honghuacao*), Chinese trumpet creeper (*tiaozi*), fragrant thoroughwort (*lanhuacao*), wild soybean (*shanmaodou*), and other miscellaneous vegetable matter used for manure. Legume and rapeseed areas for crops planted specifically for use as green manure are also included here (if the crop was originally intended to be harvested, but fails and is turned under, then it continues to be counted under bean and rapeseed area).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 113), (5, p. 48), (6, p. 96), (7, p. 157), (8, p. 191), (9, p. 227), (10, p. 242), (11, p. 272), (34, p. 361), and (35, p. 344).

Table 100--Vegetable area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	720	671	697	680	657	629	642	631	673	672	657
Heilongjiang	337	295	309	295	273	249	251	228	248	245	230
Liaoning	210	213	227	221	219	217	231	234	241	248	253
Jilin	173	163	160	164	165	162	161	168	183	179	174
North	913	870	915	943	958	1,062	1,182	1,214	1,315	1,363	1,295
Shandong	298	275	284	285	279	307	348	354	370	391	362
Hebei	220	216	229	229	231	263	285	284	306	315	288
Beijing	54	55	59	57	58	54	58	60	63	68	70
Tianjin	39	37	39	36	39	38	44	45	52	55	55
Henan	198	195	210	241	247	295	334	358	411	418	409
Shanxi	104	91	94	96	106	105	112	113	113	117	111
Northwest	298	274	276	261	262	302	343	345	367	379	356
Shaanxi	88	85	89	85	102	122	134	138	160	168	146
Gansu	42	41	48	46	45	49	60	60	62	63	64
Nei Monggol	89	73	75	67	61	58	67	63	61	63	64
Ningxia	15	10	12	12	10	12	14	17	16	15	16
Xinjiang	58	59	48	48	39	57	64	61	63	63	60
Qinghai	6	6	4	4	4	4	5	5	5	7	7
East	307	364	492	500	553	676	763	824	877	903	914
Zhejiang	67	116	125	132	148	180	199	215	227	236	248
Jiangsu	89	90	193	193	228	277	312	327	349	352	356
Shanghai	54	58	65	61	49	64	71	82	79	80	78
Anhui	97	100	109	114	126	155	180	200	222	235	232
Central	343	406	512	642	719	780	827	863	945	974	1,014
Hubei	95	80	172	212	250	277	309	329	355	366	373
Hunan	182	256	260	270	283	295	306	311	352	365	372
Jiangxi	65	71	80	160	186	207	211	222	238	244	269
South	310	354	409	456	495	567	749	833	951	1,019	1,083
Guangdong	65	200	233	263	306	345	397	440	453	487	517
Guangxi	182	76	91	94	85	103	178	190	220	253	261
Fujian	63	78	85	99	104	120	174	203	233	229	248
Hainan[2]	na	na	na	na	na	na	na	na	44	50	57
Southwest	340	509	587	620	669	737	800	863	902	980	1,039
Sichuan	192	345	401	411	440	478	526	562	588	618	636
Guizhou	75	86	98	108	122	137	139	157	158	199	213
Yunnan	72	71	79	93	102	118	126	137	146	156	182
Xizang	1	8	8	7	5	3	8	7	10	8	8
Sum of above	3,230	3,448	3,887	4,102	4,313	4,753	5,304	5,572	6,031	6,290	6,358
SSB total	3,230	3,448	3,887	4,102	4,320	4,753	5,304	5,572	6,032	6,290	6,358

[1] Vegetable area data include area sown to all vegetables and vegetable-type melons (cucumber, squash, pumpkin, winter melon, bitter melon, towel gourd, and others). Other plants included in vegetable area statistics are fennel, water-bamboo (*jiaobei*), taro (*yutou*), ginger (*shengjiang*), and others.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 113), (4, p. 44), (5, p. 48), (6, p. 98), (7, p. 157), (8, p. 191), (9, p. 227), (10, p. 242), (11, p. 272), (34, p. 361), and (35, p. 344).

Table 101--Apple production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	767	628	712	583	775	708	570	560	654	644	680	794
Heilongjiang	2	3	3	2	9	11	16	9	11	16	14	23
Liaoning	754	610	701	578	759	684	548	547	637	622	656	759
Jilin	11	15	8	8	7	13	6	4	5	7	10	11
North	1,751	1,391	1,880	1,464	2,315	1,765	2,447	2,145	2,839	2,829	2,894	2,510
Shandong	1,197	918	1,219	928	1,433	1,167	1,454	1,269	1,570	1,603	1,560	1,432
Hebei	179	178	240	198	342	240	468	391	579	523	544	468
Beijing	41	46	41	38	47	44	51	49	63	65	70	74
Tianjin	8	8	11	8	18	14	23	24	33	30	36	31
Henan	236	155	263	194	335	176	278	276	438	416	514	358
Shanxi	90	86	107	99	140	115	173	136	156	191	170	146
Northwest	209	213	266	244	287	294	423	422	506	591	644	736
Shaanxi	102	89	127	99	122	94	141	152	212	238	277	349
Gansu	49	59	61	56	67	79	98	110	128	154	158	175
Nei Monggol	8	10	9	11	13	14	20	19	19	23	22	23
Ningxia	12	13	16	15	15	23	27	26	33	31	42	35
Xinjiang	35	38	47	55	63	73	125	102	100	129	132	141
Qinghai	2	4	6	8	7	11	12	13	13	16	13	14
East	88	69	97	82	102	92	93	128	143	169	160	165
Zhejiang	3	3	2	4	2	1	1	1	1	1	1	1
Jiangsu	63	48	71	60	75	71	66	97	94	112	104	106
Shanghai	1	0	0	0	0	0	0	0	0	0	0	0
Anhui	21	18	24	18	26	20	26	30	47	56	55	58
Central	7	3	4	7	6	5	7	6	15	9	17	12
Hubei	7	3	4	7	6	5	7	6	15	9	17	12
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	1	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	1	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	47	58	46	50	55	77	77	76	107	102	104	103
Sichuan	34	43	28	37	37	46	48	49	68	63	61	63
Guizhou	2	1	2	1	1	1	6	2	5	4	4	4
Yunnan	9	11	13	9	15	16	19	21	30	31	35	31
Xizang	2	3	3	3	3	14	4	4	4	4	4	4
Sum of above	2,870	2,363	3,005	2,431	3,541	2,941	3,617	3,337	4,264	4,344	4,499	4,319
SSB total	2,869	2,363	3,006	2,430	3,541	2,941	3,614	3,337	4,264	4,344	4,499	4,319

[1] Apple production statistics exclude fruit harvested from wild orchards.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (6, p. 97), (7, p. 160), (8, p. 198), (9, p. 236), (10, p. 250), (11, p. 277), (34, p. 369), (35, p. 351), and (39, p. 71).

Table 102--Apple area, by region and province, China, selected years, 1979–90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	159	164	167	166	176	173	206	225	237	230	230
Heilongjiang	2	2	2	4	6	5	6	6	11	6	11
Liaoning	146	153	160	158	166	166	198	218	224	221	216
Jilin	11	8	5	4	4	2	2	2	2	3	4
North	397	396	388	404	425	524	712	852	965	971	891
Shandong	195	189	178	188	200	247	334	395	435	434	416
Hebei	65	72	79	83	90	114	153	192	226	222	212
Beijing	4	5	6	9	9	10	11	14	17	17	17
Tianjin	4	4	4	4	4	5	7	8	10	10	10
Henan	90	86	76	77	76	91	138	159	178	187	134
Shanxi	39	41	43	43	46	57	69	85	99	102	101
Northwest	116	114	105	100	99	113	176	256	327	357	380
Shaanxi	58	56	51	47	46	50	93	134	167	187	198
Gansu	24	24	22	22	23	29	46	76	104	110	115
Nei Monggol	12	13	11	10	9	10	10	10	12	10	13
Ningxia	4	5	4	4	4	6	9	12	16	18	21
Xinjiang	16	15	15	15	15	15	17	20	24	27	27
Qinghai	2	2	2	2	2	3	3	5	5	5	5
East	26	26	23	21	21	23	31	67	82	77	72
Zhejiang	2	2	2	1	1	1	1	1	1	1	1
Jiangsu	13	13	12	12	12	14	28	46	55	51	46
Shanghai	0	0	0	0	0	0	0	0	0	0	0
Anhui	11	10	9	8	8	8	2	20	26	25	25
Central	12	12	11	10	9	8	7	8	8	8	7
Hubei	11	12	11	10	9	8	7	8	8	8	7
Hunan	1	1	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0
South	1	1	2	2	1	1	1	1	1	1	1
Guangdong	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0
Fujian	1	2	2	2	1	1	1	1	1	1	1
Hainan	0	0	0	0	0	0	0	0	0	0	0
Southwest	29	29	24	24	25	25	26	33	41	47	52
Sichuan	19	17	14	14	15	15	16	20	25	26	27
Guizhou	2	2	1	1	1	1	1	1	2	2	3
Yunnan	8	9	8	8	8	8	8	11	13	18	22
Xizang	0	1	1	1	1	1	1	1	2	0	1
Sum of above	740	742	720	727	756	867	1,159	1,441	1,660	1,690	1,633
SSB total	740	743	721	726	757	865	1,174	1,441	1,660	1,690	1,633

[1] Apple area statistics exclude wild orchards.

Sources: (2, p. 115), (5, p. 52), (6, p. 98), (7, p. 158), (8, p. 196), (9, p. 235), (10, p. 249), (11, p. 276), (12, p. 279), (13, p. 309), and (39, p. 77).

Table 103--Banana production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	67	53	121	194	193	285	598	1,197	1,981	1,781	1,359	1,409
Guangdong	56	38	91	135	143	231	498	965	1,504	1,312	1,032	1,054
Guangxi	7	10	17	36	34	30	57	172	358	256	136	166
Fujian	4	5	14	24	17	23	43	60	120	146	141	137
Hainan[2]	na	na	na	na	na	na	na	na	na	67	50	52
Southwest	8	7	5	7	13	15	33	55	48	49	45	47
Sichuan	0	0	0	0	0	0	0	0	0	0	0	0
Guizhou	1	0	2	3	3	2	3	5	6	6	7	8
Yunnan	7	7	3	4	11	13	30	50	42	43	38	39
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	74	60	126	201	207	300	631	1,252	2,029	1,830	1,404	1,456
SSB total	74	61	126	201	207	300	631	1,251	2,030	1,830	1,404	1,456

[1] Banana production data exclude output harvested from wild banana trees.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (6, p. 97), (9, p. 236), (10, p. 250), (11, p. 277), (34, p. 369), (35, p. 351), and (40, p. 81)

Table 104--Banana area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0
Shaanxi	0	0	0	0	0	0	0	0	0	0	0
Gansu	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0		0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0
South	3	3	8	10	15	38	60	143	131	100	99
Guangdong	1	1	3	4	8	27	43	113	92	71	69
Guangxi	2	1	3	3	3	4	9	18	17	10	10
Fujian	1	1	2	2	4	7	9	12	13	12	12
Hainan[2]	na	na	na	na	na	na	na	na	9	8	8
Southwest	1	2	2	4	4	9	11	10	11	10	10
Sichuan	0	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	1	1	1	1	1	1	1	1	2
Yunnan	1	2	1	3	3	8	11	9	10	9	8
Xizang	0	0	0	0	0	0	0	0	0	0	0
Sum of above	5	5	9	13	19	47	72	153	142	111	109
SSB total	5	5	9	13	19	47	72	153	142	111	109

[1] Banana area statistics exclude wild banana trees that may be harvested.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 115), (5, p. 52), (6, p. 98), (9, p. 235), (10, p. 249), (11, p. 276), (12, p. 279), (13, p. 309), (39, p. 78), and (40, p. 86).

Table 105--Citrus production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	0	0	0	0	0	0	1	1	1
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	1	1	1
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	1	3	3	3	5	3	5	5	8	6	13	10
Shaanxi	1	3	2	3	5	3	5	5	8	6	12	9
Gansu	0	0	1	0	0	0	0	0	1	0	1	1
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	129	98	136	143	197	198	315	392	598	310	804	861
Zhejiang	112	91	121	129	172	179	285	362	549	286	725	797
Jiangsu	15	6	14	13	22	16	24	21	33	9	41	31
Shanghai	1	0	1	1	1	3	3	6	10	13	30	26
Anhui	1	0	1	1	2	2	3	3	5	2	8	7
Central	110	96	145	202	314	324	287	619	732	408	1,094	773
Hubei	16	16	22	33	71	58	77	105	172	60	273	131
Hunan	61	51	79	122	186	210	141	402	435	256	648	466
Jiangxi	33	29	44	46	57	56	69	112	126	92	174	176
South	160	245	271	344	335	499	608	910	1,146	1,310	1,715	2,266
Guangdong	41	117	120	158	179	267	366	552	723	901	1,096	1,514
Guangxi	87	93	105	127	103	147	139	222	234	196	291	341
Fujian	32	35	46	59	54	85	103	136	189	208	323	407
Hainan[2]	na	na	na	na	na	na	na	na	na	4	5	4
Southwest	155	271	243	247	446	474	593	622	739	526	935	943
Sichuan	147	261	234	238	431	458	575	600	711	499	894	902
Guizhou	4	5	5	4	8	8	9	13	16	15	24	22
Yunnan	3	4	4	5	7	8	9	9	11	12	17	19
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	555	713	798	939	1,296	1,498	1,808	2,548	3,224	2,560	4,561	4,855
SSB total	555	713	798	939	1,296	1,499	1,808	2,548	3,224	2,560	4,561	4,855

[1] Citrus production includes all citrus fruits (all varieties of orange, tangerine, grapefruit, and other citrus fruit). It excludes output harvested from wild groves.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (6, p. 97), (7, p. 160), (8, p. 198), (9, p. 236), (10, p. 250), (11, p. 277), (34, p. 369), (35, p. 351), and (39, p. 72).

Table 106--Citrus area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0
North	0	0	0	1	1	1	2	2	3	5	6
Shandong	0	0	0	0	0	0	0	0	0	0	0
Hebei	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	1	1	1	2	2	3	5	6
Shanxi	0	0	0	0	0	0	0	0	0	0	0
Northwest	2	2	3	3	5	7	12	13	15	15	15
Shaanxi	2	2	3	3	5	7	11	12	14	14	14
Gansu	0	0	0	0	0	0	2	1	1	1	1
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	29	35	50	56	64	82	106	124	128	130	133
Zhejiang	26	32	47	51	58	74	97	112	116	119	122
Jiangsu	1	1	2	2	2	4	4	4	4	3	4
Shanghai	0	0	1	1	1	1	2	3	3	3	3
Anhui	1	1	1	2	3	3	3	4	4	5	4
Central	88	106	122	127	138	157	193	243	277	308	327
Hubei	18	21	23	27	32	41	53	66	72	80	86
Hunan	7	67	70	70	74	81	98	126	143	159	169
Jiangxi	14	19	28	31	32	35	42	52	63	69	72
South	52	63	70	82	94	138	209	321	359	383	388
Guangdong	16	20	21	24	32	61	96	177	192	199	193
Guangxi	17	21	23	28	29	33	45	56	65	69	72
Fujian	19	21	26	30	33	44	69	88	100	113	120
Hainan[2]	na	na	na	na	na	na	na	na	3	3	3
Southwest	44	54	78	84	100	122	150	161	173	185	192
Sichuan	40	50	74	80	94	114	136	146	154	163	169
Guizhou	2	2	2	2	3	4	9	9	11	13	14
Yunnan	~	2	2	3	3	4	5	6	8	9	10
Xizang		0	0	0	0	0	0	0	0	0	0
Sum of above	215	260	322	353	401	507	672	864	955	1,026	1,061
SSB total	na	na	na	na	401	507	672	864	955	1,026	1,061

[1] Citrus area includes all cultivated citrus groves (all varieties of orange, tangerine, grapefruit, and other citrus fruit). It excludes wild groves or trees that may be harvested.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 115), (5, p. 53), (6, p. 98), (7, p. 158), (8, p. 196), (9, p. 235), (10, p. 249), (11, p. 276), (12, p. 279), (13, p. 309), and (39, p. 77).

Table 107--Grape production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	10	8	10	11	16	24	25	29	48	73	94	97
Heilongjiang	0	0	0	0	1	1	1	1	1	2	2	3
Liaoning	8	6	8	10	13	20	21	24	35	53	72	74
Jilin	2	1	1	1	2	4	3	4	12	18	20	21
North	47	39	50	69	106	127	151	182	264	329	356	297
Shandong	18	12	16	30	49	56	79	92	141	186	211	139
Hebei	8	8	9	11	12	22	26	31	44	71	67	81
Beijing	6	5	7	7	11	15	11	11	13	11	12	13
Tianjin	1	1	2	2	3	5	6	6	8	11	14	17
Henan	8	9	10	14	24	25	23	35	51	40	40	31
Shanxi	6	4	5	6	7	6	6	7	8	10	11	15
Northwest	59	54	74	89	108	123	160	188	258	287	323	367
Shaanxi	1	1	1	2	2	4	7	16	24	28	24	20
Gansu	0	0	0	0	1	0	0	1	1	2	3	7
Nei Monggol	1	1	1	2	2	2	2	2	3	4	5	6
Ningxia	1	1	1	0	0	1	1	1	2	2	2	3
Xinjiang	55	51	71	85	103	116	150	168	229	251	289	331
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	8	7	12	14	15	15	22	34	57	86	82	79
Zhejiang	0	0	0	0	0	0	2	4	11	20	19	22
Jiangsu	4	3	4	6	7	7	9	13	17	26	27	24
Shanghai	0	0	0	1	1	0	2	2	5	10	16	16
Anhui	4	4	7	8	7	8	9	15	24	30	21	16
Central	1	1	1	1	1	2	2	3	7	7	9	8
Hubei	1	1	1	1	1	1	1	2	2	2	3	3
Hunan	0	0	0	0	0	0	0	0	3	4	4	4
Jiangxi	0	0	0	0	0	1	1	1	1	1	1	1
South	1	0	1	1	1	1	2	1	1	2	2	3
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	1	0	0	1	1	1	2	2	3
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	1	1	1	1	2	3	3	5	5	8	8	8
Sichuan	0	0	0	0	0	0	0	0	0	0	0	0
Guizhou	1	1	1	1	1	1	1	2	3	3	3	3
Yunnan	0	0	0	0	1	2	2	3	3	5	5	5
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	126	110	148	187	248	295	365	442	641	792	874	859
SSB total	126	110	148	186	247	294	361	442	641	792	874	859

[1] Grape production data exclude fruit that may be harvested from wild vineyards or vines.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (6, p. 97), (7,p. 160), (8, p. 198), (9, p. 236), (10, p. 250), (11, p. 278), (34, p. 369), (35, p. 351), and (39, p. 73).

Table 108--Grape area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	3	3	5	7	9	10	10	12	15	15	15
Heilongjiang	0	0	1	1	1	1	1	1	1	1	1
Liaoning	2	2	4	4	5	6	6	7	8	8	8
Jilin	1	1	1	2	2	3	3	4	5	5	6
North	11	13	22	27	28	38	52	63	64	60	48
Shandong	3	5	10	13	12	14	20	26	26	23	19
Hebei	3	4	4	5	5	9	11	15	16	16	15
Beijing	0	0	1	1	2	2	2	2	2	2	2
Tianjin	0	0	1	1	1	2	2	2	2	2	2
Henan	3	3	3	5	5	8	13	14	11	12	5
Shanxi	2	2	2	2	2	3	4	6	6	6	6
Northwest	12	12	17	21	23	33	44	53	52	47	45
Shaanxi	1	1	1	3	3	5	6	6	5	4	3
Gansu	0	0	0	1	1	1	1	5	2	1	2
Nei Monggol	0	0	0	0	0	0	1	1	1	1	1
Ningxia	0	0	0	0	1	1	1	1	1	1	1
Xinjiang	11	11	14	17	18	26	35	41	43	40	38
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	2	2	3	3	3	5	8	11	12	11	10
Zhejiang	0	0	0	0	0	1	2	2	3	3	2
Jiangsu	1	1	1	1	2	2	3	3	4	4	3
Shanghai	0	0	0	0	0	0	1	1	1	1	1
Anhui	1	1	1	1	1	2	3	4	5	4	4
Central	0	0	0	0	0	0	1	2	2	3	3
Hubei	0	0	0	0	0	0	1	1	1	2	1
Hunan	0	0	0	0	0	0	0	1	1	1	1
Jiangxi	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	1	1	1	1	1
Guangdong	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	1	1	1	1	1
Hainan	0	0	0	0	0	0	0	0	0	0	0
Southwest	0	0	0	1	1	1	1	1	1	1	1
Sichuan	0	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	1	1
Yunnan	0	0	0	1	1	1	1	1	1	1	1
Xizang	0	0	0	0	0	0	0	0	0	0	0
Sum of above	29	32	47	59	64	87	115	143	147	139	123
SSB total	na	na	na	na	64	87	115	143	147	139	123

[1] Grape area data exclude wild vineyards or vines that may be harvested.

Sources: (2, p. 115), (5, p. 53), (6, p. 98), (7, p. 158), (8, p. 196), (9, p. 235), (10, p. 249), (11, p. 250), (12, p. 279), (13, p. 309), and (39, p. 78).

Table 109--Pear production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	232	125	178	139	226	211	203	203	224	247	222	233
Heilongjiang	0	0	0	0	1	1	0	1	1	1	1	11
Liaoning	213	110	162	129	201	188	173	172	178	195	174	167
Jilin	18	15	16	10	25	22	30	30	46	51	47	55
North	787	798	922	1,020	1,017	1,236	1,216	1,378	1,434	1,528	1,386	1,250
Shandong	260	292	271	313	305	346	296	319	343	394	359	315
Hebei	380	360	492	526	550	679	738	874	904	925	825	763
Beijing	39	31	47	41	44	54	45	45	49	58	64	59
Tianjin	8	7	9	9	9	11	10	11	16	17	14	12
Henan	41	53	41	63	52	55	64	51	54	53	55	37
Shanxi	59	56	61	69	57	90	63	78	68	83	69	63
Northwest	30	70	62	79	71	89	131	125	131	161	173	178
Shaanxi	8	13	8	13	9	10	12	14	17	20	21	21
Gansu	10	36	27	33	27	36	44	54	47	59	63	63
Nei Monggol	3	4	5	5	7	6	12	10	13	13	14	13
Ningxia	1	3	2	3	2	3	3	4	4	4	4	5
Xinjiang	6	11	15	20	22	29	53	38	43	56	63	71
Qinghai	2	3	4	5	4	6	7	5	7	8	7	6
East	194	238	207	278	225	260	283	302	325	377	361	307
Zhejiang	34	46	32	44	34	29	41	31	28	36	32	28
Jiangsu	87	112	102	137	117	143	146	161	181	186	187	150
Shanghai	21	23	18	24	11	15	19	13	13	15	13	11
Anhui	52	56	54	73	64	73	77	97	103	139	130	117
Central	88	82	65	76	79	70	111	96	113	108	117	97
Hubei	41	43	27	44	36	37	58	56	77	68	75	60
Hunan	30	25	25	19	27	23	36	24	22	23	25	21
Jiangxi	16	14	13	13	15	10	17	16	14	18	17	16
South	16	27	28	19	19	24	22	34	27	31	39	48
Guangdong	8	5	7	5	5	6	7	10	7	9	11	13
Guangxi	3	15	14	8	9	12	7	16	12	13	17	22
Fujian	5	6	8	6	6	7	8	8	8	8	11	13
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	91	127	132	144	158	210	171	212	235	269	267	240
Sichuan	39	59	48	63	65	82	76	81	94	105	108	106
Guizhou	12	12	17	13	19	21	23	32	35	39	39	36
Yunnan	41	56	67	68	74	107	72	99	105	125	120	98
Xizang	0	0	0	0	0	0	0	0	0	1	0	0
Sum of above	1,438	1,466	1,593	1,755	1,795	2,100	2,137	2,350	2,489	2,721	2,565	2,353
SSB total	1,438	1,466	1,593	1,755	1,795	2,100	2,137	2,348	2,489	2,721	2,565	2,353

[1] Pear production data exclude output that may be harvested from wild orchards or trees.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (6, p. 97), (7, p. 160), (8, p. 198), (9, p. 236), (10, p. 250), (11, p. 277), (34, p. 369), (35, p. 351), and (39, p. 72).

Table 110--Pear area, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	67	67	64	63	64	64	66	69	75	79	82
Heilongjiang	0	0	0	0	0	0	0	1	1	1	1
Liaoning	61	61	59	57	58	59	60	61	63	62	62
Jilin	6	6	5	5	5	5	6	8	12	16	18
North	120	121	124	127	132	160	200	223	241	226	211
Shandong	34	32	31	31	29	31	34	37	40	40	38
Hebei	55	57	58	61	67	89	123	139	151	136	127
Beijing	3	4	5	6	6	7	7	7	7	7	7
Tianjin	2	2	2	2	2	2	2	3	3	3	3
Henan	13	13	13	12	11	11	12	13	13	13	10
Shanxi	13	14	15	15	17	20	22	25	27	27	26
Northwest	20	21	20	20	21	27	34	44	55	60	65
Shaanxi	5	5	5	5	5	5	7	10	12	12	13
Gansu	6	6	5	5	6	9	13	16	21	22	25
Nei Monggol	4	4	4	3	4	4	4	5	7	9	11
Ningxia	1	1	1	1	1	1	1	1	1	1	1
Xinjiang	4	5	5	5	5	7	9	11	13	14	14
Qinghai	1	1	1	1	1	1	1	1	1	1	1
East	31	32	31	30	30	31	36	40	45	43	41
Zhejiang	7	7	7	7	7	7	7	8	8	8	7
Jiangsu	12	12	12	12	13	13	14	15	17	16	15
Shanghai	1	1	1	1	1	1	1	1	1	1	1
Anhui	10	11	11	9	10	10	14	17	19	18	18
Central	34	33	31	29	25	25	22	24	24	24	24
Hubei	16	16	15	14	13	13	12	13	14	14	14
Hunan	11	10	9	8	7	7	7	6	6	6	6
Jiangxi	8	8	7	7	5	5	4	4	4	4	5
South	10	6	6	6	6	10	13	15	15	16	16
Guangdong	3	0	0	0	0	5	7	8	8	8	8
Guangxi	2	2	2	2	2	1	2	2	2	2	2
Fujian	5	5	4	4	4	4	4	5	5	5	6
Hainan[2]	na	na	na	na	na	na	na	na	0	0	0
Southwest	19	19	21	20	23	22	24	27	32	34	42
Sichuan	9	8	9	8	10	10	11	12	16	18	25
Guizhou	1	1	1	1	1	1	2	2	2	3	3
Yunnan	9	9	10	10	12	11	11	12	13	13	14
Xizang	0	0	0	0	0	0	0	0	0	0	0
Sum of above	301	299	297	295	301	339	395	441	487	482	481
SSB total	na	na	na	na	301	338	395	442	487	482	481

[1] Pear area data exclude wild orchards or trees that may be harvested.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 115), (5, p. 53), (6, p. 98), (7, p. 158), (8, p. 196), (9, p. 235), (10, p. 249), (11, p. 276), (12, p. 279), (13, p. 309), and (39, p. 78).

Table 111--Persimmon production, by region and province, China, selected years, 1979-90[1]

Region/province	1979	1981	1982	1984	1985	1986	1987	1988	1989	1990
					1,000 tons					
Northeast	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0
North	334	304	270	396	422	385	449	409	352	303
Shandong	60	59	62	85	89	72	86	83	66	65
Hebei	54	46	43	108	102	84	113	91	70	57
Beijing	34	21	14	38	31	24	36	28	37	26
Tianjin	4	4	4	10	14	10	16	8	13	4
Henan	135	128	101	77	94	106	102	99	97	82
Shanxi	48	47	46	79	91	89	96	99	68	67
Northwest	90	111	124	108	126	135	152	166	135	146
Shaanxi	88	105	113	99	117	122	143	150	125	133
Gansu	2	6	11	9	10	13	10	16	10	13
Nei Monggol	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0
East	17	18	17	19	25	29	32	37	40	52
Zhejiang	9	9	7	7	10	9	9	10	8	12
Jiangsu	3	3	5	7	10	12	14	17	22	30
Shanghai	0	0	0	0	0	0	0	0	0	0
Anhui	5	5	5	5	6	8	10	11	10	11
Central	38	39	33	33	54	41	57	45	44	36
Hubei	36	33	28	27	46	31	48	36	36	26
Hunan	2	2	2	3	4	5	5	4	4	4
Jiangxi	0	3	3	3	4	5	5	5	5	6
South	18	23	25	32	35	41	45	47	49	59
Guangdong	7	8	10	13	15	15	17	20	20	25
Guangxi	7	9	10	13	13	18	21	19	21	25
Fujian	5	6	6	7	7	8	7	7	8	9
Hainan[2]	na	na	na	na	na	na	na	0	0	0
Southwest	9	11	13	20	18	23	25	29	30	28
Sichuan	0	0	0	0	0	0	0	0	0	0
Guizhou	4	5	4	5	6	11	11	13	14	11
Yunnan	5	6	8	15	11	12	14	16	16	17
Xizang	0	0	0	0	0	0	0	0	0	0
Sum of above	507	506	482	608	680	654	761	733	650	625
SSB total	507	506	482	608	680	656	761	733	650	625

[1] Persimmon production data exclude fruit harvested from wild persimmon stands or trees.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 114), (4, p. 46), (5, p. 50), (7, p. 160), (8, p. 198), (9, p. 236), (10, p. 250), (11, p. 278), (12, p. 280), and (13, p. 310).

Chapter 5

China's Livestock Statistics

This chapter includes national-level statistics on China's yearend inventory, slaughter, and carcass weight of hogs, sheep, goat, and cattle. Other national statistics cover large animal inventory, livestock products, and state procurement of live animals and livestock products. Provincial-level statistics include production of beef, pork, mutton, cow's milk, goat's milk, egg, honey, poultry meat, and rabbit meat. Additional provincial statistics cover hog and sow inventory, hog slaughter, hog slaughter rate, yellow cattle inventory, water buffalo inventory, dairy cattle inventory, cattle slaughter, sheep inventory, goat inventory, sheep and goat slaughter, and inventory of horses, camels, and mules.

Table 112--Hog, sheep, and goat yearend inventory, slaughter, and carcass weight, China, 1949-90

Year	Hog				Sheep and goat					
	Yearend inventory	Total slaughter	Slaughter rate[1]	Carcass weight	Yearend inventory			Total slaughter	Slaughter rate[1]	Carcass weight
					Total	Goat	Sheep			
	-- 1,000 head --		Percent	Kilograms	-------- 1,000 head --------				Percent	Kilograms
1949	57,750	na	na	na	42,350	16,130	26,220	na	na	na
1950	64,010	na	na	na	46,730	18,210	28,520	na	na	na
1951	74,400	na	na	na	52,870	20,980	31,890	na	na	na
1952	89,770	65,450	88	na	61,780	24,900	36,880	na	na	na
1953	96,130	69,260	77	na	72,020	29,200	42,820	na	na	na
1954	101,720	74,150	77	na	81,300	33,150	48,150	na	na	na
1955	87,920	64,250	63	na	84,220	34,010	50,210	na	na	na
1956	84,030	61,570	70	na	91,650	38,550	53,100	na	na	na
1957	145,900	71,310	85	na	98,580	45,150	53,430	na	na	na
1958	138,290	88,000	60	na	95,680	45,330	50,350	na	na	na
1959	120,420	67,860	49	na	111,650	49,760	61,890	na	na	na
1960	82,270	43,460	36	na	112,810	51,170	61,640	na	na	na
1961	75,520	33,000	40	na	123,870	63,120	60,750	na	na	na
1962	99,970	43,000	57	na	134,650	70,530	64,120	na	na	na
1963	131,800	78,000	78	na	137,470	67,730	69,740	na	na	na
1964	152,470	105,000	80	na	136,690	62,240	74,450	na	na	na
1965	166,930	121,670	80	na	139,030	60,770	78,260	na	na	na
1966	193,360	131,870	79	na	138,080	na	na	na	na	na
1967	190,060	133,780	69	na	144,330	na	na	na	na	na
1968	178,630	131,140	69	na	144,210	na	na	na	na	na
1969	172,510	126,200	71	na	140,210	na	na	na	na	na
1970	206,100	125,930	73	na	147,040	61,410	85,630	na	na	na
1971	250,350	147,980	72	na	150,110	62,780	87,330	na	na	na
1972	263,680	165,980	66	na	149,320	61,340	87,980	na	na	na
1973	257,940	166,840	63	na	157,280	64,100	93,180	na	na	na
1974	260,780	162,440	63	na	160,870	66,170	94,700	na	na	na
1975	281,170	162,300	62	na	163,370	68,040	95,330	na	na	na
1976	287,250	166,500	59	na	158,170	65,460	92,710	na	na	na
1977	291,780	167,870	58	na	161,360	67,830	93,530	na	na	na
1978	301,285	161,095	55	na	169,940	73,540	96,397	26,217	16	na
1979	319,705	187,675	62	53	183,142	80,574	102,568	35,434	19	11
1980	305,431	198,607	62	57	187,311	80,684	106,627	42,419	23	11
1981	293,702	194,947	64	70	187,730	78,264	109,466	44,814	24	11
1982	300,783	200,627	63	63	181,790	75,222	106,568	48,742	26	11
1983	298,536	206,614	69	64	166,951	68,035	98,916	49,237	27	11
1984	306,792	220,471	74	66	158,400	63,207	95,193	50,805	30	12
1985	331,400	238,752	78	69	155,884	61,674	94,210	50,810	32	12
1986	337,191	257,215	78	70	166,229	67,220	99,009	52,271	34	12
1987	327,733	261,770	78	70	180,342	77,687	102,655	60,529	36	12
1988	342,218	275,700	84	73	201,527	90,956	110,571	68,272	34	12
1989	352,810	290,233	85	73	211,642	98,134	113,508	81,229	40	12
1990	362,408	309,910	88	na	210,021	97,205	112,816	89,314	42	na

[1] Slaughter divided by beginning inventory.

Sources: (2, p. 40), (3, p. 47), (8, pp. 207-208), (10, pp. 277-278), (11, pp. 310-313), (12, p. 303), (13, p. 334), (28, p. 161), (30, p. 189), (35, pp. 357--358), (55, pp. 30-32), and (56, pp. 244-245).

Table 113--Cattle yearend inventory, calves born, slaughter, and carcass weight, China, 1949-90

Year	Yearend cattle inventory							Total cattle		
	Total	Yellow cattle[1]		Water buffalo		Dairy cattle		Slaughter	Slaughter rate[3]	Carcass weight
		Total	Calves born[2]	Total	Calves born[2]	Total	Calves born[2]			
	1,000 head								Percent	Kilograms
1949	43,936	33,752	na	10,184	na	na	na	na	na	na
1950	48,103	37,188	na	10,915	na	na	na	na	na	na
1951	52,088	40,619	na	11,469	na	na	na	na	na	na
1952	56,600	44,961	na	11,640	na	na	na	na	na	na
1953	60,083	47,923	na	12,160	na	na	na	na	na	na
1954	63,623	51,176	na	12,447	na	na	na	na	na	na
1955	65,951	53,481	na	12,471	na	na	na	na	na	na
1956	66,601	53,992	na	12,609	na	na	na	na	na	na
1957	63,612	50,485	na	13,127	na	na	na	na	na	na
1958	59,069	46,167	na	12,902	na	na	na	na	na	na
1959	61,094	48,181	na	12,913	na	na	na	na	na	na
1960	57,443	45,361	na	12,082	na	na	na	na	na	na
1961	55,005	43,588	na	11,417	na	na	na	na	na	na
1962	55,717	44,246	na	11,471	na	na	na	na	na	na
1963	59,680	47,666	na	12,014	na	na	na	na	na	na
1964	63,158	50,566	na	12,592	na	na	na	na	na	na
1965	66,951	53,573	na	13,378	na	na	na	na	na	na
1966	na	na	na	na	na	na	na	na	na	na
1967	na	na	na	na	na	na	na	na	na	na
1968	na	na	na	na	na	na	na	na	na	na
1969	na	na	na	na	na	na	na	na	na	na
1970	73,583	57,152	na	16,431	na	na	na	na	na	na
1971	73,986	57,339	na	16,647	na	na	na	na	na	na
1972	73,866	57,224	8,928	16,642	2,899	na	na	na	na	na
1973	74,676	57,128	8,291	17,159	2,542	389	42	na	na	na
1974	74,554	56,841	7,763	17,369	2,421	344	44	na	na	na
1975	73,547	55,430	7,333	17,669	2,422	448	66	na	na	na
1976	71,693	53,825	7,059	17,444	2,253	425	58	na	na	na
1977	70,398	52,723	6,944	17,229	2,163	447	71	na	na	na
1978	70,724	52,528	7,123	17,723	2,322	475	90	2,401	na	na
1979	71,346	52,412	6,732	18,377	2,498	557	145	2,958	4	78
1980	71,676	52,515	6,824	18,520	2,267	641	131	3,322	4	81
1981	73,301	53,833	6,736	18,770	2,011	698	142	3,016	4	83
1982	76,073	56,112	7,699	19,144	2,090	817	184	3,096	4	86
1983	78,084	57,984	8,060	19,149	2,015	951	220	3,472	5	91
1984	82,128	61,286	na	19,506	na	1,336	na	3,869	5	96
1985	86,820	65,259	10,190	19,934	2,444	1,627	348	4,565	6	102
1986	91,667	69,384	11,324	20,437	2,525	1,846	425	5,550	6	106
1987	94,651	71,589	11,821	20,898	2,595	2,164	493	7,403	8	107
1988	97,948	74,659	12,581	21,067	2,593	2,222	673	8,580	9	112
1989	100,752	76,831	13,390	21,395	2,640	2,526	576	9,430	10	114
1990	102,884	78,503	13,872	21,690	2,713	2,691	645	10,883	11	na

[1] Yellow cattle is a generic name for all of China's native cattle. Data may also include yaks (*maoniu*). [2] Number of calves born within that calendar year. [3] Slaughter divided by beginning inventory.

Sources: (2, p. 118), (3, p. 46), (4, pp. 56, 58-60), (8, pp. 207-208), (10, pp. 248-249), (11, pp. 310, 313), (12, p. 307), (13, pp. 338-340), (27, p. 154), (30, pp. 207-208), (31, p. 179), (32, p. 261), (33, pp. 212-214), (35, pp. 358-359), (55, pp. 22-23, 31), and (56, pp. 243, 246-248).

Table 114--Large animal yearend inventory, China, 1949-90

Year	Total[1]	Animals for draft use[2]	Cattle[3]	Horses	Donkeys	Mules	Camels
			1,000 head				
1949	60,023	40,400	43,936	4,875	9,494	1,471	247
1950	65,380	na	48,103	5,217	10,317	1,497	246
1951	70,410	na	52,088	5,486	11,016	1,553	266
1952	76,460	51,420	56,600	6,130	11,806	1,637	285
1953	80,760	54,790	60,083	6,512	12,115	1,645	301
1954	85,300	57,240	63,623	6,939	12,700	1,717	320
1955	87,750	55,710	65,951	7,312	12,402	1,723	357
1956	87,730	54,740	66,601	7,372	11,686	1,711	363
1957	83,820	53,680	63,612	7,302	10,864	1,679	365
1958	77,680	49,920	59,069	6,893	9,773	1,571	373
1959	79,120	46,600	61,094	7,058	9,030	1,547	387
1960	73,360	41,240	57,443	6,585	7,527	1,427	381
1961	69,490	38,180	55,005	6,211	6,565	1,332	378
1962	70,200	40,180	55,717	6,320	6,454	1,324	386
1963	75,050	40,330	59,680	6,865	6,746	1,355	402
1964	79,430	41,520	63,158	7,394	7,048	1,403	425
1965	84,210	43,220	66,951	7,921	7,438	1,447	448
1966	87,400	na	na	na	na	na	na
1967	89,820	na	na	na	na	na	na
1968	91,790	na	na	na	na	na	na
1969	92,280	na	na	na	na	na	na
1970	94,360	49,350	73,583	9,648	8,400	2,245	487
1971	95,370	49,900	73,986	9,926	8,513	2,444	505
1972	95,760	51,450	73,866	10,341	8,353	2,682	515
1973	97,180	51,400	74,676	10,730	8,350	2,923	500
1974	97,530	51,910	74,554	11,103	8,233	3,139	504
1975	96,860	51,220	73,547	11,299	8,127	3,354	535
1976	94,980	50,420	71,693	11,438	7,766	3,536	545
1977	93,750	49,790	70,398	11,447	7,630	3,715	564
1978	93,892	50,230	70,724	11,245	7,481	3,868	574
1979	94,591	50,290	71,346	11,145	7,473	4,023	604
1980	95,246	50,880	71,676	11,042	7,748	4,166	614
1981	97,641	54,710	73,301	10,972	8,415	4,325	628
1982	101,127	58,333	76,073	10,981	8,999	4,464	610
1983	103,496	61,250	78,084	10,806	9,449	4,593	564
1984	108,389	64,032	82,128	10,978	9,962	4,790	531
1985	113,818	66,464	86,820	11,081	10,415	4,972	530
1986	118,961	69,050	91,667	10,988	10,689	5,113	504
1987	121,911	71,131	94,651	10,691	10,846	5,248	475
1988	125,378	72,191	97,948	10,540	11,052	5,366	472
1989	128,048	74,320	100,752	10,294	11,136	5,391	475
1990	130,213	76,060	102,884	10,174	11,198	5,494	463

[1] Total is the sum of cattle, horses, donkeys, mules, and camels.
[2] Draft use includes animals used for field preparation and for hauling.
[3] Includes yellow cattle, water buffalo, yaks, and dairy cattle (local and hybrid breeds).

Sources: (8, pp. 207-208), (31, pp. 179-180), (32, pp. 261-262), (33, pp. 214-215), (35, p. 358), and (55, p. 21).

Table 115—Livestock food product output, China, 1949–90

Year	Red meat[1]				Poultry meat[3]	Milk		Eggs[4]
	Total	Pork[2]	Mutton	Beef		Cow	Goat	
				1,000 tons				
1949	2,200	na	na	na	na	na	na	na
1950	na	na	na	na	na	na	na	na
1951	na	na	na	na	na	na	na	na
1952	3,385	3,355	na	na	na	na	na	na
1953	na	3,515	na	na	na	na	na	732
1954	na	3,570	na	na	na	na	na	758
1955	na	3,000	na	na	na	na	na	815
1956	3,400	2,890	na	na	na	na	na	852
1957	3,985	3,230	na	na	na	na	na	na
1958	na	3,405	na	na	na	na	na	na
1959	na	2,040	na	na	na	na	na	na
1960	na	1,015	na	na	na	na	na	na
1961	na	930	na	na	na	na	na	na
1962	1,940	1,475	na	na	na	na	na	na
1963	na	2,910	na	na	na	na	na	na
1964	na	3,915	na	na	na	na	na	na
1965	5,510	4,520	na	na	na	na	na	na
1966	5,960	5,195	na	na	na	na	na	na
1967	na	5,200	na	na	na	na	na	na
1968	na	5,090	na	na	na	na	na	na
1969	na	4,705	na	na	na	na	na	na
1970	5,965	4,925	na	na	na	na	na	na
1971	na	5,905	na	na	na	na	na	na
1972	na	6,515	na	na	na	571	na	na
1973	na	6,730	na	na	na	807	81	na
1974	na	6,905	na	na	na	866	120	na
1975	7,970	6,990	na	na	na	889	104	na
1976	7,805	6,870	na	na	na	885	94	na
1977	7,800	6,840	na	na	na	877	89	na
1978	8,563	7,890	360	310	na	883	88	na
1979	10,624	10,014	380	230	na	1,070	237	na
1980	12,054	11,341	445	269	na	1,141	226	2,566
1981	12,609	11,884	476	249	na	1,291	258	na
1982	13,508	12,718	524	266	na	1,618	341	2,809
1983	14,021	13,161	545	315	na	1,845	374	3,323
1984	15,406	14,447	586	373	1,490	2,186	410	4,316
1985	17,607	16,547	593	467	1,602	2,499	395	5,347
1986	19,171	17,960	622	589	1,879	2,899	430	5,550
1987	19,860	18,349	719	792	2,194	3,301	487	5,902
1988	21,936	20,176	802	958	2,744	3,660	529	6,955
1989	23,262	21,228	962	1,072	2,820	3,813	545	7,198
1990	25,135	22,811	1,068	1,256	3,229	4,157	594	7,946

[1] Beef, pork, and mutton output are in carcass weight, excluding head, hooves, and offal.

[2] 1952–77 are consumption rather than output data.

[3] Poultry meat output includes meat from all poultry varieties (chicken, duck, goose, and others). The number for 1984 is probably revised (see table 120 for the unrevised number).

[4] Includes chicken and duck eggs, and may include other minor eggs (goose, pigeon, and others).

Sources: (8, pp. 207–208), (9, p. 179), (10, p. 261), (11, pp. 213–214), (35, p. 358), (55, pp. 33–34), and (56, p. 241).

Table 116--State procurement of live animals and livestock products, China, 1952–90[1]

Year	Live hogs	Live cattle	Live sheep and goats	Eggs	Wool and mohair	Cattle hides	Goat skins	Sheep skins	Pig casings	Hog bristles
	1,000 head			1,000 tons		1,000 pieces				Cases
1952	37,427	1,258	5,227	194	33	2,720	5,023	1,766	28,430	100
1953	43,842	1,418	6,316	230	35	3,556	4,966	1,883	16,640	97
1954	48,557	1,600	7,366	262	41	4,229	6,229	4,797	31,000	93
1955	41,857	2,297	7,722	278	45	7,616	7,675	7,741	36,440	88
1956	39,729	2,566	9,524	333	51	7,582	10,953	9,513	35,360	84
1957	40,500	2,439	9,669	390	49	6,710	10,485	7,443	39,460	78
1958	46,732	2,462	13,670	405	62	4,798	19,307	10,630	48,460	94
1959	33,998	2,429	11,297	160	65	6,107	11,876	11,070	32,500	46
1960	19,913	2,087	9,605	142	68	5,493	9,454	10,409	17,670	50
1961	8,701	898	8,388	130	47	2,974	6,710	7,015	6,620	16
1962	19,298	626	10,878	219	54	1,982	28,847	9,275	16,000	25
1963	40,151	696	14,168	375	72	2,400	34,250	11,150	43,460	75
1964	62,667	845	13,642	443	78	2,750	26,754	12,179	71,200	172
1965	78,595	1,244	12,674	488	82	3,137	20,810	11,800	60,067	131
1966	86,448	1,481	11,356	539	84	3,789	18,080	12,932	51,342	123
1967	87,493	1,327	9,148	480	86	3,955	16,617	11,029	72,662	133
1968	83,470	1,371	10,618	381	85	4,019	19,577	11,988	57,948	140
1969	76,611	1,703	10,397	417	89	5,353	22,113	14,598	50,965	133
1970	75,621	1,651	11,276	453	97	4,469	15,729	13,510	49,607	110
1971	88,166	1,601	10,909	483	102	4,460	17,597	12,906	58,773	98
1972	105,263	1,636	9,858	468	104	4,543	16,898	12,490	77,463	126
1973	101,959	1,524	8,924	478	118	4,492	15,103	11,300	85,120	156
1974	98,434	1,500	9,957	453	131	4,572	17,260	12,768	80,638	150
1975	102,810	1,697	10,579	461	137	5,103	20,677	15,056	81,205	154
1976	103,506	1,610	10,135	450	136	5,351	24,082	16,195	74,730	142
1977	104,166	1,500	11,122	469	138	4,885	23,271	13,250	78,614	156
1978	109,365	1,408	9,983	560	146	5,090	29,030	13,950	83,630	176
1979	135,455	1,903	13,439	985	157	4,260	31,670	12,970	111,684	208
1980	142,500	2,216	16,802	991	169	4,303	39,010	14,696	107,222	208
1981	137,238	2,414	20,682	989	176	3,780	46,060	18,210	93,830	214
1982	144,633	2,341	18,197	1,086	187	3,790	44,000	19,830	82,965	198
1983	143,147	2,716	21,725	1,177	184	4,494	38,980	18,185	80,820	217
1984	152,387	3,965	26,334	1,496	160	5,830	44,980	17,320	83,310	201
1985	160,208	4,638	28,393	1,922	224	5,810	43,260	18,020	91,900	268
1986	173,505	5,320	29,387	2,066	225	5,880	28,300	17,890	151,850	322
1987	180,445	6,650	32,649	2,324	212	6,650	26,489	17,031	123,454	388
1988	172,325	7,553	33,955	2,556	200	8,370	34,760	19,773	128,680	484
1989	175,830	7,583	36,964	2,675	156	5,690	32,660	12,290	131,070	338
1990	185,045	9,095	40,333	2,824	200	8,040	24,360	14,420	135,700	317

[1] Procurement data are on a calendar year basis.

Sources: (27, p. 389, 391–392), (33, pp. 613–614), and (35, pp. 587–588).

Table 117--Beef production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	21	28	25	26	20	17	28	50	70	81	86	122
Heilongjiang	9	16	12	11	7	7	10	15	24	27	29	52
Liaoning	7	5	5	5	4	4	7	12	16	26	27	34
Jilin	5	8	9	10	9	6	11	23	30	28	30	36
North	18	22	25	21	42	64	109	150	232	305	368	455
Shandong	5	9	12	12	24	28	48	52	80	110	138	176
Hebei	5	4	4	2	5	10	19	28	39	44	47	56
Beijing	0	0	0	0	1	1	1	2	3	5	8	9
Tianjin	0	0	0	0	0	1	1	2	3	3	4	4
Henan	6	7	6	5	9	18	30	55	89	122	152	182
Shanxi	1	2	2	2	3	6	10	11	18	21	19	28
Northwest	78	99	88	95	120	139	145	169	215	233	268	281
Shaanxi	4	2	2	2	3	5	6	10	16	22	25	32
Gansu	4	5	5	5	5	9	13	20	26	31	30	35
Nei Monggol	30	46	31	34	44	50	47	51	71	73	93	86
Ningxia	0	0	0	0	0	1	1	2	3	4	5	5
Xinjiang	19	21	26	31	39	43	42	50	54	62	65	71
Qinghai	21	25	23	23	29	31	36	36	45	41	50	52
East	13	15	11	15	18	29	37	52	73	90	98	122
Zhejiang	4	5	3	3	4	5	5	5	5	5	5	5
Jiangsu	4	4	3	4	5	6	6	8	12	13	16	19
Shanghai	0	0	0	1	0	1	1	0	1	1	1	0
Anhui	5	6	5	7	9	17	25	39	55	71	76	98
Central	18	18	13	13	13	15	16	18	23	38	33	39
Hubei	6	5	4	3	3	4	4	5	7	9	10	13
Hunan	4	5	6	8	8	7	7	8	9	14	13	14
Jiangxi	7	8	3	2	2	4	5	5	7	15	10	12
South	16	14	14	17	18	23	35	42	51	62	64	75
Guangdong	8	8	7	9	10	13	15	19	22	25	26	29
Guangxi	5	3	5	6	6	8	11	13	18	24	24	31
Fujian	3	3	2	2	2	2	3	4	5	6	6	7
Hainan[2]	na	na	na	na	na	na	6	6	6	7	8	8
Southwest	66	71	72	77	84	88	97	108	128	149	155	162
Sichuan	29	36	37	38	38	42	41	45	52	59	64	69
Guizhou	4	5	3	4	5	7	8	9	12	20	20	24
Yunnan	12	10	9	9	9	9	14	17	23	27	26	25
Xizang	21	21	23	26	32	30	34	37	41	43	45	44
Sum of above	230	269	248	264	315	375	467	589	792	958	1,072	1,256
SSB total	230	269	249	265	315	373	467	589	792	958	1,072	1,256

[1] Beef output in on a carcass weight basis, excluding head, hooves, and offal.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 119), (3, p. 49), (4, p. 56), (6, p. 115), (7, p.174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (34, p. 378), (35, p. 361), and (53, p. 187).

Table 118--Mutton production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	8	12	13	19	17	18	17	16	18	19	22	34
Heilongjiang	5	8	8	12	11	10	8	5	6	7	7	13
Liaoning	1	2	2	4	4	5	6	6	7	8	10	13
Jilin	2	2	3	3	2	3	3	5	5	4	5	8
North	63	84	107	119	144	157	148	158	195	253	325	374
Shandong	17	31	37	43	55	49	50	56	69	104	133	157
Hebei	10	13	22	24	34	38	37	41	49	59	70	80
Beijing	1	1	1	2	2	3	2	3	3	4	7	9
Tianjin	1	1	1	1	2	3	3	4	5	7	6	8
Henan	24	29	34	35	32	33	34	37	50	65	79	80
Shanxi	8	10	13	14	19	31	22	17	19	24	30	40
Northwest	173	204	201	233	243	268	275	290	321	314	387	418
Shaanxi	5	6	7	10	14	14	14	11	12	16	20	22
Gansu	12	12	13	17	14	21	23	25	31	29	33	38
Nei Monggol	63	77	64	78	87	89	84	87	95	85	127	127
Ningxia	3	4	4	6	5	7	8	10	13	11	16	17
Xinjiang	56	65	73	80	84	95	100	112	122	126	139	158
Qinghai	33	40	40	42	39	42	46	45	48	47	52	56
East	50	52	53	53	49	47	53	58	73	87	107	116
Zhejiang	5	5	5	5	6	5	6	6	7	8	9	10
Jiangsu	22	27	25	24	23	23	26	33	43	53	66	73
Shanghai	2	1	1	1	1	1	1	0	1	1	2	3
Anhui	21	18	23	23	19	18	20	19	22	25	30	30
Central	9	13	12	11	10	11	11	10	12	15	17	16
Hubei	6	8	7	7	7	7	7	6	8	10	12	11
Hunan	2	5	4	4	3	3	3	3	3	4	4	4
Jiangxi	0	0	1	0	0	1	1	1	1	1	1	1
South	6	5	6	6	5	7	7	7	7	10	10	12
Guangdong	1	0	1	1	0	1	1	1	1	1	1	2
Guangxi	3	2	2	2	1	2	2	2	2	2	2	3
Fujian	3	3	3	3	4	4	4	4	4	5	5	5
Hainan[2]	na	1	1	1	1	1	1	2	2	2	2	2
Southwest	72	75	83	81	75	76	81	82	91	94	94	98
Sichuan	32	37	36	34	30	31	32	30	30	33	32	37
Guizhou	5	7	8	7	6	7	5	6	6	10	10	9
Yunnan	7	6	7	8	7	8	10	11	11	11	11	13
Xizang	28	24	32	32	32	30	34	35	44	40	41	39
Sum of above	380	445	475	522	543	584	592	621	717	802	962	1,068
SSB total	380	445	476	524	545	586	593	622	719	802	962	1,068

[1] Mutton includes both sheep and goat meat. Mutton output is on a carcass weight basis, excluding head, hooves, and offal.
[2] Hainan data available beginning in 1980--prior years, included in Guangdong.

Sources: (2, p. 119), (3, p. 49), (4, p. 56), (6, p. 115), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (34, p. 378), and (35, p. 361).

Table 119--Pork production, by region and province, China, 1979--90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	880	1,007	1,031	1,097	1,078	1,084	1,139	1,198	1,149	1,258	1,328	1,525
Heilongjiang	349	348	307	276	286	291	297	311	291	286	296	395
Liaoning	333	423	484	551	540	540	557	570	550	655	683	741
Jilin	198	236	240	270	252	253	285	317	308	317	349	389
North	1,828	2,111	2,186	2,190	2,131	2,418	2,838	3,068	2,993	3,399	3,759	4,089
Shandong	707	862	914	895	866	967	1,096	1,201	1,115	1,286	1,456	1,537
Hebei	327	404	452	460	472	594	763	849	865	982	1,003	1,077
Beijing	112	129	130	136	147	130	132	126	123	135	156	186
Tianjin	52	60	56	53	49	55	59	62	57	60	81	89
Henan	500	494	443	476	437	496	611	650	664	769	881	975
Shanxi	129	162	191	170	160	176	177	180	169	167	182	225
Northwest	483	529	583	587	593	633	782	875	891	939	1,023	1,115
Shaanxi	189	223	247	222	222	225	273	298	291	315	357	391
Gansu	113	123	123	135	128	150	208	248	251	264	279	302
Nei Monggol	115	116	144	162	173	183	218	236	241	252	269	288
Ningxia	12	15	15	17	17	19	24	28	31	34	37	41
Xinjiang	32	33	33	29	31	32	31	33	37	36	41	49
Qinghai	21	20	21	22	22	24	28	32	40	38	40	44
East	2,154	2,383	2,279	2,603	2,516	2,613	2,957	3,047	2,922	3,170	3,240	3,414
Zhejiang	560	688	620	662	676	678	756	800	750	798	810	841
Jiangsu	920	1,038	1,031	1,221	1,149	1,211	1,363	1,358	1,294	1,420	1,430	1,492
Shanghai	192	164	169	203	195	178	169	179	186	178	202	233
Anhui	483	494	459	517	496	546	669	710	692	774	798	848
Central	1,582	1,817	1,909	2,002	2,079	2,477	2,939	3,360	3,530	3,875	4,030	4,240
Hubei	519	541	529	592	618	729	967	1,089	1,131	1,217	1,295	1,351
Hunan	768	914	987	987	1,036	1,240	1,375	1,548	1,626	1,769	1,788	1,877
Jiangxi	294	362	393	423	425	508	597	723	773	889	947	1,012
South	1,185	1,301	1,380	1,563	1,729	1,878	2,019	2,160	2,343	2,615	2,791	3,065
Guangdong	615	668	684	761	845	890	976	1,066	1,141	1,246	1,324	1,453
Guangxi	366	397	426	504	564	618	608	621	691	713	769	872
Fujian	204	237	270	298	320	370	435	473	511	551	592	629
Hainan[2]	na	na	56	61	65	70	87	95	99	105	106	111
Southwest	1,902	2,192	2,461	2,616	2,971	3,275	3,786	4,157	4,422	4,920	5,057	5,363
Sichuan	1,441	1,643	1,819	1,902	2,141	2,340	2,766	3,080	3,278	3,679	3,748	3,967
Guizhou	219	255	305	336	375	434	473	535	579	630	660	680
Yunnan	240	292	336	376	453	499	544	539	562	608	645	711
Xizang	2	2	2	2	2	2	3	3	3	3	4	5
Sum of above	10,014	11,341	11,829	12,658	13,097	14,378	16,460	17,865	18,250	20,176	21,228	22,811
SSB total	10,014	11,341	11,884	12,718	13,161	14,447	16,547	17,960	18,349	20,176	21,228	22,811

[1] Pork output is on dressed carcass weight basis, excluding head, hooves, and offal.
[2] Hainan data available beginning in 1981--prior years, included in Guangdong.

Sources: (2, p. 119), (3, p. 49), (4, p. 56), (6, p. 114), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (34, p. 378), and (35, p. 361).

Table 120--Poultry meat production, by region and province, China, 1984-90[1]

Region/province	1984	1985	1986	1987	1988	1989	1990
				1,000 tons			
Northeast	73	98	116	144	220	234	289
Heilongjiang	25	34	33	42	50	75	96
Liaoning	25	43	53	64	110	95	113
Jilin	23	21	30	38	60	64	80
North	251	192	223	272	394	430	547
Shandong	100	84	98	127	187	205	300
Hebei	29	31	34	38	49	49	58
Beijing	16	19	25	29	55	62	64
Tianjin	5	8	7	8	14	15	16
Henan	96	41	49	59	77	86	94
Shanxi	5	9	10	11	12	13	15
Northwest	31	27	38	43	61	61	65
Shaanxi	19	8	9	12	18	17	20
Gansu	0	4	8	11	15	13	13
Nei Monggol	5	7	10	10	13	13	14
Ningxia	3	1	2	2	4	3	5
Xinjiang	4	5	7	8	10	12	12
Qinghai	0	2	2	0	1	3	1
East	299	446	519	623	774	733	802
Zhejiang	60	67	82	96	109	101	104
Jiangsu	130	204	226	281	361	317	349
Shanghai	21	24	44	69	100	116	139
Anhui	88	151	167	177	204	199	210
Central	286	171	205	232	264	294	326
Hubei	140	38	51	59	71	78	94
Hunan	97	93	106	115	120	134	140
Jiangxi	49	40	48	58	73	82	92
South	267	463	523	583	686	703	802
Guangdong	164	309	353	399	452	465	540
Guangxi	66	102	112	115	123	124	136
Fujian	37	52	58	69	85	87	97
Hainan[2]	na	na	na	na	26	27	29
Southwest	168	205	255	297	345	365	398
Sichuan	79	160	206	238	279	300	332
Guizhou	35	19	21	25	30	30	29
Yunnan	54	26	28	34	36	35	37
Xizang	0	0	0	0	0	0	0
Sum of above	1,375	1,602	1,879	2,194	2,744	2,820	3,229
SSB total[3]	1,490	1,602	1,879	2,194	2,744	2,820	3,229

[1] Poultry meat output includes all varieties of poultry (chicken, duck, goose, and others).
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.
[3] It is unclear why the 1984 SSB total is much larger than the provincial total, though it may be a revised figure. In table 115, the larger SSB number is used for total 1984 poultry meat output.

Sources: (8, p. 217), (9, p. 254), (10, p. 278), (11, p. 311), (12, p. 305), and (13, p. 336).

Table 121--Rabbit meat production, by region and province, China, 1984-90

Region/province	1984	1985	1986	1987	1988	1989	1990
				1,000 tons			
Northeast	18	1	1	1	3	2	2
Heilongjiang	14	0	0	0	0	0	0
Liaoning	4	1	1	1	2	1	1
Jilin	0	0	0	0	1	1	1
North	39	26	28	49	67	59	51
Shandong	14	8	11	19	28	24	24
Hebei	15	9	10	19	25	18	15
Beijing	3	1	0	0	0	0	0
Tianjin	0	0	0	1	1	1	1
Henan	2	2	3	4	5	4	3
Shanxi	5	6	4	6	8	12	8
Northwest	5	4	5	8	8	6	5
Shaanxi	0	1	1	1	1	1	1
Gansu	0	0	1	4	5	3	2
Nei Monggol	5	3	3	3	2	2	2
Ningxia	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0
East	37	9	15	13	10	10	9
Zhejiang	30	2	4	3	2	1	1
Jiangsu	6	4	6	7	6	7	6
Shanghai	0	2	2	1	0	0	0
Anhui	1	1	3	2	2	2	2
Central	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0
South	2	3	4	5	4	5	6
Guangdong	0	0	1	1	0	1	1
Guangxi	0	0	0	0	0	0	0
Fujian	2	3	3	4	4	4	4
Hainan[1]	na	na	na	na	0	0	1
Southwest	17	13	21	25	23	21	23
Sichuan	17	13	21	25	23	21	23
Guizhou	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0
Sum of above	118	56	74	101	115	103	96

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (8, p. 217), (9, p. 254), (10, p. 278), (11, p. 311), (12, p. 305), and (13, p. 336).

Table 122--Cow's milk production, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	186	245	236	404	486	536	582	718	854	1,037	1,108	1,278
Heilongjiang	121	124	151	310	379	400	430	538	663	818	871	1,017
Liaoning	43	97	58	63	73	92	91	103	109	127	130	144
Jilin	22	25	27	31	34	44	61	77	82	92	107	117
North	141	161	180	213	260	323	392	449	515	580	602	662
Shandong	13	13	14	11	19	25	35	40	50	55	60	70
Hebei	23	27	27	35	41	55	73	84	102	109	103	112
Beijing	60	68	76	89	106	126	135	146	155	180	199	217
Tianjin	20	22	26	29	34	39	43	47	53	62	67	76
Henan	9	8	10	13	14	17	23	26	29	30	28	27
Shanxi	17	23	27	36	46	61	83	106	126	144	145	160
Northwest	299	287	360	406	464	546	674	748	890	990	1,049	1,094
Shaanxi	16	17	17	22	27	43	56	70	91	105	93	95
Gansu	20	25	27	27	30	34	43	58	66	69	74	79
Nei Monggol	107	67	119	151	167	200	244	245	268	309	353	370
Ningxia	4	4	4	5	6	8	12	16	23	29	33	41
Xinjiang	56	58	71	78	104	126	164	204	267	287	294	308
Qinghai	96	116	121	123	130	135	155	155	175	191	202	201
East	130	143	166	199	235	295	340	379	413	431	414	452
Zhejiang	31	35	41	55	72	90	105	121	133	122	103	113
Jiangsu	24	27	35	41	48	65	75	82	87	93	84	87
Shanghai	70	73	81	93	103	125	142	154	169	190	200	227
Anhui	5	7	8	10	12	15	18	22	24	26	27	25
Central	36	40	46	50	55	61	66	69	74	79	80	85
Hubei	22	24	26	29	31	34	38	40	41	46	48	52
Hunan	6	7	9	10	10	11	10	10	11	10	10	11
Jiangxi	8	9	12	11	14	16	18	19	22	23	22	22
South	35	42	49	53	62	82	90	99	105	109	108	113
Guangdong	20	23	27	30	33	41	42	46	47	50	51	55
Guangxi	3	5	5	4	5	6	6	7	8	8	8	9
Fujian	12	14	17	19	24	35	42	46	50	50	48	48
Hainan[1]	na	na	na	na	na	na	na	na	na	1	1	1
Southwest	243	223	254	291	284	342	355	437	450	434	452	473
Sichuan	128	132	142	161	178	199	219	243	243	250	260	264
Guizhou	5	5	6	6	6	6	6	7	9	10	10	10
Yunnan	17	15	21	28	27	37	42	48	57	63	67	73
Xizang	93	70	85	96	73	100	88	139	141	111	115	126
Sum of above	1,070	1,141	1,291	1,616	1,846	2,185	2,499	2,899	3,301	3,660	3,813	4,157
SSB total	1,070	1,141	1,291	1,618	1,845	2,186	2,499	2,899	3,301	3,660	3,813	4,157

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 120), (4, p. 57), (6, p. 116), (7, p. 175), (8, p. 210), (9, p. 255), (10, p. 279), (11, p. 312), (34, p. 378), (35, p. 361), and (39, p. 93).

Table 123--Egg production, by region and province, China, 1982-90[1]

Region/province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 tons				
Northeast	408	445	488	681	672	690	839	882	1,011
Heilongjiang	179	196	170	205	186	205	238	244	309
Liaoning	156	175	218	304	305	311	396	409	452
Jilin	74	74	100	172	181	174	205	229	250
North	772	987	1,372	1,787	1,804	1,993	2,483	2,639	2,955
Shandong	343	411	623	725	697	791	1,030	1,094	1,243
Hebei	145	167	232	334	358	369	440	448	513
Beijing	56	89	122	141	147	168	218	247	258
Tianjin	26	45	72	106	106	112	155	174	186
Henan	156	214	238	371	373	435	504	536	596
Shanxi	46	62	86	110	123	118	136	140	159
Northwest	158	190	266	315	349	375	454	451	489
Shaanxi	57	75	109	112	122	133	176	160	184
Gansu	21	23	36	49	60	68	75	78	85
Nei Monggol	43	52	68	91	92	94	115	123	124
Ningxia	4	6	9	11	14	15	18	18	22
Xinjiang	30	31	36	43	51	57	61	61	63
Qinghai	3	3	8	9	10	8	9	11	11
East	599	681	917	1,120	1,193	1,255	1,450	1,442	1,564
Zhejiang	105	128	162	162	165	175	192	178	190
Jiangsu	262	321	476	607	657	688	790	785	897
Shanghai	77	78	86	104	100	113	148	152	151
Anhui	155	155	193	247	271	279	320	327	326
Central	450	508	595	759	792	792	878	912	966
Hubei	201	245	274	401	428	437	467	493	519
Hunan	174	181	227	244	235	226	260	263	279
Jiangxi	75	82	95	114	129	129	151	156	168
South	141	159	218	250	267	272	330	331	395
Guangdong	70	79	107	126	135	140	171	164	188
Guangxi	28	33	39	41	43	38	39	41	66
Fujian	43	46	72	83	89	94	108	116	129
Hainan[2]	na	na	na	na	na	na	12	10	12
Southwest	280	353	404	435	473	525	521	541	566
Sichuan	209	264	298	325	357	392	426	445	471
Guizhou	29	36	48	46	48	48	50	50	45
Yunnan	40	52	56	63	67	73	41	46	49
Xizang	1	1	1	1	1	12	4	--	1
Sum of above	2,809	3,323	4,261	5,347	5,550	5,902	6,955	7,198	7,946
SSB total	2,809	3,323	4,316	5,347	5,550	5,902	6,955	7,198	7,946

"--" indicates a negligable amount (between 0 and 0.5).

[1] Both chicken egg and duck egg production are included in these statistics. Other minor eggs may also be included (goose, pigeon, and others).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 118), (7, p. 175), (8, p. 210), (9, p. 255), (10, p. 279), (11, p. 312), (34, p. 379), and (35, p. 362).

Table 124--Goat's milk production, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons						
Northeast	37	31	40	42	49	51	38	35	28	22	22	23
Heilongjiang	31	15	16	19	26	32	24	25	18	13	11	10
Liaoning	1	10	20	19	18	14	11	7	7	6	7	9
Jilin	5	6	4	4	5	5	3	3	3	3	4	4
North	88	100	85	136	167	197	188	210	235	290	310	325
Shandong	63	55	39	72	95	127	117	130	146	187	212	226
Hebei	9	19	15	20	24	23	27	31	34	38	33	31
Beijing	0	0	1	2	3	3	2	1	1	1	1	1
Tianjin	0	0	0	1	0	1	1	1	1	1	1	1
Henan	11	14	15	18	20	21	22	29	35	43	42	47
Shanxi	5	13	15	23	25	22	19	16	18	20	21	19
Northwest	73	62	80	129	129	129	144	144	171	187	181	202
Shaanxi	44	45	54	89	95	89	90	103	124	134	119	117
Gansu	1	1	1	1	1	1	1	1	2	3	2	2
Nei Monggol	11	3	9	18	13	12	15	10	8	13	14	26
Ningxia	0	0	0	0	0	0	1	1	1	0	0	0
Xinjiang	13	9	12	14	18	24	33	25	29	33	35	48
Qinghai	3	4	3	7	2	3	4	4	7	4	11	9
East	8	2	3	4	2	2	3	2	1	1	2	3
Zhejiang	8	2	2	3	2	2	2	1	1	0	0	0
Jiangsu	0	0	1	1	0	0	0	1	0	1	2	2
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	1	0	0	0	0	1
Central	0	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	1	0	0	0	0	0	1	0	1	1	0	2
Guangdong	0	0	0	0	0	0	1	0	0	0	0	1
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	1	1	0	1
Hainan[2]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	30	30	50	31	25	32	21	39	51	28	30	39
Sichuan	2	1	2	2	2	2	4	3	5	4	4	4
Guizhou	0	0	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	2	2	2	2	3	3	3
Xizang	28	28	48	29	23	28	15	34	44	21	23	32
Sum of above	237	226	258	342	372	411	395	430	487	529	545	594
SSB total	237	226	258	341	374	410	395	430	487	529	545	594

[1] Except for 1980, goat's milk production was calculated as a residual (total milk minus cow's milk).
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 120), (4, p. 57), (6, p. 116), (7, p. 175), (8, p. 210), (9, p. 255), (10, p. 279), (11, p. 312), (34, p. 378), (35, p. 361), and (39, p. 93).

Table 125--Honey production, by region and province, China, 1980-90

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	9	11	11	16	11	10	9	10	11	10	11
Heilongjiang	5	5	4	10	5	5	4	5	5	4	3
Liaoning	2	3	5	3	3	3	3	3	3	3	5
Jilin	2	3	3	3	3	2	2	2	3	3	3
North	14	17	18	18	21	20	22	27	27	27	29
Shandong	3	4	4	4	5	4	5	6	7	7	8
Hebei	3	3	3	4	4	5	5	6	6	5	5
Beijing	1	2	1	1	1	1	1	2	1	1	1
Tianjin	0	0	0	0	0	0	0	0	0	0	0
Henan	5	6	8	7	7	7	8	10	10	11	12
Shanxi	2	2	2	3	4	3	3	3	3	3	3
Northwest	9	9	11	9	10	10	12	13	12	10	12
Shaanxi	4	3	4	3	3	3	4	5	4	4	5
Gansu	2	1	4	2	2	2	3	3	3	2	3
Nei Monggol	1	2	3	3	4	4	3	3	3	3	2
Ningxia	1	0	0	0	1	0	1	0	0	0	1
Xinjiang	1	2	1	1	1	1	1	2	2	1	1
Qinghai	0	0	0	0	0	0	0	0	0	0	0
East	31	38	54	57	56	64	79	96	94	88	84
Zhejiang	24	28	41	43	42	50	63	72	72	65	63
Jiangsu	3	5	6	8	9	8	10	14	14	14	12
Shanghai	1	1	1	1	1	1	0	1	0	1	1
Anhui	3	4	5	6	5	5	6	9	8	8	8
Central	11	12	16	14	17	18	18	21	17	18	18
Hubei	5	5	8	6	7	7	8	10	9	8	8
Hunan	3	3	4	4	5	4	4	4	3	3	3
Jiangxi	3	4	5	4	5	7	6	7	5	7	7
South	9	10	11	12	14	14	13	13	15	14	16
Guangdong	3	3	4	5	5	5	5	5	5	5	6
Guangxi	2	2	2	2	2	2	1	2	2	2	3
Fujian	4	5	5	5	7	7	7	6	8	7	7
Hainan[1]	na	na	na	na	na	na	na	na	0	0	0
Southwest	13	16	16	18	19	19	19	24	19	22	23
Sichuan	9	11	13	13	13	13	14	17	14	18	17
Guizhou	1	3	2	2	2	2	2	2	0	0	1
Yunnan	3	3	4	3	4	4	3	4	4	4	5
Xizang	0	0	0	0	0	0	0	1	1	0	0
Sum of above	96	112	138	143	148	155	172	204	195	189	193
SSB total	96	110	136	143	148	155	172	204	195	189	193

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (7, p. 175), (8, p. 210), (9, p. 255), (10, p. 279), (11, p. 312), (34, p. 379), (35, p. 362), (39, p. 96), (40, p. 100), and (55, pp. 582, 587).

Table 126--Camel yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	2	2	1	1	0	0	0	0	0	0	0	0
Shandong	0	0	0	0	0	0	0	0	0	0	0	0
Hebei	2	2	1	1	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	0	0	0	0	0	0	0	0	0	0	0	0
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	602	612	627	609	564	531	530	504	475	472	475	463
Shaanxi	0	0	0	0	0	0	0	0	0	0	0	0
Gansu	66	67	67	60	51	44	41	42	42	45	43	39
Nei Monggol	363	368	380	363	326	300	300	274	242	232	234	223
Ningxia	6	5	4	3	3	4	5	7	7	5	4	3
Xinjiang	140	145	148	155	159	159	161	159	160	165	170	174
Qinghai	27	27	28	28	25	24	23	22	24	25	24	24
East	0	0	0	0	0	0	0	0	0	0	0	0
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	0	0	0	0	0	0	0	0	0	0	0	0
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	0	0	0	0	0	0	0	0	0	0	0	0
Central	0	0	0	0	0	0	0	0	0	0	0	0
Hubei	0	0	0	0	0	0	0	0	0	0	0	0
Hunan	0	0	0	0	0	0	0	0	0	0	0	0
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	0	0	0	0	0	0	0	0	0	0	0	0
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	0	0	0	0	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	0	0	0	0	0	0	0	0	0	0	0	0
Sichuan	0	0	0	0	0	0	0	0	0	0	0	0
Guizhou	0	0	0	0	0	0	0	0	0	0	0	0
Yunnan	0	0	0	0	0	0	0	0	0	0	0	0
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	604	614	628	610	564	531	530	504	475	472	475	463
SSB total	604	614	628	610	564	531	530	504	475	472	475	463

Sources: (2, p. 123), (4, p. 60), (8, p. 212), (9, p. 258), (10, p. 283), (11, p. 316), (34, p. 377), (35, p. 360), (40, p. 105), and (55, pp. 508, 516).

Table 127--Dairy cattle yearend inventory, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	107	124	151	188	226	269	332	397	488	565	599	650
Heilongjiang	64	78	99	137	174	205	258	319	403	470	492	540
Liaoning	23	23	24	26	30	36	40	42	48	51	55	60
Jilin	20	23	28	25	22	28	34	36	37	44	52	50
North	64	97	90	101	123	167	207	221	273	267	281	323
Shandong	6	7	12	9	9	13	17	18	21	23	23	29
Hebei	15	40	21	22	25	38	64	59	84	76	76	95
Beijing	18	20	24	28	36	39	40	45	51	56	62	65
Tianjin	7	8	9	10	11	14	15	16	18	20	22	23
Henan	7	9	9	11	13	26	20	21	30	17	21	29
Shanxi	11	13	15	21	29	37	51	62	69	75	77	82
Northwest	244	273	299	335	385	477	610	708	859	973	1,056	1,108
Shaanxi	8	10	11	12	16	28	32	33	43	50	42	42
Gansu	17	17	14	17	19	37	73	79	78	90	106	112
Nei Monggol	141	127	159	175	179	202	251	256	326	377	403	394
Ningxia	2	2	2	3	4	6	8	9	11	14	14	19
Xinjiang	71	110	102	116	154	184	218	294	353	388	432	476
Qinghai	5	7	11	12	13	20	28	37	48	54	59	65
East	53	63	70	86	102	120	133	145	157	163	153	160
Zhejiang	14	17	19	27	33	41	43	48	52	44	39	40
Jiangsu	11	14	16	20	24	27	31	34	36	39	33	35
Shanghai	24	27	30	33	38	44	49	52	57	65	67	71
Anhui	4	5	5	6	7	8	10	11	12	15	14	14
Central	21	22	23	26	29	31	38	37	38	39	40	45
Hubei	11	11	12	13	15	16	17	18	19	20	21	25
Hunan	4	4	4	6	7	7	10	7	6	6	6	7
Jiangxi	6	7	7	7	7	8	11	12	13	13	13	13
South	27	28	29	33	34	48	51	54	53	53	52	56
Guangdong	17	17	19	22	23	21	22	23	22	23	24	29
Guangxi	4	4	4	4	4	5	5	5	5	6	5	5
Fujian	6	7	6	7	7	22	24	26	26	23	22	21
Hainan[2]	na	na	na	na	na	na	na	na	na	1	1	1
Southwest	42	34	36	48	52	224	256	284	296	162	345	349
Sichuan	24	20	20	21	22	27	31	33	37	40	42	45
Guizhou	4	4	4	5	6	8	12	14	16	20	20	17
Yunnan	14	10	12	22	24	26	33	39	43	50	50	54
Xizang	0	na	0	na	na	163	180	198	200	52	233	233
Sum of above	558	641	698	817	951	1,336	1,627	1,846	2,164	2,222	2,526	2,691
SSB total	558	641	698	817	951	1,336	1,627	1,846	2,164	2,222	2,526	2,691

[1] Dairy cattle inventory includes both hybrid and local dairy cattle breeds.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 122), (4, p. 59), (8, p. 211), (9, p. 257), (10, p. 282), (11, p. 315), (34, p. 376), (35, p. 359), (39, p. 99), and (55, p. 506).

Table 128--Donkey yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	685	669	687	694	775	852	917	964	981	1,012	1,040	1,055
Heilongjiang	46	46	50	53	61	62	64	65	64	66	62	63
Liaoning	498	469	479	495	577	646	703	753	779	808	831	845
Jilin	141	154	158	146	137	144	150	146	138	138	147	147
North	2,770	2,918	3,368	3,787	4,124	4,445	4,659	4,721	4,845	4,959	5,013	5,038
Shandong	608	629	751	869	953	1,017	1,106	1,128	1,195	1,283	1,356	1,397
Hebei	782	783	833	966	1,132	1,302	1,426	1,540	1,642	1,697	1,728	1,767
Beijing	62	53	43	38	38	40	44	49	53	56	58	58
Tianjin	48	43	38	40	54	66	77	86	97	102	110	115
Henan	789	943	1,248	1,407	1,458	1,519	1,511	1,425	1,372	1,339	1,274	1,209
Shanxi	481	467	455	467	489	501	495	493	486	482	487	492
Northwest	3,350	3,474	3,632	3,769	3,775	3,878	4,035	4,181	4,178	4,225	4,215	4,238
Shaanxi	339	352	368	399	410	423	430	430	418	418	412	409
Gansu	835	886	1,004	1,076	1,105	1,163	1,242	1,329	1,363	1,401	1,424	1,427
Inner Mongol	764	768	739	731	744	782	848	884	878	885	860	878
Ningxia	223	229	252	269	261	272	283	295	289	281	269	271
Xinjiang	1,038	1,089	1,113	1,133	1,091	1,072	1,066	1,078	1,094	1,110	1,119	1,130
Qinghai	151	150	156	161	164	166	166	165	136	130	131	123
East	349	351	394	407	429	418	413	410	402	402	399	383
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	91	77	86	93	119	115	119	131	140	148	162	165
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	258	274	308	314	310	303	294	279	262	254	237	218
Central	66	58	48	43	40	38	38	37	37	33	29	25
Hubei	62	54	43	38	36	34	33	32	32	29	26	22
Hunan	4	4	5	5	4	4	5	5	5	4	3	3
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	2	2	2	2	1	1	1	0	0	0	0	2
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	1	1	1	1	1	1	0	0	0	0	0	1
Fujian	1	1	1	1	0	0	1	0	0	0	0	1
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	251	276	284	297	305	330	352	376	403	421	440	457
Sichuan	26	29	30	32	34	36	40	43	47	50	53	56
Guizhou	0	0	0	0	0	1	0	0	1	0	0	1
Yunnan	126	143	154	167	176	196	209	220	233	243	252	263
Xizang	99	104	100	98	95	97	103	113	122	128	135	137
Sum of above	7,473	7,748	8,415	8,999	9,449	9,962	10,415	10,689	10,846	11,052	11,136	11,198
SSB total	7,473	7,748	8,415	8,999	9,449	9,962	10,415	10,689	10,846	11,052	11,136	11,198

Sources: (2, p. 123), (4, p. 61), (8, p. 212), (9, p. 258), (10, p. 283), (11, p. 316), (34, p. 376), (35, p. 359), (39, p. 100), and (55, p. 508).

Table 129--Goat yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	649	827	868	869	869	797	750	713	768	946	1,149	1,226
Heilongjiang	221	326	386	429	415	346	308	251	235	245	281	342
Liaoning	314	366	362	336	359	360	355	395	470	610	743	734
Jilin	114	135	120	104	95	91	87	67	63	91	125	150
North	23,920	25,160	24,195	23,394	20,500	17,433	17,085	20,414	26,703	34,464	38,048	36,372
Shandong	6,243	6,823	6,705	6,688	6,227	5,307	5,603	7,071	10,129	13,437	15,527	15,527
Hebei	4,159	4,614	4,675	4,982	4,543	3,908	3,728	4,218	4,912	5,975	6,173	5,626
Beijing	488	468	475	509	481	363	354	374	435	536	582	521
Tianjin	181	250	347	408	376	346	312	317	327	359	368	364
Henan	7,287	7,648	7,322	6,397	5,251	5,161	5,347	6,605	8,760	11,477	12,221	11,295
Shanxi	5,562	5,357	4,671	4,410	3,622	2,348	1,741	1,829	2,140	2,680	3,177	3,039
Northwest	22,322	21,791	21,370	20,568	18,289	17,085	16,662	17,547	18,507	21,290	23,105	23,714
Shaanxi	4,711	4,784	4,323	4,223	3,641	2,871	2,346	2,743	3,330	4,088	4,463	4,482
Gansu	3,223	3,312	3,130	2,658	2,237	1,817	1,779	1,838	1,903	2,138	2,266	2,309
Nei Monggol	7,835	7,064	7,112	6,944	5,913	6,056	5,536	6,699	6,983	8,331	9,250	9,490
Ningxia	1,171	1,084	996	827	656	701	745	822	857	984	967	903
Xinjiang	3,718	3,889	4,159	4,347	4,369	4,241	3,948	3,896	3,940	4,109	4,294	4,494
Qinghai	1,664	1,658	1,650	1,569	1,473	1,399	1,308	1,549	1,494	1,640	1,865	2,036
East	9,169	8,557	7,884	7,398	6,594	6,041	6,174	7,719	9,856	11,787	12,813	12,860
Zhejiang	1,067	1,000	893	781	651	568	556	618	708	762	807	774
Jiangsu	5,010	4,366	4,264	4,383	4,002	3,448	3,518	4,534	5,964	6,849	7,538	7,974
Shanghai	311	241	271	244	234	195	166	178	150	191	260	289
Anhui	2,781	2,950	2,456	1,990	1,707	1,830	1,934	2,389	3,034	3,985	4,208	3,823
Central	2,628	2,525	2,355	2,300	2,123	1,965	1,820	2,012	2,339	2,570	2,635	2,407
Hubei	1,659	1,577	1,504	1,473	1,353	1,265	1,175	1,336	1,606	1,812	1,819	1,607
Hunan	874	846	765	748	697	638	557	577	626	629	683	660
Jiangxi	95	102	86	79	73	62	88	99	107	129	133	140
South	1,968	1,875	1,839	1,860	1,729	1,708	1,662	1,651	1,687	1,715	1,823	1,919
Guangdong	872	356	328	356	341	364	385	411	426	121	138	142
Guangxi	408	801	778	796	764	717	656	636	667	688	745	806
Fujian	688	718	733	708	624	627	611	604	594	586	594	600
Hainan[1]	na	na	na	na	na	na	na	na	na	320	346	371
Southwest	19,918	19,949	19,753	18,833	17,931	18,178	17,521	17,164	17,827	18,184	18,561	18,707
Sichuan	7,212	7,010	6,813	6,446	6,116	5,888	5,368	5,193	5,490	5,708	5,873	5,986
Guizhou	1,782	1,725	1,667	1,577	1,452	1,305	1,159	1,128	1,211	1,270	1,320	1,373
Yunnan	5,249	5,613	5,537	5,387	5,366	5,776	5,588	5,191	5,329	5,482	5,649	5,686
Xizang	5,675	5,601	5,736	5,423	4,997	5,209	5,406	5,652	5,797	5,724	5,719	5,662
Sum of above	80,574	80,684	78,264	75,222	68,035	63,207	61,674	67,220	77,687	90,956	98,134	97,205
SSB total	80,574	80,684	78,264	75,222	68,035	63,207	61,674	67,220	77,687	90,956	98,134	97,205

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 48), (4, p. 62), (5, p. 78), (6, p. 121), (7, p. 178), (8, p. 212), (9, p. 259), (10, p. 284), (11, p. 317), (34, p. 377), (39, p. 103), and (35, p. 360).

Table 130--Hog yearend inventory, by region and province, China, 1979–90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	25,729	23,671	22,097	21,974	19,095	17,907	21,255	20,777	17,849	19,985	21,324	22,559
Heilongjiang	7,983	7,167	6,154	6,086	5,028	4,858	5,929	5,648	4,384	4,868	5,487	6,549
Liaoning	11,889	10,575	10,463	10,699	9,932	8,929	10,356	10,317	9,304	10,654	10,896	10,935
Jilin	5,857	5,929	5,480	5,189	4,135	4,120	4,970	4,812	4,161	4,463	4,941	5,075
North	59,683	57,447	52,524	49,479	45,598	47,872	54,639	52,046	47,775	53,384	55,331	57,035
Shandong	21,176	21,125	19,011	17,262	15,627	16,815	18,128	16,689	15,470	17,683	17,592	18,109
Hebei	13,522	12,934	12,165	12,271	11,757	12,078	14,214	14,074	13,636	14,636	14,777	14,942
Beijing	2,468	2,325	2,109	2,064	1,903	1,618	1,576	1,456	1,204	1,452	1,877	2,060
Tianjin	1,008	1,009	843	748	672	715	783	768	505	721	854	790
Henan	15,923	14,742	13,865	13,103	11,957	13,270	16,217	15,394	14,047	15,862	16,802	17,503
Shanxi	5,586	5,312	4,531	4,031	3,682	3,376	3,721	3,665	2,913	3,030	3,429	3,631
Northwest	20,618	19,117	17,350	16,826	16,694	16,446	20,126	20,620	18,996	20,024	21,191	21,821
Shaanxi	8,223	7,605	6,665	6,397	6,638	5,993	7,938	7,792	6,918	7,582	8,045	8,122
Gansu	4,400	4,239	4,090	3,957	3,938	4,448	5,465	5,747	5,295	5,489	5,740	5,947
Nei Monggol	5,546	5,185	4,683	4,609	4,271	4,128	4,623	4,810	4,555	4,664	4,873	5,230
Ningxia	649	559	518	481	479	496	604	658	599	578	654	660
Xinjiang	1,037	846	728	700	695	657	666	733	735	789	905	897
Qinghai	763	683	666	682	673	724	830	880	894	922	974	965
East	53,804	48,682	45,801	46,532	45,052	44,842	47,613	47,618	44,082	45,149	46,697	47,032
Zhejiang	15,500	14,038	13,447	13,832	13,873	13,262	13,688	14,033	13,224	13,113	13,364	13,305
Jiangsu	23,561	20,894	19,352	19,780	18,742	18,132	19,526	19,257	17,433	17,806	18,391	18,511
Shanghai	3,424	2,609	2,662	2,609	2,301	2,082	1,987	2,093	1,751	2,034	2,466	2,375
Anhui	11,319	11,141	10,340	10,311	10,136	11,366	12,412	12,235	11,674	12,196	12,476	12,841
Central	48,740	46,411	44,847	47,100	49,553	52,225	55,763	59,307	59,609	61,146	62,487	64,091
Hubei	17,488	15,893	15,146	16,086	16,429	17,466	19,021	19,897	19,255	19,657	20,346	20,635
Hunan	21,205	20,338	19,635	20,781	22,330	23,371	24,417	25,969	26,478	26,944	27,276	27,983
Jiangxi	10,047	10,180	10,066	10,233	10,794	11,388	12,325	13,441	13,876	14,545	14,865	15,473
South	38,113	36,357	37,924	41,910	42,024	41,771	44,227	46,778	46,454	46,311	48,105	50,113
Guangdong	20,095	19,146	19,708	21,728	20,962	20,475	21,502	22,627	22,211	19,369	19,967	20,589
Guangxi	11,030	10,341	11,253	12,842	13,553	13,500	14,357	15,638	15,646	15,272	16,340	17,425
Fujian	6,988	6,870	6,963	7,340	7,509	7,796	8,368	8,513	8,597	8,903	9,030	9,308
Hainan[1]	na	na	na	na	na	na	na	na	na	2,767	2,768	2,791
Southwest	73,018	73,746	73,159	76,962	80,520	84,729	87,773	90,045	92,968	96,219	97,675	99,757
Sichuan	50,922	51,463	50,229	51,900	53,613	56,699	59,163	60,635	62,027	63,817	64,357	65,395
Guizhou	8,751	8,957	9,025	9,451	10,024	10,889	11,445	12,140	12,572	12,940	13,150	13,549
Yunnan	13,098	13,130	13,747	15,457	16,749	17,016	17,033	17,126	18,213	19,308	20,014	20,649
Xizang	247	196	158	154	134	125	132	144	156	154	154	164
Sum of above	319,705	305,431	293,702	300,783	298,536	305,792	331,396	337,191	327,733	342,218	352,810	362,408
SSB total	319,705	305,431	293,702	300,783	298,536	306,792	331,396	337,191	327,733	342,218	352,810	362,408

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 47), (4, p. 62), (5, p. 72), (6, p. 120), (7, p. 177), (8, p. 212), (9, p. 258), (10, p. 284), (11, p. 317), (34, p. 377), and (35, p. 360).

Table 131--Horse yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	3,034	2,905	2,775	2,687	2,591	2,646	2,641	2,562	2,435	2,362	2,290	2,273
Heilongjiang	1,555	1,436	1,359	1,300	1,205	1,184	1,179	1,133	1,065	1,013	980	992
Liaoning	613	619	598	577	555	569	569	561	537	519	494	470
Jilin	866	850	818	810	831	893	893	868	833	830	816	811
North	2,039	2,024	2,045	2,030	1,989	1,989	1,935	1,804	1,678	1,623	1,521	1,464
Shandong	369	370	356	350	342	357	367	366	345	354	344	331
Hebei	799	780	720	717	719	726	719	692	649	628	581	569
Beijing	75	76	72	65	58	51	44	39	36	32	30	28
Tianjin	70	65	58	50	45	44	42	38	36	34	33	31
Henan	510	522	649	663	630	618	581	510	473	449	416	392
Shanxi	216	211	190	185	195	193	182	159	139	126	117	113
Northwest	3,976	3,909	3,890	3,922	3,816	3,828	3,869	3,924	3,820	3,736	3,627	3,560
Shaanxi	118	123	114	105	96	88	81	71	62	55	49	47
Gansu	413	433	447	450	455	477	492	495	480	461	441	424
Nei Monggol	1,853	1,810	1,788	1,823	1,755	1,758	1,812	1,824	1,760	1,725	1,627	1,568
Ningxia	55	55	57	58	53	51	49	45	38	34	29	27
Xinjiang	1,109	1,069	1,061	1,052	1,022	1,013	995	1,023	1,040	1,033	1,049	1,046
Qinghai	428	419	423	434	435	441	440	466	440	428	432	448
East	207	228	241	235	224	208	190	166	140	129	118	102
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	43	48	47	42	39	36	33	27	24	25	22	21
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	164	180	194	193	185	172	157	139	116	104	96	81
Central	40	35	29	27	26	27	28	32	35	36	34	36
Hubei	36	31	24	21	20	20	21	24	26	26	25	26
Hunan	4	4	5	6	6	7	7	8	9	10	9	10
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	171	178	181	190	193	200	220	221	233	244	251	262
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	170	177	180	189	192	199	219	220	232	243	250	261
Fujian	1	1	1	1	1	1	1	1	1	1	1	1
Hainan[1]	na	na	na	na	na	na	na	na	na	0	0	0
Southwest	1,678	1,763	1,811	1,890	1,967	2,080	2,198	2,279	2,350	2,410	2,453	2,477
Sichuan	312	317	324	341	361	382	412	440	465	491	506	519
Guizhou	460	488	499	529	543	569	594	611	627	650	670	682
Yunnan	678	714	717	748	787	849	902	932	950	954	947	942
Xizang	228	244	271	272	276	280	290	296	308	315	330	334
Sum of above	11,145	11,042	10,972	10,981	10,806	10,978	11,081	10,988	10,691	10,540	10,294	10,174
SSB total	11,145	11,042	10,972	10,981	10,806	10,978	11,081	10,988	10,691	10,540	10,294	10,174

[1] Hainan data available beginning in 1988--prior years. included in Guangdong.

Sources: (2, p. 123), (4, p. 60), (8, p. 211), (9, p. 257), (10, p. 282), (11, p. 315), (34, p. 376), (35, p. 359), (39, p. 100), (40, p. 104), and (55, p. 507).

Table 132--Mule yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	677	699	701	697	683	696	703	712	718	725	723	746
Heilongjiang	64	62	61	59	62	59	55	56	55	55	57	59
Liaoning	384	397	403	405	391	400	412	423	430	436	436	437
Jilin	229	240	237	233	230	237	236	233	233	234	230	250
North	1,954	2,058	2,169	2,255	2,323	2,411	2,476	2,504	2,542	2,576	2,542	2,547
Shandong	249	258	269	285	305	331	370	382	401	415	405	412
Hebei	608	639	646	671	697	736	769	795	820	833	834	837
Beijing	72	74	77	79	81	80	77	76	75	73	69	63
Tianjin	57	59	60	61	67	69	70	71	68	66	65	64
Henan	522	559	640	674	670	677	673	662	656	667	641	637
Shanxi	446	469	477	485	503	518	517	518	522	522	528	534
Northwest	1,050	1,064	1,090	1,129	1,178	1,248	1,339	1,425	1,493	1,548	1,587	1,638
Shaanxi	234	239	238	219	200	192	191	190	187	186	182	182
Gansu	305	313	316	325	344	374	416	455	489	517	540	571
Nei Monggol	333	330	335	351	377	404	441	475	497	519	531	553
Ningxia	87	90	102	130	148	160	164	167	165	166	162	163
Xinjiang	17	17	18	18	19	20	21	23	26	25	26	27
Qinghai	74	75	81	86	90	98	106	115	129	135	146	142
East	61	64	84	93	100	98	96	89	85	84	79	76
Zhejiang	0	0	0	0	0	0	0	0	0	0	0	0
Jiangsu	11	12	12	12	16	18	21	22	23	25	23	24
Shanghai	0	0	0	0	0	0	0	0	0	0	0	0
Anhui	50	52	72	81	84	80	75	67	62	59	56	52
Central	10	9	7	6	6	5	5	5	5	5	5	4
Hubei	8	6	5	4	4	3	3	3	3	3	3	3
Hunan	2	3	2	2	2	2	2	2	2	2	2	1
Jiangxi	0	0	0	0	0	0	0	0	0	0	0	0
South	7	7	7	7	8	7	6	7	7	7	7	8
Guangdong	0	0	0	0	0	0	0	0	0	0	0	0
Guangxi	6	6	6	6	7	6	6	6	6	6	7	8
Fujian	1	1	1	1	1	1	0	1	1	1	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	265	265	267	277	295	325	347	371	398	421	448	475
Sichuan	23	22	20	20	19	20	20	23	25	30	33	37
Guizhou	6	5	5	6	6	7	7	8	8	10	10	10
Yunnan	225	228	228	240	260	287	309	329	353	374	394	417
Xizang	11	10	14	11	10	11	11	11	12	7	11	11
Sum of above	4,024	4,166	4,325	4,464	4,593	4,790	4,972	5,113	5,248	5,366	5,391	5,494
SSB total	4,023	4,166	4,325	4,464	4,593	4,790	4,972	5,113	5,248	5,366	5,391	5,494

Sources: (2, p. 123), (4, p. 61), (8, p. 212), (9, p. 258), (10, p. 283), (11, p. 316), (34, p. 376), (36, p. 359), (39, p. 101), and (55, p. 508).

Table 133--Sheep yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	4,972	5,859	6,345	6,638	5,899	5,150	4,994	4,975	5,273	6,095	6,673	6,615
Heilongjiang	2,236	2,704	3,044	3,389	2,751	2,136	1,988	1,853	1,950	2,122	2,362	2,491
Liaoning	1,357	1,581	1,742	1,742	1,718	1,579	1,581	1,760	1,867	2,133	2,206	1,938
Jilin	1,379	1,574	1,559	1,507	1,430	1,435	1,425	1,362	1,456	1,840	2,105	2,186
North	13,751	14,900	14,635	14,227	12,298	10,276	9,730	10,867	13,075	15,770	17,094	16,482
Shandong	3,015	3,590	3,551	3,207	2,791	2,232	2,230	2,782	3,912	4,841	5,361	5,237
Hebei	3,129	3,534	3,749	4,168	3,624	3,345	3,483	3,941	4,545	5,259	5,400	5,119
Beijing	85	92	104	120	141	129	135	157	195	255	292	263
Tianjin	85	113	173	240	235	222	212	226	237	264	295	306
Henan	3,791	3,829	3,489	2,903	2,147	1,623	1,268	1,172	1,225	1,407	1,497	1,500
Shanxi	3,646	3,742	3,569	3,589	3,360	2,725	2,402	2,589	2,961	3,744	4,249	4,057
Northwest	60,923	62,683	64,884	64,613	61,405	60,815	61,259	64,674	65,422	69,835	71,114	71,316
Shaanxi	1,782	1,875	1,801	1,783	1,560	1,257	1,065	1,219	1,306	1,524	1,699	1,644
Gansu	7,903	8,563	8,546	7,729	7,062	7,017	7,349	7,923	8,285	8,823	9,021	8,789
Nei Monggol	18,488	18,470	19,588	20,406	18,266	17,717	18,148	18,323	18,464	20,597	20,845	20,749
Ningxia	2,025	2,140	2,015	1,895	1,819	1,995	2,352	2,620	2,633	2,829	2,540	2,273
Xinjiang	16,429	17,165	18,408	19,206	20,074	20,236	20,371	21,193	21,963	22,782	23,537	23,814
Qinghai	14,296	14,470	14,526	13,594	12,624	12,593	11,974	13,396	12,771	13,280	13,472	14,047
East	4,527	4,385	3,843	3,368	2,874	2,390	1,972	1,842	1,754	1,845	1,803	1,851
Zhejiang	2,389	2,240	1,993	1,845	1,642	1,411	1,206	1,104	1,052	1,038	1,068	1,077
Jiangsu	1,147	1,092	1,033	911	778	620	488	486	439	524	493	534
Shanghai	141	170	113	108	99	74	57	52	80	105	75	83
Anhui	850	883	704	504	355	285	221	200	183	178	167	157
Central	129	122	96	77	52	37	30	32	43	46	36	30
Hubei	116	113	88	70	49	33	30	29	35	37	31	24
Hunan	3	3	3	2	1	1	0	3	8	9	3	5
Jiangxi	10	6	5	5	2	3	0	0	0	0	2	1
South	3	2	2	2	1	0	0	0	0	0	0	0
Guangdong	3	0	0	0	0	0	0	0	0	0	0	0
Guangxi	0	2	2	2	1	0	0	0	0	0	0	0
Fujian	0	0	0	0	0	0	0	0	0	0	0	0
Hainan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	18,263	18,676	19,661	17,643	16,387	16,525	16,225	16,619	17,088	16,980	16,788	16,522
Sichuan	3,709	3,876	3,819	3,580	3,467	3,493	3,400	3,392	3,358	3,401	3,394	3,473
Guizhou	292	293	303	321	324	316	315	346	387	410	410	404
Yunnan	1,772	1,855	1,825	1,726	1,660	1,680	1,651	1,660	1,666	1,679	1,639	1,538
Xizang	12,490	12,652	13,714	12,016	10,936	11,036	10,859	11,221	11,677	11,490	11,345	11,107
Sum of above	102,568	106,627	109,466	106,568	98,916	95,193	94,210	99,009	102,655	110,571	113,508	112,816
SSB total	102,568	106,627	109,466	106,568	98,916	95,193	94,210	99,009	102,655	110,571	113,508	112,816

Sources: (3, p. 48), (4, p. 62), (5, p. 79), (6, p. 121), (7, p. 178), (8, p. 212), (9, p. 259), (10, p. 284), (11, p. 317), (34, p. 377), (35, p. 360), and (39, p. 103).

Table 134--Sow yearend inventory, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	2,827	2,333	2,095	2,108	1,448	1,700	2,075	1,703	1,272	1,801	1,941	1,871
Heilongjiang	974	739	628	694	523	631	761	590	387	528	606	658
Liaoning	1,158	936	917	954	579	605	740	689	564	876	884	779
Jilin	695	658	550	460	346	464	574	424	321	397	451	434
North	4,670	3,984	3,307	3,191	3,077	3,618	4,901	3,743	3,396	4,507	4,384	4,443
Shandong	1,606	1,334	1,098	1,000	1,072	1,278	1,601	1,168	1,263	1,646	1,432	1,486
Hebei	1,107	926	790	828	726	762	1,141	957	918	1,182	1,124	1,099
Beijing	264	218	186	177	159	146	142	107	81	165	206	226
Tianjin	97	64	59	54	54	48	69	52	35	90	90	84
Henan	1,089	1,008	860	838	783	1,128	1,627	1,184	881	1,141	1,145	1,165
Shanxi	507	434	314	294	283	256	321	275	218	283	387	383
Northwest	1,539	1,191	1,030	1,082	1,146	1,294	1,499	1,332	1,116	1,471	1,535	1,392
Shaanxi	561	395	341	362	436	484	523	438	359	533	537	461
Gansu	275	266	251	237	253	351	403	361	298	429	423	384
Nei Monggol	466	370	297	331	295	287	385	348	283	314	341	339
Ningxia	45	27	28	31	34	41	54	47	34	47	55	47
Xinjiang	126	82	72	77	74	71	70	79	81	90	108	108
Qinghai	66	51	41	44	54	60	64	59	61	58	71	53
East	4,292	3,340	2,881	3,241	2,955	2,853	3,384	2,967	2,592	3,033	2,896	2,782
Zhejiang	1,151	844	810	910	836	800	941	880	729	798	791	751
Jiangsu	2,206	1,659	1,360	1,491	1,240	1,105	1,407	1,180	1,041	1,228	1,108	1,051
Shanghai	307	252	238	289	230	190	182	170	160	204	240	230
Anhui	628	585	473	551	649	758	854	737	662	803	757	750
Central	3,594	2,917	2,871	3,487	3,576	3,450	3,810	4,210	3,706	3,912	4,051	4,025
Hubei	1,274	1,067	1,018	1,182	1,166	1,103	1,209	1,210	981	1,101	1,182	1,081
Hunan	1,615	1,202	1,237	1,618	1,662	1,574	1,775	2,085	1,855	1,884	1,953	2,046
Jiangxi	705	648	616	687	748	773	826	915	870	927	916	898
South	2,580	2,408	2,983	3,425	3,145	2,935	3,523	3,533	3,103	3,165	3,391	3,534
Guangdong	1,507	1,377	1,663	1,901	1,644	1,519	1,782	1,741	1,513	1,327	1,374	1,420
Guangxi	570	594	875	1,028	1,052	973	1,207	1,240	1,061	1,060	1,239	1,322
Fujian	503	437	445	496	449	443	534	552	529	546	547	559
Hainan[1]	na	na	na	na	na	na	na	na	na	232	231	233
Southwest	6,446	5,447	5,449	6,028	6,319	6,270	6,281	6,496	6,815	7,303	7,228	7,167
Sichuan	4,311	3,470	3,254	3,548	3,917	3,979	3,965	4,083	4,290	4,682	4,563	4,493
Guizhou	924	759	831	914	881	825	801	854	844	880	890	913
Yunnan	1,166	1,166	1,324	1,531	1,498	1,442	1,491	1,526	1,636	1,698	1,736	1,732
Xizang	45	52	40	35	23	24	24	33	45	43	39	29
Sum of above	25,948	21,620	20,616	22,562	21,666	22,120	25,473	23,984	22,000	25,192	25,426	25,214

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 47), (4, p. 62), (5, p. 72), (6, p. 120), (7, p. 177), (8, p. 212), (9, p. 258), (10, p. 284), (11, p. 317), (12, p. 311), and (13, p. 342).

Table 135--Water buffalo yearend inventory, by region and province, China, 1979--90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	0	0	0	0	0	0	0	0	0	0	0	0
Heilongjiang	0	0	0	0	0	0	0	0	0	0	0	0
Liaoning	0	0	0	0	0	0	0	0	0	0	0	0
Jilin	0	0	0	0	0	0	0	0	0	0	0	0
North	367	363	337	326	317	318	319	320	320	334	364	348
Shandong	56	54	45	33	25	20	16	15	14	13	12	13
Hebei	0	0	0	0	0	0	0	0	0	0	0	0
Beijing	0	0	0	0	0	0	0	0	0	0	0	0
Tianjin	0	0	0	0	0	0	0	0	0	0	0	0
Henan	311	309	292	293	292	298	303	305	306	321	352	335
Shanxi	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	29	32	30	27	22	18	17	17	17	17	17	17
Shaanxi	29	32	30	27	22	18	17	17	17	17	17	17
Gansu	0	0	0	0	0	0	0	0	0	0	0	0
Nei Monggol	0	0	0	0	0	0	0	0	0	0	0	0
Ningxia	0	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	0	0	0	0	0	0	0	0	0	0	0	0
Qinghai	0	0	0	0	0	0	0	0	0	0	0	0
East	2,210	2,184	2,161	2,132	2,053	1,975	1,935	1,935	1,908	1,885	1,902	1,894
Zhejiang	411	404	398	382	347	311	287	271	256	239	233	227
Jiangsu	687	655	617	567	490	426	388	378	351	340	337	332
Shanghai	34	31	30	29	28	24	19	16	14	12	12	10
Anhui	1,078	1,094	1,116	1,154	1,188	1,214	1,241	1,270	1,287	1,294	1,320	1,325
Central	4,159	4,170	4,152	4,167	4,103	4,156	4,266	4,371	4,468	4,418	4,441	4,451
Hubei	1,487	1,475	1,447	1,478	1,474	1,499	1,545	1,592	1,608	1,616	1,629	1,634
Hunan	1,696	1,724	1,746	1,723	1,642	1,642	1,667	1,686	1,732	1,662	1,648	1,627
Jiangxi	976	971	959	966	987	1,015	1,054	1,093	1,128	1,140	1,164	1,190
South	5,135	5,219	5,498	5,810	5,950	6,247	6,465	6,726	6,986	7,167	7,430	7,673
Guangdong	2,506	2,568	2,735	2,894	2,983	3,087	3,171	3,236	3,311	3,666	2,728	2,753
Guangxi	2,207	2,225	2,325	2,469	2,533	2,717	2,850	3,042	3,226	3,364	3,525	3,713
Fujian	422	426	438	447	434	443	444	448	449	451	458	464
Hainan[1]	na	na	na	na	na	na	na	na	na	686	719	743
Southwest	6,477	6,552	6,592	6,682	6,704	6,792	6,932	7,068	7,199	7,246	7,241	7,307
Sichuan	3,333	3,313	3,237	3,111	3,031	2,926	2,844	2,800	2,773	2,742	2,690	2,655
Guizhou	1,237	1,273	1,331	1,418	1,465	1,539	1,614	1,705	1,782	1,830	1,860	1,932
Yunnan	1,907	1,966	2,024	2,153	2,208	2,327	2,474	2,563	2,644	2,674	2,691	2,720
Xizang	0	0	0	0	0	0	0	0	0	0	0	0
Sum of above	18,377	18,520	18,770	19,144	19,149	19,506	19,934	20,437	20,898	21,067	21,395	21,690

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (4, p. 60), (7 [English edition only], p. 152), (8, p. 211), (9, p. 257), (10, p. 282), (11, p. 315), (12, p. 309), (13, p. 340), and (55, pp. 491, 507, 515).

Table 136--Yellow cattle yearend inventory, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	3,418	3,340	3,163	3,168	3,436	4,007	4,441	4,493	4,422	4,527	4,749	5,110
Heilongjiang	1,010	956	934	985	1,139	1,317	1,499	1,567	1,559	1,577	1,650	1,828
Liaoning	1,321	1,283	1,152	1,053	1,060	1,196	1,309	1,360	1,359	1,377	1,422	1,449
Jilin	1,087	1,101	1,077	1,130	1,237	1,494	1,633	1,566	1,504	1,573	1,677	1,833
North	7,688	7,554	7,541	8,032	8,607	9,757	11,260	12,785	13,933	15,607	16,854	17,492
Shandong	2,153	2,117	2,080	2,094	2,186	2,293	2,547	2,892	3,411	4,124	4,689	5,076
Hebei	1,263	1,167	1,076	1,086	1,164	1,308	1,487	1,666	1,728	1,881	1,951	1,984
Beijing	83	76	71	67	65	57	47	55	67	70	81	80
Tianjin	42	36	32	29	32	37	44	52	55	66	74	80
Henan	3,076	3,078	3,232	3,667	3,984	4,809	5,776	6,651	7,171	7,899	8,412	8,561
Shanxi	1,071	1,080	1,050	1,089	1,176	1,253	1,359	1,469	1,501	1,567	1,647	1,711
Northwest	14,571	14,786	15,072	15,628	15,740	15,973	16,404	17,221	17,209	17,504	17,330	17,570
Shaanxi	1,723	1,717	1,680	1,683	1,694	1,693	1,805	1,959	2,109	2,247	2,329	2,357
Gansu	2,091	2,208	2,281	2,328	2,446	2,622	2,815	2,989	3,109	3,180	3,224	3,267
Nei Monggol	3,399	3,410	3,388	3,637	3,566	3,535	3,714	3,800	3,605	3,608	3,431	3,459
Ningxia	182	194	188	175	166	183	224	264	268	266	257	260
Xinjiang	2,296	2,396	2,535	2,642	2,655	2,674	2,715	2,801	2,870	2,932	2,938	2,906
Qinghai	4,880	4,861	5,000	5,163	5,213	5,260	5,131	5,408	5,248	5,271	5,151	5,321
East	1,877	2,037	2,350	2,617	2,812	3,064	3,424	3,817	4,037	4,254	4,425	4,434
Zhejiang	423	409	410	418	426	432	431	439	439	428	421	413
Jiangsu	361	316	296	301	301	271	261	283	283	309	325	348
Shanghai	3	2	2	1	1	0	0	0	0	0	0	0
Anhui	1,090	1,310	1,642	1,897	2,084	2,361	2,732	3,095	3,315	3,517	3,679	3,673
Central	4,490	4,250	4,161	4,236	4,373	4,596	4,872	5,250	5,535	5,773	6,035	6,248
Hubei	1,764	1,623	1,523	1,530	1,555	1,586	1,638	1,722	1,783	1,801	1,843	1,856
Hunan	1,587	1,512	1,508	1,547	1,586	1,698	1,814	1,954	2,048	2,170	2,270	2,358
Jiangxi	1,139	1,115	1,130	1,159	1,232	1,312	1,420	1,574	1,704	1,802	1,922	2,034
South	3,817	3,803	4,058	4,448	4,745	5,113	5,480	5,764	5,992	6,166	6,361	6,593
Guangdong	1,309	1,364	1,513	1,688	1,793	1,924	2,017	2,120	2,192	1,826	1,905	1,983
Guangxi	1,944	1,881	1,954	2,131	2,303	2,505	2,747	2,908	3,041	3,110	3,198	3,321
Fujian	564	558	591	629	649	684	716	736	759	772	791	810
Hainan[2]	na	na	na	na	na	na	na	na	na	458	467	479
Southwest	16,550	16,745	17,488	17,983	18,271	18,776	17,797	20,054	20,461	20,828	20,977	21,056
Sichuan	5,759	5,840	5,967	6,046	6,163	6,334	6,521	6,769	6,918	7,063	7,203	7,380
Guizhou	2,451	2,518	2,659	2,834	2,918	3,107	3,233	3,382	3,542	3,670	3,810	3,952
Yunnan	3,598	3,728	3,829	4,004	4,251	4,572	3,233	4,963	5,010	4,940	4,892	4,901
Xizang	4,742	4,659	5,033	5,099	4,939	4,763	4,810	4,940	4,991	5,155	5,072	4,823
Sum of above	52,411	52,515	53,833	56,112	57,984	61,286	63,678	69,384	71,589	74,659	76,731	78,503

[1] Yellow cattle is a generic term that includes all of China's native cattle.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 122), (4, p. 59), (8, p. 211), (9, p. 256), (10, p. 281), (11, p. 311), (12, p. 308), (13, p. 339), and (55, pp. 490, 406, 514, 520).

Table 137--Hog slaughter, by region and province, China, 1979-90

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	13,472	14,200	13,892	14,285	14,195	13,590	13,533	14,202	13,612	13,797	14,655	16,754
Heilongjiang	4,721	4,460	3,967	3,695	3,920	3,743	3,833	3,924	3,716	3,348	3,505	4,586
Liaoning	5,929	6,563	6,643	7,113	7,101	6,852	6,474	6,587	6,264	6,914	7,334	7,972
Jilin	2,822	3,177	3,282	3,477	3,174	2,995	3,226	3,691	3,632	3,535	3,816	4,196
North	30,699	32,388	32,567	31,819	30,147	33,670	38,443	42,234	40,512	43,166	48,226	52,274
Shandong	10,475	12,416	12,968	12,132	11,592	12,840	14,826	16,812	15,144	16,196	18,454	19,362
Hebei	6,767	7,169	7,438	7,560	7,164	8,385	10,185	11,395	11,634	12,681	13,161	13,955
Beijing	1,996	2,290	2,168	2,124	2,250	2,194	2,093	1,965	1,858	1,870	2,291	2,810
Tianjin	774	894	847	763	697	780	774	819	797	861	1,123	1,237
Henan	8,072	6,846	6,117	6,618	5,942	6,634	7,859	8,523	8,552	9,209	10,616	11,824
Shanxi	2,615	2,773	3,029	2,622	2,502	2,837	2,706	2,720	2,527	2,349	2,581	3,086
Northwest	10,399	10,517	10,060	9,932	10,111	10,474	12,009	13,140	13,140	13,282	14,184	15,150
Shaanxi	4,014	4,007	4,032	3,705	3,700	3,850	4,243	4,500	4,341	4,550	4,942	5,394
Gansu	2,553	2,583	2,542	2,742	2,672	2,988	3,737	4,222	4,142	4,174	4,378	4,674
Nei Monggol	2,565	2,570	2,271	2,348	2,608	2,480	2,790	2,954	2,996	2,921	3,063	3,086
Ningxia	285	327	308	324	325	331	391	440	482	489	538	591
Xinjiang	646	673	552	454	455	460	424	552	613	600	672	789
Qinghai	336	357	355	359	351	365	424	472	566	548	591	616
East	42,131	45,353	41,306	43,345	43,555	43,665	43,959	46,900	45,148	44,653	46,245	48,490
Zhejiang	12,717	14,238	12,623	12,558	12,469	12,470	11,852	12,650	12,495	12,340	12,464	12,879
Jiangsu	18,322	20,684	18,876	20,295	20,718	20,381	20,244	21,612	20,192	19,837	20,419	21,166
Shanghai	4,176	3,507	3,310	3,734	3,665	3,407	3,073	3,294	3,362	3,027	3,613	4,118
Anhui	6,916	6,924	6,497	6,758	6,703	7,407	8,790	9,344	9,099	9,449	9,749	10,327
Central	32,703	34,738	34,166	35,006	36,685	41,227	45,711	49,657	52,626	55,656	57,418	61,196
Hubei	10,267	10,486	9,969	10,487	10,819	11,910	13,938	15,061	15,344	15,834	16,372	17,143
Hunan	15,899	17,252	17,054	17,382	18,501	21,289	22,960	24,718	26,574	28,137	28,665	30,921
Jiangxi	6,537	7,000	7,143	7,137	7,365	8,028	8,813	9,878	10,708	11,685	12,381	13,132
South	21,662	20,578	19,802	21,544	23,985	25,692	26,636	28,690	31,347	33,024	34,996	37,909
Guangdong	11,092	10,916	10,504	11,105	12,471	13,103	13,921	15,185	16,286	15,895	16,825	17,929
Guangxi	6,832	5,647	5,147	6,102	6,916	7,435	6,934	7,332	8,410	8,761	9,394	10,639
Fujian	3,738	4,015	4,151	4,337	4,598	5,154	5,781	6,173	6,651	7,134	7,504	7,998
Hainan[1]	na	na	na	na	na	na	na	na	na	1,234	1,273	1,343
Southwest	36,609	40,833	43,154	44,696	47,936	52,153	58,455	62,392	65,389	72,125	74,509	78,137
Sichuan	27,360	31,273	33,270	33,756	35,891	38,744	44,691	48,522	51,114	56,898	58,456	61,085
Guizhou	3,977	4,255	4,516	4,873	5,244	5,918	6,300	6,645	6,943	7,430	7,750	8,000
Yunnan	5,209	5,240	5,319	6,017	6,758	7,443	7,407	7,161	7,254	7,722	8,232	8,974
Xizang	63	65	49	50	43	48	57	64	78	75	71	78
Sum of above	187,675	198,607	194,947	200,627	206,614	220,471	238,746	257,215	261,774	275,703	290,233	309,910
SSB total	187,675	198,607	194,947	200,627	206,614	220,471	238,752	257,215	261,770	275,700	290,233	309,910

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p 47), (4, p. 56), (5, p. 72), (6, p. 112), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (34, p. 377), and (35, p. 360).

Table 138--Hog slaughter rate, by province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Percent						
Northeast:												
Heilongjiang	56.5	55.9	55.4	60.0	64.4	74.4	79.0	66.2	65.8	76.4	72.0	83.6
Liaoning	50.1	55.2	62.8	68.0	66.4	69.0	72.6	63.6	60.7	74.3	68.8	73.2
Jilin	48.5	54.2	55.4	63.4	61.2	72.4	78.4	74.3	75.5	85.0	85.5	84.9
North:												
Shandong	52.6	58.6	61.4	63.8	67.2	82.2	88.2	92.7	90.7	104.7	104.4	110.1
Hebei	54.3	53.0	57.5	62.1	58.4	71.3	84.4	80.2	82.7	93.0	89.9	94.4
Beijing	80.4	92.8	93.2	100.7	109.0	115.3	129.4	124.7	127.6	155.3	157.8	149.7
Tianjin	77.1	88.7	83.9	90.5	93.2	116.1	108.3	104.6	103.8	170.5	155.8	144.8
Henan	46.8	43.0	41.5	47.7	45.3	55.5	59.3	52.6	55.6	65.6	66.9	70.4
Shanxi	45.2	49.6	57.0	57.9	62.1	77.1	80.2	73.1	68.9	80.6	85.2	90.0
Northwest:												
Shaanxi	50.9	48.7	53.0	55.6	57.8	58.0	70.8	56.7	55.7	65.8	65.2	67.0
Gansu	53.7	58.7	60.0	67.0	67.5	75.9	84.1	77.3	72.1	78.8	79.8	81.4
Nei Monggol	46.6	46.3	43.8	50.1	67.6	69.1	67.6	63.9	62.3	64.1	65.7	63.3
Ningxia	39.6	50.4	55.1	62.5	67.6	69.1	78.9	72.8	73.3	81.6	93.1	90.4
Xinjiang	62.5	64.9	65.2	62.4	65.0	66.2	64.6	82.9	83.6	81.6	85.2	87.2
Qinghai	39.9	46.8	52.0	53.9	51.5	54.2	58.6	57.8	64.3	61.3	64.1	63.2
East:												
Zhejiang	95.3	91.9	89.9	93.4	90.1	89.9	89.4	92.4	89.0	93.3	95.1	96.4
Jiangsu	84.8	87.8	90.3	104.9	104.7	108.8	111.7	110.7	104.9	113.8	114.7	115.1
Shanghai	114.2	102.4	126.9	140.3	140.5	148.1	147.6	165.8	160.6	172.9	177.6	167.0
Anhui	59.3	61.2	58.3	65.4	65.0	73.1	77.4	75.3	74.4	80.9	79.9	82.8
Central:												
Hubei	60.2	60.0	62.7	69.2	67.3	72.5	79.9	79.2	77.1	82.2	83.3	84.3
Hunan	85.9	81.4	83.9	88.5	89.0	95.3	98.3	101.2	102.3	106.3	106.4	113.4
Jiangxi	69.2	69.7	70.2	70.9	72.0	74.4	77.4	80.1	79.7	84.2	85.1	88.3
South:												
Guangdong	65.8	54.3	54.9	56.3	57.4	62.5	68.0	70.6	72.0	71.6	86.9	89.8
Guangxi	56.0	51.2	49.8	54.2	53.9	54.9	51.4	51.1	53.8	56.0	61.5	65.1
Fujian	58.2	57.5	59.9	62.3	62.6	68.6	74.2	73.8	78.1	83.0	84.3	88.6
Hainan[2]	na	na	na	na	na	na	na	na	na	na	46.0	48.5
Southwest:												
Sichuan	64.2	61.4	64.6	67.2	69.2	72.3	78.9	82.0	84.3	91.7	91.6	94.9
Guizhou	50.5	48.6	50.3	54.0	55.5	59.0	57.9	58.1	57.2	59.1	59.9	60.8
Yunnan	40.1	40.0	40.5	43.8	43.7	44.4	43.6	42.0	42.4	42.4	42.6	44.8
Xizang	25.4	26.3	25.0	31.6	27.9	35.8	45.6	43.2	54.2	48.1	46.1	50.6
Nat'l average	62.3	62.1	63.8	68.3	68.7	73.9	77.9	77.6	77.6	84.1	84.8	87.8

[1] Slaughter rate is slaughter divided by beginning year inventory.
[2] Hainan data available beginning in 1989--prior years, included in Guangdong.

Sources: (3, p. 47), (4, p. 56), (5, p. 72), (6, p. 112), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311, (12, p. 304), and (13, p. 335).

Table 139--Cattle slaughter, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	1,000	256	258	247	179	143	222	403	570	613	639	899
Heilongjiang	850	118	113	91	55	55	75	113	188	198	200	338
Liaoning	89	53	47	55	39	30	56	80	108	170	167	221
Jilin	61	85	98	101	85	58	91	210	274	245	272	340
North	224	268	262	219	359	505	824	1,185	1,897	2,424	2,845	3,517
Shandong	67	88	115	106	169	184	276	323	498	690	828	1,101
Hebei	50	54	54	32	39	81	152	216	308	363	374	450
Beijing	4	4	3	4	5	10	8	10	21	35	46	54
Tianjin	3	3	3	2	2	6	7	13	17	21	23	27
Henan	80	98	63	55	97	171	299	539	908	1,152	1,422	1,679
Shanxi	20	21	24	20	27	53	82	84	145	163	152	206
Northwest	939	1,228	1,086	1,065	1,316	1,467	1,528	1,689	2,066	2,197	2,460	2,548
Shaanxi	40	46	42	34	45	66	70	86	125	169	202	239
Gansu	61	73	80	77	70	113	149	219	273	320	321	361
Nei Monggol	302	506	368	326	409	438	397	426	599	576	728	662
Ningxia	7	5	5	5	4	7	10	15	28	30	40	44
Xinjiang	191	242	261	316	409	434	423	484	541	600	631	701
Qinghai	338	356	330	307	379	409	479	459	500	502	538	541
East	148	179	129	165	199	263	331	448	644	765	819	1,046
Zhejiang	44	49	28	34	38	42	40	40	42	48	42	41
Jiangsu	46	45	36	39	52	53	55	67	88	97	109	129
Shanghai	4	7	4	3	5	9	7	5	5	5	5	0
Anhui	54	78	61	83	104	159	229	336	509	615	663	876
Central	263	268	192	200	200	213	201	219	260	416	369	421
Hubei	100	75	62	50	54	56	52	65	75	94	102	124
Hunan	63	83	84	120	119	101	93	99	117	153	158	163
Jiangxi	100	110	46	30	27	56	56	55	68	169	109	134
South	237	195	186	213	225	274	404	451	585	659	729	800
Guangdong	116	113	95	117	124	157	245	259	323	242	291	282
Guangxi	85	50	65	71	76	91	125	148	213	272	281	349
Fujian	36	32	26	25	25	26	34	44	49	58	62	68
Hainan[2]	na	na	na	na	na	na	na	na	na	87	95	101
Southwest	927	928	904	987	993	1,004	1,055	1,155	1,361	1,506	1,569	1,652
Sichuan	379	487	483	491	455	491	451	489	559	601	648	702
Guizhou	66	69	45	50	64	82	101	107	134	170	200	235
Yunnan	200	139	121	127	119	116	160	201	271	311	282	279
Xizang	282	233	255	319	355	315	343	358	397	424	439	436
Sum of above	3,738	3,322	3,017	3,096	3,471	3,869	4,565	5,550	7,383	8,580	9,430	10,883
SSB total	2,968	3,322	3,016	3,096	3,472	3,869	4,565	5,550	7,403	8,580	9,430	10,883

[1] Cattle slaughter probably refers to total cattle. It would include culls from yellow cattle, water buffalo, dairy cows, and yaks.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 119), (3, p. 49), (4, p. 56), (6, p. 113), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (12, p. 304), and (13, p. 335).

Table 140--Sheep and goat slaughter, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	738	846	1,170	1,450	1,592	1,519	1,359	1,366	1,434	1,474	1,679	2,568
Heilongjiang	409	480	671	754	949	776	576	390	415	455	452	845
Liaoning	182	210	249	409	398	450	505	533	604	685	820	1,094
Jilin	147	156	250	287	245	293	278	443	415	334	407	629
North	6,950	9,620	11,905	13,070	14,495	15,593	14,770	15,291	19,578	26,419	31,973	36,436
Shandong	2,286	3,775	4,607	5,216	6,163	5,191	5,583	6,176	8,421	12,190	15,049	17,642
Hebei	1,392	1,749	2,444	2,693	3,067	3,570	3,259	3,321	4,029	4,872	5,715	6,444
Beijing	132	138	131	163	205	304	249	266	340	439	481	588
Tianjin	77	63	96	143	152	310	316	358	416	515	519	559
Henan	2,151	2,891	3,328	3,505	3,015	3,202	3,425	3,821	4,929	6,660	8,077	8,340
Shanxi	912	1,004	1,299	1,350	1,893	3,016	1,938	1,349	1,443	1,743	2,132	2,863
Northwest	12,963	16,976	16,382	18,937	19,311	20,334	20,005	20,224	22,234	21,192	26,388	28,528
Shaanxi	666	661	873	1,098	1,560	1,600	1,250	900	896	1,131	1,467	1,668
Gansu	883	941	923	1,320	1,066	1,646	1,504	1,670	2,079	2,005	2,178	2,691
Nei Monggol	4,908	7,686	6,425	7,498	7,486	6,911	6,464	6,551	7,177	6,126	9,271	9,334
Ningxia	307	429	424	716	536	577	606	621	871	637	1,042	1,047
Xinjiang	4,079	4,778	5,212	5,860	6,195	7,155	7,235	7,615	8,202	8,521	9,530	10,704
Qinghai	2,120	2,481	2,525	2,445	2,468	2,445	2,946	2,867	3,009	2,772	2,900	3,084
East	5,671	6,478	6,752	6,316	5,698	5,484	6,256	7,101	8,390	10,326	11,953	12,706
Zhejiang	476	513	425	433	486	477	472	473	503	560	619	679
Jiangsu	2,756	3,540	3,249	2,993	2,884	2,837	3,261	4,336	5,308	6,659	7,655	8,318
Shanghai	152	144	122	110	89	53	82	50	86	119	171	218
Anhui	2,287	2,281	2,956	2,780	2,239	2,117	2,441	2,242	2,493	2,988	3,508	3,491
Central	862	1,033	946	898	779	833	929	861	943	1,122	1,223	1,227
Hubei	505	587	542	549	483	495	583	514	570	698	770	787
Hunan	333	405	345	311	276	288	301	285	303	326	352	353
Jiangxi	24	41	59	38	20	50	45	62	70	98	101	87
South	445	455	474	497	464	522	587	613	668	693	802	836
Guangdong	88	93	92	101	92	104	132	137	165	50	119	87
Guangxi	160	151	142	126	103	119	143	157	153	174	182	215
Fujian	197	211	240	270	269	299	312	319	350	357	375	396
Hainan[2]	na	na	na	na	na	na	na	na	na	112	126	138
Southwest	7,808	7,011	7,185	7,574	6,898	6,520	6,904	6,815	7,282	7,046	7,211	7,013
Sichuan	2,998	3,720	3,626	3,513	2,985	2,829	2,833	2,703	2,504	2,722	2,709	2,478
Guizhou	323	514	561	545	437	546	486	444	436	460	510	565
Yunnan	745	527	472	589	556	532	752	821	758	743	747	795
Xizang	3,742	2,250	2,526	2,927	2,920	2,613	2,833	2,847	3,584	3,121	3,245	3,175
Sum of above	35,437	42,419	44,814	48,742	49,237	50,805	50,810	52,271	60,529	68,272	81,229	89,314

[1] Sheep and goat slaughter are not separated out in provincial level statistics.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 49), (4, p. 56), (6, p. 113), (7, p. 174), (8, p. 209), (9, p. 254), (10, p. 278), (11, p. 311), (12, p. 304), and (13, p. 335).

Chapter 6

China's Agricultural Input Statistics

This chapter includes national-level statistics on China's irrigated area, energy output, farm machinery, rural labor force, and fertilizer production and use. Provincial-level statistics include irrigated area, farm machinery horsepower, mechanically tilled area, mechanically sown area, mechanically harvested area, draft animal inventory, total chemical fertilizer use, nitrogen fertilizer use, phosphorus fertilizer use, potassium fertilizer use, compound fertilizer use, and cultivated area suffering natural disaster damage.

Table 141--Irrigated area and energy output, China, 1949-90

Year	Irrigated area[1]				Energy output				
	Total	Mech/elec pump	Mechanical pump	Electric pump	Coal	Crude oil	Natural gas[2]	Electrical power	
								Total	Hydro
	1,000 hectares				Million tons		Mcm	Trillion KWH	
1949	16,000	na	na	na	32	0	7	4	1
1950	16,667	na	na	na	43	0	7	5	1
1951	18,667	na	na	na	53	0	8	6	1
1952	19,959	317	na	na	66	0	8	7	1
1953	22,000	na	na	na	70	1	11	9	2
1954	23,334	na	na	na	84	1	15	11	2
1955	24,667	na	na	na	93	1	17	12	2
1956	32,000	na	na	na	110	1	26	17	4
1957	27,339	1,202	na	na	131	1	70	19	5
1958	66,667	na	na	na	270	2	110	28	4
1959	na	na	na	na	369	4	290	42	4
1960	na	na	na	na	397	5	1,040	59	7
1961	na	5,265	na	na	278	5	1,470	48	7
1962	30,545	6,065	na	na	220	6	1,210	46	9
1963	na	5,474	na	na	217	6	1,020	49	9
1964	na	6,257	na	na	215	8	1,060	56	11
1965	33,055	8,093	na	na	232	11	1,100	68	10
1966	na	na	na	na	252	15	1,340	83	13
1967	na	na	na	na	206	14	1,460	77	13
1968	na	na	na	na	220	16	1,400	72	12
1969	na	na	na	na	266	22	1,960	94	16
1970	na	14,992	na	na	354	31	2,870	116	21
1971	na	16,601	na	na	392	39	3,740	138	25
1972	na	17,517	na	na	410	46	4,840	152	29
1973	na	19,782	na	na	417	54	5,980	167	39
1974	na	21,664	na	na	413	65	7,530	167	41
1975	43,284	22,889	na	na	482	77	8,850	196	48
1976	na	24,228	na	na	483	87	10,100	203	46
1977	45,021	24,349	na	na	550	94	12,120	223	48
1978	44,965	24,895	na	na	618	104	13,730	257	45
1979	45,003	25,321	na	na	635	106	14,510	282	50
1980	44,888	25,315	11,160	14,155	620	106	14,270	301	58
1981	44,574	25,231	na	na	622	101	12,740	309	66
1982	44,177	25,145	9,932	15,214	666	102	11,930	328	74
1983	44,644	25,265	9,099	16,165	715	106	12,210	351	86
1984	44,453	25,062	8,426	16,636	789	115	12,430	377	87
1985	44,036	24,629	8,019	16,610	872	125	12,930	411	92
1986	44,226	25,032	7,702	17,330	894	131	13,760	450	95
1987	44,403	24,825	7,534	17,291	928	134	13,890	497	100
1988	44,376	26,083	9,405	16,678	980	137	14,260	545	109
1989	44,917	26,107	8,382	17,725	1,054	138	15,049	585	118
1990	47,403	27,148	na	na	1,080	138	15,298	621	127

[1] Effectively irrigated or with water sources and complete sets of irrigation equipment to move adequate water to fields under normal conditions.

[2] The unit of measurement for natural gas is million cubic meters (mcm).

Sources: (2, p. 40), (3, p. 66), (6, pp. 160-161), (8, p. 264), (27, p. 197), (30, pp. 149, 155), (31, p. 147), (32, p. 234), (33, pp. 183-184, 298-299), (34, p. 349), (35, pp. 331, 424-425), and (56, p. 319).

Table 142--Irrigated area, by region and province, China, 1980–90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
					1,000 hectares						
Northeast	2,161	2,161	2,130	2,023	2,031	2,100	2,168	2,288	2,278	2,373	3,020
Heilongjiang	670	698	674	631	624	680	720	766	740	777	1,079
Liaoning	760	718	723	676	696	724	731	769	763	760	1,059
Jilin	731	745	734	716	711	696	717	753	775	836	882
North	13,001	13,197	13,121	13,132	13,226	13,095	13,042	13,094	13,090	13,268	13,588
Shandong	4,408	4,434	4,482	4,536	4,555	4,566	4,547	4,481	4,323	4,356	4,464
Hebei	3,622	3,548	3,561	3,577	3,585	3,573	3,550	3,606	3,629	3,682	3,759
Beijing	340	341	339	343	343	338	337	338	338	338	335
Tianjin	379	379	374	365	361	349	341	341	343	342	346
Henan	3,536	3,388	3,265	3,210	3,279	3,190	3,213	3,250	3,359	3,435	3,550
Shanxi	715	1,107	1,100	1,101	1,103	1,079	1,054	1,078	1,098	1,114	1,134
Northwest	6,208	6,163	6,122	6,131	6,046	5,978	6,195	6,290	6,340	6,393	6,659
Shaanxi	1,248	1,249	1,247	1,239	1,180	1,179	1,245	1,259	1,238	1,247	1,263
Gansu	854	849	847	846	847	831	826	834	839	841	854
Nei Monggol	1,104	1,038	1,027	1,020	981	965	1,006	1,038	1,079	1,153	1,252
Ningxia	232	228	232	233	236	238	246	253	256	258	260
Xinjiang	2,611	2,639	2,610	2,636	2,643	2,605	2,708	2,741	2,765	2,727	2,858
Qinghai	160	160	159	157	159	160	164	165	163	167	172
East	7,725	7,719	7,663	7,595	7,628	7,557	7,454	7,499	7,520	7,637	8,401
Zhejiang	1,525	1,523	1,525	1,525	1,529	1,528	1,497	1,496	1,484	1,481	1,477
Jiangsu	3,413	3,456	3,476	3,495	3,596	3,588	3,538	3,519	3,497	3,531	3,971
Shanghai	349	347	347	346	342	335	327	327	324	320	320
Anhui	2,438	2,393	2,314	2,228	2,161	2,106	2,092	2,157	2,215	2,304	2,633
Central	6,430	6,458	6,331	6,911	6,898	6,872	6,839	6,697	6,657	6,697	6,837
Hubei	2,345	2,372	2,372	2,332	2,310	2,293	2,253	2,211	2,173	2,197	2,324
Hunan	2,416	2,414	2,371	2,773	2,776	2,767	2,772	2,665	2,667	2,674	2,676
Jiangxi	1,670	1,671	1,589	1,805	1,812	1,812	1,814	1,821	1,817	1,826	1,837
South	4,422	4,325	4,266	4,267	4,167	4,073	4,177	4,151	4,077	4,074	4,362
Guangdong	2,108	2,075	2,048	2,044	1,980	1,938	1,913	1,855	1,681	1,694	1,795
Guangxi	1,433	1,414	1,406	1,404	1,383	1,348	1,350	1,374	1,338	1,330	1,490
Fujian	881	836	813	819	804	787	914	922	924	911	934
Hainan[2]	na	na	na	na	na	na	na	na	134	139	143
Southwest	4,541	4,551	4,543	4,585	4,461	4,359	4,351	4,385	4,416	4,475	4,537
Sichuan	3,023	3,036	3,044	3,053	2,972	2,782	2,730	2,745	2,762	2,785	2,806
Guizhou	457	451	438	453	415	479	532	538	545	549	550
Yunnan	913	919	924	959	962	965	967	973	989	1,020	1,054
Xizang	148	146	137	121	112	133	122	129	120	121	126
Sum of above	44,488	44,574	44,177	44,644	44,457	44,034	44,226	44,404	44,378	44,917	47,403
SSB total	44,888	44,574	44,177	44,644	44,453	44,036	44,226	44,403	44,376	44,917	47,403

[1] Irrigated area is effectively irrigated area, or area with water sources and complete sets of irrigation equipment to move adequate water to the fields under normal conditions.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 66–67), (4, p. 80), (5, p. 115), (7, p. 218), (9, p. 341), (11, p. 433), (34, p. 349), and (35, p. 332).

Table 143--Cultivated area suffering serious damage from natural disaster, by region and province, China, 1983–90[1]

Region/province	1983	1984	1985	1986	1987	1988	1989	1990
				1,000 hectares				
Northeast	1,321	1,742	5,513	3,259	2,931	3,300	6,134	1,097
Heilongjiang	673	663	2,019	1,025	1,480	2,040	2,272	453
Liaoning	405	676	1,419	648	846	390	1,771	337
Jilin	243	403	2,075	1,586	605	870	2,091	307
North	5,207	5,622	5,291	8,219	6,167	5,700	4,540	3,839
Shandong	1,471	1,279	1,683	1,779	1,729	1,750	1,127	1,430
Hebei	1,758	1,454	995	2,151	1,983	1,210	1,882	1,074
Beijing	89	136	78	31	12	50	89	87
Tianjin	151	155	60	8	88	80	156	42
Henan	877	1,263	1,610	2,877	1,113	3,170	621	783
Shanxi	861	1,335	865	1,373	1,242	440	665	423
Northwest	2,417	1,974	2,911	3,536	4,501	2,300	2,782	1,877
Shaanxi	927	555	1,053	829	1,591	860	339	701
Gansu	271	365	253	813	1,007	300	51	491
Nei Monggol	1,012	829	1,433	1,451	1,548	930	2,215	467
Ningxia	62	96	87	102	117	110	138	82
Xinjiang	97	68	22	240	185	70	0	79
Qinghai	49	60	62	101	53	30	38	57
East	1,984	1,682	1,887	1,846	1,675	3,600	2,879	2,653
Zhejiang	455	174	162	308	371	540	1,182	615
Jiangsu	626	561	431	819	578	1,860	305	929
Shanghai	11	0	0	1	0	0	1,261	21
Anhui	892	947	1,295	719	725	1,200	131	1,088
Central	3,019	1,612	2,341	3,268	1,933	4,490	3,512	3,598
Hubei	1,176	261	416	1,255	581	2,150	1,185	1,110
Hunan	1,025	1,182	1,321	1,209	952	1,790	434	1,938
Jiangxi	818	169	604	804	400	550	1,893	550
South	900	1,332	1,525	1,825	980	1,710	2,773	2,069
Guangdong	429	582	709	1,077	429	291	688	525
Guangxi	287	683	575	437	322	960	109	919
Fujian	183	67	241	311	229	390	503	567
Hainan[2]	na	na	na	na	na	69	1,473	58
Southwest	1,361	1,300	3,237	1,703	2,206	1,830	1,829	2,689
Sichuan	447	755	2,159	877	1,004	1,090	740	1,825
Guizhou	327	167	680	300	591	460	504	618
Yunnan	527	367	376	522	576	280	26	235
Xizang	60	11	23	4	35	0	559	11
Sum of above	16,209	15,264	22,705	23,656	20,393	23,930	24,449	17,822
SSB total	16,210	15,260	22,710	23,660	20,390	23,940	24,450	17,822

[1] Disaster includes flood, drought, frost, freeze, wind, and hail damage. Serious damage (*chengzai*) is defined as normal yields reduced by 30 percent or more. This is the most severe measure of disaster damage. Another measure, disaster affected area (*shouzai*), reports roughly twice as much affected area when following the lesser definition of yield reduced by between 1 and 29 percent.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (7, p. 215), (8, p. 260), (9, p. 337), (10, p. 373), (11, p. 509), (12, p. 469), and (35, p. 374).

Table 144--Number of farm machines, China, 1949–90

Year	Tractors[1]		Combine harvesters	Irrigation and drainage equipment	Trucks
	Large and medium	Small and hand			
			Number		
1949	na	na	na	na	na
1950	na	na	na	na	na
1951	na	na	na	na	na
1952	1,307	na	284	na	280
1953	1,582	na	429	na	na
1954	2,945	na	591	na	na
1955	4,767	na	943	na	na
1956	11,267	na	1,451	na	na
1957	14,674	na	1,789	40,000	4,084
1958	26,396	na	3,452	na	4,818
1959	33,289	na	4,908	na	5,931
1960	45,536	na	5,857	na	6,675
1961	52,239	na	6,245	312,000	7,200
1962	54,938	919	5,906	367,000	8,239
1963	59,235	992	6,001	415,000	9,535
1964	65,868	1,294	6,176	448,000	10,822
1965	72,599	3,956	6,704	558,000	11,063
1966	na	na	na	na	na
1967	na	na	na	na	na
1968	na	na	na	na	na
1969	na	na	na	na	na
1970	125,498	73,309	8,002	1,471,000	15,593
1971	150,179	133,550	8,685	1,640,000	18,180
1972	189,944	207,731	9,399	2,078,000	21,467
1973	234,078	302,177	9,164	2,880,000	24,742
1974	280,676	421,223	10,901	3,422,000	30,561
1975	344,518	598,533	12,551	3,891,000	39,585
1976	397,000	825,000	14,233	4,262,000	48,739
1977	467,000	1,091,000	15,732	4,695,000	59,867
1978	557,358	1,373,000	18,987	5,026,000	73,770
1979	666,823	1,671,000	23,026	5,384,000	97,105
1980	744,665	1,874,000	27,045	5,630,000	137,668
1981	792,032	2,037,000	31,268	5,672,000	175,126
1982	812,447	2,287,000	33,904	5,803,000	206,383
1983	840,776	2,750,000	35,728	6,077,000	274,751
1984	853,914	3,298,000	35,861	6,150,000	349,261
1985	852,357	3,824,000	34,573	6,163,000	429,554
1986	866,463	4,526,000	30,945	6,507,000	499,164
1987	880,952	5,300,000	33,802	6,839,000	550,192
1988	870,187	5,958,000	35,004	7,508,000	591,406
1989	848,220	6,643,000	36,582	8,097,000	625,116
1990	813,512	6,981,000	38,719	8,486,000	624,384

[1] Large and medium tractors are currently defined as 20 horsepower (hp) or more and small tractors less than 20 hp. Previously, large tractors were 60 hp, medium tractors 30–59 hp, and small tractors less than 29 hp. It is not clear when the definitions changed or if the older data were adjusted to reflect them.

Sources: (2, p. 39), (8, p. 246), (27, p. 186), (33, p. 175), (35, p. 324), and (56, pp. 308–315).

Table 145--Farm machinery power, by region and province, China, 1980--90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 kilowatts					
Northeast	16,445	20,449	18,255	19,706	21,098	22,660	24,020	26,180	26,820	27,920	28,147
Heilongjiang	7,088	10,544	8,142	8,616	9,017	9,598	9,350	10,950	11,050	11,630	11,734
Liaoning	5,684	5,949	6,155	6,916	7,557	8,303	9,380	9,880	10,240	10,380	10,123
Jilin	3,673	3,956	3,959	4,174	4,524	4,760	5,290	5,350	5,530	5,910	6,290
North	47,920	51,145	54,824	61,070	68,177	73,350	80,570	86,750	92,690	98,620	102,107
Shandong	13,708	15,270	16,727	19,089	21,066	22,990	25,380	27,360	29,600	31,630	32,158
Hebei	12,538	12,868	13,546	15,775	18,290	19,938	22,220	24,070	25,630	27,080	28,222
Beijing	2,345	2,447	2,419	2,617	2,909	3,199	3,450	3,880	3,990	4,240	4,162
Tianjin	2,133	2,202	2,543	2,764	3,107	3,313	3,610	3,830	4,180	4,290	4,390
Henan	11,775	12,621	13,563	14,059	15,060	15,689	17,380	18,660	20,040	21,530	22,640
Shanxi	5,421	5,737	6,026	6,767	7,745	8,222	8,530	8,950	9,250	9,850	10,535
Northwest	16,499	16,931	17,446	18,413	19,471	20,685	22,070	24,140	25,900	27,360	28,817
Shaanxi	4,714	4,938	5,261	5,364	5,557	5,615	5,810	6,230	6,420	6,790	7,120
Gansu	3,557	3,634	3,778	3,878	4,097	4,388	4,590	4,950	5,350	5,470	5,681
Nei Monggol	4,205	4,108	4,020	4,275	4,360	4,716	5,390	6,140	6,820	7,280	7,605
Ningxia	842	916	921	1,066	1,153	1,239	1,380	1,500	1,610	1,760	1,911
Xinjiang	2,487	2,652	2,781	3,052	3,450	3,846	3,960	4,290	4,620	4,930	5,231
Qinghai	696	684	686	778	853	880	940	1,030	1,080	1,130	1,269
East	25,271	26,858	28,893	31,074	33,305	35,528	38,640	42,420	45,930	48,460	48,065
Zhejiang	5,343	5,846	6,281	6,819	7,457	8,081	8,890	9,750	10,760	11,330	12,179
Jiangsu	11,138	12,042	13,130	14,304	15,562	16,751	18,110	19,740	21,010	22,120	20,048
Shanghai	2,147	2,195	2,255	2,306	2,317	2,365	2,470	2,570	2,680	2,770	2,765
Anhui	6,642	6,775	7,227	7,645	7,969	8,330	9,170	10,360	11,480	12,240	13,073
Central	16,873	18,000	18,781	19,990	21,131	23,000	26,210	27,290	29,190	30,000	29,764
Hubei	7,726	7,974	8,132	8,296	8,594	9,110	10,020	10,650	11,540	11,190	10,996
Hunan	5,862	6,590	7,045	7,851	8,049	8,914	10,590	10,540	11,130	12,150	12,091
Jiangxi	3,286	3,436	3,604	3,843	4,488	4,976	5,600	6,100	6,520	6,660	6,677
South	12,961	14,182	15,223	16,268	17,034	18,015	20,580	22,870	24,900	27,000	27,774
Guangdong	6,656	7,358	8,072	8,771	9,117	9,542	10,450	11,540	11,290	12,520	12,788
Guangxi	3,903	4,111	4,137	4,258	4,472	4,727	5,570	6,250	6,860	7,420	7,842
Fujian	2,402	2,713	3,015	3,240	3,444	3,746	4,560	5,080	5,470	5,740	5,871
Hainan[2]	na	na	na	na	na	na	na	na	1,280	1,320	1,273
Southwest	11,390	12,065	12,607	13,577	14,624	15,750	17,380	18,710	20,320	21,310	22,403
Sichuan	6,553	7,149	7,518	8,019	8,534	9,195	10,130	10,880	11,660	12,090	12,599
Guizhou	1,322	1,367	1,461	1,632	1,710	1,836	2,150	2,310	2,480	2,650	2,862
Yunnan	3,217	3,279	3,349	3,683	4,070	4,389	4,750	5,130	5,790	6,110	6,488
Xizang	298	270	279	243	310	330	350	390	390	460	454
Sum of above	147,359	159,631	166,029	180,099	194,840	208,988	229,470	248,360	265,750	280,670	287,077
SSB total	147,357	156,691	166,029	180,099	194,840	208,988	229,500	248,360	265,750	280,670	287,077

[1] 1980--85 data are converted from horsepower at a ratio of one horsepower = 0.735 kilowatts.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (8, pp. 247--248), (9, p. 323), (10, p. 358), (11, p. 404), (34, p. 342), and (35, p. 325).

Table 146---Mechanically tilled area, by region and province, China, 1980–90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	9,498	9,122	9,440	8,428	8,742	8,536	8,942	8,834	9,048	9,227	10,837
Heilongjiang	6,000	5,821	6,256	5,625	5,856	5,273	5,468	5,299	5,274	5,413	6,672
Liaoning	2,084	1,910	1,864	1,772	1,855	1,877	1,945	2,078	2,198	2,192	2,363
Jilin	1,414	1,391	1,320	1,031	1,031	1,386	1,529	1,457	1,575	1,622	1,802
North	14,185	12,233	11,647	11,410	11,917	12,267	12,852	13,832	14,693	15,363	16,552
Shandong	4,563	4,260	4,029	4,070	4,347	4,432	4,595	4,761	4,880	5,115	5,191
Hebei	3,820	3,234	3,038	2,651	2,666	2,792	2,957	3,278	3,491	3,717	4,250
Beijing	311	320	322	319	316	307	303	301	299	300	315
Tianjin	391	380	381	336	340	320	355	379	395	397	399
Henan	3,323	2,565	2,366	2,449	2,383	2,498	2,765	3,173	3,679	4,110	4,410
Shanxi	1,778	1,473	1,511	1,585	1,865	1,917	1,877	1,940	1,949	1,724	1,987
Northwest	6,071	4,961	4,638	4,450	4,952	4,709	5,165	5,692	6,142	6,661	8,109
Shaanxi	1,261	1,061	898	836	1,064	1,162	1,361	1,433	1,521	1,642	1,602
Gansu	650	489	560	525	549	558	658	757	682	787	943
Nei Monggol	1,631	1,080	896	849	1,100	808	992	1,182	1,422	1,587	2,582
Ningxia	316	163	140	154	168	176	186	232	258	281	338
Xinjiang	2,047	2,018	1,996	1,949	1,934	1,876	1,832	1,942	2,101	2,194	2,452
Qinghai	167	150	148	138	137	129	137	145	159	170	191
East	5,216	5,017	4,905	5,067	5,264	5,273	5,558	5,996	6,248	6,188	6,951
Zhejiang	966	913	852	780	741	747	754	751	782	797	1,081
Jiangsu	2,900	2,952	2,935	3,129	3,251	3,244	3,386	3,442	3,510	3,587	3,632
Shanghai	311	319	319	328	341	311	302	269	289	296	291
Anhui	1,038	834	798	829	931	971	1,116	1,534	1,666	1,508	1,946
Central	2,550	2,223	1,789	1,556	1,561	1,386	1,442	1,435	2,057	2,282	2,773
Hubei	1,193	1,110	960	788	709	579	544	482	886	1,017	1,097
Hunan	671	514	349	401	327	347	417	482	601	675	1,036
Jiangxi	685	599	480	367	525	460	482	470	569	590	641
South	2,366	1,933	1,726	1,819	1,689	1,565	1,732	1,785	1,810	1,895	1,983
Guangdong	1,153	888	777	844	808	783	791	790	739	798	865
Guangxi	783	643	595	618	549	467	572	614	658	663	679
Fujian	431	402	354	357	332	315	369	381	393	418	419
Hainan[2]	na	na	na	na	na	na	na	na	20	16	21
Southwest	1,105	988	971	842	797	707	736	819	917	984	1,051
Sichuan	779	727	757	627	586	519	528	520	557	577	609
Guizhou	29	13	9	6	3	3	6	6	12	17	26
Yunnan	235	194	155	164	177	164	184	277	330	371	399
Xizang	62	54	51	45	30	22	18	16	18	18	17
Sum of above	40,990	36,477	35,115	33,572	34,922	34,442	36,428	38,393	40,914	42,600	48,255
SSB total	40,990	36,477	35,115	33,572	34,922	34,442	36,428	38,393	40,914	42,600	48,255

[1] Mechanically tilled area refers to cultivated area ploughed by tractors. Although a farmer may till his land several times in 1 year, the area is only counted once.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 63), (4, p. 80), (5, p. 119), (7, p. 217), (9, p. 340), (11, p. 432), (34, p. 346), and (35, p. 329).

Table 147--Mechanically sown area, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	5,920	5,595	5,480	5,342	5,330	5,046	5,221	5,258	5,417	5,961	7,624
Heilongjiang	3,968	4,013	4,034	4,257	4,241	3,982	3,975	3,877	3,816	4,014	5,457
Liaoning	741	560	456	323	312	269	255	302	460	614	723
Jilin	1,211	1,022	989	762	777	795	991	1,079	1,141	1,333	1,444
North	4,824	3,618	3,360	3,108	3,220	3,386	3,697	4,249	4,985	5,674	6,694
Shandong	1,841	1,479	1,389	1,385	1,333	1,353	1,455	1,708	1,948	2,286	2,641
Hebei	1,726	1,166	1,063	953	1,010	1,162	1,232	1,413	1,618	1,812	2,202
Beijing	235	228	233	233	239	234	227	233	256	273	322
Tianjin	141	110	92	76	81	72	87	83	103	109	132
Henan	520	426	367	296	295	338	436	495	690	755	810
Shanxi	361	209	216	166	262	227	260	317	370	438	588
Northwest	3,456	3,317	3,223	3,001	3,316	3,202	3,460	3,822	4,196	4,532	5,726
Shaanxi	681	669	654	475	544	687	811	932	1,078	1,143	1,213
Gansu	196	177	238	241	268	287	312	362	365	458	519
Nei Monggol	751	637	474	423	574	346	399	459	562	659	1,462
Ningxia	117	106	99	113	124	128	139	161	175	189	229
Xinjiang	1,553	1,596	1,642	1,643	1,689	1,640	1,677	1,778	1,879	1,937	2,141
Qinghai	157	132	117	107	119	114	122	130	137	146	163
East	482	427	388	385	356	392	504	590	693	890	1,425
Zhejiang	1	0	0	0	0	0	0	0	0	0	3
Jiangsu	399	369	319	330	309	333	433	521	591	746	1,046
Shanghai	7	5	7	1	7	9	10	14	15	20	20
Anhui	76	53	63	55	39	50	61	55	87	124	356
Central	224	149	116	85	66	51	51	42	35	44	48
Hubei	211	138	106	82	66	50	50	41	34	43	48
Hunan	11	9	5	2	0	1	1	1	1	1	0
Jiangxi	3	3	5	1	0	0	0	0	0	0	0
South	9	7	5	2	6	2	1	9	11	7	6
Guangdong	2	5	2	0	1	1	1	9	10	6	5
Guangxi	4	2	3	1	1	1	0	0	0	0	0
Fujian	3	0	0	1	5	0	0	0	1	1	0
Hainan[2]	na	na	na	na	na	na	na	na	0	0	0
Southwest	64	41	54	39	35	30	23	24	41	43	46
Sichuan	20	6	20	9	6	4	4	5	10	12	14
Guizhou	0	0	0	0	0	0	0	0	1	1	0
Yunnan	7	4	2	2	7	8	0	1	1	2	2
Xizang	36	31	31	28	22	18	18	18	29	28	30
Sum of above	14,979	13,156	12,625	11,963	12,330	12,109	12,957	13,994	15,378	17,150	21,570
SSB total	14,977	13,156	12,625	11,963	12,330	12,109	12,957	13,994	15,378	17,150	21,570

[1] Mechanically sown area refers to cultivated area sown by any type of machine seeder. Although land is generally seeded several times a year, it is only counted once.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 63), (4, p. 80), (5, p. 119) (6, p. 159), (7, p. 217), (8, p. 265), (9, p. 340), (10, p. 376), (11, p. 432), (34, p. 346), and (35, p. 329).

Table 148--Mechanically harvested area, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 hectares					
Northeast	2,162	1,995	2,393	2,399	2,320	2,168	2,183	2,119	2,054	2,257	2,913
Heilongjiang	2,149	1,982	2,381	2,381	2,306	2,162	2,170	2,104	2,015	2,235	2,887
Liaoning	1	1	1	1	1	1	1	4	7	8	14
Jilin	12	12	12	17	14	5	11	11	32	13	13
North	808	825	684	706	889	1,194	1,679	2,125	3,132	3,847	5,218
Shandong	356	421	295	296	285	359	524	676	1,024	1,248	1,746
Hebei	237	216	206	205	259	313	396	513	679	824	1,172
Beijing	36	37	37	38	48	55	61	74	115	137	194
Tianjin	16	9	7	4	4	3	8	26	64	81	100
Henan	117	130	123	145	252	386	555	668	1,042	1,298	1,629
Shanxi	46	13	15	19	40	78	135	168	208	260	377
Northwest	1,097	1,142	1,180	1,196	1,305	1,138	1,239	1,302	1,351	1,446	1,648
Shaanxi	30	23	24	21	41	55	95	120	153	173	219
Gansu	41	44	77	65	68	68	72	81	61	101	125
Nei Monggol	313	267	259	310	359	196	239	235	245	267	327
Ningxia	20	19	19	21	20	19	22	23	23	24	30
Xinjiang	651	740	744	723	756	734	742	772	796	806	865
Qinghai	42	50	57	56	60	65	68	70	73	75	82
East	152	141	135	143	159	189	313	489	660	701	1,096
Zhejiang	13	9	8	6	6	7	6	16	20	12	19
Jiangsu	84	74	72	70	72	79	142	229	325	370	532
Shanghai	14	16	18	22	26	24	29	37	53	65	78
Anhui	42	43	38	44	56	79	136	207	261	255	467
Central	98	93	81	58	59	51	61	58	67	85	99
Hubei	86	80	69	53	55	48	56	55	52	81	98
Hunan	5	7	6	3	3	2	2	2	4	4	1
Jiangxi	6	6	6	2	2	1	3	1	10	0	1
South	22	19	14	14	14	4	12	7	18	10	10
Guangdong	13	14	9	10	10	2	5	4	15	6	6
Guangxi	7	4	4	3	3	2	1	1	1	2	2
Fujian	2	1	1	1	1	0	7	1	2	1	2
Hainan[2]	na	na	na	na	na	na	na	na	0	0	0
Southwest	22	20	23	20	29	10	21	21	13	16	13
Sichuan	8	6	9	12	21	6	17	9	3	3	5
Guizhou	1	0	0	0	0	0	0	0	0	0	0
Yunnan	6	4	7	3	3	0	0	4	9	5	4
Xizang	8	10	7	5	6	4	3	9	1	7	4
Sum of above	4,362	4,236	4,510	4,536	4,775	4,754	5,507	6,121	7,295	8,362	10,997
SSB total	4,362	4,236	4,510	4,536	4,775	4,754	5,507	6,121	7,295	8,362	10,997

[1] Mechanically harvested area refers to cultivated area harvested by combines or other machinery. Although a farmer may harvest several crops a year from a single piece of land, it is only counted once.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, p. 63), (4, p. 80), (5, p. 119), (6, p. 158), (7, p. 217), (8, p. 265), (9, p. 340), (10, p. 376), (11, p. 432), (34, p. 346), and (35, p. 329).

Table 149--Draft animal yearend inventory, by region and province, China, 1979-90[1]

Region/province	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 head						
Northeast	5,064	4,699	4,741	5,001	5,576	5,841	6,128	5,996	6,210	5,871	5,947	6,118
Heilongjiang	1,713	1,490	1,516	1,562	1,794	1,843	1,951	1,919	1,833	1,834	1,838	1,937
Liaoning	1,883	1,773	1,773	1,835	1,974	2,099	2,164	2,195	2,546	2,174	2,173	2,172
Jilin	1,468	1,436	1,452	1,604	1,808	1,899	2,013	1,882	1,831	1,863	1,936	2,009
North	11,440	11,576	12,410	13,346	14,043	14,903	15,826	16,846	17,577	18,790	19,321	19,800
Shandong	2,849	2,843	2,895	3,031	3,190	3,258	3,520	3,794	4,173	4,758	5,046	5,285
Hebei	2,604	2,529	2,478	2,778	2,990	3,208	3,419	3,628	3,695	3,802	3,824	3,964
Beijing	204	193	192	182	181	176	83	86	87	103	166	163
Tianjin	188	149	167	163	174	191	202	213	226	228	246	249
Henan	4,004	4,238	4,989	5,412	5,622	6,157	6,646	7,081	7,384	7,796	7,940	7,983
Shanxi	1,591	1,624	1,689	1,780	1,886	1,913	1,956	2,044	2,012	2,043	2,099	2,156
Northwest	7,737	7,964	8,563	9,263	9,870	10,222	10,667	11,071	11,038	11,103	11,228	11,344
Shaanxi	1,593	1,634	1,686	1,805	1,803	1,771	1,823	1,879	1,931	1,992	2,016	2,007
Gansu	2,107	2,239	2,421	2,608	2,720	2,896	3,080	3,274	3,355	3,468	3,477	3,556
Nei Monggol	1,803	1,754	1,920	2,132	2,413	2,487	2,581	2,612	2,517	2,393	2,468	2,512
Ningxia	366	390	446	510	509	537	564	588	561	574	547	551
Xinjiang	1,431	1,549	1,637	1,736	1,831	1,941	1,973	2,055	2,084	2,042	2,062	2,100
Qinghai	437	398	453	472	594	590	646	663	590	634	658	618
East	3,716	3,896	4,303	4,507	4,568	4,538	4,746	4,866	4,910	5,005	5,016	5,011
Zhejiang	606	581	591	606	590	557	539	526	507	494	484	473
Jiangsu	954	874	846	825	790	675	677	682	630	658	601	660
Shanghai	31	28	26	25	22	19	16	14	13	11	10	10
Anhui	2,125	2,413	2,840	3,051	3,166	3,287	3,514	3,644	3,760	3,842	3,921	3,868
Central	6,176	6,104	6,325	6,618	6,765	6,943	7,140	7,418	7,709	7,764	7,999	8,115
Hubei	2,255	2,199	2,191	2,292	2,362	2,420	2,463	2,538	2,563	2,560	2,598	2,619
Hunan	2,313	2,324	2,462	2,572	2,573	2,621	2,696	2,772	2,930	2,898	2,987	2,970
Jiangxi	1,608	1,581	1,672	1,754	1,830	1,902	1,981	2,108	2,216	2,306	2,414	2,526
South	5,877	6,149	6,854	7,445	7,879	8,246	8,664	9,043	9,378	9,593	9,911	10,318
Guangdong	2,511	2,700	3,045	3,292	3,521	3,692	3,818	3,942	4,058	3,458	3,546	3,764
Guangxi	2,662	2,733	3,043	3,341	3,541	3,688	3,967	4,223	4,422	4,561	4,754	4,910
Fujian	704	716	766	812	817	866	879	878	898	903	936	951
Hainan[2]	na	na	na	na	na	na	na	na	na	671	675	693
Southwest	10,282	10,492	11,509	12,153	12,549	13,339	13,293	13,810	14,309	14,065	14,898	15,354
Sichuan	3,822	3,783	3,947	4,046	4,155	4,148	4,142	4,269	4,342	4,378	4,416	4,527
Guizhou	2,735	2,851	3,085	3,295	3,364	3,578	3,704	3,860	4,053	4,170	4,330	4,525
Yunnan	2,848	3,043	3,331	3,658	3,969	4,262	4,456	4,632	4,771	4,845	4,929	5,044
Xizang	877	815	1,146	1,154	1,061	1,351	991	1,049	1,143	672	1,223	1,258
Sum of above	50,292	50,880	54,705	58,333	61,250	64,032	66,464	69,050	71,131	72,191	74,320	76,060
SSB total	50,292	50,880	54,705	58,333	61,250	64,032	66,464	69,050	71,131	72,191	74,320	76,060

[1] Draft animals include animals used for field operations and hauling. Draft type animals that are not actually being used for draft purposes are excluded.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (2, p. 121), (4, p. 58), (5, p. 76), (6, p. 199), (7, p. 176), (8, p. 211), (9, p. 256), (10, p. 281), (11, p. 314), (34, p. 376), (35, p. 359), and (39, p. 98).

Table 150--Labor force in rural areas and townships, China, selected years, 1978-90[1]

Category	1978	1980	1981	1982	1983	1984
			1,000 persons			
Labor force:						
Rural areas	313,485	325,059	333,432	345,333	353,571	366,238
Townships	306,378	318,359	326,723	338,665	346,898	359,676
Agriculture	283,945	298,793	307,146	311,857	316,451	316,850
Crop farming	256,775	266,726	276,776	281,555	282,836	254,969
Forestry	3,002	3,152	2,548	2,743	3,157	3,414
Animal husbandry	6,432	7,481	6,535	6,502	7,944	20,710
Sideline production	17,123	19,842	19,784	19,499	20,918	35,277
Fishery	613	1,592	1,503	1,558	1,596	2,480
Township (commune) industry	8,278	8,416	9,125	9,495	8,730	10,336
Village industry	9,062	11,006	10,682	11,233	11,440	13,878
Construction	2,298	2,830	2,973	3,789	4,825	8,114
Transportation, post, telecommunication	796	900	1,013	1,147	1,609	3,164
Commerce, catering	643	1,114	1,209	1,304	2,052	4,217
Service trade	123	446	457	474	694	1,223
Culture, education, health, social welfare	4,841	4,425	3,202	3,579	3,760	3,987
Scientific research	na	80	163	136	117	120
Administration	368	370	359	339	554	739
Temporary (contract) workers	1,901	1,210	1,322	2,847	4,320	6,000
Others	3,308	221	211	4,170	4,470	6,149

	1985	1986	1987	1988	1989	1990
			1,000 persons			
Labor force:						
Rural areas	370,651	379,898	390,004	400,667	409,390	420,100
Agriculture[2]	303,515	304,679	308,700	314,557	324,410	333,360
Industry	na	31,393	32,972	34,128	32,560	32,290
Construction	11,301	13,086	14,313	15,255	15,020	15,230
Transportation, post, telecommunication	4,341	5,061	5,625	6,073	6,140	6,350
Commerce and catering	4,626	5,318	6,069	6,571	6,520	6,930
Service trade	1,003	1,262	1,381	1,501	1,510	1,560
Management of fixed assets	887	na	na	na	na	na
Finance, insurance	116	142	162	196	210	230
Culture, education, health, social welfare	4,325	na	na	na	na	na
Health, recreation, welfare	1,224	1,246	1,270	1,291	1,320	1,370
Educational and cultural broadcasting	3,101	3,147	3,139	3,093	3,060	3,100
Scientific research	130	154	156	171	180	200
Administration	809	1,034	1,196	1,286	1,370	1,500
Others	13,191	na	15,021	16,545	17,090	17,980

[1] Not all of the headings in the first section (1978-84) are used in the second section (1985-90) and vice versa. Where a category is missing, data were not available for every year in that section.

[2] Includes crop farming, forestry, animal husbandry, sideline production, and fishery.

Sources: (30, p. 147), (32, p. 211), (33, p. 161), (35, p. 113), and (54, p. 109).

Table 151--Chemical fertilizer production, China, 1949-90[1]

Year	Total		Nitrogen		Phosphorus		Potassium	
	Standard	Effective	Standard	Effective	Standard	Effective	Standard	Effective
				1,000 tons				
1949	30	6	30	6	na	na	na	na
1950	70	15	na	15	na	na	na	na
1951	130	28	na	28	na	na	na	na
1952	190	39	190	39	na	na	na	na
1953	240	50	na	50	na	na	na	na
1954	320	67	na	67	na	na	na	na
1955	380	79	na	79	na	1	na	na
1956	540	111	na	97	na	14	na	0
1957	730	151	613	129	122	22	na	0
1958	960	194	na	151	na	42	na	1
1959	1,330	266	na	164	na	90	50	13
1960	2,070	405	na	196	na	193	na	16
1961	1,510	2,997	na	173	na	122	na	2
1962	2,309	464	1,608	338	697	126	4	0
1963	3,230	648	na	458	na	189	na	1
1964	5,060	1,008	na	675	na	332	na	1
1965	8,766	1,726	4,940	1,037	3,822	688	4	1
1966	12,220	2,409	na	1,461	na	946	na	2
1967	8,290	1,641	na	1,015	na	622	na	4
1968	5,580	1,109	na	684	na	422	na	3
1969	8,890	1,749	na	1,023	na	723	na	3
1970	12,310	2,435	7,250	1,523	5,040	907	20	5
1971	15,280	2,994	na	1,904	na	1,078	na	12
1972	19,164	3,701	na	2,444	na	1,249	na	8
1973	24,254	4,592	14,266	2,996	9,962	1,589	26	7
1974	22,341	4,222	na	2,827	na	1,390	na	5
1975	28,504	5,247	17,834	3,709	10,632	1,531	34	7
1976	28,509	5,244	18,184	3,815	10,288	1,418	38	11
1977	35,807	7,238	26,236	5,509	9,488	1,708	83	21
1978	42,154	8,693	36,375	7,639	5,696	1,033	83	21
1979	52,159	10,654	42,002	8,821	10,094	1,817	63	16
1980	58,657	12,321	na	9,993	na	2,308	na	20
1981	58,995	12,390	na	9,857	na	2,508	na	26
1982	60,861	12,781	na	10,219	na	2,537	na	25
1983	65,662	13,789	na	11,094	na	2,666	na	29
1984	na	14,602	na	12,210	na	2,360	na	31
1985	na	13,222	na	11,438	na	1,760	na	24
1986	na	13,957	na	11,592	na	2,340	na	25
1987	na	16,722	na	13,423	na	3,259	na	40
1988	na	17,402	na	13,653	na	3,692	na	57
1989	na	18,025	na	14,241	na	3,728	na	56
1990	na	18,797	na	14,636	na	4,114	na	47

[1] Standard weight is gross weight converted into the weight of standard fertilizers: ammonium sulfate (20 % nitrogen), super phosphate (18.7 % phosphorus), and potassium sulfate (40 % potassium). Effective weight measures the actual nutrient content. Standard weights are not available after the early 1980's.

Sources: (30, p. 297), (33, p. 300), (35, p. 426), and (56, pp. 324-333).

Table 152--Chemical fertilizer application, China, 1951-90[1]

Year[2]	Total chemical fertilizer application		Average application per hectare			
			Cultivated area[3]		Sown area	
	Standard	Effective	Standard	Effective	Standard	Effective
	- 1,000 tons -		*----- Kilograms per hectare -----*			
1951	130	27	na	0	na	na
1952	295	78	3	1	na	na
1953	592	na	na	na	4	na
1954	802	na	na	na	5	na
1955	1255	170	na	2	8	1
1956	1608	na	na	na	10	na
1957	1794	373	16	3	11	2
1958	2708	546	26	6	17	4
1959	2533	538	24	5	18	4
1960	3164	662	30	6	21	5
1961	2242	448	22	4	16	3
1962	3105	630	30	6	23	5
1963	4483	1043	44	10	32	8
1964	5363	1290	52	12	38	9
1965	8812	1942	85	19	61	14
1966	12582	2655	122	26	86	18
1967	13128	2661	133	26	94	18
1968	10129	1995	100	20	73	14
1969	13611	2731	134	27	96	20
1970	15811	3512	157	35	110	25
1971	18142	3647	180	36	125	25
1972	20931	4207	208	42	141	29
1973	25553	5111	255	51	172	35
1974	24051	4858	241	48	164	33
1975	26579	5369	266	54	178	36
1976	28850	5828	290	59	194	39
1977	31920	6480	322	65	214	42
1978	43681	8840	440	89	291	59
1979	52476	10863	527	110	357	67
1980	58649	12694	587	128	401	87
1981	61768	13349	622	135	425	92
1982	68120	15134	695	154	471	104
1983	73845	16598	750	169	513	116
1984	74959	17398	na	na	520	121
1985	73105	17758	na	na	509	124
1986	79960	19306	na	na	556	134
1987	83772	19997	na	na	na	na
1988	89311	21415	na	na	na	na
1989	97091	23571	na	na	na	na
1990	105514	25903	na	na	na	na

[1] Standard weight is gross weight converted standard fertilizer weight: ammonium sulfate (20% nitrogen), super phosphate (18.7% phosphorus), and potassium sulfate (40% potassium). Effective weight measures actual nutrient content.

[2] Fertilizer application (use) data for 1965 and earlier are sales volume.

[3] Effective for 1958-59, 1961-64, 1966-69, and 1971-74, and standard for 1980-83 derived from the ratio of that years sown area standard to effective weight.

Sources: (8, pp. 268-269), (9, pp. 343-344), (10, pp. 379-380), (11, pp. 435-437) (33, p. 183), (34, p. 347), (35, pp. 330-331), and (56, pp. 340-341).

Table 153--Compound fertilizer application, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	46	132	164	211	307	377	398	416	451	464	536
Heilongjiang	25	60	80	116	139	151	144	165	179	178	200
Liaoning	8	18	20	29	76	84	89	63	75	82	97
Jilin	13	54	64	66	92	142	165	188	197	204	239
North	74	184	241	299	445	667	587	594	690	844	1,043
Shandong	33	85	110	156	191	299	283	304	349	417	490
Hebei	6	11	32	49	109	161	139	139	163	200	244
Beijing	0	0	0	2	4	7	7	13	15	22	36
Tianjin	2	3	3	2	2	3	5	7	9	12	13
Henan	31	78	88	65	85	123	101	89	101	125	179
Shanxi	2	7	8	25	54	74	52	42	53	68	81
Northwest	42	76	74	93	154	207	218	210	232	288	327
Shaanxi	12	22	13	16	37	62	38	44	49	59	69
Gansu	7	10	8	11	31	41	56	46	44	62	62
Nei Monggol	4	17	22	24	31	42	46	44	49	49	75
Ningxia	4	5	3	3	5	8	17	21	21	23	21
Xinjiang	9	16	14	30	40	46	52	47	55	80	88
Qinghai	6	6	14	9	10	8	9	8	14	15	12
East	37	66	72	102	172	236	244	357	405	418	535
Zhejiang	6	13	10	9	15	20	26	57	55	59	77
Jiangsu	13	16	26	39	68	88	105	180	220	213	282
Shanghai	1	1	1	0	0	1	0	5	3	4	5
Anhui	17	36	35	54	89	127	113	115	127	142	171
Central	32	46	64	67	91	123	131	189	215	270	356
Hubei	13	27	38	45	60	67	68	89	100	134	190
Hunan	13	15	12	11	17	31	37	57	70	84	102
Jiangxi	6	4	14	11	14	25	26	43	45	52	64
South	25	32	35	42	56	121	157	221	268	340	393
Guangdong	16	12	12	18	24	57	82	119	130	176	189
Guangxi	4	12	13	10	12	29	33	45	63	75	101
Fujian	5	8	10	14	20	35	42	57	59	70	79
Hainan[2]	na	na	na	na	na	na	na	na	16	19	24
Southwest	16	30	35	48	40	65	73	100	151	185	226
Sichuan	9	16	16	18	14	27	33	49	88	101	134
Guizhou	3	6	9	13	11	17	18	19	20	25	30
Yunnan	3	7	8	13	10	15	18	28	38	54	57
Xizang	1	1	2	4	5	6	4	4	5	5	5
Sum of above	272	566	685	862	1,265	1,796	1,808	2,087	2,412	2,809	3,416
SSB total	273	566	685	862	1,265	1,796	1,808	2,087	2,412	2,809	3,416

[1] Data are on an effective (nutrient) weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 65-66), (4, p. 81), (6, pp. 164-165), (8, p. 269), (9, p. 344), (10, p. 380), (11, p. 438), (34, p. 347), and (35, p. 330).

Table 154--Nitrogen fertilizer application, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	869	772	805	895	1,044	1,004	1,116	1,163	1,187	1,307	1,492
Heilongjiang	189	161	161	168	214	187	224	254	265	308	370
Liaoning	435	406	411	452	498	492	503	476	500	537	574
Jilin	245	205	233	275	332	325	389	433	422	462	548
North	2,578	2,484	2,797	3,149	3,413	3,303	3,412	3,402	3,639	4,041	4,324
Shandong	1,032	1,014	1,123	1,234	1,313	1,274	1,280	1,327	1,373	1,479	1,541
Hebei	593	566	622	709	756	725	774	778	833	885	921
Beijing	82	74	78	76	71	62	67	75	81	86	98
Tianjin	43	34	30	33	32	35	33	31	43	47	47
Henan	575	572	741	880	967	957	990	914	1,012	1,234	1,373
Shanxi	253	224	203	217	274	250	268	277	297	310	344
Northwest	505	466	568	677	724	742	810	828	918	1,089	1,245
Shaanxi	246	211	256	296	330	325	338	330	366	425	486
Gansu	98	87	107	123	133	136	155	143	144	185	216
Nei Monggol	30	53	65	102	95	113	126	144	164	188	209
Ningxia	30	28	33	39	42	42	48	50	60	74	82
Xinjiang	85	74	91	102	108	111	125	142	184	193	225
Qinghai	16	13	16	15	16	15	18	19	20	24	27
East	1,989	2,071	2,307	2,413	2,508	2,551	2,718	2,767	3,032	3,189	3,249
Zhejiang	497	495	527	559	564	572	613	632	706	697	678
Jiangsu	920	946	1,083	1,113	1,166	1,152	1,232	1,230	1,381	1,458	1,506
Shanghai	171	146	139	136	120	106	132	133	134	148	161
Anhui	401	484	558	605	658	721	741	772	811	886	904
Central	1,198	1,237	1,392	1,639	1,540	1,529	1,773	1,884	2,065	2,048	2,143
Hubei	440	441	517	587	622	625	728	807	842	843	912
Hunan	506	537	560	701	582	596	678	688	794	770	770
Jiangxi	252	259	315	351	336	308	367	389	429	435	461
South	1,093	1,168	1,299	1,414	1,378	1,360	1,526	1,620	1,739	1,857	1,915
Guangdong	520	628	665	742	724	743	821	875	882	944	958
Guangxi	251	276	331	345	330	319	354	371	373	400	450
Fujian	262	264	303	327	324	298	351	374	416	440	437
Hainan[2]	na	na	na	na	na	na	na	na	68	73	70
Southwest	1,110	1,222	1,265	1,451	1,546	1,560	1,771	1,604	1,591	1,837	2,016
Sichuan	757	873	875	1,007	1,063	1,096	1,232	1,097	1,070	1,263	1,391
Guizhou	159	168	168	178	199	196	230	229	230	244	263
Yunnan	192	180	220	258	278	266	308	277	285	325	355
Xizang	2	1	2	8	6	2	1	1	6	5	7
Sum of above	9,342	9,420	10,433	11,638	12,153	12,049	13,126	13,268	14,171	15,368	16,384
SSB total	9,342	9,420	10,433	11,638	12,153	12,049	13,126	13,268	14,171	15,368	16,384

[1] Data are on an effective (nutrient) weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 65-66), (4, p. 81), (6, pp. 164-165), (8, p. 269), (9, p. 344), (10, p. 380), (11, pp. 437-438), (34, p. 347), and (35, p. 330).

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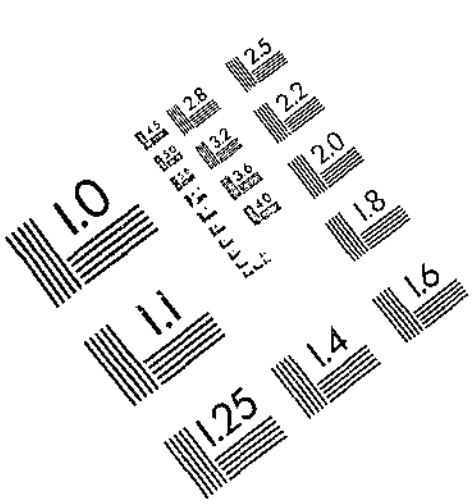

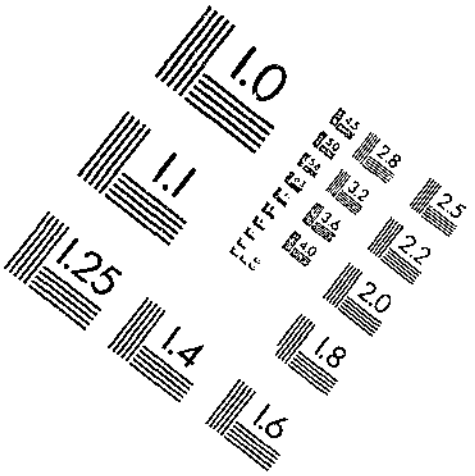

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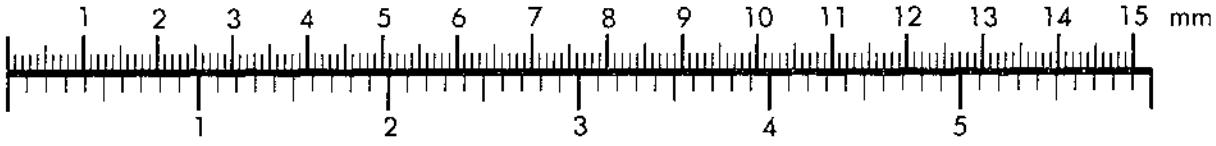

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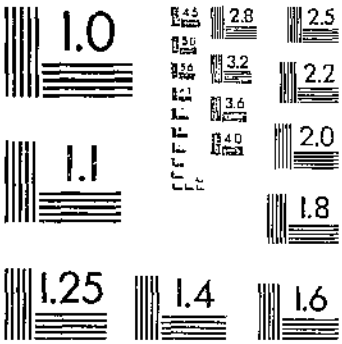

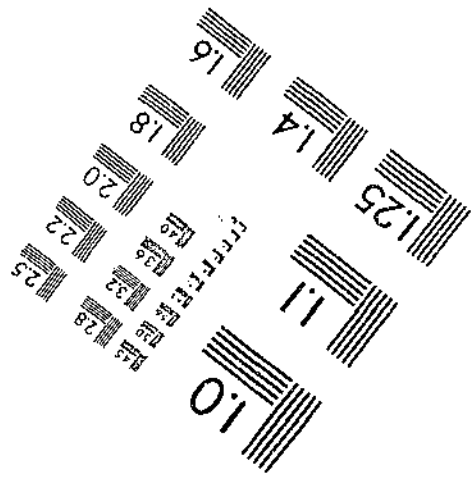

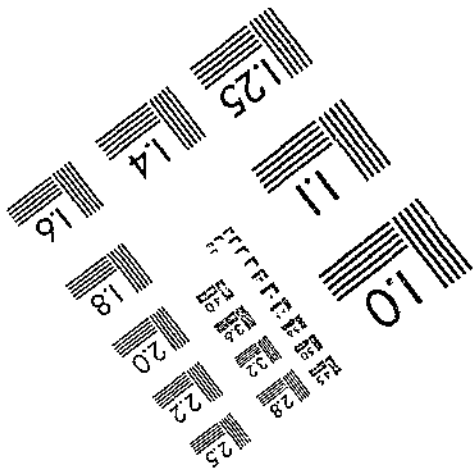

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Table 155--Phosphorus fertilizer application, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	331	385	374	362	349	239	271	262	242	309	339
Heilongjiang	117	131	110	112	103	71	100	93	86	157	171
Liaoning	172	204	202	188	182	124	129	128	121	119	132
Jilin	42	50	62	62	64	44	42	41	35	33	36
North	589	707	904	1,065	1,033	850	969	950	1,015	1,129	1,281
Shandong	277	340	386	400	358	249	289	293	309	329	354
Hebei	138	145	216	248	241	198	221	234	242	249	261
Beijing	28	27	29	30	23	13	16	12	10	9	9
Tianjin	8	2	3	4	10	4	4	4	4	6	6
Henan	94	153	211	322	323	322	361	326	363	433	520
Shanxi	44	40	59	61	78	64	78	81	87	103	131
Northwest	111	112	140	150	167	161	179	201	230	285	345
Shaanxi	26	25	35	40	40	36	49	55	67	83	101
Gansu	31	28	39	42	36	30	35	41	48	70	92
Nei Monggol	1	9	10	14	34	41	41	44	43	48	54
Ningxia	12	10	8	9	7	7	9	8	12	14	13
Xinjiang	26	29	38	36	42	40	38	43	52	61	73
Qinghai	15	11	10	9	8	7	7	10	8	9	12
East	496	587	778	675	660	680	751	770	773	796	899
Zhejiang	109	111	119	109	93	98	132	122	123	125	138
Jiangsu	234	272	334	314	304	305	331	341	332	340	362
Shanghai	35	23	27	24	22	18	20	21	29	27	80
Anhui	118	181	298	228	241	259	268	286	289	304	319
Central	408	394	428	448	370	456	549	590	628	664	702
Hubei	86	88	117	140	165	178	201	231	245	274	311
Hunan	218	215	224	236	130	160	207	215	223	229	213
Jiangxi	104	91	87	72	75	118	141	144	160	161	178
South	362	364	406	364	354	353	400	438	437	502	496
Guangdong	163	152	168	161	152	161	178	206	183	219	201
Guangxi	114	125	138	118	104	107	115	124	128	131	148
Fujian	85	87	100	85	98	85	107	108	113	135	128
Hainan[2]	na	na	na	na	na	na	na	na	13	17	19
Southwest	436	407	418	450	353	370	479	507	496	504	562
Sichuan	319	292	273	276	205	205	291	314	315	316	371
Guizhou	44	48	54	63	59	57	68	71	70	66	72
Yunnan	73	67	90	110	88	108	120	122	110	120	115
Xizang	0	0	1	1	1	0	0	0	1	2	4
Sum of above	2,733	2,956	3,448	3,514	3,286	3,109	3,598	3,718	3,821	4,189	4,624
SSB total	2,733	2,956	3,448	3,514	3,286	3,109	3,598	3,718	3,821	4,189	4,624

[1] Data are on an effective (nutrient) weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 65-66), (4, p. 81), (6, pp. 164-165), (8, p. 269), (9, p. 344), (10, p. 380), (11, pp. 437-438), (34, p. 347), and (35, p. 330).

Table 156--Potassium fertilizer application, by region and province, China, 1980-90[1]

Region/province	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	21	10	13	17	28	31	26	31	32	42	59
Heilongjiang	15	5	7	6	10	12	9	10	14	18	24
Liaoning	3	2	2	6	6	9	6	6	5	6	11
Jilin	3	3	4	5	12	10	11	15	13	16	24
North	51	60	59	79	90	100	101	86	97	132	170
Shandong	12	25	20	19	33	35	37	37	41	50	70
Hebei	10	9	13	12	19	20	19	14	18	22	26
Beijing	0	0	1	0	0	0	0	0	0	0	1
Tianjin	1	1	0	1	1	1	.	1	1	2	3
Henan	24	22	15	39	27	34	35	27	30	51	60
Shanxi	4	3	10	8	10	10	9	7	7	7	10
Northwest	21	21	21	23	19	18	23	22	31	39	46
Shaanxi	12	10	9	7	9	6	12	7	13	17	23
Gansu	5	4	4	3	3	3	3	4	7	7	5
Nei Monggol	1	4	4	4	3	3	4	7	4	7	7
Ningxia	0	0	0	0	0	0	0	0	0	0	0
Xinjiang	2	2	2	3	3	6	4	4	5	5	9
Qinghai	1	1	2	6	1	0	0	0	2	3	2
East	34	46	55	59	76	85	75	98	109	121	175
Zhejiang	6	7	13	15	21	21	16	27	37	44	54
Jiangsu	15	19	23	24	29	34	30	29	32	36	68
Shanghai	0	0	1	1	2	1	1	13	1	1	2
Anhui	13	20	18	19	24	29	28	29	39	40	51
Central	88	122	205	158	193	245	224	247	296	340	382
Hubei	19	18	25	25	42	47	44	53	53	66	73
Hunan	60	82	117	98	102	110	90	106	139	161	176
Jiangxi	9	22	63	35	49	88	90	88	104	113	133
South	114	129	184	221	245	282	281	362	394	468	568
Guangdong	68	65	94	124	136	143	141	181	187	224	276
Guangxi	28	33	48	47	49	66	68	96	114	129	163
Fujian	18	31	42	50	60	73	72	85	83	104	120
Hainan[2]	na	na	na	na	na	na	na	na	10	11	9
Southwest	17	19	31	27	43	43	44	51	53	63	79
Sichuan	10	11	21	16	21	19	17	20	25	20	29
Guizhou	2	4	6	6	10	10	12	15	10	20	22
Yunnan	5	4	4	5	11	14	15	16	18	22	28
Xizang	0	0	0	0	1	0	0	0	0	1	0
Sum of above	346	407	568	584	694	804	774	897	1,012	1,205	1,479
SSB total	346	407	568	584	694	804	774	897	1,012	1,205	1,479

[1] Data are on an effective (nutrient) weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 65-66), (4, p. 81), (6, pp. 164-165), (8, p. 269), (9, p. 344), (10, p. 380), (11, pp. 437-438), (34, p. 347), and (35, p. 330).

Table 157--Total chemical fertilizer application, by region and province, China, 1980-90[1]

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						1,000 tons					
Northeast	1,267	1,299	1,356	1,485	1,728	1,651	1,811	1,872	1,912	2,122	2,426
Heilongjiang	346	357	358	402	466	421	477	522	544	661	765
Liaoning	618	630	635	675	762	709	727	673	701	746	814
Jilin	303	312	363	408	500	521	607	677	667	715	847
North	3,292	3,435	4,001	4,592	4,981	4,920	5,069	5,032	5,441	6,146	6,818
Shandong	1,354	1,464	1,639	1,809	1,895	1,857	1,889	1,961	2,072	2,275	2,455
Hebei	747	731	883	1,018	1,125	1,104	1,153	1,165	1,256	1,356	1,452
Beijing	110	101	108	108	98	82	90	100	106	117	144
Tianjin	54	40	36	40	45	43	43	43	57	67	69
Henan	724	825	1,055	1,306	1,402	1,436	1,487	1,356	1,506	1,843	2,132
Shanxi	303	274	280	311	416	398	407	407	444	488	566
Northwest	679	675	803	943	1,064	1,128	1,230	1,261	1,411	1,701	1,963
Shaanxi	296	268	313	359	416	429	437	436	495	584	679
Gansu	141	129	158	179	203	210	249	234	243	324	375
Nei Monggol	36	83	101	144	163	199	217	239	260	292	345
Ningxia	46	43	44	51	54	57	74	79	93	111	116
Xinjiang	122	121	145	171	193	203	219	236	276	339	395
Qinghai	38	31	42	39	35	30	34	37	44	51	53
East	2,556	2,770	3,212	3,249	3,416	3,552	3,788	3,992	4,319	4,524	4,858
Zhejiang	618	626	669	692	693	711	787	838	921	925	947
Jiangsu	1,182	1,253	1,466	1,490	1,567	1,579	1,698	1,780	1,965	2,047	2,218
Shanghai	207	170	168	161	144	126	153	172	167	180	248
Anhui	549	721	909	906	1,012	1,136	1,150	1,202	1,266	1,372	1,445
Central	1,726	1,799	2,089	2,312	2,194	2,353	2,677	2,910	3,204	3,322	3,583
Hubei	558	574	697	797	889	917	1,041	1,180	1,240	1,317	1,486
Hunan	797	849	913	1,046	831	897	1,012	1,066	1,226	1,244	1,261
Jiangxi	371	376	479	469	474	539	624	664	738	761	836
South	1,595	1,693	1,922	2,041	2,033	2,116	2,364	2,641	2,837	3,167	3,372
Guangdong	828	857	939	1,045	1,036	1,104	1,222	1,381	1,382	1,563	1,624
Guangxi	397	446	530	520	495	521	570	636	678	735	862
Fujian	370	390	453	476	502	491	572	624	671	749	764
Hainan[2]	na	na	na	na	na	na	na	na	106	120	122
Southwest	1,579	1,678	1,749	1,976	1,982	2,038	2,367	2,262	2,291	2,589	2,883
Sichuan	1,095	1,192	1,185	1,317	1,303	1,347	1,573	1,480	1,498	1,700	1,925
Guizhou	208	226	237	260	279	280	328	334	330	355	387
Yunnan	273	258	322	386	387	403	461	443	451	521	555
Xizang	3	2	5	13	13	8	5	5	12	13	16
Sum of above	12,694	13,349	15,132	16,598	17,398	17,758	19,306	19,970	21,415	23,571	25,903
SSB total	12,694	13,349	15,134	16,598	17,398	17,758	19,306	19,970	21,416	23,571	25,903

[1] Data are on an effective (nutrient) weight basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (3, pp. 65-66), (4, p. 81), (6, pp. 164-165), (8, p. 269), (9, p. 344), (10, p. 380), (11, pp. 437-438), (34, p. 347), and (35, p. 330).

Chapter 7

China's Costs of Production Statistics

This chapter covers provincial-level statistics on China's costs of production for major crops, including corn, cotton, peanut, rice, rapeseed, soybean, and wheat. The data for each crop cover the following costs: total variable costs, costs of intermediate inputs, standard labor costs, and costs of labor per hectare of land. The data also include gross and net returns both on a yuan per hectare basis and a yuan per 100 kilogram basis.

Table 158--Corn costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	51	36.3	3,885	521	279	126	242	857	297	11.0	19.6	7.6
Liaoning	34	29.3	4,164	1,016	605	215	411	949	97	21.8	20.2	-2.4
Jilin	41	21.1	7,028	885	561	170	325	1,497	550	12.1	20.0	6.9
North:												
Shandong	62	18.3	4,943	855	455	209	400	1,322	438	14.0	23.4	8.9
Hebei	99	18.4	4,410	757	331	222	426	1,199	414	14.4	24.4	9.4
Beijing	43	21.1	5,438	756	532	117	223	1,481	692	10.9	24.6	12.7
Tianjin	17	3.9	4,332	730	365	189	365	1,236	489	12.9	24.6	11.3
Henan	56	10.0	4,877	672	298	195	374	1,364	668	9.0	23.2	13.7
Shanxi	6	1.3	3,075	1,266	377	465	888	874	-436	35.9	23.0	-14.3
Northwest:												
Shaanxi	130	31.5	4,031	700	295	212	405	1,072	331	13.8	23.0	8.2
Gansu	31	4.4	6,567	1,601	587	528	1,014	1,915	290	12.1	22.6	10.1
Nei Monggol	26	21.3	4,545	626	325	156	301	1,021	362	11.5	20.6	8.4
Ningxia	12	1.6	3,455	417	282	71	135	1,075	642	12.1	22.6	10.1
Xinjiang	41	19.0	4,839	636	295	177	341	1,210	545	10.7	22.6	11.3
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	5	0.1	4,542	1,468	722	389	745	1,694	175	18.2	23.2	3.8
Jiangsu	8	2.4	5,477	936	442	258	494	1,544	584	12.6	23.4	10.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	32	0.3	4,535	697	296	209	401	1,254	523	11.2	23.4	11.5
Central:												
Hubei	70	12.0	3,726	1,035	353	356	681	946	-120	25.6	23.2	-3.2
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	9	4.0	2,069	709	178	276	531	597	-123	28.6	23.2	-6.0
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	60	6.2	3,833	1,076	310	399	766	1,037	-92	24.2	23.2	-2.4
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	21	13.6	2,985	807	245	293	562	733	-86	25.9	23.4	-2.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	934	290.6	4,368	866	385	251	481	1,169	271	16.0	22.9	6.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 336).

Table 159--Corn costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	41	22.3	3,078	552	287	138	265	855	249	15.5	25.4	8.1
Liaoning	32	23.5	5,555	1,077	639	228	438	1,336	237	17.6	22.2	4.2
Jilin	24	18.8	6,578	1,126	765	158	360	1,765	561	15.8	25.5	8.5
North:												
Shandong	61	18.4	4,382	704	379	170	325	1,547	807	12.8	31.2	17.6
Hebei	94	18.5	4,838	628	279	182	349	1,717	1,064	10.6	32.2	21.1
Beijing	3	20.2	4,982	624	454	89	170	1,839	1,180	8.8	33.2	23.7
Tianjin	17	3.8	4,586	631	299	173	332	1,633	983	11.5	33.4	21.4
Henan	55	11.4	4,385	627	280	182	347	1,566	907	11.1	31.4	19.5
Shanxi	12	1.6	2,618	752	288	242	464	852	57	28.7	32.6	2.2
Northwest:												
Shaanxi	306	72.5	3,843	728	353	195	376	1,334	560	16.3	31.1	13.6
Gansu	32	4.3	5,195	1,674	618	550	1,056	2,164	454	19.4	26.2	6.4
Nei Monggol	32	24.0	4,872	641	344	155	297	1,270	587	10.1	23.0	12.0
Ningxia	12	2.2	2,393	402	243	83	158	872	450	16.8	30.5	12.9
Xinjiang	284	68.6	5,232	770	408	189	362	1,645	838	13.8	30.5	16.0
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	2	0.1	2,480	918	382	279	536	839	-155	18.0	30.8	-6.3
Jiangsu	29	3.3	5,222	917	418	260	498	1,992	1,032	11.0	31.6	17.8
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	32	3.9	5,450	689	413	144	276	1,936	1,200	8.7	31.6	22.0
Central:												
Hubei	70	11.7	3,429	972	362	318	611	1,160	159	25.6	27.1	4.6
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	9	3.3	2,190	710	174	279	536	809	85	26.7	31.2	3.9
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	57	7.1	3,845	969	346	307	623	1,376	338	22.9	32.2	7.4
Guizhou	72	10.4	2,639	905	357	285	547	863	-99	31.7	30.0	-3.9
Yunnan	32	10.6	3,359	867	319	285	547	1,005	107	24.4	29.6	4.5
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,308	359.1	4,235	813	382	222	431	1,381	527	15.8	29.5	12.7

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (9, p. 387).

Table 160--Corn costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	41	22.2	4,043	623	338	149	285	1,144	466	12.5	25.4	11.5
Liaoning	28	21.6	6,975	1,065	693	194	372	2,373	1,261	12.6	31.3	18.0
Jilin	21	21.6	7,883	1,232	824	194	407	2,320	1,026	14.9	28.7	13.0
North:												
Shandong	62	18.4	4,614	741	397	179	343	1,598	821	12.8	31.2	17.6
Hebei	56	11.9	4,265	725	330	206	396	1,560	806	14.1	32.2	17.4
Beijing	3	20.0	5,000	715	557	83	158	1,831	1,071	10.9	33.2	21.4
Tianjin	16	3.9	5,078	609	291	165	318	1,529	899	9.8	27.9	17.7
Henan	57	13.7	4,796	729	341	203	388	1,595	838	13.0	28.5	14.9
Shanxi	11	1.5	4,940	933	467	243	467	1,871	898	12.1	31.0	18.2
Northwest:												
Shaanxi	219	45.6	3,741	734	373	188	361	1,326	553	16.5	31.1	13.5
Gansu	29	3.5	7,961	1,426	710	372	716	2,860	1,384	13.5	31.5	17.4
Nei Monggol	31	23.7	5,372	830	516	164	314	1,794	919	12.2	30.1	17.0
Ningxia	5	0.9	2,520	638	336	158	302	963	305	18.9	30.5	10.9
Xinjiang	214	59.4	5,136	739	395	180	344	1,659	891	12.6	30.5	17.3
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	5	0.4	1,589	595	269	170	326	573	-103	32.7	31.3	-6.5
Jiangsu	25	3.4	5,138	867	399	243	468	1,870	957	12.1	31.6	18.6
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	20	2.3	5,397	679	388	152	291	1,985	1,263	8.3	32.5	32.4
Central:												
Hubei	9	0.6	5,730	1,233	744	255	490	2,526	1,207	19.5	40.4	19.3
Hunan	71	10.4	3,279	907	380	275	527	1,113	184	25.0	31.3	5.7
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	9	3.1	2,258	746	228	270	518	842	86	29.3	31.7	1.9
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	56	7.0	3,455	1,055	372	356	683	1,266	160	26.6	33.4	5.4
Guizhou	62	10.9	3,800	971	410	293	562	1,285	258	23.0	31.4	7.0
Yunnan	34	11.1	2,895	963	385	302	579	1,023	44	31.8	33.9	1.5
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,084	317.1	4,616	859	441	218	418	1,605	704	15.5	31.3	14.9

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (10, p. 428).

Table 161--Corn costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	43	24.7	5,118	903	439	122	464	1,715	750	15.9	31.8	14.7
Liaoning	32	26.0	6,654	1,404	728	209	676	2,374	918	18.4	32.9	13.8
Jilin	24	19.6	7,023	1,431	782	153	649	2,277	785	18.8	30.9	11.2
North:												
Shandong	225	52.8	5,432	944	499	165	446	2,050	1,065	13.7	33.8	19.3
Hebei	47	9.9	4,821	870	414	210	456	1,806	907	15.5	35.0	18.8
Beijing	83	19.3	5,483	897	680	83	217	1,873	931	13.9	31.7	17.0
Tianjin	17	3.9	4,791	816	420	159	396	1,851	1,007	14.4	35.9	20.9
Henan	68	14.3	4,731	855	441	200	414	1,983	1,100	16.2	38.4	21.6
Shanxi	16	3.8	3,966	872	404	191	469	1,382	479	19.5	32.3	12.1
Northwest:												
Shaanxi	220	46.0	4,437	842	445	192	397	1,245	364	16.3	24.8	7.6
Gansu	32	4.4	7,020	1,629	881	363	748	2,861	1,187	20.5	38.1	16.9
Nei Monggol	206	110.8	5,922	1,175	656	149	519	2,421	1,199	17.2	36.8	18.9
Ningxia	8	1.7	2,865	464	279	80	185	1,318	785	12.2	42.0	27.4
Xinjiang	147	61.9	5,898	1,372	564	213	808	1,786	381	21.9	28.9	6.5
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	1	0.1	3,988	1,085	409	251	676	2,324	1,157	25.0	56.0	29.0
Jiangsu	13	2.2	5,354	1,138	546	245	592	2,050	855	16.5	33.5	15.8
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	20	3.0	5,429	867	482	162	386	2,065	1,161	13.8	32.9	18.4
Central:												
Hubei	72	10.0	3,696	1,111	471	285	640	1,166	36	27.6	28.9	0.8
Hunan	22	1.2	6,168	2,328	1,201	269	1,127	3,156	750	35.2	47.3	10.8
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	8	2.5	2,268	700	228	209	473	735	26	26.9	31.8	4.4
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	55	6.9	3,062	1,298	450	327	848	1,379	29	37.7	40.3	0.9
Guizhou	65	10.5	3,480	969	399	264	570	929	-99	23.3	23.1	-2.5
Yunnan	32	9.2	2,955	1,369	430	360	939	1,375	-27	45.5	45.7	0.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,456	444.9	4,807	1,102	533	212	569	1,831	685	20.3	35.1	13.9

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (11, p. 483).

Table 162--Corn costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	43	23.5	3,689	932	343	131	589	1,232	231	22.5	30.6	6.3
Liaoning	32	27.2	5,937	1,768	923	195	845	2,303	480	26.8	35.8	8.1
Jilin	23	20.4	6,720	1,564	863	135	701	2,441	815	21.5	34.6	12.1
North:												
Shandong	42	11.1	5,084	1,170	635	155	535	2,032	820	19.0	36.0	16.1
Hebei	59	11.7	4,911	1,217	580	191	637	2,355	1,107	22.6	44.8	21.6
Beijing	70	62.9	3,930	965	634	61	330	1,768	749	22.2	42.7	19.1
Tianjin	17	3.9	3,330	1,045	480	158	566	1,824	755	25.6	49.0	24.5
Henan	52	11.3	5,016	1,115	551	236	563	2,428	1,274	20.1	45.2	24.3
Shanxi	8	0.8	6,516	1,183	636	185	547	2,627	1,416	16.3	38.4	21.7
Northwest:												
Shaanxi	224	40.5	4,481	984	493	189	491	1,658	633	20.0	34.5	13.6
Gansu	38	4.7	8,022	2,162	1,214	311	948	3,501	1,279	22.7	38.1	14.6
Nei Monggol	33	84.0	6,114	1,630	911	203	719	2,676	1,000	23.2	36.3	12.4
Ningxia	18	2.5	3,732	1,216	578	201	638	1,340	89	27.6	32.4	3.8
Xinjiang	178	58.7	7,197	1,710	650	228	1,059	2,316	568	22.7	31.1	7.9
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	23	2.5	4,496	1,164	472	237	692	1,676	464	21.3	32.7	10.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	20	3.2	4,733	866	500	152	366	1,981	1,082	16.2	37.1	20.2
Central:												
Hubei	12	9.7	2,753	1,157	527	236	630	1,063	-115	39.3	35.8	-4.2
Hunan	1	0.0	7,395	3,139	1,519	338	1,620	5,451	2,232	38.9	70.0	30.0
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	54	6.5	3,342	1,348	527	291	621	1,496	83	35.2	39.7	2.5
Guizhou	48	8.6	3,188	1,213	641	246	573	1,190	-75	34.4	33.6	-2.4
Yunnan	30	8.6	3,629	1,725	675	309	1,051	2,017	248	47.3	55.4	6.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,085	402.5	4,962	1,394	684	209	710	2,161	721	25.2	40.7	14.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 442).

Table 163--Corn costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	44	28.0	4,509	1,263	483	147	779	1,870	534	25.9	39.4	11.9
Liaoning	32	26.1	5,594	1,933	975	210	958	2,722	748	30.5	44.7	13.4
Jilin	18	10.3	6,960	2,039	1,031	165	1,008	3,090	972	27.1	42.2	14.0
North:												
Shandong	63	15.9	5,262	1,508	809	183	699	2,715	1,139	24.7	47.7	21.7
Hebei	47	8.8	5,262	1,570	623	233	947	2,884	1,277	27.3	52.3	24.3
Beijing	77	61.1	5,286	1,657	1,251	60	406	2,953	1,212	29.5	54.0	22.9
Tianjin	17	4.2	4,935	1,215	689	137	526	2,989	1,750	19.0	55.0	35.5
Henan	49	11.1	5,421	1,221	579	222	642	2,517	1,253	20.6	44.0	22.6
Shanxi	23	4.5	5,732	1,448	752	209	696	2,772	1,271	22.4	44.7	21.3
Northwest:												
Shaanxi	207	41.6	4,647	1,246	647	210	599	1,937	642	24.5	39.0	13.5
Gansu	33	5.0	8,007	2,334	1,392	341	941	3,697	1,293	25.0	40.5	14.6
Nei Monggol	55	32.7	7,029	1,829	1,067	176	762	3,547	1,671	20.8	43.4	21.9
Ningxia	14	2.0	5,930	1,815	1,027	216	788	3,419	1,554	28.1	54.1	25.1
Xinjiang	164	55.4	6,714	1,816	687	234	1,129	2,366	512	25.7	33.9	7.6
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	40	1.7	4,532	1,839	861	253	978	2,332	424	34.8	46.4	10.1
Jiangsu	16	2.1	6,296	1,530	714	260	816	3,551	1,973	19.5	51.6	31.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	10	1.8	5,625	1,153	608	177	545	3,070	1,833	16.8	44.9	26.5
Central:												
Hubei	50	6.6	3,273	1,505	720	246	785	1,208	-324	42.9	33.8	-9.9
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	8	2.5	2,535	778	356	158	422	1,272	483	27.2	50.2	22.5
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	53	7.1	3,098	1,540	624	302	917	1,600	-25	44.3	46.3	-0.8
Guizhou	49	9.7	3,309	1,419	705	287	713	1,380	-93	38.6	37.5	-2.7
Yunnan	18	8.7	3,495	1,724	747	294	977	2,031	267	49.2	57.9	7.6
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,087	346.7	5,157	1,563	789	215	774	2,542	926	27.0	54.3	17.3

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (13, p. 461).

Table 164--Cotton costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	27	5.5	1,073	2,014	708	680	1,306	3,714	1,681	131.3	291.6	158.6
Hebei	55	11.8	1,154	1,955	868	567	1,088	4,256	2,263	106.7	306.2	196.2
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	41	9.5	821	2,030	679	704	1,351	2,954	898	193.6	306.2	109.4
Shanxi	11	3.4	747	1,604	818	410	786	2,636	966	167.8	306.0	129.6
Northwest:												
Shaanxi	76	3.9	206	1,083	330	393	754	756	387	465 4	306.2	-192.3
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	249	85.6	834	1,309	645	347	665	2,709	1,376	137.9	306.2	165.1
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	25	2.8	1,244	1,974	494	771	1,479	4,115	2,091	119.3	291.6	168.1
Jiangsu	27	4.8	983	2,144	564	824	1,581	3,124	943	191.3	291.6	96.6
Shanghai	54	7.0	1,074	1,939	584	705	1,355	3,590	1,583	155.2	291.6	129.9
Anhui	59	5.2	830	1,494	572	480	923	2,819	1,287	140.7	297.4	151.9
Central:												
Hubei	154	30.8	1,253	2,167	661	785	1,506	4,017	1,736	145.4	294.5	140.0
Hunan	22	1.1	665	1,850	643	629	1,207	2,236	357	233.3	291 4	53.8
Jiangxi	9	1.7	1,008	2,067	687	719	1,381	3,578	1,459	141.8	291.6	144.7
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	13	1.4	677	1,635	521	581	1,114	2,270	595	204.8	298.6	88.0
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	822	174.4	897	1,805	627	614	1,313	3,055	1,203	157.4	296.8	134.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 338).

Table 165--Cotton costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*– Yuan/ha –*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	27	4.0	747	1,754	694	552	1,060	3,031	1,245	192.6	352.9	156.0
Hebei	37	9.2	692	1,578	733	440	845	2,447	811	186.7	300.9	105.8
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	22	5.2	167	1,741	637	570	1,104	3,562	1,792	174.4	338.5	167.9
Shanxi	9	2.0	852	1,979	894	566	1,086	3,219	1,117	177.6	323.2	131.2
Northwest:												
Shaanxi	79	5.2	543	1,190	446	387	744	2,195	936	190.1	352.8	150.0
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	142	15.2	837	1,390	729	344	661	2,713	1,284	148.2	306.2	153.4
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	23	2.6	941	2,088	515	813	1,573	3,481	1,337	186.7	334.9	142.2
Jiangsu	18	4.2	893	1,920	551	702	1,369	3,548	1,576	185.9	368.3	177.1
Shanghai	43	3.7	626	1,321	451	453	870	2,472	1,049	165.8	349.8	167.6
Anhui	37	5.4	687	1,478	593	459	882	2,270	736	181.2	296.5	160.7
Central:												
Hubei	135	25.1	915	1,827	629	624	1,198	2,866	912	185.7	293.0	93.7
Hunan	16	0.5	702	1,160	414	389	746	2,318	1,144	129.2	291.6	160.5
Jiangxi	9	1.6	899	1,878	621	656	1,257	3,426	1,503	173.3	326.6	148.3
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	13	0.9	623	1,375	426	495	950	2,327	892	215.2	367.2	142.4
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	610	84.9	777	1,620	595	533	1,025	2,848	1,167	177.0	328.2	143.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 390).

Table 166--Cotton costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*		*---- Yuan/ha ----*			*-- Yuan/100 kg --*	
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	13	1.6	1,161	1,982	816	608	1,166	4,522	2,507	128.1	344.1	213.0
Hebei	28	6.1	929	1,714	744	506	971	3,817	2,028	155.8	352.9	189.2
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	21	6.6	905	1,690	662	536	1,028	3,513	1,795	162.8	335.1	169.2
Shanxi	8	1.7	1,052	1,806	980	431	827	4,122	2,188	110.2	321.5	199.7
Northwest:												
Shaanxi	45	4.5	674	1,348	537	423	811	2,767	1,348	173.2	352.8	169.1
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	52	8.4	891	1,614	832	408	782	2,879	1,237	164.3	306.2	138.8
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Znejiang	24	2.3	857	1,814	506	678	1,308	3,205	1,319	167.9	315.6	139.3
Jiangsu	12	3.5	1,040	2,074	565	773	1,509	4,083	1,942	157.1	326.6	163.0
Shanghai	20	1.2	638	1,391	467	482	924	2,200	701	170.5	291.6	104.0
Anhui	25	2.4	905	1,497	541	498	956	3,281	1,714	119.7	316.8	235.3
Central:												
Hubei	105	21.2	998	2,001	713	671	1,287	3,245	1,102	178.3	291.6	99.1
Hunan	3	0.1	900	1,701	736	503	965	3,155	1,419	130.1	291.6	157.5
Jiangxi	9	1.5	963	2,148	766	720	1,382	3,750	1,559	171.8	326.6	150.4
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	12	0.5	557	1,828	590	645	1,238	2,151	260	240.8	298.6	46.6
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	377	63.4	894	1,757	675	563	1,082	3,335	1,509	155.4	320.6	157.5

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (10, p. 431).

Table 167--Cotton costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	39	3.7	1,152	2,269	831	636	1,438	4,958	2,653	175.9	385.2	206.1
Hebei	19	4.6	1,068	1,887	900	482	987	4,739	2,776	138.3	391.5	246.1
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	27	7.3	1,052	1,998	850	480	1,148	4,979	2,949	162.5	402.7	237.2
Shanxi	10	1.9	1,206	2,596	1,254	524	1,342	5,422	2,705	189.4	395.6	196.1
Northwest:												
Shaanxi	57	6.5	939	1,759	689	534	1,071	4,027	2,192	155.6	367.4	203.9
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	62	15.9	931	2,522	931	410	1,591	3,521	966	254.7	361.9	103.7
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	53	3.7	899	2,712	664	567	2,048	3,838	992	267.3	390.7	108.3
Jiangsu	11	2.5	1,098	3,937	731	924	3,206	4,945	923	329.4	415.4	78.2
Shanghai	7	0.3	930	2,850	609	510	2,241	3,036	41	251.5	270.3	3.2
Anhui	20	4.4	1,241	2,327	1,011	552	1,316	5,441	3,028	165.5	383.8	211.4
Central:												
Hubei	113	17.4	926	2,731	783	647	1,949	3,866	973	258.4	365.7	89.8
Hunan	6	0.2	630	1,798	560	425	1,238	2,922	1,080	227.6	369.9	135.4
Jiangxi	9	1.5	1,146	2,951	975	680	1,977	5,080	2,087	214.2	375.6	157.8
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	433	70.0	1,017	2,487	830	567	1,658	4,367	1,797	211.9	376.8	156.7

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (11, p. 486).

Table 168--Cotton costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	8	2.1	494	2,912	1,129	713	1,782	2,739	-203	436.6	410.7	-32.0
Hebei	18	4.4	861	2,360	1,081	449	1,299	4,400	1,958	222.8	429.6	199.6
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	24	6.3	1,058	2,581	972	590	1,609	5,556	2,940	198.2	445.8	244.3
Shanxi	10	1.9	1,215	3,236	1,679	468	1,557	6,507	3,143	208.0	464.4	245.9
Northwest:												
Shaanxi	46	6.6	735	2,105	806	533	1,300	3,538	1,348	238.8	400.2	149.8
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	62	12.0	893	3,001	1,084	417	1,918	3,581	531	319.5	384.5	59.5
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	45	6.9	699	3,426	869	615	2,557	3,392	-191	418.5	418.0	-22.8
Jiangsu	17	3.3	1,391	4,174	1,007	750	3,167	6,060	1,815	270.1	401.5	126.3
Shanghai	7	0.3	926	3,098	707	422	2,391	4,145	936	296.2	408.0	99.9
Anhui	20	4.2	834	3,223	1,511	623	1,712	3,962	660	331.6	407.7	66.5
Central:												
Hubei	113	17.0	708	2,516	994	557	1,522	2,992	304	315.7	375.3	35.4
Hunan	7	0.4	911	3,228	1,266	569	1,962	5,775	2,471	291.8	432.1	131.9
Jiangxi	43	9.3	791	3,333	1,374	603	1,959	3,689	306	359.3	394.2	28.6
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	62	4.2	630	2,790	918	644	1,872	2,926	77	385.2	406.8	12.1
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	482	79.1	867	3,000	1,097	569	1,901	4,233	1,149	293.2	421.9	119.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 445).

Table 169--Cotton costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	8	1.4	888	3,133	1,370	705	1,763	5,370	2,193	275.2	472.5	193.6
Hebei	18	3.2	978	2,888	1,179	416	1,708	5,753	2,883	248.5	504.5	250.1
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	28	5.3	770	2,837	972	587	1,865	4,712	1,838	299.9	498.3	104.2
Shanxi	10	1.7	1,046	3,649	1,688	536	1,961	7,301	3,488	285.8	598.6	297.1
Northwest:												
Shaanxi	47	7.0	815	2,619	1,407	426	1,212	5,625	2,918	259.0	536.0	117.6
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	69	11.6	810	3,287	1,346	402	1,941	4,302	952	387.3	512.5	184.7
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	69	8.9	791	3,226	1,010	471	2,217	5,357	1,938	369.8	639.4	140.5
Jiangsu	14	2.8	1,127	3,349	865	719	2,484	6,210	2,767	255.3	509.3	245.2
Shanghai	10	0.3	903	6,284	1,309	752	4,975	4,919	-1534	616.8	462.7	-172.9
Anhui	10	0.4	686	2,947	1,048	579	1,899	4,036	963	380.1	538.8	82.9
Central:												
Hubei	79	11.6	758	3,957	1,322	786	2,635	4,927	755	426.9	559.6	340.3
Hunan	4	0.2	1,080	4,763	1,598	674	3,165	9,268	4,402	369.8	719.6	238.4
Jiangxi	10	1.3	758	3,666	1,251	707	2,415	4,412	628	420.7	519.2	192.3
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	12	0.8	480	1,856	602	441	1,254	2,942	1,017	339.4	592.1	266.2
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	388	56.6	849	3,462	1,212	585	2,250	5,372	1,800	348.6	546.3	184.7

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (13, p. 463)

Table 170--Peanut costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	9	2.5	2,180	2,406	1,481	482	925	2,155	-293	107.5	96.0	-13.5
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	28	7.0	2,633	1,071	210	239	456	1,693	588	38.8	62.4	22.3
Hebei	13	1.6	2,163	1,322	711	318	611	2,167	812	56.9	96.0	37.5
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	na	na	na	na	na	na	na	na	na	na	na	na
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	10	0.8	2,666	1,089	708	198	381	2,036	930	33.7	69.2	34.9
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	40	3.5	2,277	1,616	599	530	1,017	1,723	66	67.3	72.0	2.9
Guangxi	21	5.7	1,503	1,137	329	420	808	1,131	-29	69.2	68.8	-2.0
Fujian	14	0.7	3,161	1,335	440	467	896	2,394	1,009	40.8	74.3	31.9
Southwest:												
Sichuan	28	1.6	1,860	1,305	461	440	844	1,255	-119	64.9	62.4	-6.3
Guizhou	15	0.8	1,200	1,124	436	359	688	938	-213	90.0	74.5	-17.7
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	178	24.1	2,183	1,378	642	384	736	1,721	305	59.3	75.0	14.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 341).

Table 171--Peanut costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*– Yuan/ha –*		*Days/ha*		*---- Yuan/ha ----*			*-- Yuan/100 kg --*	
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	9	3.6	2,058	1,957	1,309	330	648	2,213	223	95.8	104.1	10.8
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	27	6.4	2,765	983	582	209	400	2,360	1,341	31.8	81.1	48.1
Hebei	13	1.7	1,467	1,497	802	363	696	1,967	437	95.8	127.2	29.1
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	57	13.8	1,977	1,074	524	287	550	1,623	512	50.3	78.0	25.9
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	9	1.0	2,586	1,014	670	179	344	2,514	1,480	32.0	90.0	57.2
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	5	0.1	3,143	902	499	210	403	3,051	2,149	28.6	95.6	68.0
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	40	3.7	2,313	1,672	615	551	1,057	2,637	895	66.2	107.8	39.5
Guangxi	21	4.2	1,143	1,201	453	390	747	867	-360	98.0	68.8	-31.6
Fujian	15	0.5	2,849	1,246	431	425	815	2,665	1,352	42.2	92.0	47.5
Southwest:												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	196	34.9	2,256	1,283	654	327	629	2,211	892	na	93.9	39.3

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 392).

Table 172--Peanut costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	8	20.6	2,030	1,955	1,333	324	622	2,279	263	91.7	107.7	13.0
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	28	6.4	2,697	1,146	661	264	486	2,296	1,101	38.5	81.1	40.8
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	13	1.4	1,994	1,099	631	245	468	1,886	741	49.3	88.8	37.2
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	52	11.7	2,270	1,128	674	233	455	2,095	917	46.3	88.0	39.5
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	9	0.9	2,151	831	497	174	334	2,090	1,239	31.5	90.0	57.6
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	30	0.4	1,710	1,000	413	306	588	1,919	906	53.6	96.0	41.6
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	37	3.2	2,450	1,684	750	486	934	2,789	1,023	62.7	107.8	41.8
Guangxi	21	4.1	1,659	1,288	565	377	723	1,256	-57	70.5	68.6	-18.7
Fujian	13	0.5	2,997	1,567	590	509	976	3,079	1,451	47.5	98.0	48.4
Southwest:												
Sichuan	33	1.9	1,725	1,492	668	429	824	1,903	326	81.7	105.5	18.9
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	244	51.1	2,168	1,319	678	335	641	2,159	791	55.7	93.4	35.5

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (10, p. 433).

Table 173--Peanut costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	7	1.3	2,840	2,621	1,446	308	1,175	3,394	701	88.6	115.9	24.7
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	133	26.8	3,917	1,605	831	240	774	4,401	2,745	38.4	109.0	69.3
Hebei	12	0.8	2,837	2,152	1,180	390	972	3,539	1,341	71.0	119.9	47.3
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	57	11.1	2,043	828	520	177	308	2,076	1,208	36.1	97.2	59.1
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	na	na	na	na	na	na	na	na	na	na	na	na
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	30	0.3	2,625	1,035	630	225	405	2,599	1,556	36.3	96.0	59.4
Hunan	1	0.2	3,015	2,529	1,017	473	1,512	5,266	2,658	76.9	160.0	80.6
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	36	2.4	2,346	2,762	938	528	1,824	3,271	420	112.6	134.3	17.9
Guangxi	28	3.6	1,260	1,559	638	414	921	1,488	-92	116.5	110.9	-7.2
Fujian	14	0.4	2,748	2,411	848	420	1,562	3,339	867	85.0	118.8	31.5
Southwest:												
Sichuan	18	0.9	1,701	1,995	684	510	1,311	2,205	132	110.0	123.4	6.4
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	336	47.8	2,534	1,950	873	369	1,076	3,158	1,153	72.5	119.2	44.5

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (11, p. 488).

Table 174--Peanut costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	9	1.0	2,304	2,459	1,330	228	1,129	3,706	1,173	99.9	154.7	51.6
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	5	1.0	4,392	2,236	1,108	233	1,128	6,260	3,984	47.4	139.1	90.8
Hebei	11	1.0	2,481	3,084	1,706	308	1,379	3,608	475	116.9	138.0	19.1
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	2	0.3	3,300	1,786	1,140	207	646	6,653	4,792	52.5	200.0	145.2
Northwest:												
Shaanxi	46	14.0	2,151	1,165	693	194	472	2,823	1,616	50.4	126.9	74.5
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	7	0.7	2,313	1,083	672	177	411	3,864	2,760	39.6	159.9	119.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	30	0.3	1,779	945	319	330	626	2,237	1,273	50.7	120.0	68.2
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	10	1.7	1,481	2,010	858	275	1,152	3,087	1,037	121.1	193.9	70.1
South:[2]												
Guangdong	37	2.5	2,330	3,182	1,084	473	2,098	4,708	1,423	130.8	196.3	61.1
Guangxi	29	3.1	1,284	1,883	764	342	1,118	2,205	303	138.3	163.4	23.6
Fujian	3	0.2	1,890	2,833	1,198	425	1,634	3,582	652	140.3	180.0	34.5
Southwest:												
Sichuan	113	4.6	1,626	2,244	884	476	1,360	2,919	598	126.7	168.2	36.7
Guizhou	5	0.3	891	751	296	195	455	1,465	689	79.9	160.0	77.3
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	307	30.5	2,171	1,974	927	297	1,047	3,625	1,598	84.9	160.8	73.4

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 447).

Table 175--Peanut costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	6	1.2	1,310	2,916	1,683	242	1,234	2,645	-322	210.1	189.3	-24.6
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	28	6.7	3,389	2,199	1,318	212	882	4,325	2,055	60.7	123.9	61.1
Hebei	12	1.0	2,772	4,116	2,100	387	2,016	4,856	681	138.6	165.3	24.6
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	35	7.4	1,500	1,447	1,011	170	436	1,802	282	90.7	114.4	18.8
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	7	0.6	2,903	1,321	803	182	518	5,327	3,985	38.3	176.3	137.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	30	0.4	1,440	1,072	459	197	612	1,811	722	86.7	[illegible]	50.2
Hunan	1	0.3	1,500	2,023	935	192	1,088	4,853	2,684	121.4	310.3	178.9
Jiangxi	15	1.9	1,626	2,338	1,191	255	1,147	3,873	1,487	130.2	224.5	91.5
South:[2]												
Guangdong	31	2.2	2,195	3,709	1,563	444	2,147	5,607	1,780	163.3	249.8	81.1
Guangxi	18	1.5	2,005	3,145	1,570	458	1,576	3,987	788	146.2	188.1	32.3
Fujian	5	0.2	2,565	4,527	1,623	438	2,904	5,027	403	160.5	180.0	15.7
Southwest:												
Sichuan	28	0.9	1,455	2,742	1,159	535	1,583	3,148	334	178.4	206.2	23.0
Guizhou	3	0.1	1,488	1,110	539	230	571	2,251	1,122	71.8	148.5	75.4
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	219	24.2	2,012	2,513	1,227	303	1,286	3,809	1,231	116.0	180.5	61.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (13, p. 465).

Table 176--Rapeseed costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*– Yuan/ha –*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	51	2.6	1,787	1,385	381	524	1,004	1,343	−109	74.3	72.0	−6.1
Gansu	11	0.3	1,101	722	345	197	377	817	109	63.6	72.0	3.8
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	23	12.1	947	586	158	224	429	716	100	58.3	72.0	10.5
East:												
Zhejiang	75	4.6	1,556	1,206	527	354	679	1,200	−57	72.4	72.0	−3.6
Jiangsu	9	1.4	1,532	899	486	215	413	1,225	288	50.2	72.0	19.3
Shanghai	55	4.8	1,994	1,119	407	371	711	1,501	316	53.1	72.0	15.5
Anhui	28	2.2	1,302	836	288	285	548	971	100	61.7	72.0	7.7
Central:												
Hubei	153	8.1	1,455	1,144	314	432	830	1,052	−141	74.4	68.0	−9.7
Hunan	38	3.5	1,019	801	326	248	475	698	−148	76.1	66.0	−14.5
Jiangxi	17	1.1	957	919	346	299	572	781	−196	86.4	72.0	−20.5
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	106	10.4	1,605	1,291	450	438	841	1,212	−157	80.4	70.8	−14.4
Guizhou	75	15.5	935	755	263	257	493	725	−69	75.2	72.0	−7.4
Yunnan	23	2.5	1,143	927	299	327	628	877	−77	76.4	72.0	−6.8
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	664	69.1	1,334	969	353	321	616	1,009	−8	68.2	71.2	−0.6

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 339).

Table 177--Rapeseed costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	90	10.6	1,935	1,001	400	314	601	1,869	810	48.7	93.6	41.7
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	21	6.6	1,854	533	265	140	268	1,686	1,121	28.8	91.0	60.5
Qinghai	15	8.1	1,004	605	245	188	361	976	324	57.5	93.6	31.5
East:												
Zhejiang	66	6.1	1,631	1,044	514	276	530	1,544	497	59.0	89.7	26.9
Jiangsu	17	2.6	1,446	1,008	421	305	587	1,469	379	61.7	93.6	26.2
Shanghai	46	4.3	1,704	829	355	248	474	1,657	726	45.0	93.6	42.6
Anhui	25	4.9	888	609	283	170	326	855	209	65.8	93.6	23.6
Central:												
Hubei	135	8.2	1,403	1,027	312	372	714	1,287	195	69.4	88.4	14.3
Hunan	30	22.9	1,106	929	366	293	563	768	-191	80.9	66.0	-17.6
Jiangxi	15	1.4	993	757	273	252	484	1,010	186	68.5	93.6	18.5
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	88	8.1	1,590	1,268	545	377	743	1,497	96	81.0	90.3	1.7
Guizhou	63	13.7	884	719	244	248	475	868	98	76.7	93.6	11.1
Yunnan	17	2.2	1,490	981	396	309	585	1,129	99	64.3	75.7	7.7
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	628	99.6	1,379	872	355	269	516	1,278	345	59.5	88.9	25.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 391).

Table 178--Rapeseed costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	4	0.5	2,088	1,004	612	204	392	2,020	988	45.3	91.0	44.5
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	92	12.5	1,479	939	449	255	490	1,436	442	60.2	93.6	29.7
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	31	14.5	2,610	510	288	116	221	2,374	1,835	19.5	91.0	70.3
Qinghai	17	6.0	1,011	572	202	344	354	962	355	53.0	93.6	37.1
East:												
Zhejiang	59	4.8	1,299	979	515	242	464	1,194	151	71.0	87.6	16.5
Jiangsu	19	1.8	1,596	1,006	527	249	495	1,754	685	55.6	102.0	43.0
Shanghai	35	3.7	1,805	923	484	230	440	1,360	337	47.8	72.0	18.7
Anhui	21	3.9	915	750	321	224	429	885	89	78.7	93.6	9.7
Central:												
Hubei	100	6.9	1,484	1,074	388	357	686	1,364	212	68.8	88.4	9.3
Hunan	18	2.7	1,265	1,006	361	336	645	944	-80	77.2	72.3	-6.3
Jiangxi	13	1.5	732	645	323	168	323	752	56	79.1	93.6	7.7
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	84	7.1	1,589	850	388	432	833	1,410	25	70.1	72.0	-1.3
Guizhou	67	16.3	897	673	241	225	432	890	166	68.8	98.8	19.1
Yunnan	13	2.2	1,206	1,221	350	261	500	873	102	71.8	83.3	6.1
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	573	84.3	1,427	868	389	260	479	1,301	380	75.3	89.7	26.4

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (10, p. 432).

Table 179--Rapeseed costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	111	14.1	1,601	1,155	501	290	654	1,381	180	69.1	83.2	11.2
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	29	12.6	1,557	916	416	131	500	1,290	345	58.8	82.8	22.2
Qinghai	17	6.7	1,127	544	276	140	268	1,095	540	45.1	93.7	47.5
East:												
Zhejiang	106	10.3	1,224	1,437	481	269	956	1,206	-297	112.9	94.0	-24.2
Jiangsu	21	1.6	1,367	1,338	382	245	956	1,553	137	97.9	105.4	1.8
Shanghai	32	2.7	1,853	1,525	501	227	1,024	2,013	378	79.4	105.7	20.4
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	15	2.0	1,131	1,123	362	258	761	1,165	38	94.6	97.8	2.9
Hunan	17	1.9	827	889	390	177	498	899	10	99.3	100.6	1.3
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	74	4.9	1,701	1,457	531	354	927	1,725	157	80.0	95.7	10.2
Guizhou	71	16.8	989	726	256	218	470	847	62	68.4	80.6	4.4
Yunnan	18	2.2	929	1,178	309	350	869	887	-305	126.9	95.6	-32.8
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	615	81.6	1,316	1,142	400	251	742	1,286	92	82.8	93.7	7.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (11, p. 487).

Table 180--Rapeseed costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	91	10.1	1,133	1,192	572	253	620	1,210	-29	100.8	102.4	-2.6
Gansu	1	0.1	1,245	794	348	179	446	1,380	525	53.8	100.8	-42.2
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	19	6.0	2,487	1,213	541	146	672	2,030	780	48.8	81.6	31.4
Qinghai	17	6.5	1,067	700	328	104	372	1,112	377	63.2	100.6	35.4
East:												
Zhejiang	101	9.6	1,331	1,635	573	269	1,061	1,379	-320	118.4	98.9	24.3
Jiangsu	22	2.7	1,448	1,549	453	272	1,096	1,774	162	99.0	114.7	11.2
Shanghai	43	3.6	2,118	2,013	619	228	1,394	2,494	368	89.0	111.7	17.2
Anhui	25	3.7	665	956	435	168	521	734	-281	140.5	107.2	-36.6
Central:												
Hubei	102	6.3	1,433	1,461	512	302	949	1,382	-141	98.1	92.6	-9.8
Hunan	15	2.1	1,034	1,448	444	306	1,004	1,250	-201	139.7	120.2	-19.8
Jiangxi	92	10.3	945	933	361	164	573	1,320	337	89.6	130.5	35.7
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	90	7.5	1,601	1,784	598	411	1,186	1,898	9	105.1	112.3	0.5
Guizhou	36	7.9	1,061	957	474	207	482	1,144	138	82.3	100.4	13.3
Yunnan	18	1.4	1,308	1,580	525	321	1,056	1,355	-247	120.8	103.6	-18.8
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	672	77.7	1,349	1,301	484	237	817	1,461	105	91.9	103.7	7.7

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 446).

Table 181--Rapeseed costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	116	11.4	1,965	1,471	704	264	767	2,501	972	72.0	124.4	49.5
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	31	5.3	1,425	1,136	504	137	632	1,469	270	79.7	103.1	19.0
Qinghai	20	6.1	773	707	387	113	321	858	107	88.4	107.6	13.5
East:												
Zhejiang	376	35.7	1,176	1,709	663	231	1,046	1,705	-76	137.5	136.8	-6.8
Jiangsu	22	3.1	1,590	2,459	801	330	1,659	2,376	-199	146.0	140.7	-12.6
Shanghai	41	3.8	1,371	2,040	740	218	1,300	1,949	-244	144.7	138.1	-17.8
Anhui	12	2.0	869	1,152	611	155	541	1,328	115	128.7	148.9	13.3
Central:												
Hubei	66	4.4	1,409	1,740	736	270	1,004	1,971	140	117.7	133.4	9.3
Hunan	26	4.1	999	1,617	529	240	1,089	1,852	208	154.7	178.3	20.8
Jiangxi	15	1.9	1,317	1,722	588	287	1,133	2,260	490	123.4	164.2	37.2
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	97	5.8	1,526	1,971	645	419	1,326	1,882	-195	122.5	116.7	-12.8
Guizhou	32	6.9	916	1,195	681	207	513	1,282	53	122.9	129.9	3.2
Yunnan	6	0.9	1,785	1,916	797	336	1,119	3,638	1,692	107.4	203.8	94.8
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	860	91.4	1,317	1,603	645	246	958	1,928	256	116.9	141.4	19.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (13, p. 464).

Table 182--Rice costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	22	10.6	7,170	1,642	995	338	648	2,537	803	19.8	32.0	10.9
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	17	1.0	6,744	2,224	938	669	1,286	2,496	241	29.0	35.0	3.6
Beijing	3	1.1	2,868	1,335	1,058	144	277	1,050	-337	44.3	34.4	-11.7
Tianjin	13	2.6	6,890	1,244	632	320	612	2,682	1,386	13.9	34.8	13.2
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	25	5.8	7,415	1,126	512	320	614	1,891	676	12.8	23.1	9.1
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	48	17.6	8,441	1,550	911	332	638	2,768	1,162	15.6	30.0	13.7
Xinjiang	12	5.3	2,843	774	388	201	386	961	157	23.3	29.8	5.5
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	80	45.9	6,123	1,088	574	269	515	1,756	617	14.2	25.1	10.1
Jiangsu	32	12.5	6,683	1,186	580	315	605	1,963	730	13.4	24.7	10.6
Shanghai	112	28.9	5,526	882	506	197	377	1,571	623	13.8	25.8	10.9
Anhui	28	10.8	6,471	740	352	203	388	1,777	1,002	7.2	23.2	15.5
Central:												
Hubei	245	75.8	6,449	1,314	576	384	739	1,685	308	17.4	23.1	4.8
Hunan	61	42.4	5,736	1,014	493	272	521	1,404	334	16.3	23.1	5.8
Jiangxi	24	14.5	5,606	885	434	236	452	1,485	544	12.4	23.1	9.7
South:[2]												
Guangdong	50	33.0	5,298	1,182	593	308	589	1,374	126	19.5	23.1	2.4
Guangxi	24	17.2	5,483	1,399	476	480	923	1,500	71	21.3	23.1	1.3
Fujian	43	25.5	6,015	1,027	552	248	475	1,447	365	16.1	23.1	6.1
Southwest:												
Sichuan	111	38.1	6,495	1,055	485	297	570	1,691	560	13.6	23.4	8.6
Guizhou	89	29.5	6,872	1,250	463	410	786	1,799	506	15.1	23.0	7.4
Yunnan	49	21.3	6,270	1,199	381	426	818	1,621	373	17.1	23.8	5.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,088	439.8	6,069	1,206	595	318	611	1,773	512	16.8	26.2	8.4

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 334).

Table 183--Rice costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	21	9.4	6,510	1,488	1,005	251	484	3,307	1,704	17.7	47.6	26.2
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	10	1.0	5,694	1,735	753	512	982	2,837	1,074	26.5	44.5	17.5
Beijing	3	3.9	4,691	1,217	657	218	560	2,460	1,121	21.0	46.4	22.9
Tianjin	14	2.9	6,086	1,256	736	272	520	2,993	1,661	17.5	46.3	27.3
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	49	9.4	6,686	1,306	640	347	666	2,364	1,004	16.9	32.8	15.0
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	48	16.5	7,182	1,596	953	333	643	3,205	1,540	18.1	40.5	21.5
Xinjiang	82	34.6	5,754	1,494	888	312	606	2,436	883	24.0	40.4	15.3
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	79	42.7	5,633	1,001	524	248	477	2,103	1,037	14.9	34.5	18.4
Jiangsu	30	8.5	5,313	988	494	246	474	2,112	1,044	14.3	36.1	19.8
Shanghai	50	18.2	5,646	979	625	183	354	2,282	1,201	14.0	37.1	21.3
Anhui	25	16.0	5,637	834	387	231	446	2,087	1,208	10.5	32.8	21.4
Central:												
Hubei	221	67.1	6,315	1,179	589	308	590	2,190	950	16.0	31.2	14.3
Hunan	71	52.9	5,607	977	458	269	519	1,832	800	16.5	31.2	13.7
Jiangxi	24	15.3	5,259	858	457	206	401	1,851	929	13.0	31.7	17.5
South:[2]												
Guangdong	50	26.3	5,153	1,297	670	321	627	1,799	416	22.4	32.3	8.2
Guangxi	23	15.8	4,796	1,221	454	399	767	1,699	438	21.2	31.2	9.1
Fujian	43	22.4	5,400	1,104	624	245	480	1,740	575	19.2	31.0	10.7
Southwest:												
Sichuan	107	20.4	6,675	1,056	477	273	579	2,407	1,244	13.3	33.6	18.6
Guizhou	77	24.8	6,488	1,180	437	378	743	2,285	1,042	15.2	32.2	16.1
Yunnan	47	19.4	6,120	1,149	455	362	694	2,066	863	16.0	30.9	14.2
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,074	430.9	5,843	1,195	614	296	581	2,303	1,037	17.5	36.3	17.6

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 385).

Table 184--Rice costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	4	0.6	3,503	1,674	882	413	792	1,512	-209	44.2	39.6	-6.0
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	21	9.8	6,710	1,335	883	230	449	3,370	1,924	15.9	46.9	29.2
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	10	0.6	6,879	2,020	726	675	1,295	3,532	1,470	25.1	47.1	21.4
Beijing	1	1.1	6,525	1,676	1,127	164	549	3,308	1,520	21.4	46.4	23.3
Tianjin	14	3.0	6,384	1,128	635	257	493	3,451	2,227	14.1	50.5	34.9
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	50	8.4	7,139	1,302	641	348	661	2,507	1,153	15.6	32.5	16.1
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	48	15.6	7,412	1,571	988	303	582	3,243	1,603	18.2	40.8	21.6
Xinjiang	72	32.5	5,888	1,358	874	252	484	2,488	1,034	21.2	40.4	17.6
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	76	38.4	5,694	997	567	222	430	2,082	1,019	14.7	33.7	17.9
Jiangsu	26	8.2	6,522	1,012	653	186	359	2,523	1,433	11.5	34.7	22.0
Shanghai	44	16.3	6,152	993	658	174	335	1,836	744	13.0	26.7	12.1
Anhui	31	17.0	6,185	785	390	206	395	2,285	1,456	8.6	32.9	23.6
Central:												
Hubei	210	72.3	6,621	1,214	609	315	605	2,298	1,011	15.6	31.2	14.5
Hunan	82	49.9	6,399	1,016	516	260	500	2,111	1,010	14.8	31.1	15.1
Jiangxi	24	15.2	5,411	944	499	231	445	1,888	876	14.4	31.7	16.0
South:[2]												
Guangdong	50	29.8	5,172	1,306	711	303	595	1,792	393	22.7	32.3	7.7
Guangxi	23	15.7	4,881	1,176	421	393	755	1,730	514	19.8	31.2	10.1
Fujian	44	25.2	5,460	1,113	640	253	473	1,774	593	19.1	31.0	10.7
Southwest:												
Sichuan	103	23.2	7,029	1,104	549	266	555	2,510	1,286	11.9	31.9	18.3
Guizhou	74	23.4	7,007	1,131	486	338	645	2,501	1,312	12.6	32.2	18.7
Yunnan	49	20.0	3,611	1,245	579	347	665	1,170	-122	30.7	28.6	-3.4
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,056	426.4	6,027	1,241	668	291	572	2,377	1,061	17.3	36.1	17.5

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (10, p. 426).

Table 185--Rice costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	11	9.4	3,309	1,575	689	248	887	1,856	222	41.9	50.3	6.7
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	19	8.7	6,780	1,826	901	222	924	3,703	1,761	23.7	49.6	24.3
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	6	0.5	6,833	2,646	1,078	611	1,567	5,192	2,492	32.7	70.0	36.5
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	14	2.9	6,246	1,599	776	253	823	4,562	2,890	21.3	68.7	46.3
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	66	10.3	6,171	1,380	609	369	771	1,902	477	19.2	27.7	7.8
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	47	16.0	8,561	1,768	1,032	282	736	4,703	2,867	17.5	51.8	33.5
Xinjiang	61	32.3	7,032	2,509	1,013	303	1,497	3,656	1,049	34.1	50.4	14.9
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	192	83.4	5,447	1,583	702	253	881	2,313	656	26.1	39.3	11.8
Jiangsu	31	7.4	6,335	1,490	706	236	784	2,659	1,085	19.5	42.0	21.1
Shanghai	44	15.4	6,278	1,592	779	182	813	2,807	1,104	22.3	41.7	17.6
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central:												
Hubei	218	74.5	6,090	1,564	744	305	820	2,316	684	23.1	35.0	10.8
Hunan	110	59.4	6,077	1,597	707	273	891	2,314	627	24.8	34.9	8.6
Jiangxi	29	18.0	5,342	1,241	563	222	679	2,046	730	19.8	34.9	13.9
South:[2]												
Guangdong	47	24.1	5,252	1,724	777	263	947	2,332	481	30.1	41.5	9.0
Guangxi	23	14.8	5,010	1,368	627	383	741	2,245	790	21.8	39.2	15.6
Fujian	41	23.7	5,465	1,627	782	227	845	2,313	403	27.9	36.7	7.4
Southwest:												
Sichuan	94	20.3	6,899	1,485	664	282	821	2,677	1,092	18.4	34.8	14.9
Guizhou	76	23.2	7,629	1,197	508	312	690	3,377	2,112	12.7	41.3	27.7
Yunnan	46	17.1	6,435	1,692	678	360	1,014	2,626	849	24.8	38.8	12.7
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,175	460.0	6,168	1,656	755	294	902	2,916	1,177	23.6	43.7	18.8

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (11, p. 481).

Table 186--Rice costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	4	1.3	3,621	2,076	697	288	1,379	3,225	1,075	52.9	84.6	29.7
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	19	8.8	7,245	2,849	1,513	222	1,336	4,720	1,749	36.8	62.3	23.9
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	6	0.6	6,105	3,996	1,330	531	2,666	4,763	713	57.4	70.0	11.7
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	14	2.8	6,642	2,940	1,433	275	1,507	6,975	3,922	44.3	101.1	55.1
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	67	9.9	7,148	1,570	730	344	840	2,822	1,200	20.2	37.7	16.8
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	49	17.9	8,862	2,346	1,370	309	976	5,507	3,073	22.8	58.4	34.6
Xinjiang	42	28.3	9,206	3,510	1,748	339	1,762	4,830	1,220	36.9	51.2	13.2
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	185	90.4	5,285	1,750	809	237	942	2,495	675	59.0	86.1	24.5
Jiangsu	60	9.6	6,597	2,055	1,039	231	1,017	3,267	1,126	27.2	45.5	17.1
Shanghai	44	14.0	6,737	2,088	1,051	170	1,037	3,472	1,273	27.6	48.2	18.9
Anhui	34	18.5	5,849	1,268	776	159	491	3,009	1,679	17.4	46.9	28.5
Central:												
Hubei	199	65.4	6,603	1,826	926	314	885	2,892	1,003	24.3	40.6	15.2
Hunan	84	49.9	5,879	1,933	924	245	1,009	2,608	574	31.4	42.2	9.1
Jiangxi	32	16.4	5,279	1,523	728	221	794	2,277	672	25.3	39.5	12.7
South:[2]												
Guangdong	46	25.7	5,093	2,528	1,247	260	1,280	2,776	136	45.9	48.6	0.5
Guangxi	64	35.6	3,657	2,106	820	407	1,286	2,515	327	49.9	61.2	9.0
Fujian	40	22.3	5,346	2,208	1,006	224	1,202	2,693	395	39.1	47.7	6.9
Southwest:												
Sichuan	101	2.3	6,915	1,605	789	255	816	2,804	1,096	18.9	36.3	15.9
Guizhou	55	15.7	5,862	1,379	740	275	640	2,470	1,032	20.3	27.1	5.8
Yunnan	45	17.3	6,536	2,030	807	362	1,223	3,206	1,113	28.4	45.6	17.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,190	452.5	6,224	2,179	1,024	284	1,154	3,466	1,203	31.5	51.4	18.6

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 440).

Table 187--Rice costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	6	0.5	6,621	4,667	1,730	578	2,937	10,228	5,499	60.5	144.5	83.0
Beijing	1	0.5	5,057	4,568	2,993	225	1,575	7,383	2,756	84.3	140.0	54.5
Tianjin	9	2.3	6,048	3,006	1,155	302	1,851	7,737	4,566	44.3	122.5	75.5
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	65	12.6	7,247	2,120	1,012	366	1,108	3,933	1,735	26.4	50.3	22.9
Gansu	41	16.3	8,859	3,231	1,770	371	1,461	8,100	4,765	33.3	87.3	52.8
Nei Monggol	8	6.7	4,676	2,582	1,457	246	1,125	5,364	2,750	46.2	105.7	58.8
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	42	25.8	6,257	3,384	1,696	294	1,688	4,455	977	51.9	69.1	15.6
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	953	384.9	5,490	2,077	1,058	218	1,020	3,104	926	34.2	52.7	16.6
Jiangsu	28	10.0	6,701	2,447	1,299	227	1,148	3,801	1,262	32.5	52.7	18.8
Shanghai	40	13.5	6,642	2,371	1,326	176	1,045	4,417	1,891	32.0	62.8	28.5
Anhui	15	8.0	7,122	1,452	896	159	557	4,297	2,782	16.4	56.3	39.1
Central:												
Hubei	181	66.1	6,494	2,473	1,398	323	1,076	3,801	1,215	33.8	54.0	18.5
Hunan	66	37.0	5,991	2,153	1,019	245	1,134	3,164	904	33.9	50.8	15.1
Jiangxi	35	18.7	5,520	2,024	957	243	1,067	3,080	916	32.1	50.3	16.6
South:[2]												
Guangdong	45	25.7	5,762	2,843	1,519	240	1,324	3,505	488	44.7	56.0	8.3
Guangxi	18	11.8	5,741	2,250	816	494	1,433	3,057	734	33.8	47.8	12.8
Fujian	41	22.3	5,991	2,863	1,322	228	1,541	3,099	155	45.0	48.7	2.3
Southwest:												
Sichuan	109	23.0	6,810	2,002	975	273	1,027	3,568	1,428	24.8	47.8	21.0
Guizhou	60	16.1	5,595	1,591	935	255	656	2,867	1,194	23.9	46.2	20.8
Yunnan	53	16.3	5,595	2,530	1,221	390	1,309	3,494	885	40.0	56.3	14.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,816	718.1	6,227	2,632	1,328	293	1,304	4,620	391	37.9	69.6	30.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (13, p. 458)

Table 188--Soybean costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*– Yuan/ha –*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	36	9.8	1,995	445	238	108	207	1,490	1,004	16.6	69.0	50.3
Liaoning	33	5.2	1,692	898	539	188	359	1,225	298	49.6	69.0	17.6
Jilin	34	8.1	1,658	799	421	197	378	1,272	412	40.4	69.0	24.9
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	14	0.9	1,250	413	162	131	251	950	513	26.1	69.0	41.0
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	14	4.4	641	181	37	75	144	586	280	24.7	69.0	43.7
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	15	10.5	1,379	355	183	90	172	990	618	23.0	69.0	44.8
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	17	0.9	1,979	522	222	156	300	1,536	994	17.7	69.0	50.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	32	5.4	951	384	156	119	228	731	314	36.7	69.0	28.8
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	7	1.0	573	428	169	135	259	434	-15	67.9	69.0	-2.6
Guizhou	34	2.5	1,101	842	243	312	599	829	-49	70.3	69.0	-4.5
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	236	48.5	1,322	528	237	152	291	1,004	435	33.9	69.0	32.9

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (8, p. 340).

Table 189--Soybean costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	36	19.7	1,836	388	224	86	164	1,323	881	18.1	69.0	48.0
Liaoning	31	7.3	2,118	843	509	174	334	1,234	368	36.8	54.8	16.9
Jilin	14	9.9	1,958	652	385	122	267	1,400	691	28.0	66.2	35.3
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	4	0.4	1,131	364	134	120	230	825	308	29.1	66.0	33.9
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	44	9.8	633	186	45	74	141	466	275	24.6	69.0	43.5
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	15	12.4	1,709	409	228	95	182	1,238	804	18.9	67.4	47.0
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	9	0.8	1,376	703	501	105	202	906	175	51.1	65.9	12.7
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	17	1.2	1,676	469	212	134	256	1,999	1,206	19.4	93.2	72.2
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	32	2.8	1,512	388	176	111	212	1,175	741	17.0	69.0	49.0
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	9	0.9	1,455	793	203	308	590	1,012	219	54.2	68.0	13.8
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	2	0.5	1,370	620	157	237	462	1,331	650	44.4	96.2	47.3
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	213	65.6	1,524	529	252	143	276	1,146	585	30.9	70.6	37.3

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 389).

Table 190--Soybean costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	45	29.2	1,835	466	296	89	170	1,315	795	22.7	69.0	43.3
Liaoning	28	6.3	1,952	953	613	177	340	1,666	667	42.0	78.6	34.2
Jilin	17	9.4	2,265	915	613	150	303	1,709	733	34.8	70.4	32.3
North:												
Shandong	15	1.4	1,475	379	155	110	224	1,085	663	21.6	69.0	44.5
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	14	1.0	3,164	820	417	210	402	2,318	1,437	48.0	134.0	82.1
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	27	8.2	879	191	78	59	113	656	459	16.2	69.0	52.2
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	15	14.9	1,797	525	309	113	216	1,358	808	25.8	72.2	45.0
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	3	0.5	638	553	409	75	144	408	-169	86.8	64.0	-25.9
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	17	1.3	2,082	521	254	140	267	1,616	1,068	16.4	69.0	51.3
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	20	2.5	1,970	362	137	117	225	1,606	1,200	9.5	72.8	61.0
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	33	2.0	1,745	783	245	281	539	1,562	726	38.3	83.0	41.6
Yunnan	6	0.5	1,275	711	201	266	510	941	204	54.0	72.0	16.0
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	240	77.2	1,757	598	311	149	288	1,353	716	29.3	71.6	40.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (10, p. 430).

Table 191--Soybean costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	44	29.1	1,817	614	297	83	317	1,405	729	30.6	74.2	40.1
Liaoning	32	6.9	1,860	1,144	536	188	608	1,632	435	58.0	84.2	23.4
Jilin	16	12.2	1,830	1,006	693	77	313	1,515	449	51.4	79.1	24.5
North:												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	6	0.3	1,100	357	136	107	221	977	587	30.2	82.9	49.6
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	27	5.5	1,395	191	63	66	127	819	623	10.9	53.8	42.6
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	7	1.7	849	311	199	48	112	713	334	33.7	82.0	40.2
Xinjiang	12	6.5	2,412	1,514	511	189	1,002	2,200	663	62.8	91.2	27.5
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	5	0.3	2,219	978	359	257	619	3,105	1,977	40.1	135.9	89.1
Jiangsu	7	0.7	2,273	432	271	83	161	2,014	1,561	10.4	80.0	68.7
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	17	2.1	1,337	447	180	113	268	1,194	709	28.4	81.3	50.2
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	7	0.7	816	724	305	153	419	702	-55	82.7	80.0	-6.7
Guizhou	31	2.6	725	291	71	102	220	669	368	30.9	83.0	50.8
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	211	68.5	1,553	667	302	122	366	1,412	698	39.0	86.4	44.4

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (11, p. 485).

Table 192--Soybean costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*– Yuan/ha –*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	49	39.5	1,802	747	341	90	407	1,407	591	38.0	74.6	32.8
Liaoning	27	5.4	1,160	1,806	583	149	1,223	1,085	-779	151.4	89.5	-66.8
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	15	1.1	1,658	708	248	128	460	1,414	674	38.1	80.8	40.7
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	6	0.2	1,629	492	205	126	287	1,976	1,443	24.2	113.3	88.6
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	44	8.4	1,211	244	127	51	117	2,427	671	14.7	71.1	55.4
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	10	12.2	1,236	621	333	81	288	1,086	443	47.9	85.5	35.8
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	28	12.2	2,570	1,815	698	201	1,116	978	630	70.6	96.4	24.5
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	20	1.7	1,617	554	218	116	336	1,564	985	25.7	88.2	60.9
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	17	2.0	1,332	543	229	128	314	1,303	726	33.2	90.3	54.5
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	5	0.7	950	646	288	74	358	1,275	629	68.0	132.7	64.7
Jiangxi	8	0.4	656	706	436	74	270	652	-87	102.1	93.8	-13.2
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	7	0.7	665	929	367	179	562	581	-381	132.3	80.0	-57.3
Guizhou	19	1.1	585	627	192	188	435	635	-10	95.4	96.1	-2.4
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	255	85.7	1,313	803	328	122	475	1,260	425	56.6	91.4	32.3

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 444).

Table 193--Soybean costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	49	33.3	1,437	914	474	80	440	1,229	243	58.6	78.5	14.9
Liaoning	28	4.0	1,032	1,588	839	162	749	1,223	-406	146.0	109.9	-40.1
Jilin	11	7.2	1,770	1,281	713	90	569	1,950	597	65.6	103.4	33.7
North:												
Shandong	10	1.2	1,545	815	354	102	460	1,123	265	48.9	69.0	17.2
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest:												
Shaanxi	24	8.2	831	213	93	53	120	599	378	22.0	68.5	45.5
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	11	12.4	1,641	824	449	87	375	1,660	799	47.4	98.4	48.7
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	50	15.2	1,770	1,632	707	161	925	1,931	260	89.0	105.9	14.7
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East:												
Zhejiang	21	0.7	1,895	1,539	468	299	1,070	3,371	1,800	73.3	170.0	95.0
Jiangsu	7	0.6	2,043	485	232	89	252	1,811	1,305	15.1	80.0	63.9
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	10	0.9	1,484	743	346	129	397	1,743	915	44.6	104.7	54.4
Central:												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	12	1.0	1,596	1,102	589	140	513	1,715	613	67.7	106.6	38.4
Jiangxi	5	0.3	770	1,175	878	71	297	1,425	210	147.5	180.0	27.3
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Southwest:												
Sichuan	7	0.6	567	962	444	162	518	748	-257	157.7	119.8	-52.7
Guizhou	10	0.7	1,605	1,354	391	389	963	1,620	222	71.0	83.0	9.2
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	256	86.5	1,424	1,009	477	143	533	1,599	548	64.9	105.0	37.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (13, p. 462).

Table 194--Wheat costs of production, by province, China, 1984[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	54	36.7	2,304	460	327	69	133	827	328	17.4	33.4	14.3
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	19	6.9	1,928	639	389	131	251	736	67	27.8	32.8	3.5
North:												
Shandong	62	23.5	3,788	1,115	755	188	360	1,414	269	25.5	33.4	2.5
Hebei	33	23.9	4,539	1,279	674	315	605	1,731	421	24.6	34.6	11.3
Beijing	43	20.8	4,044	1,074	878	104	197	1,512	404	24.0	34.8	10.0
Tianjin	17	4.2	2,952	787	518	141	270	1,109	306	23.9	34.8	10.4
Henan	58	21.5	4,988	1,232	728	263	504	1,882	626	20.4	33.4	12.6
Shanxi	11	6.1	4,650	1,025	679	180	347	1,813	695	16.9	33.8	14.4
Northwest:												
Shaanxi	144	52.7	2,813	858	386	246	472	1,057	149	26.1	33.2	5.5
Gansu	55	39.2	3,837	1,104	488	321	616	1,425	298	24.5	32.8	7.8
Nei Monggol	69	28.7	2,681	676	446	120	230	955	249	31.2	32.9	0.2
Ningxia	54	31.1	5,007	988	663	170	325	1,789	754	17.3	32.8	14.6
Xinjiang	59	65.0	3,029	708	437	141	271	1,154	417	19.1	33.8	13.8
Qinghai	17	13.2	4,943	1,351	638	372	713	1,630	411	23.3	33.0	8.3
East:												
Zhejiang	70	3.8	2,646	961	460	261	501	1,031	21	28.8	31.4	0.8
Jiangsu	7	13.0	3,848	910	498	215	412	1,388	435	20.4	31.7	10.1
Shanghai	93	4.3	3,392	821	428	39	364	1,201	314	21.3	31.6	8.3
Anhui	64	24.3	3,003	923	471	236	452	1,074	122	26.8	31.8	4.0
Central:												
Hubei	274	63.3	2,763	896	320	300	576	975	21	28.7	31.6	0.8
Hunan	4	0.1	1,118	559	271	150	288	381	-179	47.4	31.4	-16.0
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	14	1.4	3,350	1,126	434	360	691	1,150	-21	30.7	31.4	0.6
Southwest:												
Sichuan	105	23.0	3,636	1,100	438	345	662	1,264	93	26.5	31.1	2.6
Guizhou	76	8.7	1,829	747	278	245	470	655	-131	36.5	31.4	-7.2
Yunnan	28	4.1	2,873	863	359	263	504	922	19	29.4	31.4	0.6
Xizang												
National	1,180	519.4	3,332	925	500	222	426	1,220	254	24.0	32.8	7.6

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (8; p. 332).

Table 195--Wheat costs of production, by province, China, 1986[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	47	33.3	1,967	480	368	59	112	854	318	22.0	41.0	16.2
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	8	3.1	1,950	836	556	68	280	780	-91	38.9	36.0	-4.6
North:												
Shandong	62	24.1	4,143	1,018	705	164	313	2,034	975	21.0	45.2	23.2
Hebei	88	22.3	4,139	1,099	621	249	478	2,184	1,053	23.5	49.3	25.0
Beijing	3	20.2	3,894	1,175	963	111	212	2,002	863	26.1	47.0	19.5
Tianjin	17	4.1	3,392	788	518	141	271	1,460	652	19.8	39.6	19.2
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	10	6.1	4,322	1,182	667	269	516	1,955	651	22.1	40.0	15.1
Northwest:												
Shaanxi	412	171.1	2,927	841	457	197	384	1,451	554	25.4	44.9	19.6
Gansu	55	38.0	4,176	1,152	520	329	632	1,992	794	24.2	44.3	19.0
Nei Monggol	65	19.9	2,622	686	465	116	222	1,031	306	23.3	36.5	11.7
Ningxia	54	29.8	3,849	1,002	727	141	274	1,823	766	22.9	44.3	19.9
Xinjiang	331	211.0	3,464	831	542	150	288	1,710	843	22.3	47.6	24.3
Qinghai	16	7.2	4,553	1,106	595	266	510	2,214	1,046	20.3	44.6	23.0
East:												
Zhejiang	37	2.7	3,141	1,085	453	327	633	1,496	353	29.1	42.2	11.2
Jiangsu	44	11.4	3,666	878	499	197	378	1,716	782	19.5	42.4	21.3
Shanghai	30	5.2	3,195	719	472	129	246	1,428	603	18.8	41.0	16.9
Anhui	67	18.9	3,348	874	509	191	366	1,561	643	22.1	42.6	19.2
Central:												
Hubei	56	20.2	4,455	1,120	639	251	481	2,182	1,031	21.6	44.6	22.2
Hunan	252	54.7	2,405	822	358	242	464	1,122	236	30.7	42.7	9.3
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	14	1.3	2,844	1,144	479	347	665	1,304	108	36.8	42.4	3.8
Southwest:												
Sichuan	101	13.8	3,915	1,110	477	315	633	1,657	448	25.2	39.2	11.4
Guizhou	56	4.3	1,539	765	272	257	492	646	-165	45.8	38.0	-10.7
Yunnan	28	2.9	1,923	848	360	253	488	768	-121	42.3	39.1	-7.2
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,853	732.4	3,297	937	531	207	406	1,538	546	24.9	42.9	16.4

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (9, p. 382).

Table 196--Wheat costs of production, by province, China, 1987[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*		*---- Yuan/ha ----*			*-- Yuan/100 kg --*	
Northeast:												
Heilongjiang	48	28.8	1,683	494	400	48	92	796	236	25.4	43.4	14.7
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	5	1.0	1,688	479	258	116	222	861	350	21.6	44.2	20.7
North:												
Shandong	62	23.1	4,632	1,134	787	182	347	2,275	1,097	21.1	45.2	23.1
Hebei	68	20.5	4,304	1,084	596	253	488	2,281	1,143	22.4	48.8	25.7
Beijing	3	20.0	3,504	1,009	868	74	141	1,801	747	24.4	47.0	21.3
Tianjin	16	3.4	3,446	837	530	161	307	1,471	613	21.0	39.4	17.8
Henan	58	21.1	4,656	1,062	668	206	395	2,322	1,233	20.8	45.5	24.1
Shanxi	16	7.1	4,052	1,016	685	173	331	1,927	811	20.0	42.5	20.0
Northwest:												
Shaanxi	334	132.5	3,177	872	508	195	376	1,559	624	24.5	44.8	18.7
Gansu	60	32.8	3,858	1,089	563	273	526	1,892	763	24.9	45.8	19.8
Nei Monggol	39	22.7	2,294	677	452	117	225	1,159	447	26.5	47.5	19.5
Ningxia	54	28.7	5,252	1,127	844	147	282	2,176	992	21.4	44.3	21.7
Xinjiang	237	145.0	3,720	847	565	147	282	1,864	987	20.5	47.8	26.5
Qinghai	21	14.1	5,181	966	592	200	374	2,518	1,478	14.7	44.6	28.5
East:												
Zhejiang	35	3.1	2,919	834	427	210	407	1,370	483	20.0	46.9	21.1
Jiangsu	42	11.2	4,014	872	510	188	362	1,959	1,032	17.3	44.4	25.7
Shanghai	31	4.3	3,581	848	572	144	276	1,259	310	20.1	31.2	8.7
Anhui	56	12.2	2,855	876	498	198	380	1,331	400	26.7	42.6	14.0
Central:												
Hubei	222	47.0	2,750	861	366	258	495	1,290	355	27.8	42.7	12.1
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	4	0.7	1,100	459	191	140	268	537	40	35.3	42.4	3.6
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	5	0.5	2,603	1,104	245	447	858	1,208	59	38.5	42.4	2.2
Southwest:												
Sichuan	99	13.1	2,402	803	332	378	472	1,025	172	29.0	38.3	7.2
Guizhou	51	3.8	1,820	809	302	264	507	834	-14	41.0	42.4	0.8
Yunnan	26	2.4	1,583	941	446	258	495	586	-375	57.6	35.1	-27.1
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,592	599.0	3,183	890	508	200	382	1,511	573	28.0	43.5	18.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (10, p. 424).

Table 197--Wheat costs of production, by province, China, 1988[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	48	22.8	2,055	741	484	65	257	1,066	-113	32.7	48.5	12.8
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	3	0.9	1,067	677	351	80	325	700	-12	57.8	60.0	-1.1
North:												
Shandong	209	60.2	4,638	1,373	902	183	471	2,214	796	26.2	44.1	16.9
Hebei	53	15.0	4,013	1,266	819	227	447	2,205	911	28.1	51.5	22.7
Beijing	83	19.4	3,885	1,236	922	120	314	1,773	486	28.0	41.8	12.5
Tianjin	17	3.6	3,638	1,072	663	165	409	1,865	765	25.5	47.2	20.9
Henan	68	24.9	4,632	1,130	740	186	390	2,458	1,296	21.3	48.2	26.3
Shanxi	16	7.5	3,237	1,094	746	138	348	1,779	610	28.5	49.7	18.6
Northwest:												
Shaanxi	388	170.7	3,036	975	551	201	423	1,228	205	28.5	36.4	6.2
Gansu	50	28.6	3,755	1,125	672	218	453	1,979	808	26.3	48.9	21.4
Nei Monggol	54	136.8	3,201	995	635	102	360	1,674	639	27.6	48.7	19.8
Ningxia	69	42.3	2,670	1,095	777	132	318	1,363	195	36.8	46.8	7.3
Xinjiang	182	154.9	3,771	1,224	644	152	579	1,576	320	30.5	39.8	8.5
Qinghai	21	14.4	5,468	1,167	666	164	502	2,684	1,453	25.0	45.3	19.5
East:												
Zhejiang	102	8.0	2,507	1,370	487	261	882	1,262	-162	50.2	45.5	-6.9
Jiangsu	36	9.3	4,209	1,120	586	174	534	2,072	889	22.2	44.8	21.1
Shanghai	35	5.0	3,026	1,217	607	132	610	1,449	116	36.8	44.4	3.8
Anhui	28	8.9	3,890	1,149	736	170	413	1,935	751	25.3	45.5	19.3
Central:												
Hubei	248	49.6	2,972	1,133	433	240	700	1,427	234	33.5	43.4	7.9
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	4	0.3	995	622	217	138	405	510	-150	56.1	44.8	-15.1
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	10	0.8	2,375	1,671	488	320	1,183	1,074	-659	67.5	42.4	-27.7
Southwest:												
Sichuan	100	14.3	3,855	1,384	564	308	819	1,717	240	31.6	39.7	5.7
Guizhou	54	4.3	1,473	684	237	207	447	710	-33	40.6	42.3	-2.3
Yunnan	13	1.5	3,240	1,241	550	237	691	1,630	353	37.2	49.2	10.9
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,891	803.9	3,284	1,115	603	180	512	1,598	430	30.2	44.7	12.9

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (11, p. 479).

Table 198--Wheat costs of production, by province, China, 1989[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*-- Yuan/ha --*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	45	20.1	1,929	805	482	66	323	1,051	179	37.4	50.1	9.3
Liaoning	82	30.1	3,309	1,651	1,177	113	474	2,357	667	46.8	67.7	19.8
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North:												
Shandong	45	54.6	4,422	1,656	1,107	171	549	2,300	602	33.5	48.3	13.9
Hebei	53	15.0	4,077	1,639	940	246	699	2,691	1,020	37.6	62.1	23.8
Beijing	70	66.7	3,750	1,872	1,377	96	495	2,154	242	49.1	56.6	6.5
Tianjin	17	3.6	3,660	1,502	896	162	606	2,235	709	35.8	55.8	19.4
Henan	63	21.0	4,436	1,496	991	204	505	2,371	836	30.0	48.0	17.0
Shanxi	11	6.4	2,943	1,397	893	161	504	1,879	383	44.2	60.6	13.0
Northwest:												
Shaanxi	393	174.7	2,964	1,095	618	186	477	1,557	409	33.8	49.1	13.6
Gansu	49	30.0	4,065	1,590	899	231	691	2,301	642	35.8	51.0	13.5
Nei Monggol	34	1.7	3,609	1,420	978	125	442	1,947	482	35.7	50.0	13.1
Ningxia	71	43.0	3,378	1,622	1,090	174	532	2,478	762	43.6	66.4	20.0
Xinjiang	184	137.5	4,184	1,498	738	167	760	1,781	244	33.7	40.4	5.8
Qinghai	12	5.1	6,008	1,697	984	186	712	2,972	1,198	24.5	45.5	19.7
East:												
Zhejiang	87	7.8	2,688	1,531	594	252	937	1,539	-50	51.6	51.8	-2.0
Jiangsu	25	7.3	4,247	1,332	756	183	576	2,300	927	26.3	49.8	21.8
Shanghai	30	4.7	3,551	1,494	776	120	718	1,739	127	39.5	46.5	3.6
Anhui	49	14.0	3,443	1,326	832	174	494	1,939	569	33.8	51.6	16.5
Central:												
Hubei	247	48.6	2,841	1,179	518	224	661	1,501	245	36.8	47.7	8.3
Hunan	1	0.1	2,238	1,317	696	120	622	1,955	600	55.5	84.0	26.8
Jiangxi	8	0.6	810	679	257	123	423	425	-290	77.4	46.0	-35.8
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	5	0.6	2,720	1,861	438	372	1,432	1,632	-297	64.8	56.0	-10.9
Southwest:												
Sichuan	121	16.8	3,360	1,636	672	320	965	1,568	-165	43.9	41.9	-4.8
Guizhou	48	6.0	1,956	983	444	231	538	1,018	-16	44.6	46.4	-0.8
Yunnan	22	2.2	2,843	1,773	609	317	1,164	1,637	-178	67.2	57.1	-11.6
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,772	733.6	3,338	1,457	791	189	667	1,893	379	40.0	52.7	11.0

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.
[2] Hainan data are included in Guangdong.

Source: (12, p. 438).

Table 199--Wheat costs of production, by province, China, 1990[1]

Province	House-holds surveyed	Area surveyed	Yield	Costs				Returns		Total variable costs	Returns	
				Total variable	Intrmdt inputs	Standard labor	Labor	Gross	Net		Gross	Net
	Number	*Ha*	*Kg/ha*	*- Yuan/ha -*		*Days/ha*	*---- Yuan/ha ----*			*-- Yuan/100 kg --*		
Northeast:												
Heilongjiang	43	22.1	2,369	1,041	667	65	374	1,432	317	40.3	56.8	13.4
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	3	1.0	750	916	501	66	415	564	-398	117.0	70.0	-53.1
North:												
Shandong	40	47.2	5,330	2,103	1,459	191	645	3,074	930	35.5	53.7	17.4
Hebei	53	14.9	4,919	2,173	1,202	267	971	3,454	1,249	40.2	66.2	25.4
Beijing	77	62.3	5,511	2,613	2,067	72	546	4,952	2,297	46.9	89.4	41.7
Tianjin	17	4.4	4,595	1,869	1,282	144	587	3,429	1,533	35.4	69.3	33.4
Henan	46	11.5	4,800	1,745	1,182	206	563	2,817	1,026	31.4	51.8	19.5
Shanxi	10	6.6	4,982	1,832	1,242	164	589	3,101	1,093	33.7	59.2	21.9
Northwest:												
Shaanxi	390	162.1	4,151	1,420	831	197	589	2,108	626	30.8	47.2	14.9
Gansu	44	30.1	4,577	1,710	1,028	237	682	2,781	1,003	32.6	55.0	20.8
Nei Monggol	48	18.5	3,876	1,666	1,062	140	605	2,713	1,002	39.8	65.6	24.7
Ningxia	54	29.5	3,918	2,000	1,251	179	749	2,913	823	47.3	67.5	18.0
Xinjiang	188	138.8	4,166	1,667	795	177	872	1,919	215	37.8	43.9	5.2
Qinghai	21	13.1	5,586	1,623	953	180	670	3,196	1,487	24.8	52.9	26.6
East:												
Zhejiang	362	33.9	2,478	1,550	686	204	864	1,740	107	56.0	63.2	3.9
Jiangsu	37	9.3	3,756	1,778	1,025	177	752	2,191	350	42.9	53.9	9.3
Shanghai	30	5.1	2,894	1,662	1,091	99	572	2,059	239	55.3	69.0	8.3
Anhui	12	4.2	3,461	1,497	981	158	516	2,214	640	37.0	57.7	1.9
Central:												
Hubei	21	53.4	2,696	1,443	635	233	809	1,589	48	47.8	53.1	1.7
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	3	.2	873	1,089	450	153	639	452	-682	119.0	46.0	-78.1
South:[2]												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	10	1.1	2,507	2,471	860	240	1,612	1,534	-1010	90.9	53.5	-40.3
Southwest:												
Sichuan	110	17.4	2,763	1,845	749	326	1,097	1,539	-408	59.6	48.5	-14.8
Guizhou	42	5.9	1,680	1,042	544	200	498	995	-88	54.5	52.3	-4.7
Yunnan	9	1.2	3,915	1,929	755	353	1,174	3,055	1,068	49.3	78.0	27.3
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National	1,670	694.7	3,606	1,695	971	185	725	2,326	561	43.0	60.1	15.2

[1] Cost of production data should be used with caution. The sample size is extremely small, and it is unknown whether or not the sample selection was random. The meaning and consistency of definitions, both within and between crops, are also unknown.

[2] Hainan data are included in Guangdong.

Source: (13, p. 45ò).

Chapter 8

China's Consumption and Expenditure Statistics

This chapter includes national-level statistics on China's average per capita expenditures, peasant and urban household per capita expenditures, peasant and urban household consumption of selected goods, the value of commodities purchased by peasant households from free markets versus self-provided commodities, as well as total and per capita urban and rural grain, oil, pork, and sugar consumption. Provincial-level statistics include peasant household per capita net income, average consumption expenditures for agricultural and nonagricultural residents, as well as peasant per capita consumption of grain, fine grain, edible oil, cotton cloth, red meat, poultry, eggs, seafood, sugar, vegetables, tea, alcohol, cigarettes, woolen fabric, silk/satin, chemical fiber cloth, knitted goods, and shoes.

Table 200--Per capita expenditures, average for all residents, China, 1952–90

Year	Expenditure average for all residents	Agricultural population expenditure	Non–agricultural population expenditure
		Yuan	
1952	76	62	149
1953	87	69	181
1954	89	70	183
1955	94	76	188
1956	99	78	197
1957	102	79	205
1958	105	83	195
1959	96	65	206
1960	102	68	214
1961	114	82	225
1962	117	88	226
1963	116	89	222
1964	120	95	234
1965	125	100	237
1966	132	106	244
1967	136	110	251
1968	132	106	250
1969	134	108	255
1970	140	114	260
1971	142	116	267
1972	147	116	295
1973	155	123	306
1974	155	123	313
1975	158	124	324
1976	161	125	340
1977	165	124	360
1978	175	132	383
1979	197	152	406
1980	227	173	468
1981	249	192	520
1982	266	210	526
1983	289	232	547
1984	327	265	598
1985	403	324	727
1986	447	351	833
1987	508	389	991
1988	635	473	1,281
1989	691	511	1,387
1990	714	522	1,442

Source: (35, p. 270).

Table 201—Peasant household per capita expenditures, China, selected years, 1965–90

Item	1965	1978	1979	1980	1981	1982	1983
				Yuan			
Total expenditures	na	135.8	na	195.5	240.2	282.1	324.5
Living expenditures	95.1	116.1	134.5	162.2	190.8	220.2	248.3
Household sideline production cost and taxes	na	17.0	na	24.9	30.5	36.2	40.7
Purchase productive fixed assets	na	0.0	na	0.0	6.3	11.7	18.4
Nonborrowing expenditures	na	2.7	na	8.4	12.6	14.0	17.1
Money sent to people outside household	na	0.5	na	1.0	0.7	0.6	0.6
Money given to relatives	na	1.2	na	4.1	7.0	8.4	10.6
Other expenditures	na	0.0	na	3.3	4.9	5.1	5.9
Cultural activities and services	2.6	3.2	3.7	4.3	4.6	4.9	5.5
Consumer good total	92.5	112.9	130.8	158.0	186.2	215.3	242.8
Food	65.1	78.6	86.0	100.2	113.8	133.2	147.2
Clothes	10.0	14.7	17.6	20.0	23.6	24.8	27.7
Fuel	7.9	8.3	8.3	9.7	10.6	12.4	13.5
Housing	2.7	3.7	7.7	12.8	18.7	22.6	27.6
Daily use and other	6.8	7.6	11.1	15.3	19.5	22.4	26.9

	1984	1985	1986	1987	1988	1989	1990
				Yuan			
Total expenditures	357.0	na	na	na	na	na	na
Living expenditures	273.8	317.4	357.0	398.3	476.7	535.4	538.1
Household sideline production cost and taxes	48.5	na	na	na	na	na	na
Purchase productive fixed assets	16.9	na	na	na	na	na	na
Nonborrowing expenditures	17.9	na	na	na	na	na	na
Money sent to people outside household	0.7	na	na	na	na	na	na
Money given to relatives	12.0	na	na	na	na	na	na
Other expenditures	5.2	na	na	na	na	na	na
Cultural activities and services	6.5	9.1	11.2	20.2	27.1	35.3	40.4
Consumer good total	267.3	308.4	345.7	378.1	449.6	500.1	497.7
Food	161.5	183.3	201.2	219.7	254.6	289.6	295.2
Clothes	28.3	31.3	33.7	34.2	41.2	44.4	45.1
Fuel	15.0	18.2	18.6	19.3	21.7	23.5	24.4
Housing	32.1	39.5	51.2	57.5	71.1	77.1	69.2
Daily use and other	30.3	36.1	41.0	47.2	61.1	65.6	63.8

Sources: (30, p. 674), (31, p. 698), (32, p. 823), (33, p. 743), and (35, p. 298).

Table 202--Urban household per capita expenditures, China, selected years, 1957–90

Item	1957	1964	1981	1982	1983	1984
			Yuan			
Total	222.0	220.7	456.8	471.0	505.9	559.4
Goods purchased	190.7	188.4	420.4	432.1	464.0	514.3
Foods	129.7	130.7	258.8	276.2	299.5	324.2
Grain	50.5	49.4	59.2	60.7	61.6	63.1
Nonstaples	59.5	62.2	140.3	151.0	166.1	181.0
Tea, alcohol, and tobacco	8.9	7.8	23.2	24.8	26.8	30.4
Other food products	10.8	11.3	36.2	39.7	45.1	49.8
Clothes	26.6	24.2	67.6	67.7	73.6	86.9
Daily use articles	16.9	13.2	43.7	43.4	45.7	50.6
Educational	na	2.4	25.9	21.7	20.8	24.6
Books and newspapers	1.3	2.5	4.3	4.2	4.9	5.9
Drugs and medicines	4.1	4.1	2.6	2.9	3.1	3.4
Fuel	8.6	9.4	3.9	8.8	8.8	9.2
Services	31.3	32.3	36.5	38.9	41.9	45.1
Rent	5.2	5.8	6.4	7.1	7.7	7.8
Utilities	3.2	3.8	4.4	5.0	5.8	6.2
School tuition	1.4	2.8	2.6	2.8	3.2	4.4
Health care	2.9	3.5	2.8	2.8	2.4	2.5
Transportation	5.3	3.8	6.1	6.6	7.0	7.6
Post	na	na	0.5	0.6	0.6	0.7
Recreation	2.4	1.6	2.9	2.4	2.3	2.2

Item	1985	1986	1987	1988	1989	1990
			Yuan			
Total	673.2	799.0	884.4	1,104.0	1,211.0	1,278.9
Goods purchased	621.5	734.6	809.3	1,013.9	1,099.9	1,151.4
Foods	351.7	418.9	472.9	567.0	660.0	693.7
Grain	60.2	64.8	66.9	75.7	81.9	84.5
Nonstaples	202.9	242.5	276.9	346.2	406.3	421.3
Tea, alcohol, and tobacco	35.8	44.5	50.7	58.4	68.5	76.1
Other food products	52.8	67.1	78.4	86.8	103.3	111.8
Clothes	98.0	113.0	121.1	153.2	149.2	170.9
Daily use articles	71.9	88.9	100.6	148.6	134.0	129.1
Educational	52.0	54.5	49.6	66.7	70.1	68.0
Books and newspapers	6.1	7.0	7.5	8.3	10.6	11.0
Drugs and medicines	6.2	7.6	8.9	12.6	16.0	19.4
Fuel	11.5	12.0	12.3	15.1	18.2	20.3
Services	51.7	64.3	75.1	90.0	111.1	127.4
Rent	6.5	7.2	7.7	7.8	8.8	9.4
Utilities	6.8	8.9	10.3	12.3	16.2	19.8
School tuition	7.7	8.8	11.3	18.7	25.2	28.3
Health care	3.4	3.7	3.7	4.6	5.2	5.3
Transportation	6.7	8.4	9.1	9.1	10.2	13.5
Post	0.6	0.7	0.8	1.0	1.3	1.8
Recreation	2.3	2.7	3.0	3.3	3.6	4.7

Sources: (30, p. 668), (33, p. 727), and (35, p. 280).

Table 203--Average consumption expenditures of all agricultural and nonagricultural residents, by province, China, 1985-89

Province	1985			1986			1987			1988			1989		
	All	Agri.	Non-agri.	All	Agri.	Non-agri.	All	Agri.	Non-agri.	All	Agri.	Non-agri.	All	Agri.	Non-agri.
								Yuan[1]							
Northeast:															
Heilongjiang	502	328	763	564	370	849	641	431	943	748	503	1,093	836	519	1,270
Liaoning	581	405	833	659	445	961	752	496	1,110	941	575	1,442	1,065	644	1,635
Jilin	512	377	750	570	407	845	639	462	929	782	549	1,152	847	593	1,243
North:															
Shandong	376	334	658	411	364	731	465	409	826	569	483	1,053	627	510	1,176
Hebei	354	308	650	397	342	744	575	525	878	583	489	1,142	635	518	1,331
Beijing	835	622	981	907	653	1,076	1,038	733	1,236	1,249	928	1,455	1,284	1,148	1,368
Tianjin	730	510	911	816	552	1,030	907	596	1,163	1,135	753	1,446	1,258	840	1,589
Henan	293	240	710	322	262	771	350	282	853	403	312	1,054	456	353	1,167
Shanxi	354	261	713	374	271	774	411	287	873	516	356	1,099	571	405	1,169
Northwest:															
Shaanxi	345	267	700	374	277	816	413	305	891	535	380	1,205	587	420	1,300
Gansu	299	210	780	350	235	948	405	271	1,086	484	322	1,292	561	363	1,561
Nei Monggol	419	325	634	446	329	713	492	351	812	602	449	935	679	518	1,019
Ningxia	370	286	670	421	321	791	477	350	923	545	404	1,016	608	439	1,156
Xinjiang	484	336	658	536	365	735	611	416	838	746	525	1,003	854	607	1,138
Qinghai	444	299	812	500	321	922	552	346	1,033	673	421	1,262	731	493	1,292
East:															
Zhejiang	451	398	725	530	473	815	613	540	963	795	683	1,330	860	741	1,421
Jiangsu	466	410	756	526	454	869	589	512	933	741	647	1,138	812	711	1,206
Shanghai	961	850	1,024	1,109	996	1,171	1,214	1,079	1,286	1,586	1,277	1,737	1,837	1,418	2,045
Anhui	337	289	648	384	326	728	428	362	814	520	427	1,049	574	472	1,150
Central:															
Hubei	406	327	720	488	401	806	528	433	871	631	507	1,066	736	614	1,157
Hunan	370	326	646	402	346	741	447	379	838	528	435	1,064	556	450	1,157
Jiangxi	366	326	532	389	341	576	425	364	666	499	415	836	565	468	945
South:															
Guangdong	493	383	871	553	434	949	651	496	1,148	872	663	1,524	957	722	1,707
Guangxi	311	270	581	339	289	648	372	313	735	460	366	1,025	525	424	1,107
Fujian	419	358	717	456	387	792	519	442	888	677	582	1,135	794	681	1,330
Hainan[2]	na	na	na	na	na	na	na	na	na	615	490	1,115	649	522	1,142
Southwest:															
Sichuan	338	287	652	369	304	749	425	347	885	527	431	1,086	570	460	1,205
Guizhou	288	232	698	317	256	756	355	285	853	400	308	1,056	441	353	1,062
Yunnan	308	255	679	322	263	723	360	281	892	417	339	931	512	425	1,087
Xizang	422	309	1,182	438	296	1,387	498	347	1,475	543	382	1,519	647	412	2,078

[1] Calculated according to current prices.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 638), (31, p. 672), (32, p. 802), (33, p. 722), (34, p. 292), and (35, p. 272).

Table 204--Peasant household per capita consumption of selected goods, China, 1978–90

Year	Grain[1]	Fine grain[1]	Vegetables	Edible oil[2]	Red meat[3]	Poultry[4]	Fresh eggs[5]	Seafood
				Kilograms				
1978	248	123	142	1.96	5.76	0.25	0.80	0.84
1979	257	140	131	2.38	6.51	0.32	0.90	0.70
1980	257	163	127	2.49	7.75	0.66	1.20	1.10
1981	256	173	124	3.13	8.71	0.71	1.25	1.28
1982	260	192	132	3.43	9.05	0.78	1.43	1.32
1983	260	197	131	3.53	9.97	0.82	1.57	1.57
1984	267	209	140	3.97	10.62	0.94	1.84	1.74
1985	257	209	131	4.04	10.97	1.03	2.05	1.64
1986	259	212	134	4.19	11.79	1.14	2.08	1.87
1987	259	211	130	4.69	11.65	1.15	2.25	1.96
1988	260	211	130	4.76	10.71	1.25	2.28	1.91
1989	262	213	133	4.81	11.00	1.28	2.41	2.10
1990	262	215	134	5.17	11.34	1.26	2.41	2.13

	Sugar	Alcohol	Cotton	Knits[6]	Cotton cloth	Chemical fiber cloth	Woolen fabric	Silk & satins
	Kilograms				*Meters*[7]			
1978	0.73	1.22	0.40	0.02	5.63	0.41	0.02	0.02
1979	0.80	1.42	0.45	0.04	5.20	0.73	0.06	0.05
1980	1.06	1.89	0.38	0.05	4.30	0.94	0.06	0.06
1981	1.10	2.32	0.33	0.05	4.21	1.23	0.06	0.05
1982	1.19	2.73	0.39	0.04	3.94	1.53	0.04	0.05
1983	1.26	3.20	0.40	0.04	3.18	2.34	0.05	0.07
1984	1.30	3.48	0.42	0.05	2.82	2.48	0.07	0.09
1985	1.46	4.37	0.43	0.04	2.54	2.50	0.14	0.07
1986	1.59	4.96	0.34	0.05	1.98	2.53	0.13	0.06
1987	1.70	5.48	0.52	0.07	1.57	2.28	0.12	0.05
1988	1.41	5.93	0.32	0.06	1.50	2.14	0.12	0.06
1989	1.54	5.95	0.30	0.06	1.06	1.90	0.08	0.04
1990	1.50	6.14	0.31	0.07	0.90	1.74	0.08	0.04

[1] Grain and fine grain consumption data are on a trade weight (processed or milled) basis.

[2] Per capita oilseed consumption includes both edible plant and animal oil (oils from peanut, rapeseed, soybean, sunflower seed, sesame seed, rice bran, corn, some portion of cottonseed, as well as lard and some other minor edible animal oils).

[3] Red meat consumption (pork, beef, and mutton) excludes offal but includes bone.

[4] Poultry consumption includes all poultry meats (chicken, duck, goose, and others).

[5] Fresh egg consumption includes both chicken and duck eggs (in shell). It may also include other minor eggs (such as goose and pigeon).

[6] Includes knitting wool and woolen knitwear.

[7] Cloth statistics are reported on a linear meter basis.

Sources: (28, p. 474), (32, p. 825), and (35, p. 303).

Table 205--Urban household per capita purchases of selected goods, China, selected years, 1957-90

Year	Grain[1]	Vegetable	Edible oil[2]	Pork[3]	Beef and mutton[3]	Poultry[4]	Fresh eggs[5]	Seafood	Sugar	Alcohol	Cigarettes	Cotton cloth
	Kilograms										*Boxes*[6]	*Meters*[7]
1957	167.16	109.14	4.20	6.72	1.20	1.20	3.29	7.62	1.44	2.52	27.72	2.40
1964	155.76	130.32	2.22	na	na	0.48	2.04	4.68	1.62	1.00	23.52	1.25
1981	145.44	152.34	4.80	16.92	1.68	1.92	5.22	7.26	2.88	4.38	35.88	1.55
1982	144.56	159.08	5.78	16.85	1.81	2.26	5.68	7.67	2.80	4.48	31.86	1.41
1983	144.48	165.00	6.54	18.00	1.86	2.58	6.90	8.10	2.76	5.34	33.48	1.74
1984	142.08	149.04	7.08	17.10	2.76	2.88	7.62	7.80	2.94	6.78	34.08	3.00
1985	134.76	144.36	5.76	16.68	2.64	3.24	6.84	7.08	2.52	7.80	36.12	2.61
1986	137.88	148.32	6.24	18.96	2.64	3.72	7.08	8.16	2.64	9.36	41.40	2.54
1987	133.87	142.58	6.44	18.85	3.05	3.40	6.56	7.88	2.54	9.92	40.68	2.15
1988	137.17	147.02	6.69	16.94	2.81	4.00	6.87	7.07	2.58	9.45	36.86	2.69
1989	133.94	144.56	6.16	17.53	2.73	3.65	7.05	7.61	2.38	9.00	34.24	1.54
1990	130.72	138.70	6.40	18.46	3.28	3.42	7.25	7.69	2.14	9.25	35.12	1.33

Year	Chemical fiber fabric	Woolen fabric	Silk and satin fabric	Cotton clothing	Chemical fiber clothing	Woolen clothing	Silk and satin clothing	Knitted clothing	Leather shoes	Soap	Perfume and medicine	Coal
	Meters[7]			*Pieces*					*Pairs*	*Pieces*		*Kg*
1957	na	0.05	0.09	0.66	na	0.04	0.01	na	0.23	na	na	274.62
1964	na	0.08	0.18	0.41	na	0.03	0.01	0.56	0.15	5.92	0.57	285.48
1981	1.67	0.22	0.43	0.47	0.73	0.11	0.02	1.15	0.46	10.20	1.68	240.00
1982	2.00	0.24	0.41	0.46	0.83	0.11	0.01	1.36	0.48	8.78	1.90	226.50
1983	2.26	0.31	0.45	0.46	1.04	0.14	0.03	1.59	0.51	9.72	1.92	229.26
1984	1.95	0.37	0.49	0.41	1.14	0.18	0.05	1.73	0.62	10.32	2.04	254.82
1985	1.47	0.36	0.50	0.47	1.22	0.19	0.07	1.45	0.55	7.95	1.63	270.57
1986	1.79	0.39	0.51	0.44	1.37	0.20	0.10	1.65	0.59	8.33	1.78	267.58
1987	1.64	0.37	0.57	0.36	1.30	0.18	0.11	1.56	0.61	6.60	1.68	236.27
1988	1.72	0.37	0.58	0.38	1.33	0.18	0.10	1.56	0.61	9.69	1.70	280.81
1989	1.45	0.24	0.40	0.32	1.28	0.16	0.09	1.39	0.55	5.06	1.20	217.53
1990	1.46	0.26	0.41	0.29	1.40	0.17	0.10	1.51	0.61	6.24	1.30	206.04

[1] Grain consumption data are on a trade weight (processed or milled) basis.

[2] Per capita oilseed consumption includes both edible plant and animal oils (oils from peanut, rapeseed, sunflower seed, soybean, sesame seed, rice bran, corn, some portion of cottonseed, as well as lard and some other minor edible animal oils).

[3] Red meat consumption (pork, beef, or mutton) excludes offal but includes bones.

[4] Poultry consumption includes all poultry meats (chicken, duck, goose, and others).

[5] Fresh egg consumption includes both chicken and duck eggs (in shell). It may also include some other minor eggs (such as goose and pigeon).

[6] One box (or package) contains 20 cigarettes.

[7] Cloth data are reported on a linear meter basis.

Sources: (30, p. 669), (33, p. 728), and (35, p. 287).

Table 206--Peasant household per capita net income, by province, China, selected years, 1978-90

Province	1978	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Yuan						
Northeast:												
Heilongjiang	168	205	221	250	388	443	398	476	474	553	535	671
Liaoning	165	273	307	334	452	477	468	533	599	700	740	776
Jilin	179	236	293	333	462	487	414	457	523	628	624	717
North:												
Shandong	101	194	232	304	368	404	408	449	518	584	631	645
Hebei	92	176	204	236	298	345	385	408	444	547	589	592
Beijing	225	290	351	433	519	664	775	823	916	1,063	1,231	1,261
Tianjin	178	278	298	326	412	505	565	635	749	891	1,020	1,069
Henan	101	161	216	217	272	301	329	333	378	401	457	482
Shanxi	na	156	180	227	276	351	358	345	377	439	514	560
Northwest:												
Shaanxi	na	142	177	218	236	263	295	299	329	404	434	460
Gansu	98	153	159	174	213	221	255	269	296	340	366	399
Nei Monggol	100	181	225	273	294	336	360	340	389	500	478	607
Ningxia	na	na	178	229	289	313	321	374	383	472	522	534
Xinjiang	na	198	236	277	307	363	394	420	453	496	546	622
Qinghai	na	na	158	201	252	294	343	369	392	493	458	514
East:												
Zhejiang	na	219	260	346	359	446	549	609	725	902	1,011	1,045
Jiangsu	152	218	258	309	357	448	493	561	626	797	876	884
Shanghai	290	397	444	530	563	785	806	937	1,059	1,301	1,380	1,665
Anhui	102	185	246	269	305	323	369	397	429	486	516	517
Central:												
Hubei	107	170	217	270	299	392	421	445	461	498	572	602
Hunan	134	220	242	284	316	348	395	440	471	515	558	546
Jiangxi	na	181	227	270	302	334	377	396	429	488	559	580
South:												
Guangdong	182	274	325	382	396	425	495	546	645	809	955	952
Guangxi	na	174	204	235	262	267	303	316	354	424	483	500
Fujian	135	172	232	268	301	345	396	419	485	613	697	764
Hainan[1]	na	na	na	na	na	na	na	na	na	567	674	653
Southwest:												
Sichuan	117	188	221	256	258	287	315	338	369	449	494	505
Guizhou	108	161	209	223	225	261	288	304	342	398	430	435
Yunnan	124	150	178	232	267	310	338	338	365	428	478	490
Xizang	na	na	na	na	na	na	353	344	348	374	397	437
National average	134	191	223	270	310	355	398	424	463	545	602	630

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 677), (33, p. 746), and (35, p. 296).

Table 207--Value of peasant household per capita commodities purchased at markets and provided from own sources, China, 1980-90

Year/source	Total	Food	Clothes	Housing	Fuel	Daily use and other
			Yuan			
1980	157.95	100.19	19.99	12.80	9.66	15.31
Markets	79.62	31.13	19.61	11.36	2.77	14.75
Self	78.33	69.06	0.38	1.44	6.89	0.56
1981	186.17	113.83	23.57	18.67	10.59	19.51
Markets	104.35	41.70	23.25	17.59	2.66	19.15
Self	81.82	72.13	0.32	1.08	7.93	0.36
1982	215.30	133.20	24.77	22.58	12.36	22.39
Markets	121.57	50.61	24.36	21.70	2.80	22.10
Self	93.73	82.59	0.41	0.88	9.56	0.29
1983	242.81	147.24	27.65	27.56	13.47	26.89
Markets	142.87	59.14	27.14	26.95	3.01	26.63
Self	99.94	88.10	0.51	0.61	10.46	0.26
1984	267.27	161.52	28.33	32.12	15.04	30.26
Markets	156.70	64.14	27.69	31.49	3.33	30.05
Self	110.57	97.38	0.64	0.63	11.71	0.21
1985	308.35	183.33	31.34	39.46	18.16	36.06
Markets	185.62	76.46	30.70	38.66	3.92	35.88
Self	122.73	106.87	0.64	0.80	14.24	0.18
1986	345.71	201.17	33.74	51.23	18.57	41.00
Markets	216.97	88.61	33.11	50.33	4.07	40.85
Self	128.74	112.56	0.63	0.90	14.50	0.15
1987	378.14	219.67	34.23	57.76	19.29	47.19
Markets	243.75	101.90	33.56	56.80	4.46	47.03
Self	134.39	117.77	0.67	0.96	14.83	0.16
1988	449.61	254.57	41.18	71.10	21.69	61.07
Markets	303.97	126.83	40.41	70.25	5.68	60.80
Self	145.64	127.74	0.77	0.85	16.01	0.27
1989	500.08	289.58	44.38	77.05	23.51	65.56
Markets	343.24	151.52	43.35	76.07	6.98	65.32
Self	156.84	138.06	1.03	0.98	16.53	0.24
1990	497.65	295.16	45.06	69.23	24.37	63.83
Markets	334.39	151.39	43.93	68.50	7.05	63.52
Self	163.26	143.77	1.13	0.73	17.32	0.31

Sources: (30, p. 675), (33, p. 744), and (35, p. 298).

Table 208--Urban and rural edible oil consumption, total and per capita, China, 1952–90[1]

Year	Total consumption			Per capita consumption		
	National	Urban	Rural	National	Urban	Rural
	1,000 tons			*Kilograms per person*		
1952	1,190	355	835	2.10	5.12	1.68
1953	1,170	395	775	2.02	5.36	1.53
1954	1,070	375	695	1.80	4.67	1.36
1955	1,335	435	900	2.20	5.20	1.72
1956	1,590	480	1,110	2.57	5.08	2.11
1957	1,510	515	995	2.42	5.15	1.86
1958	1,540	530	1,010	2.36	4.55	1.89
1959	1,490	525	965	2.25	4.04	1.82
1960	1,240	490	750	1.87	3.55	1.43
1961	905	350	555	1.38	2.70	1.05
1962	720	285	435	1.09	2.46	0.80
1963	765	345	420	1.13	3.06	0.74
1964	965	435	530	1.39	3.72	0.92
1965	1,235	590	645	1.72	4.82	1.09
1966	1,300	630	670	1.76	5.27	1.08
1967	1,330	615	715	1.76	4.95	1.13
1968	1,250	570	680	1.61	4.54	1.05
1969	1,265	580	685	1.59	4.56	1.02
1970	1,315	565	750	1.61	4.24	1.10
1971	1,380	595	785	1.64	4.24	1.12
1972	1,435	620	815	1.67	4.41	1.13
1973	1,460	620	840	1.66	4.36	1.14
1974	1,540	645	895	1.71	4.45	1.19
1975	1,580	685	895	1.73	4.66	1.17
1976	1,485	700	785	1.60	4.62	1.01
1977	1,470	670	800	1.56	4.14	1.03
1978	1,525	700	825	1.60	4.11	1.05
1979	1,895	875	1,020	1.96	4.99	1.29
1980	2,260	985	1,275	2.30	5.45	1.59
1981	2,925	1,275	1,650	2.94	6.89	2.04
1982	3,565	1,700	1,865	3.54	8.95	2.28
1983	4,105	1,935	2,170	4.03	9.98	2.63
1984	4,835	2,175	2,660	4.70	11.07	3.19
1985	5,340	2,460	2,880	5.13	12.27	3.48
1986	5,516	2,546	2,970	5.24	12.42	3.50
1987	6,071	2,899	3,172	5.66	13.54	3.69
1988	6,464	2,978	3,486	5.94	13.56	4.01
1989	5,980	2,770	3,210	5.35	12.20	3.66
1990	6,435	3,037	3,398	5.67	12.68	3.79

[1] Per capita oilseed consumption includes both edible plant and animal oils (oils from peanut, rapeseed, sunflower seed, sesame seed, soybean, rice bran, corn, some portion of cottonseed, as well as lard and some other minor edible animal oils).

Sources: (21, p. 717), (22, pp. 592–593), (46, p. 52), and (23, pp. XI–158, XI–159).

Table 209--Urban and rural grain consumption, total and per capita, China, 1952-90[1]

Year	Total consumption			Per capita consumption		
	National	Urban	Rural	National	Urban	Rural
	1,000 tons			*Kilograms per person*		
1952	112,205	16,685	95,520	197.67	240.35	191.72
1953	114,325	17,865	96,460	197.07	242.24	190.50
1954	116,655	18,960	97,695	196.38	236.21	190.16
1955	120,425	17,950	102,475	198.27	214.41	195.69
1956	126,700	18,900	107,800	204.29	200.26	205.02
1957	129,175	19,600	109,575	203.06	196.00	204.38
1958	129,240	21,640	107,600	198.23	185.55	201.00
1959	123,590	26,140	97,450	186.59	200.39	183.10
1960	108,560	26,625	81,935	163.62	192.59	156.00
1961	104,670	23,290	81,380	158.79	179.49	153.71
1962	109,410	21,310	88,100	164.63	183.84	160.57
1963	112,145	21,390	90,755	164.65	189.86	159.65
1964	126,845	23,395	103,450	181.96	200.05	178.31
1965	131,530	25,815	105,715	182.24	210.65	177.13
1966	139,850	24,615	115,235	189.57	205.76	186.44
1967	140,640	24,755	115,885	186.18	199.25	183.61
1968	134,760	23,715	111,045	173.81	188.85	170.90
1969	138,600	24,395	114,205	173.89	191.58	170.53
1970	153,290	26,935	126,355	187.22	201.79	184.38
1971	158,295	27,985	130,310	188.27	199.45	186.03
1972	148,725	28,960	119,765	172.51	205.96	165.99
1973	169,010	29,630	139,380	191.57	208.05	188.40
1974	168,995	29,660	139,335	187.64	204.70	184.37
1975	174,685	30,790	143,895	190.52	209.26	186.94
1976	177,185	32,150	145,035	190.28	212.02	186.05
1977	181,335	34,080	147,255	192.07	210.48	188.26
1978	187,050	35,000	152,050	195.46	205.29	193.33
1979	200,775	37,000	163,775	207.03	210.76	206.20
1980	209,970	38,650	171,320	213.81	213.88	213.80
1981	218,070	39,955	178,115	219.18	215.73	219.97
1982	227,305	41,285	186,020	225.46	217.29	227.36
1983	236,915	43,005	193,910	232.23	221.68	234.71
1984	258,845	47,015	211,830	251.34	239.35	254.17
1985	264,533	48,015	216,518	254.35	239.43	257.91
1986	269,547	49,540	220,007	255.94	241.68	259.38
1987	269,798	50,187	219,611	251.44	234.43	255.68
1988	271,108	51,190	219,918	249.08	233.07	253.13
1989	267,491	49,898	217,593	239.12	219.77	248.12
1990	271,085	49,618	221,467	238.80	207.15	247.37

[1] Grain consumption data are on a trade weight (processed or milled) basis.

Sources: (21, p. 716), (22, pp. 592-593), (46, p. 51), and (23, pp. XI-158, XI-159).

Table 210--Urban and rural pork consumption, total and per capita, China, 1952–90[1]

Year	Total consumption			Per capita consumption		
	National	Urban	Rural	National	Urban	Rural
	1,000 tons			*Kilograms per person*		
1952	3,355	620	2,735	5.92	8.92	5.50
1953	3,515	745	2,770	6.06	10.10	5.47
1954	3,570	815	2,755	6.01	10.15	5.36
1955	3,000	810	2,190	4.94	9.65	4.19
1956	2,890	790	2,100	4.66	8.38	4.00
1957	3,230	900	2,330	5.08	8.98	4.35
1958	3,405	935	2,470	5.23	8.03	4.61
1959	2,040	650	1,390	3.08	4.99	2.61
1960	1,015	375	640	1.53	2.71	1.22
1961	930	225	705	1.41	1.75	1.33
1962	1,475	440	1,035	2.22	3.79	1.89
1963	2,910	930	1,980	4.27	8.28	3.49
1964	3,915	1,265	2,650	5.62	10.80	4.57
1965	4,520	1,270	3,250	6.29	10.37	5.45
1966	5,195	1,540	3,655	7.04	12.88	5.92
1967	5,200	1,480	3,720	6.89	11.91	5.90
1968	5,090	1,465	3,625	6.57	11.67	5.58
1969	4,705	1,340	3,365	5.91	10.53	5.03
1970	4,925	1,435	3,490	6.02	10.75	5.20
1971	5,905	1,570	4,335	7.03	11.19	6.19
1972	6,515	1,760	4,755	7.56	12.52	6.59
1973	6,730	1,920	4,810	7.63	13.48	6.50
1974	6,905	2,075	4,830	7.67	14.32	6.39
1975	6,990	2,195	4,795	7.63	14.92	6.23
1976	6,870	2,100	4,770	7.38	13.85	6.12
1977	6,840	2,085	4,755	7.25	12.88	6.08
1978	7,340	2,335	5,005	7.67	13.70	6.37
1979	9,370	3,055	6,315	9.66	17.40	7.95
1980	10,955	3,430	7,525	11.16	18.98	9.39
1981	11,020	3,145	7,875	11.06	16.98	9.73
1982	11,850	3,335	8,515	11.76	17.56	10.41
1983	12,595	3,500	9,095	12.35	18.04	11.01
1984	13,405	3,675	9,730	13.02	18.71	11.67
1985	14,548	3,953	10,595	13.99	19.71	12.62
1986	15,173	4,188	10,985	14.41	20.43	12.95
1987	15,597	4,504	11,093	14.54	21.04	12.91
1988	16,224	4,664	11,560	14.91	21.24	13.31
1989	17,177	5,130	12,047	15.36	22.59	13.74
1990	18,891	5,895	12,996	16.64	24.61	14.51

[1] Pork consumption excludes offal but includes bone.

Sources: (21, p. 718), (22, pp. 592–593), (46, p. 53), and (23, pp. XI–158, XI–159).

Table 211--Urban and rural sugar consumption, total and per capita, China, 1952-90

Year	Total consumption			Per capita consumption		
	National	Urban	Rural	National	Urban	Rural
	1,000 tons			*Kilograms per person*		
1952	516	208	308	0.91	3.00	0.62
1953	678	247	431	1.17	3.35	0.85
1954	719	268	451	1.21	3.34	0.88
1955	782	298	484	1.29	3.56	0.93
1956	924	350	574	1.49	3.71	1.09
1957	959	363	596	1.51	3.63	1.11
1958	1,056	528	528	1.62	4.53	0.99
1959	1,014	477	537	1.53	3.67	1.01
1960	694	358	336	1.05	2.59	0.64
1961	1,177	576	601	1.79	4.44	1.14
1962	1,060	408	652	1.60	3.52	1.19
1963	920	361	559	1.35	3.21	0.99
1964	1,026	419	607	1.47	3.59	1.05
1965	1,207	434	773	1.68	3.54	1.30
1966	1,447	455	992	1.96	3.81	1.61
1967	1,708	494	1,214	2.26	3.96	1.93
1968	1,835	552	1,283	2.37	4.40	1.98
1969	2,003	591	1,412	2.52	4.64	2.11
1970	1,683	579	1,104	2.06	4.34	1.61
1971	1,767	646	1,121	2.10	4.61	1.60
1972	1,835	668	1,167	2.13	4.75	1.62
1973	1,992	783	1,209	2.26	5.50	1.64
1974	2,114	822	1,292	2.35	5.68	1.71
1975	2,072	832	1,240	2.26	5.66	1.61
1976	2,165	788	1,377	2.33	5.20	1.77
1977	2,758	1,213	1,545	2.92	7.49	1.98
1978	3,272	1,389	1,883	3.42	8.15	2.40
1979	3,450	1,490	1,960	3.56	8.49	2.47
1980	3,760	1,615	2,145	3.83	8.94	2.68
1981	4,072	1,690	2,382	4.10	9.13	2.94
1982	4,450	1,810	2,640	4.42	9.53	3.23
1983	4,559	1,850	2,709	4.47	9.54	3.28
1984	5,025	2,058	2,967	4.88	10.48	3.56
1985	5,855	2,357	3,498	5.63	11.75	4.17
1986	6,445	2,498	3,947	6.12	12.19	4.65
1987	7,148	2,740	4,408	6.66	12.80	5.13
1988	6,799	2,787	4,012	6.25	12.69	4.62
1989	5,508	2,193	3,315	4.92	9.66	3.78
1990	5,649	2,281	3,368	4.98	9.52	3.76

Sources: (21, p. 720), (22, pp. 592-593), (46, p. 55), and (23, pp. XI-158, XI-159).

Table 212--Cigarettes: Peasant per capita consumption, by province, China, 1982-90

Province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Boxes[1]				
Northeast:									
Heilongjiang	4.1	5.5	6.0	8.2	8.3	9.1	9.7	11.4	14.3
Liaoning	5.5	7.2	8.0	10.7	11.9	13.7	16.4	19.5	21.2
Jilin	3.1	3.7	5.4	6.6	7.4	9.0	10.3	12.4	14.2
North:									
Shandong	25.9	27.9	31.7	31.4	32.7	34.2	34.3	34.7	35.5
Hebei	13.6	16.4	19.3	20.5	22.3	23.6	23.1	24.9	24.2
Beijing	17.8	18.0	22.4	27.7	36.2	38.8	41.5	41.1	41.8
Tianjin	17.0	20.5	23.7	25.3	24.7	30.1	29.8	24.7	32.6
Henan	23.0	34.0	28.2	30.1	37.5	33.0	32.2	33.7	33.8
Shanxi	19.4	26.5	29.5	29.3	32.1	30.7	30.5	33.5	35.3
Northwest:									
Shaanxi	13.3	16.6	17.8	21.6	24.3	26.0	27.5	28.1	28.7
Gansu	7.3	8.7	9.6	10.3	12.0	13.2	12.8	13.6	13.3
Nei Monggol	11.0	11.5	10.3	12.9	14.1	13.5	14.6	16.5	17.4
Ningxia	14.8	13.0	14.3	16.2	18.3	17.6	17.6	18.0	17.7
Xinjiang	2.2	1.6	1.6	3.4	3.3	4.1	4.2	4.2	4.3
Qinghai	9.2	7.3	7.6	11.0	6.4	13.1	12.9	13.7	12.1
East:									
Zhejiang	34.0	37.9	39.7	42.5	47.0	46.4	44.7	44.3	50.4
Jiangsu	26.8	29.9	30.3	33.7	37.4	37.7	36.8	38.4	36.4
Shanghai	50.2	53.7	59.9	65.4	71.1	69.4	62.5	59.2	58.6
Anhui	36.8	30.0	29.2	28.6	30.9	32.3	32.7	33.6	33.6
Central:									
Hubei	32.7	34.9	36.0	37.7	39.3	37.9	37.0	36.5	37.8
Hunan	24.6	27.1	29.6	30.8	33.5	35.4	34.2	35.1	34.0
Jiangxi	18.5	22.2	23.8	27.0	28.5	29.2	29.5	31.0	31.0
South:									
Guangdong	19.2	13.8	16.5	20.3	20.2	20.8	20.8	22.0	22.2
Guangxi	9.7	13.5	15.6	15.5	15.1	14.9	14.1	13.6	13.7
Fujian	19.2	22.3	24.3	24.2	27.7	27.4	27.6	28.4	30.5
Hainan[2]	na	na	na	na	na	na	20.4	19.3	20.5
Southwest:									
Sichuan	16.3	19.7	21.8	23.8	26.0	27.2	28.0	28.7	29.2
Guizhou	14.5	15.1	16.3	19.9	21.7	23.4	23.8	25.3	25.4
Yunnan	7.8	13.0	17.2	16.9	19.7	21.8	24.0	25.2	25.5
Xizang	na	na	na	6.2	7.4	6.2	6.5	9.0	8.3
National	18.9	19.9	21.7	23.7	26.0	26.4	26.4	27.4	28.0

[1] One box (or pack) contains 20 cigarettes.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 206), (8, p. 298), (10, p. 421), (11, p. 476), (12, p. 436), and (13, p. 454).

Table 213--Tea: Peasant per capita consumption, by province, China, 1982-90

Province	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms				
Northeast:									
Heilongjiang	0.06	0.05	0.06	0.03	0.02	0.03	0.03	0.03	0.03
Liaoning	0.05	0.11	0.11	0.12	0.08	0.09	0.09	0.10	0.11
Jilin	0.08	0.05	0.05	0.07	0.06	0.08	0.13	0.13	0.06
North:									
Shandong	0.25	0.24	0.27	0.25	0.25	0.31	0.32	0.30	0.31
Hebei	0.07	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.07
Beijing	0.68	0.31	0.37	0.28	0.37	0.92	0.46	0.53	0.51
Tianjin	0.10	0.09	0.08	0.09	0.10	0.16	0.15	0.10	0.15
Henan	0.42	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03
Shanxi	0.11	0.12	0.13	0.09	0.10	0.12	0.26	0.12	0.11
Northwest:									
Shaanxi	0.22	0.37	0.24	0.20	0.23	0.34	0.24	0.23	0.19
Gansu	0.48	0.33	0.38	0.34	0.37	0.43	0.38	0.39	0.39
Nei Monggol	0.21	0.26	0.26	0.28	0.29	0.31	0.31	0.32	0.27
Ningxia	0.38	0.30	0.35	0.31	0.33	0.32	0.29	0.29	0.30
Xinjiang	1.42	1.00	0.79	0.63	0.65	0.62	0.66	0.62	0.60
Qinghai	1.14	1.73	1.65	1.84	1.79	1.79	2.04	1.44	1.30
East:									
Zhejiang	0.23	0.23	0.24	0.25	0.23	0.27	0.24	0.22	0.17
Jiangsu	0.05	0.05	0.05	0.06	0.07	0.07	0.07	0.06	0.03
Shanghai	0.16	0.19	0.24	0.16	0.19	0.22	0.16	0.08	0.93
Anhui	0.24	0.21	0.22	0.21	0.17	0.23	0.22	0.23	0.22
Central:									
Hubei	0.17	0.18	0.27	0.19	0.17	0.21	0.20	0.20	0.18
Hunan	0.27	0.26	0.33	0.30	0.27	0.28	0.25	0.24	0.23
Jiangxi	0.17	0.17	0.20	0.15	0.15	0.61	0.16	0.17	0.16
South:									
Guangdong	0.25	0.32	0.32	0.32	0.34	0.41	0.51	0.53	0.52
Guangxi	0.02	0.02	0.02	0.21	0.02	0.02	0.02	0.02	0.02
Fujian	0.28	0.27	0.32	0.39	0.41	0.39	0.45	0.48	0.61
Hainan[1]	na	na	na	na	na	na	0.10	0.10	0.11
Southwest:									
Sichuan	0.17	0.15	0.15	0.15	0.20	0.19	0.17	0.18	0.21
Guizhou	0.23	0.20	0.24	0.21	0.23	0.28	0.26	0.26	0.21
Yunnan	0.28	0.39	0.48	0.38	0.36	0.53	0.40	0.44	0.46
Xizang	na	na	na	4.07	6.09	3.51	3.20	3.73	4.28
National	0.22	0.22	0.22	0.24	0.27	0.29	0.26	0.26	0.27

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (1, p. 378), (10, p. 421), (11, p. 476), (12, p. 436), (13, p. 454), and (30, p. 298).

Table 214--Alcohol: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	1.79	2.13	2.94	2.99	4.13	4.96	5.85	5.84	6.75	7.41
Liaoning	1.87	2.33	2.88	3.26	3.72	4.61	4.75	5.17	5.80	5.87
Jilin	1.75	2.60	2.77	3.22	4.50	4.76	5.55	6.74	6.83	6.36
North:										
Shandong	2.26	2.85	3.13	3.48	4.19	4.69	5.26	5.60	5.65	6.10
Hebei	0.90	1.08	1.22	1.41	1.78	2.19	2.48	2.63	2.78	2.89
Beijing	2.48	3.92	4.67	5.36	5.39	6.50	8.28	9.34	9.45	10.06
Tianjin	1.57	2.24	2.51	2.53	2.67	3.00	4.37	4.55	4.69	5.12
Henan	0.67	0.90	0.91	1.11	1.37	1.68	1.90	1.95	2.03	2.27
Shanxi	0.46	0.59	0.73	0.83	1.16	1.37	1.49	1.77	1.63	1.50
Northwest:										
Shaanxi	1.11	1.96	1.76	1.79	1.58	1.63	2.02	2.11	1.95	1.91
Gansu	0.58	0.44	0.60	0.75	1.03	1.00	1.13	1.06	1.19	0.96
Nei Monggol	1.19	1.46	1.67	2.30	3.32	3.60	3.84	4.08	4.57	4.70
Ningxia	0.32	0.40	0.38	0.42	0.65	0.74	0.82	0.79	0.90	0.83
Xinjiang	0.46	0.79	0.60	0.80	0.78	0.85	0.97	1.00	0.97	1.04
Qinghai	na	0.97	0.97	1.05	1.60	1.55	1.76	1.94	1.79	1.49
East:										
Zhejiang	6.44	8.26	12.72	15.04	17.08	21.32	22.00	23.06	21.97	20.71
Jiangsu	2.16	2.80	4.26	4.74	5.86	7.00	7.95	8.25	7.27	7.06
Shanghai	5.15	5.49	6.77	9.20	11.83	14.83	15.92	14.82	13.61	12.71
Anhui	1.56	2.63	2.47	2.34	2.91	3.29	3.75	3.83	3.96	4.15
Central:										
Hubei	1.81	2.98	3.60	4.05	4.51	4.97	5.30	5.33	5.13	5.02
Hunan	3.61	4.52	5.16	5.54	5.90	5.86	6.61	6.17	6.43	5.87
Jiangxi	1.37	3.70	4.50	3.98	3.34	3.80	4.58	4.97	5.04	5.15
South:										
Guangdong	1.54	2.05	3.29	2.67	3.40	3.77	4.37	3.97	4.75	5.10
Guangxi	2.40	3.60	4.34	4.98	5.38	5.82	6.00	6.26	6.22	6.46
Fujian	4.74	5.83	6.29	7.15	7.49	7.74	7.90	8.83	8.80	9.85
Hainan[1]	na	na	na	na	na	na	na	5.85	5.83	6.15
Southwest:										
Sichuan	1.95	2.91	3.19	3.49	3.67	4.04	4.12	4.20	4.17	4.18
Guizhou	2.60	4.92	4.32	5.02	4.82	5.03	5.22	4.80	4.76	4.61
Yunnan	1.73	2.90	3.74	4.54	3.70	4.25	4.07	4.48	4.65	4.48
Xizang	na	na	na	na	34.40	38.64	53.69	83.53	81.85	103.92
National	1.89	2.73	3.20	3.48	4.37	4.96	5.48	5.93	5.95	6.14

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (5, p. 148), (10, p. 421), (11, p. 476), (30, p. 681), (34, p. 319), (35, p. 301), and (39, p. 216).

Table 215--Chemical fiber cloth: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1983	1984	1985	1986	1987	1988	1989	1990
					Meters				
Northeast:									
Heilongjiang	1.40	1.77	2.13	2.16	2.84	1.67	1.75	1.58	1.41
Liaoning	1.45	2.82	3.11	2.94	2.54	2.27	2.11	1.98	1.75
Jilin	0.56	1.95	2.20	2.35	2.50	2.37	1.83	1.68	1.56
North:									
Shandong	1.51	3.29	3.21	3.05	2.56	2.32	2.22	2.06	2.09
Hebei	1.13	2.65	2.70	2.80	2.45	2.18	2.09	1.89	1.68
Beijing	1.29	3.19	3.42	3.29	3.33	3.55	2.67	2.15	1.94
Tianjin	1.12	2.97	3.09	3.44	2.60	2.33	2.41	1.91	2.14
Henan	1.10	2.29	2.83	2.47	2.10	2.04	2.00	1.86	1.74
Shanxi	1.00	2.22	2.50	2.80	2.61	2.35	2.45	2.16	2.13
Northwest:									
Shaanxi	0.81	2.09	2.16	2.55	2.91	2.38	2.32	2.10	1.88
Gansu	0.57	1.57	1.91	1.95	1.71	1.56	1.55	1.34	1.15
Nei Monggol	0.79	2.02	2.03	2.16	2.37	2.14	1.84	1.57	1.49
Ningxia	0.54	2.25	2.18	2.43	2.46	2.51	1.96	1.79	1.58
Xinjiang	1.18	2.55	2.37	1.77	1.77	1.98	1.92	1.72	1.75
Qinghai	na	1.69	2.05	2.47	2.94	2.80	2.86	1.99	2.15
East:									
Zhejiang	1.52	3.43	3.24	3.12	3.42	2.78	2.67	2.27	2.12
Jiangsu	1.30	3.48	3.65	3.35	3.81	3.43	2.98	2.76	2.11
Shanghai	2.57	4.00	4.12	4.40	4.30	3.72	4.11	3.26	3.29
Anhui	0.91	2.98	2.75	2.78	2.67	2.54	2.17	1.96	1.72
Central:									
Hubei	1.13	3.19	3.14	3.10	2.99	2.47	2.18	1.83	1.79
Hunan	0.94	2.30	2.45	3.00	3.08	2.76	2.33	2.00	1.77
Jiangxi	0.82	2.29	2.57	2.54	2.82	2.80	2.64	2.40	2.14
South:									
Guangdong	0.80	1.62	1.69	1.83	2.04	2.31	2.45	2.16	1.89
Guangxi	0.51	1.59	1.54	1.58	1.54	1.67	1.68	1.62	1.53
Fujian	0.73	2.03	2.20	2.46	2.46	2.44	2.39	2.00	1.53
Hainan[1]	na	na	na	na	na	na	2.38	2.28	1.96
Southwest:									
Sichuan	0.61	2.10	2.34	2.25	2.11	1.85	1.79	1.55	1.43
Guizhou	0.26	1.24	1.28	1.72	1.60	1.85	1.74	1.44	1.38
Yunnan	0.28	1.81	2.13	1.73	1.58	1.81	1.74	1.57	1.42
Xizang	na	na	na	0.52	0.41	0.38	0.71	0.55	0.74
National	0.94	2.34	2.48	2.50	2.53	2.28	2.14	1.90	1.74

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 682), (31, p. 706), (32, p. 831), (33, p. 751), (34, p. 320), (35, p. 302), and (39, p. 217).

Table 216--Cotton cloth: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1983	1984	1985	1986	1987	1988	1989	1990
					Meters				
Northeast:									
Heilongjiang	4.94	3.43	2.62	1.72	2.12	1.24	1.22	0.86	0.80
Liaoning	4.69	4.97	3.12	2.78	2.25	1.71	2.15	1.54	1.17
Jilin	5.61	3.75	2.87	2.67	2.36	2.10	1.61	1.04	0.71
North:									
Shandong	4.70	3.77	3.87	3.54	2.86	2.34	2.13	1.51	1.38
Hebei	4.73	4.05	3.67	3.09	2.51	2.28	2.59	1.70	1.40
Beijing	5.21	5.73	3.02	2.47	2.04	2.19	2.21	1.26	1.15
Tianjin	4.99	4.59	3.02	2.79	2.54	2.09	3.37	1.34	2.41
Henan	3.94	2.76	2.92	2.67	1.84	1.60	1.58	1.28	1.03
Shanxi	6.01	4.10	3.40	4.94	2.46	2.36	2.20	1.67	1.64
Northwest:									
Shaanxi	5.14	3.13	3.33	3.03	2.76	1.98	2.09	1.32	1.03
Gansu	5.10	3.72	3.47	2.95	2.94	1.75	1.45	1.05	0.85
Nei Monggol	5.11	4.03	3.20	2.99	2.45	2.15	2.16	1.23	1.07
Ningxia	4.36	3.29	3.98	2.30	2.31	1.69	1.66	1.13	0.94
Xinjiang	6.45	4.32	3.67	2.93	2.57	2.50	2.42	1.89	1.64
Qinghai	na	4.81	4.63	3.21	3.25	2.30	2.43	1.60	1.28
East:									
Zhejiang	3.76	3.33	2.34	2.07	1.64	1.29	1.23	0.86	0.60
Jiangsu	4.31	3.60	2.50	2.00	1.69	1.38	1.43	1.19	0.93
Shanghai	3.39	4.00	2.39	1.91	1.36	1.41	2.51	1.04	1.23
Anhui	4.77	2.96	2.38	2.64	1.62	1.34	1.10	0.89	0.79
Central:									
Hubei	3.66	2.52	2.33	1.77	1.26	0.97	0.83	0.78	0.60
Hunan	4.09	2.48	2.62	2.58	1.82	1.32	1.11	0.74	0.57
Jiangxi	3.71	2.25	2.09	1.85	1.59	1.08	0.97	0.79	0.63
South:									
Guangdong	3.30	1.71	1.39	1.14	0.79	0.70	0.52	0.38	0.36
Guangxi	2.91	2.19	2.24	1.86	1.08	0.85	0.70	0.53	0.46
Fujian	3.75	1.95	1.61	1.20	0.93	0.73	0.58	0.47	0.61
Hainan[1]	na	na	na	na	na	na	1.03	0.78	0.63
Southwest:									
Sichuan	4.17	2.97	2.94	2.89	1.88	1.52	1.53	0.94	0.82
Guizhou	3.60	2.35	2.44	2.66	1.84	1.62	1.32	0.94	0.68
Yunnan	3.83	3.13	3.11	2.74	1.52	1.38	1.17	0.81	0.77
Xizang	na	na	na	2.02	2.19	3.19	2.43	2.01	1.40
National	4.30	3.18	2.82	2.54	1.98	1.57	1.50	1.06	0.90

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (31, p. 706), (32, p. 831), (33, p. 751), (34, p. 320), (35, p. 302), and (39, p. 217).

Table 217--Edible oil: Peasant per capita consumption, by province, China, selected years, 1980--90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	5.19	4.45	7.05	5.71	5.59	5.95	6.57	6.68	6.71	8.14
Liaoning	3.15	3.86	3.68	4.34	5.45	5.60	5.48	5.82	6.10	6.29
Jilin	2.58	2.71	2.79	3.47	3.97	4.17	5.20	7.40	6.56	6.31
North:										
Shandong	2.62	3.57	3.60	4.90	4.69	4.36	4.88	4.93	5.07	5.41
Hebei	1.75	1.96	2.52	3.18	3.46	3.02	3.79	3.75	3.92	4.19
Beijing	2.57	4.16	4.73	5.04	5.01	5.57	6.17	6.73	6.36	7.18
Tianjin	2.16	2.92	3.66	4.13	5.21	5.25	6.13	6.54	6.21	6.82
Henan	1.50	1.99	2.09	2.49	2.46	2.35	2.91	2.85	3.03	3.17
Shanxi	1.22	2.19	2.31	2.37	3.03	3.01	3.17	3.28	3.41	3.78
Northwest:										
Shaanxi	1.84	2.25	2.75	2.73	3.12	3.19	3.69	3.75	3.73	4.24
Gansu	3.04	2.61	1.92	2.82	2.91	3.33	3.78	3.66	3.67	3.86
Nei Monggol	2.61	3.67	3.30	4.18	4.12	3.88	4.30	4.88	4.12	4.87
Ningxia	2.52	3.98	3.83	4.36	4.59	4.68	4.71	5.11	5.18	5.66
Xinjiang	3.48	3.70	4.17	4.55	5.61	6.04	8.40	8.36	7.20	7.87
Qinghai	na	4.03	5.25	6.44	5.68	5.35	6.26	5.93	6.17	6.45
East:										
Zhejiang	2.57	2.81	2.78	3.05	3.28	3.22	3.99	4.16	4.16	4.67
Jiangsu	2.72	4.08	4.22	4.90	4.71	4.87	5.87	6.36	6.40	7.04
Shanghai	3.93	4.62	4.85	4.95	4.94	5.22	6.03	8.51	7.34	7.92
Anhui	3.24	4.95	4.30	4.49	4.32	4.57	5.43	4.90	5.19	5.47
Central:										
Hubei	2.88	4.69	4.62	5.63	5.93	6.06	6.84	6.91	6.85	7.21
Hunan	4.43	5.47	5.32	6.10	6.24	6.21	6.55	6.06	6.73	6.93
Jiangxi	3.00	4.09	4.35	4.55	4.93	4.75	5.69	5.68	5.67	6.32
South:										
Guangdong	2.39	3.13	3.07	3.79	3.15	3.23	3.96	4.69	4.76	4.86
Guangxi	2.12	3.09	3.03	3.50	3.47	3.98	3.93	4.05	4.28	4.57
Fujian	1.66	2.24	2.22	2.77	2.72	3.32	3.58	3.44	3.59	3.88
Hainan[2]	na	na	na	na	na	na	na	1.11	2.44	1.70
Southwest:										
Sichuan	2.67	3.20	3.22	3.60	3.46	3.83	3.95	3.94	3.80	3.98
Guizhou	2.50	3.12	3.54	3.40	3.42	3.67	4.08	3.85	3.88	4.39
Yunnan	1.65	2.22	2.58	2.85	3.06	3.17	3.32	3.40	3.66	4.02
Xizang	na	na	na	na	2.71	4.12	3.11	2.77	3.19	3.84
National	2.49	3.43	3.43	3.97	4.04	4.19	4.69	4.76	4.81	5.17

[1] Per capita edible oilseed consumption includes both edible plant and animal oils (oils from peanut, rapeseed, soybean, sunflower seed, sesame seed, rice bran, corn, some portion of cottonseed, as well as lard and some other minor edible animal oils). See *Zhongguo Nongye Nianjian, 1983 (China Agriculture Yearbook, 1983)*, p. 147 for an example, by province, of the two different categories of oil (1982 data). See also *Zhongguo Nongcun Tongji Nianjian, 1985 (China Rural Statistical Yearbook, 1985)*, p. 213, for 1980, 1983, and 1984 statistics, by province, for edible plant oil.

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 204), (10, p. 419), (11, p. 475), (30, p. 679), (34, p. 319), and (35, p. 301).

Table 218--Eggs: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	1.91	2.30	3.35	2.32	2.49	2.78	2.81	2.58	3.03	3.43
Liaoning	1.95	2.92	3.09	3.41	4.20	4.22	3.60	3.56	4.05	3.92
Jilin	1.32	2.51	3.27	3.87	4.45	5.09	4.55	5.71	5.22	5.26
North:										
Shandong	1.24	2.19	2.04	2.41	3.76	3.48	3.92	3.58	3.69	3.66
Hebei	0.86	1.15	1.57	1.66	1.71	1.83	2.18	2.20	2.24	2.23
Beijing	1.95	2.69	4.54	6.78	5.64	6.31	6.18	5.92	6.82	5.81
Tianjin	1.56	1.87	2.38	3.19	3.64	3.61	4.06	4.49	4.57	6.81
Henan	1.03	1.55	1.24	1.74	1.67	1.72	2.00	1.84	1.97	2.19
Shanxi	0.85	1.06	1.02	1.49	2.00	2.08	2.11	2.43	2.56	2.66
Northwest:										
Shaanxi	0.44	0.62	0.79	0.82	1.29	1.33	1.29	1.29	1.60	1.53
Gansu	0.63	0.41	0.74	0.87	0.82	0.89	0.98	0.97	1.00	1.02
Nei Monggol	1.25	1.33	1.44	1.52	1.95	2.07	2.21	2.38	2.54	2.50
Ningxia	0.39	0.66	0.59	0.82	1.22	1.48	1.67	1.69	1.35	1.19
Xinjiang	0.80	0.53	0.79	1.06	1.24	1.85	1.65	1.60	1.89	1.77
Qinghai	na	0.67	0.28	0.53	0.54	0.66	0.55	0.52	0.77	0.74
East:										
Zhejiang	0.98	2.41	2.40	2.53	3.09	2.93	3.06	2.99	3.11	2.76
Jiangsu	1.39	2.37	3.05	3.39	4.17	4.64	4.48	5.26	6.05	5.96
Shanghai	3.04	4.18	4.29	4.30	5.04	5.74	5.35	8.44	9.22	8.38
Anhui	1.62	1.71	1.76	1.77	1.64	1.70	1.82	1.84	1.84	1.96
Central:										
Hubei	1.10	1.90	1.74	2.04	2.46	2.48	2.65	2.53	2.67	2.64
Hunan	1.09	1.56	1.49	1.75	1.88	2.09	2.17	1.61	2.10	2.01
Jiangxi	1.03	1.24	1.35	1.50	1.73	1.63	1.85	1.96	1.80	1.95
South:										
Guangdong	0.79	0.90	0.95	1.16	1.16	1.32	1.35	0.67	1.74	1.73
Guangxi	0.33	0.46	0.60	0.69	0.65	0.75	0.64	0.64	0.70	0.74
Fujian	0.81	1.13	1.08	1.26	1.24	1.64	1.44	1.68	1.77	1.31
Hainan[2]	na	na	na	na	na	na	na	1.95	0.59	0.55
Southwest:										
Sichuan	0.96	1.33	1.32	2.02	1.90	1.97	2.17	1.98	2.04	2.05
Guizhou	0.53	0.56	0.56	0.63	0.66	0.69	0.79	0.71	0.70	0.66
Yunnan	0.55	0.73	0.94	1.28	1.11	1.18	1.21	1.24	1.28	1.36
Xizang	na	na	na	na	0.39	0.50	0.47	0.45	0.46	0.54
National	1.20	1.43	1.57	1.84	2.05	2.08	2.25	2.28	2.41	2.41

[1] Fresh egg consumption includes both chicken and duck eggs (in shell). It may also include other minor eggs (such as goose and pigeon).

[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (5, p. 148), (8, p. 297), (10, p. 420), (11, p. 475), (34, p. 319), (35, p. 301), and (39, p. 215).

Table 219--Fine grain: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	58.4	104.1	90.9	117.6	140.9	194.6	170.7	173.6	184.3	178.8
Liaoning	50.6	57.2	67.2	85.0	104.0	109.0	113.8	117.6	140.9	131.7
Jilin	64.9	53.9	57.4	68.3	111.3	115.6	129.6	145.8	141.4	141.6
North:										
Shandong	80.4	82.1	131.1	163.8	174.4	182.0	180.7	177.4	182.2	182.1
Hebei	68.2	70.4	91.4	113.8	141.2	149.4	149.9	150.0	163.5	160.9
Beijing	134.9	176.3	171.4	176.8	176.3	176.1	172.1	188.9	198.0	192.1
Tianjin	151.1	130.0	144.4	164.8	186.5	186.7	183.4	169.0	186.9	202.6
Henan	123.0	161.3	180.9	198.0	208.5	197.9	208.8	207.3	210.7	222.9
Shanxi	48.4	75.4	97.3	114.6	118.0	119.2	122.2	117.4	120.4	116.7
Northwest:										
Shaanxi	90.5	146.1	150.1	130.2	180.5	164.0	168.3	165.8	171.2	173.9
Gansu	120.1	153.9	175.0	189.8	199.3	199.4	202.1	193.9	197.5	205.8
Nei Monggol	75.3	86.7	87.7	104.3	85.1	87.0	91.4	98.8	96.6	107.2
Ningxia	180.5	196.1	193.4	203.9	235.9	233.0	234.4	222.3	229.8	224.3
Xinjiang	126.2	143.0	151.5	166.2	180.1	190.7	198.5	204.6	208.5	214.8
Qinghai	na	171.8	165.9	182.8	173.8	178.3	172.8	181.7	205.0	176.5
East:										
Zhejiang	271.8	267.3	275.6	304.1	280.9	288.5	281.6	278.7	278.8	258.4
Jiangsu	242.6	252.1	260.4	276.9	267.1	262.9	268.4	267.2	270.1	255.7
Shanghai	238.5	266.0	270.7	261.7	254.7	259.6	247.7	271.3	248.4	232.4
Anhui	229.4	270.5	262.8	265.6	262.4	267.5	270.8	274.2	278.4	279.0
Central:										
Hubei	227.0	269.6	265.7	284.6	271.9	267.1	272.5	276.5	273.1	278.3
Hunan	304.3	304.6	314.7	309.3	320.5	313.0	310.0	305.1	306.9	309.3
Jiangxi	296.5	312.4	319.4	329.1	319.3	319.2	323.9	323.1	313.9	323.3
South:										
Guangdong	266.9	261.3	257.3	261.2	245.1	245.0	238.9	233.6	243.1	249.2
Guangxi	234.7	235.5	243.3	252.9	230.8	228.4	225.9	220.2	215.3	221.4
Fujian	265.7	268.9	270.7	284.6	241.2	236.9	222.7	216.4	207.8	227.3
Hainan[2]	na	na	na	na	na	na	na	217.5	225.6	212.6
Southwest:										
Sichuan	184.0	202.3	220.8	232.7	223.3	226.6	228.4	228.8	226.5	230.0
Guizhou	149.2	164.4	163.6	186.5	162.3	165.8	163.5	167.0	167.6	174.9
Yunnan	131.7	156.7	179.6	188.0	171.5	172.7	179.7	173.3	169.3	177.6
Xizang	na	na	na	na	55.9	45.7	49.5	51.1	57.2	64.2
National	163.0	191.8	196.3	209.1	208.8	212.2	211.4	210.7	213.5	215.0

[1] Grain consumption data are on a trade weight (processed or milled) basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 204), (7, p. 148), (8, p. 296), (10, p. 419), (11, p. 474), (12, p. 435), (13, p. 453), and (39, p. 212).

Table 220--Grain: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	253.9	250.5	236.9	267.6	258.6	283.5	280.0	289.8	295.7	271.1
Liaoning	259.7	241.8	248.2	260.2	242.7	238.4	245.9	248.1	255.0	271.9
Jilin	299.3	277.6	282.8	323.4	286.9	288.1	292.5	309.4	304.6	287.2
North:										
Shandong	229.4	216.3	223.0	231.5	221.1	221.5	225.4	226.2	229.3	226.3
Hebei	226.2	206.4	217.0	217.0	214.5	221.5	225.6	221.2	229.7	231.1
Beijing	250.1	256.1	237.7	229.2	213.7	209.9	216.3	221.5	220.6	213.3
Tianjin	238.4	218.3	224.7	220.8	223.0	220.9	223.0	226.3	228.7	237.7
Henan	221.6	227.4	240.9	239.3	236.9	240.6	241.4	240.4	250.5	254.0
Shanxi	241.9	237.0	219.4	233.5	223.2	219.3	218.9	219.6	226.5	223.9
Northwest:										
Shaanxi	205.9	246.6	251.9	257.9	256.5	237.0	242.3	241.1	247.6	245.5
Gansu	238.3	223.3	230.1	237.5	244.2	236.6	241.1	232.6	239.4	244.3
Nei Monggol	253.1	247.4	246.7	257.9	266.2	261.4	267.4	276.7	276.6	287.7
Ningxia	225.9	250.6	246.9	241.7	274.3	261.0	260.0	246.1	257.2	255.9
Xinjiang	211.5	215.8	205.3	217.9	216.6	223.3	229.5	229.2	241.3	245.5
Qinghai	na	249.0	222.4	234.9	226.1	226.5	230.0	236.7	252.3	246.2
East:										
Zhejiang	312.4	302.1	296.1	312.7	298.6	294.8	289.3	295.4	287.1	271.3
Jiangsu	295.3	298.8	306.3	311.0	291.2	290.2	288.5	291.2	287.4	275.9
Shanghai	296.9	276.8	270.7	279.8	263.8	270.4	267.4	275.2	254.7	236.5
Anhui	278.7	298.4	284.1	282.3	276.7	278.8	284.0	288.3	292.9	292.8
Central:										
Hubei	270.0	303.1	299.2	315.6	294.9	296.1	295.9	300.0	300.5	302.3
Hunan	334.4	317.4	327.2	328.1	326.1	319.8	317.1	312.5	310.3	314.1
Jiangxi	306.4	319.9	329.3	334.6	325.2	326.0	331.0	335.6	335.1	340.9
South:										
Guangdong	292.0	274.2	269.7	270.1	256.1	255.6	259.9	256.1	260.2	260.3
Guangxi	257.2	263.9	265.6	272.9	253.4	248.1	246.1	241.0	239.0	242.3
Fujian	291.9	284.2	295.4	302.3	261.8	256.5	257.1	261.8	265.4	268.6
Hainan[2]	na	na	na	na	na	na	na	312.5	249.8	242.5
Southwest:										
Sichuan	258.5	258.9	265.2	271.3	253.0	256.2	258.1	255.1	257.2	260.1
Guizhou	224.7	222.8	222.8	231.8	219.1	222.4	219.6	222.6	223.9	231.4
Yunnan	221.7	229.8	231.7	234.8	226.1	226.4	240.3	229.8	229.0	231.7
Xizang	na	na	na	na	199.6	na	176.2	174.2	167.5	198.0
National	257.2	260.0	260.0	266.5	257.5	259.3	259.0	259.5	262.3	262.0

[1] Grain consumption data are on a trade weight (processed or milled) basis.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 204), (8, p. 296), (10, p. 419), (11, p. 474), (34, p. 319), (35, p. 301), and (39, p. 212).

Table 221--Knitted goods: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1984	1985	1986	1987	1988	1989	1990
				Kilograms				
Northeast:								
Heilongjiang	0.07	0.02	0.03	0.02	0.02	0.02	0.04	0.07
Liaoning	0.07	0.03	0.04	0.03	0.03	0.06	0.08	0.09
Jilin	0.02	0.03	0.04	0.03	0.04	0.08	0.08	0.09
North:								
Shandong	0.05	0.04	0.04	0.03	0.04	0.05	0.05	0.06
Hebei	0.03	0.03	0.03	0.02	0.02	0.04	0.04	0.05
Beijing	0.03	0.08	0.07	1.00	0.23	0.16	0.16	0.17
Tianjin	0.06	0.09	0.08	0.06	0.09	0.10	0.11	0.18
Henan	0.05	0.04	0.03	0.03	0.36	0.04	0.05	0.07
Shanxi	0.02	0.05	0.04	0.03	0.04	0.05	0.08	0.09
Northwest:								
Shaanxi	0.02	0.02	0.02	0.02	0.04	0.05	0.06	0.08
Gansu	0.07	0.04	0.04	0.04	0.04	0.05	0.04	0.05
Nei Monggol	0.03	0.03	0.02	0.02	0.03	0.04	0.04	0.07
Ningxia	0.05	0.03	0.04	0.04	0.05	0.06	0.06	0.08
Xinjiang	0.09	0.04	0.06	0.04	0.06	0.08	0.06	0.07
Qinghai	na	0.03	0.05	0.02	0.03	0.06	0.04	0.04
East:								
Zhejiang	0.11	0.11	0.11	0.07	0.13	0.16	0.15	0.18
Jiangsu	0.05	0.08	0.07	0.07	0.09	0.12	0.11	0.08
Shanghai	0.17	0.17	0.18	0.19	0.25	0.29	0.27	0.22
Anhui	0.05	0.05	0.05	0.05	0.06	0.07	0.07	0.08
Central:								
Hubei	0.05	0.05	0.04	0.04	0.05	0.06	0.06	0.08
Hunan	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.06
Jiangxi	0.09	0.06	0.06	0.05	0.07	0.08	0.08	0.08
South:								
Guangdong	0.04	0.02	0.03	0.02	0.03	0.02	0.02	0.02
Guangxi	0.03	0.03	0.02	0.01	0.01	0.02	0.01	0.02
Fujian	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.08
Hainan[1]	na	na	na	na	na	0.01	0.01	0.03
Southwest:								
Sichuan	0.03	0.04	0.05	0.04	0.04	0.05	0.05	0.05
Guizhou	0.04	0.04	0.03	0.03	0.04	0.04	0.05	0.05
Yunnan	0.01	0.04	0.03	0.02	0.04	0.04	0.05	0.09
Xizang	na	na	0.03	0.04	0.02	0.03	0.04	0.03
National	0.05	0.05	0.04	0.05	0.07	0.06	0.06	0.07

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 683), (31, p. 707), (32, p. 831), (33, p. 751), (34, p. 320), and (35, p. 302).

Table 222--Poultry: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Kilograms				
Northeast:										
Heilongjiang	0.35	0.32	0.47	0.57	0.45	0.56	0.59	0.69	0.72	0.82
Liaoning	0.29	0.30	0.28	0.21	0.38	0.44	0.41	0.54	0.62	0.54
Jilin	0.45	0.72	0.40	0.49	0.47	0.55	0.67	0.83	0.77	0.61
North:										
Shandong	0.44	0.39	0.44	0.57	0.69	0.66	0.61	6.67	0.64	0.69
Hebei	0.08	0.09	0.12	0.10	0.17	0.17	0.20	0.26	0.28	0.23
Beijing	0.07	0.29	0.27	0.37	0.34	0.48	0.35	0.71	0.80	0.63
Tianjin	0.22	0.20	0.28	0.25	0.36	0.36	0.41	0.59	0.58	0.72
Henan	0.24	0.26	0.40	0.41	0.43	0.43	0.44	0.50	0.55	0.46
Shanxi	0.07	0.05	0.06	0.06	0.09	0.09	0.07	0.09	0.15	0.08
Northwest:										
Shaanxi	0.13	0.10	0.15	0.19	0.13	0.12	0.11	0.16	0.14	0.12
Gansu	0.12	0.08	0.06	0.10	0.12	0.17	0.17	0.16	0.18	0.15
Nei Monggol	0.15	0.12	0.13	0.24	0.31	0.30	0.30	0.34	0.45	0.36
Ningxia	0.22	0.19	0.27	0.19	0.24	0.45	0.42	0.35	0.38	0.29
Xinjiang	0.16	0.21	0.20	0.26	0.46	0.53	0.92	1.10	1.06	0.90
Qinghai	na	0.06	0.04	0.14	0.06	0.06	0.06	0.08	0.17	0.45
East:										
Zhejiang	1.00	1.41	1.03	1.12	1.53	1.93	2.00	2.21	2.27	2.34
Jiangsu	0.80	0.97	0.98	1.21	1.56	1.76	1.66	2.13	1.96	1.53
Shanghai	0.97	1.21	1.35	1.52	2.47	4.05	4.55	6.43	4.83	5.10
Anhui	2.00	1.49	1.58	1.72	1.81	2.14	1.91	2.32	2.12	1.92
Central:										
Hubei	0.60	0.63	0.78	0.88	1.04	1.05	1.15	1.17	1.20	1.20
Hunan	1.20	1.51	1.55	1.87	2.00	2.06	1.99	1.95	2.10	1.86
Jiangxi	1.09	0.91	1.01	1.13	1.23	1.28	1.32	1.31	1.33	1.31
South:										
Guangdong	2.15	2.65	3.01	3.60	3.41	3.45	3.72	3.98	4.06	4.43
Guangxi	1.83	1.98	2.23	2.35	2.40	2.72	2.26	2.37	2.69	2.89
Fujian	1.45	1.42	1.79	1.76	1.72	2.32	1.99	2.21	2.24	2.68
Hainan[2]	na	na	na	na	na	na	na	2.81	2.68	2.94
Southwest:										
Sichuan	0.52	0.65	0.66	0.89	0.71	0.87	0.93	0.87	0.93	0.87
Guizhou	0.38	0.45	0.43	0.43	0.49	0.55	0.63	0.57	0.57	0.61
Yunnan	0.68	0.89	1.18	1.31	1.28	1.29	1.42	1.40	1.63	1.78
Xizang	na	na	na	na	0.24	0.01	0.01	0.00	0.01	0.01
National	0.66	0.78	0.82	0.94	1.03	1.14	1.15	1.25	1.28	1.26

[1] Poultry consumption includes all types of poultry meat (such as chicken, duck, and goose).
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (5, p. 148), (6, p. 205), (8, p. 297), (10, p. 420), (11, p. 475), (30, p. 680), (34, p. 319), and (35, p. 301).

Table 223--Red meat: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	7.39	7.96	10.65	7.71	7.64	8.49	7.92	6.55	5.65	6.43
Liaoning	9.69	10.94	11.71	11.63	11.79	11.97	11.79	11.67	12.01	11.70
Jilin	8.90	10.70	11.08	12.45	10.39	11.25	11.60	11.10	10.83	10.67
North:										
Shandong	5.07	5.32	6.15	6.40	6.93	7.29	7.00	5.70	6.25	6.75
Hebei	4.54	5.24	6.24	6.50	5.87	6.48	6.78	5.41	5.92	6.37
Beijing	7.60	8.82	9.09	9.88	9.76	9.71	11.38	10.22	10.68	11.53
Tianjin	6.52	6.69	7.51	7.77	8.16	8.72	9.77	7.97	8.11	8.64
Henan	4.10	4.65	4.41	4.99	5.00	5.72	5.59	4.38	4.85	5.22
Shanxi	3.11	4.11	3.98	3.99	4.26	4.70	4.34	3.40	3.93	4.52
Northwest:										
Shaanxi	5.44	5.33	6.31	6.43	5.55	6.35	6.08	5.61	5.75	6.25
Gansu	8.84	7.62	4.76	5.97	6.24	7.70	7.82	7.36	7.41	8.30
Nei Monggol	10.36	13.50	13.84	14.55	14.47	14.74	15.34	14.11	14.66	16.54
Ningxia	3.68	7.09	6.87	6.98	7.16	8.01	8.78	7.52	7.18	9.02
Xinjiang	9.36	14.45	9.80	11.64	8.78	8.73	8.76	7.02	9.09	9.02
Qinghai	na	8.63	12.59	12.53	15.64	15.27	16.21	15.87	16.65	15.77
East:										
Zhejiang	7.63	11.28	12.04	12.55	16.53	14.30	13.21	12.56	12.33	12.76
Jiangsu	6.88	8.30	9.53	9.53	9.15	10.57	10.03	8.84	9.32	9.45
Shanghai	12.64	16.83	17.91	19.18	16.51	18.29	17.91	15.30	13.89	16.77
Anhui	3.27	18.12	8.02	7.66	8.14	8.79	8.70	7.51	8.04	7.90
Central:										
Hubei	8.89	8.91	11.91	12.70	14.93	15.88	15.99	15.96	16.11	15.89
Hunan	11.15	13.29	14.75	12.63	17.20	18.30	18.54	15.95	16.17	15.57
Jiangxi	6.53	7.86	9.48	9.61	10.16	12.77	13.31	12.39	11.99	12.00
South:										
Guangdong	6.55	9.55	11.42	12.52	12.60	13.95	14.99	14.41	15.19	15.43
Guangxi	6.43	8.48	10.45	11.48	11.93	11.64	11.75	10.09	9.91	10.75
Fujian	6.28	7.38	8.22	8.47	9.99	11.03	10.71	9.96	9.76	12.42
Hainan[2]	na	na	na	na	na	na	na	10.23	9.76	10.33
Southwest:										
Sichuan	13.32	14.95	16.18	17.33	17.60	19.19	18.30	18.28	19.65	19.47
Guizhou	9.97	12.33	12.79	13.68	16.58	16.39	17.03	15.56	15.68	15.66
Yunnan	8.10	10.49	12.93	15.13	14.38	16.00	15.27	15.64	15.76	16.44
Xizang	na	na	na	na	15.59	10.79	14.19	13.04	15.56	15.84
National	7.60	9.05	9.97	10.62	10.97	11.79	11.65	10.71	11.00	11.34

[1] Red meat consumption includes pork, beef, and mutton.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (5, pp. 147-148), (6, p. 205), (8, p. 297), (10, p. 420), (11, p. 475), (34, p. 319), (35, p. 301), and (39, p. 214).

Table 224--Seafood: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	0.48	0.59	1.46	1.68	1.26	1.14	1.10	1.33	1.31	1.41
Liaoning	1.69	1.71	1.53	1.88	1.96	2.16	1.97	1.78	2.37	2.35
Jilin	0.74	0.87	0.83	1.05	1.61	1.50	1.54	1.60	1.69	1.53
North:										
Shandong	0.98	1.13	1.25	1.27	0.93	1.01	1.00	0.91	0.97	1.00
Hebei	0.22	0.29	0.34	0.36	0.34	0.40	0.50	0.52	0.59	0.66
Beijing	0.76	1.16	1.09	1.21	0.77	1.41	1.39	1.40	1.74	1.93
Tianjin	2.35	2.94	3.55	3.53	2.58	3.67	4.29	4.06	4.07	4.76
Henan	0.28	0.22	0.23	0.26	0.27	0.24	0.22	0.22	0.26	0.22
Shanxi	0.02	0.05	0.03	0.07	0.03	0.03	0.06	0.06	0.06	0.04
Northwest:										
Shaanxi	0.03	0.01	0.02	0.02	0.01	0.03	0.01	0.02	0.02	0.02
Gansu	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Nei Monggol	0.12	0.13	0.16	0.22	0.14	0.10	0.16	0.16	0.18	0.36
Ningxia	0.70	0.05	0.03	0.05	0.07	0.08	0.16	0.18	0.19	0.26
Xinjiang	1.06	0.07	0.06	0.09	0.10	0.10	0.16	0.19	0.20	0.17
Qinghai	na	0.00	0.01	0.05	0.02	0.02	0.01	0.01	0.04	0.11
East:										
Zhejiang	4.91	5.74	5.64	5.33	6.15	7.27	7.16	6.77	7.92	10.08
Jiangsu	1.94	2.37	2.98	3.00	3.01	3.92	4.11	3.80	5.79	4.92
Shanghai	4.04	5.59	4.78	5.58	5.08	8.22	8.12	8.88	9.13	4.91
Anhui	1.31	1.59	1.52	1.51	1.05	1.19	1.44	1.51	1.45	1.50
Central:										
Hubei	1.73	2.05	2.35	2.72	2.15	2.51	2.84	2.80	2.79	2.94
Hunan	1.58	1.55	1.80	2.18	2.21	2.61	2.67	2.45	2.55	2.28
Jiangxi	1.51	1.65	1.98	1.91	1.66	2.03	2.12	2.25	2.11	2.02
South:										
Guangdong	4.22	6.16	7.96	8.88	8.44	9.09	9.72	9.21	8.97	9.50
Guangxi	0.58	0.85	1.31	1.37	1.54	1.68	1.56	1.28	1.46	1.45
Fujian	4.72	4.12	4.09	5.54	3.72	4.33	4.39	4.25	4.41	4.20
Hainan[1]	na	na	na	na	na	na	na	8.63	11.03	11.56
Southwest:										
Sichuan	0.16	0.19	0.20	0.25	0.18	0.26	0.29	0.27	0.31	0.34
Guizhou	0.20	0.27	0.30	0.32	0.20	0.18	0.19	0.12	0.10	0.13
Yunnan	0.17	0.27	0.39	0.37	0.52	0.60	0.62	0.51	0.62	0.61
Xizang	na	na	na	na	0.06	0.04	0.01	0.00	0.00	na
National	1.10	1.32	1.57	1.74	1.64	1.87	1.96	1.91	2.10	2.13

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 204), (8, p. 297), (10, p. 420), (11, p. 475), (30, p. 681), (34, p. 319), and (35, p. 301).

Table 225--Silk and satin fabrics: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1984	1985	1986	1987	1988	1989	1990
					Meters			
Northeast:								
Heilongjiang	0.03	0.05	0.06	0.05	0.04	0.05	0.02	0.04
Liaoning	0.02	0.03	0.08	0.06	0.07	0.08	0.07	0.07
Jilin	0.02	0.03	0.07	0.07	0.10	0.07	0.04	0.03
North:								
Shandong	0.04	0.04	0.06	0.03	0.04	0.03	0.03	0.04
Hebei	0.06	0.09	0.10	0.06	0.06	0.06	0.05	0.05
Beijing	0.10	0.10	0.12	0.09	0.12	0.08	0.07	0.08
Tianjin	0.05	0.13	0.17	0.14	0.12	0.13	0.04	0.05
Henan	0.07	0.07	0.07	0.05	0.05	0.04	0.03	0.03
Shanxi	0.08	0.13	0.17	0.09	0.12	0.12	0.10	0.10
Northwest:								
Shaanxi	0.09	0.36	0.11	0.09	0.09	0.11	0.10	0.10
Gansu	0.23	0.22	0.19	0.14	0.12	0.10	0.08	0.06
Nei Monggol	0.08	0.08	0.10	0.08	0.08	0.07	0.05	0.04
Ningxia	0.10	0.16	0.17	0.10	0.11	0.15	0.13	0.09
Xinjiang	0.77	0.20	0.48	0.35	0.39	0.36	0.32	0.39
Qinghai	na	0.35	0.29	0.19	0.25	0.23	0.17	0.16
East:								
Zhejiang	0.06	0.08	0.09	0.10	0.08	0.07	0.06	0.05
Jiangsu	0.04	0 08	0.07	0.06	0.04	0.04	0.04	0.05
Shanghai	0.02	0.32	0.34	0.39	0.37	1.32	0.33	0.33
Anhui	0.05	0.04	0.06	0.04	0.03	0.02	0.02	0.02
Central:								
Hubei	0.08	0.05	0.04	0.02	0.02	0.02	0.01	0.01
Hunan	0.13	0.02	0.02	0.04	0.02	0.02	0.01	0.01
Jiangxi	0.05	0.01	0.02	0.02	0.01	0.02	0.02	0.01
South:								
Guangdong	0.00	0.01	0.02	0.02	0.01	0.01	0.01	0.01
Guangxi	0.00	0.02	0.01	0.01	0.01	0.01	0.01	na
Fujian	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02
Hainan[1]	na	na	na	na	na	0.25	0.09	0.11
Southwest:								
Sichuan	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01
Guizhou	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.02
Yunnan	0.00	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Xizang	na	na	0.06	0.04	0.11	0.11	0.04	0.05
National	0.06	0.09	0.07	0.06	0.05	0.06	0.04	0.04

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 683), (31, p. 707), (32, p. 831), (33, p. 751), (34, p. 320), and (35, p. 302).

Table 226--Shoes: Peasant per capita consumption, by province, China, selected years, 1980-90[1]

Province	1980	1984	1985	1986	1987	1988	1989	1990
				Pairs				
Northeast:								
Heilongjiang	0.65	0.57	0.63	0.68	0.85	0.67	0.68	0.82
Liaoning	0.71	0.83	0.47	0.80	0.83	0.82	0.85	0.85
Jilin	0.71	0.79	0.77	0.96	1.01	1.00	0.92	0.91
North:								
Shandong	0.62	0.48	0.45	0.61	0.65	0.64	0.63	0.54
Hebei	0.31	0.30	0.30	0.41	0.44	0.44	0.43	0.47
Beijing	0.56	0.78	0.64	0.54	0.46	0.58	0.45	0.61
Tianjin	0.59	1.07	1.09	1.11	1.19	0.63	0.57	0.67
Henan	0.31	0.36	0.44	0.45	0.56	0.50	0.54	0.59
Shanxi	0.32	0.45	0.51	0.69	0.71	0.70	0.75	0.68
Northwest:								
Shaanxi	0.33	0.34	0.45	0.47	0.50	0.55	0.43	0.35
Gansu	0.33	0.32	0.41	0.50	0.59	0.51	0.50	0.45
Nei Monggol	0.36	0.39	0.34	0.42	0.48	0.52	0.42	0.43
Ningxia	0.28	0.30	0.52	0.66	0.58	0.55	0.38	0.40
Xinjiang	0.95	0.64	0.64	0.81	0.92	1.05	0.91	0.90
Qinghai	na	0.50	0.52	0.59	0.56	0.65	0.54	0.57
East:								
Zhejiang	0.51	0.88	1.05	1.01	0.99	1.05	0.99	1.12
Jiangsu	0.44	0.62	0.64	0.60	0.70	0.64	0.76	0.58
Shanghai	0.53	0.76	0.71	0.84	0.78	0.88	0.76	0.79
Anhui	0.47	0.48	0.47	0.55	0.59	0.50	0.56	0.52
Central:								
Hubei	0.63	0.72	0.61	0.70	0.66	0.74	0.80	0.76
Hunan	0.55	0.73	0.73	0.89	0.84	0.73	0.71	0.73
Jiangxi	0.89	0.66	0.76	0.83	0.87	0.89	0.92	0.93
South:								
Guangdong	0.59	0.63	0.39	0.66	0.70	0.75	0.77	0.78
Guangxi	0.52	0.56	0.37	0.54	0.37	0.40	0.38	0.37
Fujian	0.71	0.59	0.45	0.66	0.67	0.72	0.66	0.73
Hainan[2]	na	na	na	na	na	0.58	0.73	0.78
Southwest:								
Sichuan	0.50	0.64	0.55	0.69	0.71	0.76	0.74	0.68
Guizhou	0.61	0.69	0.72	0.84	0.90	0.92	0.93	0.97
Yunnan	0.36	0.54	0.47	0.49	0.66	0.76	0.69	0.72
Xizang	na	na	0.66	1.00	0.83	0.95	1.04	1.17
National	0.51	0.57	0.55	0.66	0.68	0.69	0.67	0.67

[1] Includes rubber, sports (athletic), and leather shoes.
[2] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 683), (31, p. 707), (32, p. 831), (33, p. 751), (34, p. 320), and (35, p. 302).

Table 227--Sugar: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
						Kilograms				
Northeast:										
Heilongjiang	0.72	0.82	1.04	0.94	0.83	0.85	0.97	0.70	0.79	1.01
Liaoning	0.55	0.62	0.56	0.61	0.58	0.60	0.61	0.53	0.62	0.59
Jilin	0.44	0.51	0.57	0.54	0.52	0.59	0.66	0.64	0.63	0.52
North:										
Shandong	0.59	0.81	0.80	0.90	1.01	1.20	1.36	1.16	1.05	1.27
Hebei	0.44	0.49	0.59	0.66	0.78	0.94	0.99	0.77	0.80	0.83
Beijing	0.98	1.40	1.67	1.80	1.55	1.81	2.49	1.90	2.17	2.00
Tianjin	1.24	1.36	1.38	1.31	1.45	1.29	1.49	1.14	1.44	1.25
Henan	0.67	0.77	0.82	0.87	1.02	1.27	1.51	1.11	1.29	1.46
Shanxi	0.44	0.57	0.62	0.72	1.01	1.26	1.32	0.89	1.11	1.23
Northwest:										
Shaanxi	0.39	0.51	0.59	0.58	0.74	0.87	0.98	0.63	0.75	0.83
Gansu	0.46	0.40	0.32	0.35	0.34	0.46	0.60	0.45	0.45	0.48
Nei Monggol	0.51	0.63	0.61	0.71	0.79	0.83	1.01	0.75	0.76	0.86
Ningxia	0.70	0.84	0.92	0.99	1.12	1.36	1.40	1.34	1.28	1.51
Xinjiang	1.06	0.83	0.66	0.67	0.89	0.80	1.00	0.96	0.73	0.63
Qinghai	na	0.18	0.33	0.55	0.71	0.69	0.80	0.68	0.68	0.64
East:										
Zhejiang	2.01	2.56	2.90	2.36	3.40	3.69	3.74	3.28	3.23	2.87
Jiangsu	1.06	1.29	1.61	1.83	1.79	2.22	2.43	1.74	1.96	1.87
Shanghai	2.94	3.26	3.89	3.93	3.50	4.10	3.51	3.30	3.65	3.59
Anhui	1.13	1.41	1.75	1.24	1.50	1.66	1.88	1.41	1.57	1.55
Central:										
Hubei	0.95	1.14	1.27	1.33	1.34	1.44	1.54	1.27	1.42	1.48
Hunan	1.03	1.26	1.29	1.44	1.65	1.78	1.68	1.36	1.42	1.49
Jiangxi	1.00	1.09	1.14	1.23	1.43	1.58	2.33	1.52	1.86	1.64
South:										
Guangdong	4.22	4.39	3.98	4.18	3.83	4.13	4.17	3.89	3.89	3.96
Guangxi	1.01	0.95	1.18	1.11	1.32	1.37	1.32	1.20	1.46	1.37
Fujian	2.25	2.64	3.21	2.74	3.45	3.31	3.04	3.09	3.42	3.02
Hainan[1]	na	na	na	na	na	na	na	2.62	2.50	2.09
Southwest:										
Sichuan	1.11	1.11	1.26	1.20	1.43	1.59	1.62	1.32	1.60	1.34
Guizhou	1.49	0.92	0.81	0.75	0.85	0.97	0.93	0.72	0.73	0.77
Yunnan	2.98	1.53	1.79	1.63	1.83	1.57	1.78	1.85	2.23	1.85
Xizang	na	na	na	na	1.06	1.02	1.14	0.93	0.95	1.15
National	1.06	1.19	1.26	1.30	1.46	1.59	1.70	1.41	1.54	1.50

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (1, p. 377), (30, p. 681), (31, p. 705), (32, p. 830), (33, p. 750), (34, p. 319), (35, p. 301), and (39, p. 216).

Table 228--Vegetables: Peasant per capita consumption, by province, China, selected years, 1980–90

Province	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Kilograms					
Northeast:										
Heilongjiang	144.8	146.1	193.0	172.6	157.6	185.5	169.1	173.7	158.9	147.1
Liaoning	224.9	214.4	203.8	212.6	188.8	178.6	173.9	180.6	182.1	183.0
Jilin	102.6	240.1	220.5	303.2	220.9	215.9	237.2	263.5	260.2	285.3
North:										
Shandong	116.2	118.2	119.9	149.9	125.2	129.8	122.2	106.2	120.1	123.6
Hebei	113.2	117.4	120.0	123.5	123.9	127.6	137.7	128.3	158.4	148.7
Beijing	182.4	215.2	200.8	223.9	180.5	183.7	185.5	184.1	198.8	176.3
Tianjin	97.8	92.1	95.5	94.2	110.3	106.1	121.9	109.6	127.2	109.4
Henan	75.1	109.6	83.6	86.8	78.2	74.7	79.7	73.1	82.2	85.0
Shanxi	85.0	91.4	96.2	102.8	92.6	93.8	97.7	98.3	99.3	99.9
Northwest:										
Shaanxi	69.7	68.3	69.5	69.4	65.8	69.0	70.9	74.2	71.8	90.0
Gansu	43.6	35.3	50.3	60.4	40.5	44.8	43.3	43.9	47.4	43.7
Nei Monggol	140.4	118.8	156.2	124.2	127.5	124.2	135.4	152.4	148.0	152.5
Ningxia	75.9	101.9	98.3	103.5	94.5	93.9	87.0	91.7	98.2	83.2
Xinjiang	72.5	79.2	77.4	92.5	100.3	111.2	124.3	134.9	132.6	121.6
Qinghai	na	76.5	36.0	52.9	49.3	49.2	49.6	53.3	48.5	54.4
East:										
Zhejiang	116.9	143.4	115.5	136.3	126.3	129.5	118.5	113.3	101.5	121.9
Jiangsu	112.1	122.6	119.9	131.3	116.3	122.8	78.2	124.4	135.6	129.2
Shanghai	100.4	117.4	123.7	117.5	114.0	112.9	132.4	120.2	112.1	119.9
Anhui	109.7	113.3	105.3	112.8	100.6	104.1	105.8	99.9	104.3	103.0
Central:										
Hubei	148.3	184.6	196.0	215.6	205.8	219.7	224.9	219.6	216.6	214.1
Hunan	165.0	166.6	164.2	168.2	167.5	159.6	159.1	154.5	161.2	156.3
Jiangxi	154.9	166.2	178.8	184.9	172.8	174.2	171.5	162.6	163.4	166.5
South:										
Guangdong	115.5	121.4	113.0	118.7	118.5	125.4	112.4	121.7	115.5	112.8
Guangxi	125.4	134.3	136.2	140.3	125.8	129.8	116.2	122.1	125.0	126.4
Fujian	137.3	130.8	135.6	150.6	133.7	122.5	114.3	112.3	113.2	136.8
Hainan[1]	na	na	na	na	na	na	na	51.4	53.3	49.2
Southwest:										
Sichuan	147.3	154.5	159.4	167.1	150.4	157.9	156.1	149.7	156.5	160.6
Guizhou	142.8	142.9	142.9	146.0	151.1	157.6	166.2	152.0	146.9	144.6
Yunnan	126.4	151.7	104.1	152.5	177.7	153.1	142.1	153.3	146.5	145.1
Xizang	na	na	na	na	22.1	16.0	18.2	17.2	21.5	24.7
National	127.2	132.0	131.0	140.0	131.1	134.0	130.0	130.1	133.4	134.0

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (6, p. 204), (10, p. 419), (11, p. 474), (30, p. 679), (34, p. 319), and (35, p. 302).

Table 229--Woolen fabric: Peasant per capita consumption, by province, China, selected years, 1980-90

Province	1980	1984	1985	1986	1987	1988	1989	1990
					Meters			
Northeast:								
Heilongjiang	0.06	0.10	0.14	0.13	0.26	0.06	0.05	0.09
Liaoning	5.67	0.11	0.28	0.23	0.18	0.22	0.16	0.19
Jilin	0.05	0.13	0.19	0.22	0.18	0.18	0.10	0.09
North:								
Shandong	0.09	0.07	0.18	0.12	0.10	0.09	0.09	0.08
Hebei	0.13	0.06	0.19	0.14	0.09	0.10	0.09	0.06
Beijing	0.05	0.19	0.18	0.19	0.24	0.17	0.09	0.16
Tianjin	0.10	0.26	0.32	0.32	0.20	0.24	0.16	0.18
Henan	0.06	0.06	0.19	0.13	0.14	0.14	0.10	0.07
Shanxi	0.07	0.06	0.11	0.08	0.06	0.05	0.04	0.07
Northwest:								
Shaanxi	0.06	0.04	0.33	0.11	0.09	0.19	0.07	0.10
Gansu	0.13	0.06	0.15	0.14	0.09	0.08	0.08	0.04
Nei Monggol	0.07	0.07	0.12	0.14	0.09	0.08	0.07	0.07
Ningxia	0.11	0.08	0.21	0.19	0.14	0.13	0.09	0.06
Xinjiang	0.15	0.20	0.26	0.29	0.38	0.33	0.08	0.10
Qinghai	na	0.13	0.16	0.09	0.17	0.27	0.12	0.12
East:								
Zhejiang	0.02	0.12	0.22	0.21	0.18	0.17	0.12	0.13
Jiangsu	0.05	0.08	0.12	0.14	0.14	0.15	0.11	0.09
Shanghai	0.17	0.18	0.29	0.38	0.42	1.09	0.37	0.39
Anhui	0.03	0.02	0.13	0.08	0.06	0.07	0.05	0.05
Central:								
Hubei	0.09	0.07	0.09	0.10	0.06	0.05	0.05	0.05
Hunan	0.04	0.09	0.08	0.14	0.10	0.08	0.05	0.05
Jiangxi	0.03	0.05	0.11	0.12	0.10	0.09	0.10	0.08
South:								
Guangdong	0.10	0.08	0.11	0.17	0.17	0.15	0.11	0.08
Guangxi	0.00	0.01	0.05	0.04	0.03	0.05	0.11	0.03
Fujian	0.06	0.04	0.19	0.23	0.25	0.19	0.15	0.16
Hainan[1]	na	na	na	na	na	0.50	0.13	0.16
Southwest:								
Sichuan	0.03	0.03	0.07	0.06	0.05	0.05	0.05	0.04
Guizhou	0.03	0.03	0.05	0.04	0.05	0.08	0.03	0.03
Yunnan	0.01	0.03	0.04	0.06	0.04	0.09	0.03	0.05
Xizang	na	na	0.07	0.12	0.12	0.16	0.18	0.29
National	0.06	0.07	0.14	0.13	0.12	0.12	0.08	0.08

[1] Hainan data available beginning in 1988--prior years, included in Guangdong.

Sources: (30, p. 682), (31, p. 706), (32, p. 831), (33, p. 751), (34, p. 320), and (35, p. 302).

Chapter 9

China's Agricultural Price Statistics

This chapter includes national-level statistics on China's urban and rural market prices (index); national, rural, and urban retail prices (index); mixed average retail prices for major agricultural commodities; and mixed average state crop, livestock, and livestock product procurement prices. Provincial-level statistics include mixed average procurement prices for wheat, rice, corn, millet, sorghum, soybean, peanut, rapeseed, sesameseed, and cottonseed crops.

Table 230--National, urban, and rural average open market price index, by commodity, China, 1982-90

National index	1982	1983	1984	1985	1986	1987	1988	1989	1990
					Previous year = 100				
National index:									
Consumer goods	105.8	104.2	99.6	117.2	108.1	116.3	130.3	110.8	94.3
Grain	85.4	97.4	89.5	101.8	120.6	118.1	124.2	136.6	81.4
Oil-bearing crops	81.2	96.6	95.7	108.0	108.8	110.5	118.5	135.4	95.2
Cotton, tobacco, and hemp	104.9	98.9	na	na	na	na	na	na	na
Meat, fowl, and eggs	106.0	103.3	102.5	117.2	106.6	119.4	136.7	113.7	95.9
Aquatic products	138.9	112.5	107.7	126.2	107.0	120.8	127.9	111.7	95.4
Fresh vegetables	120.2	109.6	97.1	121.6	106.8	119.4	130.1	99.8	95.2
Dried vegetables	106.5	101.6	95.6	106.7	117.8	113.4	121.1	112.5	91.8
Fresh/dried fruits	119.1	111.2	na	na	na	na	na	na	na
Fresh fruits	na	na	106.4	129.2	111.8	108.9	122.2	101.1	92.2
Dried fruits	na	na	100.3	104.1	105.3	118.7	119.4	124.9	91.9
Items for daily use	108.7	102.4	102.6	115.2	115.5	113.7	122.3	125.7	103.5
Firewood and grass	123.7	103.9	104.1	114.7	116.1	116.4	129.9	121.0	97.8
Urban index:									
Consumer goods	107.5	105.2	99.4	116.6	107.0	117.0	128.9	110.2	95.1
Grain	88.8	97.7	88.5	101.9	117.2	119.9	129.1	136.6	81.9
Oil-bearing crops	77.9	98.6	94.9	108.7	108.2	104.2	122.8	135.5	98.0
Cotton, tobacco, and hemp	106.7	98.2	na	na	na	na	na	na	na
Meat, fowl, and eggs	105.2	103.4	102.3	117.2	105.0	116.0	133.5	113.6	96.3
Aquatic products	135.2	112.1	106.6	128.5	106.5	118.3	127.4	111.5	95.2
Fresh vegetables	121.7	110.2	97.1	123.9	106.9	124.6	128.2	100.5	96.7
Dried vegetables	110.6	101.5	94.9	107.4	121.1	112.5	120.0	114.0	93.6
Fresh/dried fruits	120.3	114.7	na	na	na	na	na	na	na
Fresh fruits	na	na	105.6	129.1	111.6	107.1	121.6	102.5	93.2
Dried fruits	na	na	100.8	106.3	106.2	118.8	121.6	125.7	91.4
Items for daily use	102.5	101.7	103.3	115.7	114.1	118.1	123.0	136.2	106.1
Firewood and grass	107.8	102.7	108.8	111.6	123.8	111.7	120.7	120.2	98.6
Rural index:									
Consumer goods	104.2	102.8	100.1	115.6	109.1	116.1	131.2	111.3	93.5
Grain	84.4	96.7	90.5	101.7	122.8	117.9	122.6	136.8	81.1
Oil-bearing crops	81.5	98.5	96.4	107.9	109.3	111.0	116.8	135.4	93.6
Cotton, tobacco, and hemp	102.6	98.9	na	na	na	na	na	na	na
Meat, fowl, and eggs	106.2	103.1	102.8	117.1	107.7	120.6	138.7	113.8	95.6
Aquatic products	141.0	113.0	109.3	121.3	107.6	122.1	128.0	111.6	95.7
Fresh vegetables	119.0	108.9	97.1	120.6	106.7	118.1	132.4	99.2	93.6
Dried vegetables	103.8	101.7	97.2	105.6	116.6	113.6	121.9	111.4	90.7
Fresh/dried fruits	117.8	108.3	na	na	na	na	na	na	na
Fresh fruits	na	na	107.6	129.7	112.0	109.7	123.0	99.7	90.9
Dried fruits	na	na	99.5	102.1	104.8	118.6	118.3	124.3	92.5
Items for daily use	114.1	104.0	102.5	110.6	116.4	113.5	122.1	119.9	102.6
Firewood and grass	127.8	105.0	102.9	115.2	111.0	116.5	131.9	121.4	97.4

Sources: (24, p. 114), (27, p. 462), (28, p. 432), (29, p. 535), (30, p. 632), (31, p. 656), (32, p. 786), (33, p. 703), (34, p. 268), (35, p. 248), (42, p. 143), and (43, p. 174).

Table 231--National retail list price index, China, 1951--90

Year	General index	Consumer goods	Food	Grain	Non-staple foods	Edible vegetable oils	Fresh vegetables	Meat, poultry, and eggs	Aquatic products	Tobacco, liquor and tea	Other foods
					Previous year = 100						
1951	112.2	112.7	109.4	101.9	113.3	na	118.7	na	na	119.6	107.0
1952	99.6	99.5	101.4	110.0	97.4	na	98.3	na	na	93.5	104.6
1953	103.4	102.2	106.9	107.7	111.2	na	130.9	na	na	104.5	104.9
1954	102.3	102.3	103.8	100.0	106.2	na	97.5	na	na	106.2	97.0
1955	101.5	101.2	101.4	99.9	100.2	na	93.6	na	na	103.2	99.9
1956	100.4	100.4	100.2	100.0	101.2	na	105.6	na	na	99.5	98.7
1957	101.7	101.7	102.6	99.4	104.6	na	100.9	na	na	99.8	101.5
1958	100.2	100.2	100.5	100.6	101.4	na	91.2	na	na	99.6	99.3
1959	100.9	100.6	101.0	100.2	102.3	na	108.7	na	na	98.8	99.6
1960	103.1	104.3	104.1	103.2	104.7	na	114.7	na	na	100.6	109.0
1961	116.2	117.3	122.1	110.0	132.7	na	136.6	na	na	105.1	127.3
1962	103.8	102.7	104.4	102.7	102.3	na	92.3	na	na	108.2	103.7
1963	94.1	93.6	90.6	92.8	89.6	na	73.1	na	na	104.1	88.4
1964	96.3	96.8	95.7	96.2	94.8	na	91.3	na	na	104.7	92.6
1965	97.3	98.1	100.3	105.5	98.4	na	97.0	na	na	97.8	96.0
1966	99.7	100.8	101.0	104.9	100.5	na	95.6	na	na	99.3	96.7
1967	99.3	99.2	100.5	105.8	100.3	na	103.8	na	na	99.6	100.8
1968	100.1	100.7	102.0	100.0	98.9	na	125.3	na	na	100.0	100.0
1969	98.9	99.2	99.7	99.9	99.9	na	95.4	na	na	100.0	99.9
1970	99.8	99.8	99.7	99.8	99.8	na	98.5	na	na	100.0	99.8
1971	99.3	101.4	100.3	100.3	100.4	na	99.5	na	na	100.0	100.3
1972	99.8	99.8	100.3	100.2	100.3	na	103.6	na	na	100.0	100.8
1973	100.6	101.6	100.5	100.4	100.4	na	104.6	na	na	100.1	101.1
1974	100.5	100.6	100.1	100.0	100.0	na	98.9	na	na	100.1	100.3
1975	100.2	100.8	100.5	100.2	100.3	na	103.5	na	na	100.3	100.8
1976	100.3	100.3	99.7	99.7	99.7	na	99.3	na	na	100.0	99.8
1977	102.0	103.1	103.1	103.0	103.1	na	104.4	na	na	100.0	103.2
1978	100.7	101.5	101.5	101.3	101.5	na	105.0	na	na	100.1	102.7
1979	102.0	102.1	105.5	103.7	106.6	na	107.8	na	na	100.7	103.5
1980	106.0	107.1	110.5	103.5	119.0	na	110.9	na	na	100.5	106.4
1981	102.4	102.6	103.7	103.9	104.1	na	110.6	na	na	103.3	102.5
1982	101.9	101.9	102.8	100.2	101.0	na	101.8	na	na	116.4	101.2
1983	101.5	101.2	102.4	99.9	103.9	na	112.7	na	na	98.7	105.2
1984	102.8	101.7	102.6	99.8	104.3	102.6	107.5	105.0	111.1	99.9	104.0
1985	108.8	109.4	114.4	110.9	119.3	112.3	134.5	122.0	134.3	100.7	115.0
1986	106.0	106.5	107.4	109.3	108.4	111.0	103.3	110.1	111.7	101.2	106.7
1987	107.3	107.4	110.1	106.2	113.8	107.7	117.7	116.5	117.0	103.2	109.7
1988	118.5	119.0	123.0	114.1	130.4	117.1	131.7	136.8	131.1	113.0	120.2
1989	117.8	117.5	116.2	121.3	114.3	121.5	102.1	114.3	116.3	110.7	121.9
1990	102.1	101.6	100.3	95.2	101.3	101.6	99.6	97.9	99.3	100.9	102.5

Sources: (33, pp. 689-690) and (35, pp. 231-232).

Table 232--Rural retail list price index, China, 1951-90

Year	General index	Consumer goods	Food	Grain	Non-staple food	Edible vegetable oils	Meat, poultry, and eggs	Aquatic products	Tobacco, liquor and tea	Other foods	Means of agricultural production
					Previous year = 100						
1951	110.8	112.8	111.2	114.5	127.9	na	na	na	119.6	120.8	102.5
1952	99.6	99.3	97.2	105.3	93.2	na	na	na	93.5	100.2	105.6
1953	101.9	100.3	102.6	113.3	113.4	na	na	na	104.2	110.8	104.6
1954	102.6	102.6	106.3	106.4	113.0	na	na	na	105.9	103.2	102.7
1955	101.0	101.6	106.0	106.0	106.8	na	na	na	103.2	106.0	99.3
1956	100.0	100.5	99.0	99.0	99.7	na	na	na	99.5	97.7	96.2
1957	102.2	102.8	104.4	103.9	109.3	na	na	na	99.8	106.1	99.8
1958	100.5	100.6	100.8	101.1	102.5	na	na	na	99.6	99.6	100.4
1959	100.9	100.3	101.3	101.8	103.9	na	na	na	99.1	97.2	102.4
1960	102.7	103.3	102.2	103.7	103.5	na	na	na	101.1	111.6	100.4
1961	108.2	110.2	103.0	102.9	124.5	na	na	na	105.7	118.1	106.6
1962	105.0	103.0	108.6	108.7	108.5	na	na	na	107.0	109.4	108.0
1963	97.6	97.6	96.8	98.0	94.7	na	na	na	105.5	95.3	97.4
1964	97.9	99.2	100.8	102.0	99.5	na	na	na	104.4	99.2	93.8
1965	97.2	98.6	99.5	106.6	98.6	na	na	na	97.3	93.9	95.3
1966	98.5	100.0	101.1	105.4	99.5	na	na	na	98.8	99.3	96.8
1967	98.9	99.9	101.3	108.9	102.8	na	na	na	99.7	100.9	96.3
1968	99.2	99.9	99.9	99.9	99.9	na	na	na	100.0	99.9	97.2
1969	99.9	99.9	99.8	99.8	99.8	na	na	na	100.0	99.8	100.0
1970	100.0	100.0	100.0	100.0	100.0	na	na	na	100.0	100.0	100.0
1971	97.7	100.0	100.0	100.1	99.9	na	na	na	100.1	99.9	97.5
1972	99.1	100.5	99.2	99.2	99.3	na	na	na	99.9	99.9	98.2
1973	100.0	100.0	100.3	100.3	100.3	na	na	na	100.1	100.8	100.0
1974	100.2	100.2	100.0	100.0	100.0	na	na	na	100.1	100.7	100.2
1975	99.9	100.0	100.1	100.1	100.1	na	na	na	100.1	100.3	99.9
1976	100.1	100.1	100.0	100.0	100.0	na	na	na	100.0	100.1	100.1
1977	100.1	100.1	100.2	100.2	100.3	na	na	na	99.9	100.6	100.1
1978	100.1	100.1	100.3	100.2	100.3	na	na	na	100.3	100.9	99.9
1979	102.0	102.4	103.8	105.7	107.0	na	na	na	100.6	105.2	100.4
1980	104.4	106.0	107.1	107.1	120.7	na	na	na	100.3	111.6	101.0
1981	102.1	102.4	103.0	101.1	102.7	na	na	na	103.0	103.1	101.7
1982	101.7	101.6	104.4	103.5	103.9	na	na	na	114.5	104.2	101.9
1983	101.2	100.5	100.6	100.2	101.2	na	na	na	98.8	102.4	103.0
1984	103.0	101.1	101.4	99.6	102.5	101.2	102.1	105.8	100.1	103.6	108.9
1985	107.0	107.6	112.5	117.6	115.1	114.4	120.2	131.2	100.6	111.3	104.8
1986	105.0	106.1	107.5	113.0	108.6	113.1	110.0	110.8	101.0	105.8	101.1
1987	106.3	106.1	108.4	106.1	112.5	107.2	117.7	111.0	102.7	107.4	107.0
1988	117.1	117.4	120.9	114.0	129.5	116.1	140.0	131.9	111.3	119.5	116.2
1989	118.8	118.6	118.0	125.0	116.7	120.0	113.8	121.8	110.3	123.3	118.9
1990	103.2	102.7	101.7	96.7	103.2	102.4	97.4	98.1	101.1	104.0	105.5

Sources: (33, pp. 693-694) and (35, pp. 239-240).

Table 233--Urban retail list price index, China, 1951–90

Year	General index	Food	Grain	Non-staple food	Edible vegetable oils	Fresh vegetables	Meat, poultry, and eggs	Aquatic products	Tobacco, liquor, and tea	Other foods
					Previous year = 100					
1951	114.4	111.1	104.1	115.0	na	120.5	na	na	119.6	108.6
1952	100.1	100.2	108.2	95.8	na	96.7	na	na	93.5	102.8
1953	104.9	107.9	104.9	112.3	na	130.7	na	na	104.6	101.7
1954	102.2	103.2	100.0	106.2	na	97.5	na	na	106.2	97.0
1955	102.7	101.4	100.9	101.2	na	94.5	na	na	103.3	100.9
1956	98.4	100.1	99.7	100.9	na	105.3	na	na	99.5	98.3
1957	100.2	102.6	99.8	105.0	na	101.3	na	na	99.8	101.9
1958	100.2	100.5	100.8	101.1	na	91.5	na	na	99.3	99.7
1959	100.8	100.9	100.2	101.8	na	108.7	na	na	98.5	103.3
1960	104.5	104.1	103.7	105.4	na	115.0	na	na	100.2	106.3
1961	122.0	128.3	112.9	139.7	na	140.8	na	na	104.4	133.4
1962	104.4	104.4	104.0	101.8	na	93.6	na	na	109.8	105.7
1963	90.6	94.7	96.7	93.5	na	76.3	na	na	101.8	89.7
1964	94.5	96.2	96.4	96.1	na	92.0	na	na	105.8	92.4
1965	98.6	99.3	104.0	97.0	na	96.9	na	na	98.3	98.3
1966	100.4	101.4	105.3	102.5	na	95.6	na	na	99.9	96.6
1967	99.7	101.3	104.8	99.4	na	103.9	na	na	99.5	100.1
1968	101.2	100.9	100.0	97.9	na	125.3	na	na	100.0	100.0
1969	99.9	99.2	99.9	99.9	na	95.4	na	na	100.0	99.9
1970	99.8	99.6	99.6	99.8	na	98.5	na	na	100.0	99.8
1971	101.4	99.9	99.9	100.0	na	99.1	na	na	99.9	99.9
1972	99.5	100.8	100.7	100.8	na	104.1	na	na	100.0	101.3
1973	102.7	100.6	100.5	100.5	na	104.7	na	na	100.1	101.5
1974	100.1	100.2	100.2	100.2	na	99.1	na	na	100.1	101.3
1975	101.4	100.9	100.2	100.4	na	103.5	na	na	100.5	100.5
1976	100.4	99.5	99.5	99.5	na	98.5	na	na	100.0	99.7
1977	105.8	105.7	105.6	105.6	na	107.7	na	na	100.0	105.8
1978	102.5	102.5	102.0	102.2	na	105.8	na	na	100.1	103.2
1979	101.9	101.9	99.5	103.5	na	103.0	na	na	100.7	102.0
1980	108.1	108.1	100.2	114.1	na	108.9	na	na	100.8	105.9
1981	102.6	102.7	100.7	103.2	na	110.0	na	na	103.6	103.0
1982	102.1	102.1	99.2	99.8	na	100.4	na	na	119.4	100.1
1983	101.9	103.7	102.1	104.6	na	113.1	na	na	98.3	106.6
1984	102.5	104.0	100.0	106.0	104.6	107.5	106.5	113.2	99.5	104.9
1985	112.2	116.5	103.3	123.0	109.8	134.5	104.3	123.5	100.9	118.5
1986	107.0	107.2	104.1	108.3	108.0	103.3	110.2	112.3	101.7	107.7
1987	109.1	112.0	106.2	114.9	108.4	117.7	115.4	120.9	104.5	112.1
1988	121.3	125.2	114.1	131.1	118.4	131.7	134.8	130.7	116.4	120.9
1989	116.0	114.4	116.9	112.6	123.7	102.1	114.6	113.4	111.3	120.5
1990	100.2	98.8	93.5	99.7	100.4	99.6	98.2	100.0	100.4	100.8

Sources: (33, pp. 691–692) and (35, pp. 235–236).

Table 234--Mixed average retail prices of major commodities, China, 1952–90[1]

Year	Grain[2]	Edible vegetable oils	Sugar	Fresh vegetables	Liquor	Salt	Aquatic products
				Yuan per ton			
1952	198	860	960	85	1,182	275	456
1953	202	878	960	112	1,256	275	522
1954	205	967	1,043	109	1,387	270	590
1955	213	1,040	1,137	102	1,371	271	534
1956	213	1,040	1,137	108	1,260	308	533
1957	220	1,131	1,138	109	1,260	310	628
1958	220	1,154	1,143	99	1,260	310	574
1959	220	1,180	1,143	107	1,260	310	620
1960	227	1,210	1,273	120	1,260	310	617
1961	231	1,393	1,264	133	1,365	291	873
1962	229	1,471	1,279	135	1,488	291	945
1963	230	1,476	1,440	107	1,800	291	915
1964	230	1,532	1,408	102	1,500	296	790
1965	237	1,640	1,380	90	1,450	296	751
1966	246	1,640	1,380	86	1,500	296	750
1967	257	1,640	1,385	89	1,550	296	750
1968	260	1,640	1,385	101	1,600	296	750
1969	260	1,640	1,390	96	1,700	296	750
1970	260	1,640	1,400	95	1,750	296	755
1971	260	1,640	1,400	94	1,800	296	758
1972	278	1,640	1,400	97	1,800	296	758
1973	278	1,638	1,420	101	1,957	288	830
1974	287	1,643	1,424	99	1,961	291	991
1975	288	1,641	1,424	104	1,939	291	984
1976	288	1,653	1,472	102	2,089	290	950
1977	292	1,653	1,453	101	2,057	294	963
1978	295	1,647	1,450	105	2,078	293	953
1979	299	1,690	1,452	111	2,011	289	1,098
1980	308	1,714	1,477	122	2,038	290	1,263
1981	337	1,967	1,492	134	2,231	287	1,349
1982	340	1,969	1,468	140	2,346	290	1,392
1983	351	1,930	1,492	156	2,498	290	1,564
1984	359	2,071	1,519	178	2,413	297	1,857
1985	383	2,179	1,527	257	2,811	308	2,625
1986	414	2,278	1,505	283	2,864	327	2,928
1987	442	2,396	1,538	382	3,172	360	3,591
1988	489	2,673	2,297	481	3,977	365	5,265
1989	557	3,365	2,550	506	4,410	398	6,019
1990	528	3,426	2,648	531	5,020	786	5,524

See footnotes at end of table.

Continued--

Table 234--Mixed average retail prices of major commodities, China, 1952-90[1]--Continued

Year	Cotton cloth	Pork	Beef	Mutton	Fresh eggs	Tea	Cigarettes[3]	Chemical fertilizer
	Yuan/m²	*Yuan/100 kg*					*Yuan/case*	*Yuan/ton*
1952	1.03	92	83	89	76	206	377	370
1953	1.04	94	88	92	76	226	414	364
1954	1.08	97	100	102	84	294	415	332
1955	1.08	99	100	102	86	322	442	341
1956	1.07	100	100	102	86	354	433	341
1957	1.10	118	100	102	105	358	443	320
1958	1.11	118	100	102	140	358	443	300
1959	1.11	125	100	102	151	280	393	271
1960	1.20	134	103	114	159	280	375	270
1961	1.31	171	104	119	196	326	389	270
1962	1.54	171	106	119	202	380	396	270
1963	1.50	171	110	122	192	410	500	270
1964	1.50	168	110	116	165	458	500	240
1965	1.50	162	116	116	165	452	500	240
1966	1.50	160	116	116	160	460	480	240
1967	1.50	160	116	116	160	460	500	228
1968	1.50	160	116	116	160	460	500	228
1969	1.50	160	116	116	160	460	500	228
1970	1.50	160	116	116	160	460	500	228
1971	1.50	160	116	116	160	460	500	222
1972	1.50	160	116	116	160	460	500	222
1973	1.60	156	116	116	161	718	583	222
1974	1.60	160	117	121	164	692	606	226
1975	1.60	161	120	119	164	674	622	226
1976	1.60	162	117	115	166	738	617	236
1977	1.60	162	119	117	166	662	630	223
1978	1.60	162	119	117	167	686	629	231
1979	1.60	178	140	134	175	769	689	236
1980	1.58	202	176	165	208	795	673	237
1981	1.59	211	188	170	215	854	738	243
1982	1.60	212	202	171	217	899	902	260
1983	1.80	219	205	178	225	880	974	259
1984	1.59	228	250	221	236	926	1,002	322
1985	1.70	275	320	286	269	1,022	1,130	370
1986	1.80	302	379	362	295	1,031	1,268	381
1987	1.90	350	453	416	353	1,190	1,333	428
1988	2.40	496	553	559	436	1,387	1,946	540
1989	3.20	540	641	537	487	1,660	2,137	637
1990	3.40	530	638	615	503	2,022	2,721	630

[1] Mixed average price is an average of fixed, negotiated, and open market prices, as well as an average of various standards, grades, and qualities.

[2] Grain data are on a trade weight (milled or processed) basis.

[3] Each case contains 50,000 cigarettes.

[4] Yuan per square meter.

Sources: (28, pp. 440-447), (29, pp. 543-546), (30, p. 639), (31, p. 663), (32, p. 793), (33, p. 713), and (35, p. 262).

Table 235--Mixed average state crop procurement prices, China, 1952-90[1]

Year	Grain[2]	Edible oils	Sugar-cane	Sugar-beet	Inedible oils	Apples	Citrus
				Yuan per ton			
1952	138.4	605.6	21.4	26.6	630.0	303.0	187.0
1953	157.2	678.2	21.2	30.2	521.0	331.0	179.0
1954	157.0	689.2	21.3	30.2	581.4	329.0	172.0
1955	157.0	685.6	21.7	30.2	645.8	321.0	162.0
1956	160.2	706.2	24.9	30.2	653.4	321.0	179.0
1957	162.0	940.0	25.0	32.0	799.4	343.0	177.0
1958	168.0	940.0	28.0	36.0	944.4	343.0	181.0
1959	164.0	1,000.0	28.0	38.1	953.8	343.0	183.0
1960	170.0	1,100.0	28.0	39.5	1,058.4	343.0	206.0
1961	213.0	1,300.0	26.6	52.0	1,304.8	343.0	234.0
1962	214.0	1,314.0	27.8	53.0	1,307.2	377.0	250.0
1963	229.2	1,420.0	27.0	53.0	1,340.0	355.0	264.0
1964	229.2	1,474.0	29.2	54.0	1,325.6	355.0	264.0
1965	229.2	1,450.0	29.2	54.0	1,300.0	355.0	264.0
1966	236.2	1,434.0	30.0	54.0	1,280.0	355.0	264.0
1967	243.2	1,410.0	30.0	54.0	1,332.0	338.0	264.0
1968	241.2	1,384.0	30.0	54.0	1,332.0	338.0	264.0
1969	240.8	1,386.0	30.0	54.0	1,332.0	327.0	264.0
1970	241.2	1,387.8	30.0	54.0	1,332.0	310.0	267.0
1971	252.2	1,613.2	30.0	54.0	1,529.0	310.0	267.0
1972	256.0	1,599.4	38.0	61.0	1,570.0	310.0	267.0
1973	253.8	1,666.0	38.0	63.0	1,569.8	310.0	267.0
1974	252.0	1,679.4	37.0	61.0	1,582.6	310.0	289.0
1975	254.4	1,691.8	36.0	57.8	1,597.2	310.0	289.0
1976	255.6	1,669.0	36.1	58.2	1,587.6	310.0	289.0
1977	256.6	1,672.8	35.0	62.0	1,672.4	310.0	289.0
1978	263.4	1,746.4	36.2	60.5	1,957.0	309.0	367.0
1979	330.7	2,458.2	44.9	81.8	2,638.7	296.0	355.0
1980	360.6	2,640.8	50.3	85.2	2,569.8	344.0	445.0
1981	381.7	2,818.8	54.0	87.0	3,142.6	346.0	515.0
1982	392.2	2,772.9	50.0	85.4	3,320.3	387.0	481.0
1983	392.6	2,654.1	53.4	86.5	3,724.1	418.0	538.0
1984	395.1	2,624.3	60.6	78.6	3,092.3	529.0	696.0
1985	416.1	2,701.2	66.6	88.7	2,939.4	754.2	1,076.8
1986	465.9	2,846.0	74.1	89.3	2,633.6	845.6	1,055.1
1987	508.5	3,077.8	77.5	108.2	3,347.6	866.8	1,114.3
1988	563.7	3,675.7	103.8	121.1	4,413.2	1,269.0	1,980.3
1989	750.0	4,317.8	131.1	138.2	4,537.7	1,371.9	1,204.3
1990	716.0	4,424.9	135.2	160.8	3,873.8	1,480.5	1,349.5

See footnotes at end of table.

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Table 235--Mixed average state crop procurement prices, China, 1952-90[1]--Continued

Year	Ginned cotton	Tea	Cured tobacco	Jute[3]	Hemp	Ramie	Fresh vegetable
			Yuan per 100 kilograms				
1952	183.0	88.0	69.8	66.4	87.0	105.0	5.4
1953	173.0	105.0	68.0	63.2	87.8	100.8	7.0
1954	175.8	112.0	70.4	67.2	90.8	107.0	7.0
1955	179.6	117.0	71.8	67.6	91.0	107.4	6.4
1956	179.6	134.4	72.0	67.6	96.4	109.6	6.8
1957	179.6	137.4	72.6	70.4	98.0	110.2	7.2
1958	178.0	145.6	73.4	68.0	113.0	120.0	7.8
1959	178.0	146.2	73.4	65.2	115.6	132.2	8.0
1960	178.0	146.2	74.6	65.2	115.6	132.2	8.8
1961	182.0	164.2	87.8	65.2	127.0	138.0	10.8
1962	182.0	171.0	100.0	64.0	134.6	152.8	9.8
1963	200.0	172.0	96.0	66.4	138.0	152.0	7.4
1964	200.0	161.4	100.0	66.8	145.2	164.6	7.2
1965	204.0	182.0	101.0	74.0	145.2	164.6	7.2
1966	204.0	192.0	110.0	78.4	145.2	164.6	7.0
1967	204.0	192.0	110.0	78.4	145.2	164.6	7.2
1968	204.0	192.0	110.0	78.4	145.2	164.6	7.2
1969	204.0	192.0	110.0	78.4	145.2	164.6	7.2
1970	204.0	192.0	110.0	78.4	153.2	159.8	7.2
1971	204.2	194.0	110.0	78.4	153.2	160.0	7.4
1972	210.0	192.0	110.0	79.2	153.2	162.0	7.4
1973	204.0	196.0	116.0	80.0	162.0	184.0	7.6
1974	210.0	206.0	120.0	80.0	162.0	188.0	7.6
1975	207.0	229.6	126.2	89.6	162.4	188.2	7.8
1976	201.6	234.8	125.4	85.2	164.0	186.0	7.8
1977	208.0	234.0	126.0	104.0	158.0	186.0	7.6
1978	227.8	239.4	124.0	113.6	160.4	183.2	8.2
1979	268.0	306.0	126.0	114.8	182.4	218.4	9.0
1980	317.4	315.6	140.2	108.2	180.0	234.2	10.4
1981	311.6	323.8	159.6	94.0	161.4	217.0	11.2
1982	323.6	354.8	153.2	96.0	170.0	216.0	10.6
1983	342.2	334.6	157.2	94.2	163.4	207.4	11.0
1984	341.6	305.0	176.0	109.8	169.6	281.4	11.8
1985	321.6	414.2	181.6	96.2	172.1	797.5	19.8
1986	321.6	341.6	196.1	92.3	234.7	1212.3	22.5
1987	356.3	545.4	248.5	102.5	167.5	560.9	27.9
1988	400.2	782.2	297.0	131.5	182.2	220.5	30.8
1989	495.1	647.8	241.5	161.9	231.5	252.6	27 1
1990	634.1	636.4	276.0	159.1	227.3	246.2	41.6

[1] Mixed average price is an average of fixed, negotiated, and open market prices, as well as a mix of various standards, grades, and qualities. [2] Grain data are on a trade weight basis. [3] Includes ambary hemp. The 1984 and 1985 *China Statistical Yearbook* and the *Rural Economic Statistics Encyclopedia* all carry jute numbers exactly one-half less than later yearbooks--probably due to a failure to convert from Chinese dan (1 dan equals 0.5 kg). It was assumed that the problem was corrected in later yearbooks, therefore all older data were adjusted to be consistent with the newer series.

Sources: (28, pp. 448-452), (29, p. 547), (30, p. 640), and (35, p. 263).

Table 236--Mixed average state livestock procurement prices, China, 1952-90[1]

Year	Hogs	Cattle	Sheep and goats	Poultry
		Yuan per head		
1952	32.6	49.1	8.8	na
1953	36.9	62.2	11.2	na
1954	38.4	64.7	10.7	na
1955	38.4	59.4	9.6	na
1956	41.4	55.1	9.6	na
1957	47.7	61.2	9.9	0.9
1958	45.0	57.7	8.5	1.0
1959	42.4	60.8	10.8	1.4
1960	34.0	63.8	11.0	1.7
1961	55.0	70.0	15.0	1.9
1962	56.7	86.8	16.3	1.9
1963	60.0	92.0	17.0	1.7
1964	60.0	92.0	16.0	1.5
1965	60.0	98.0	16.0	1.4
1966	60.0	98.0	13.3	1.4
1967	60.0	98.0	13.3	1.4
1968	60.0	98.0	13.3	1.4
1969	60.0	98.0	13.3	1.4
1970	63.0	98.0	13.3	1.4
1971	63.0	99.0	13.3	1.4
1972	63.0	112.0	13.3	1.4
1973	68.0	115.0	14.2	1.4
1974	69.0	122.0	15.2	1.5
1975	71.0	122.0	14.0	1.6
1976	69.6	122.0	13.5	1.6
1977	70.3	98.8	13.5	1.6
1978	74.5	100.9	14.7	2.0
1979	102.1	120.8	17.7	2.2
1980	115.7	154.3	21.7	2.6
1981	120.7	175.4	25.6	2.8
1982	123.8	226.7	26.0	3.1
1983	122.5	225.0	27.8	3.7
1984	124.2	249.9	29.0	4.1
1985	186.9	333.3	39.1	4.2
		Yuan per 100 kilograms[2]		
1978	81.0	87.7	86.5	na
1980	125.8	134.2	127.6	na
1985	182.1	290.6	232.7	na
1986	187.6	300.5	238.7	373.5
1987	207.3	349.8	291.8	432.9
1988	323.3	448.0	394.1	na
1989	359.3	529.1	452.0	na
1990	345.9	519.1	412.2	na

[1] Mixed average price is an average of fixed, negotiated, and open market prices, plus a mix of various standards, grades, and qualities.
[2] The unit changed in 1985 from yuan per head to yuan per 100 kg.

Sources: (30, p. 640), (31, p. 664), (33, p. 714), and (35, p. 263).

Table 237--Mixed average state livestock product procurement prices, China, 1952-90[1]

Year	Hides			Wool	Mohair	Cashmere	Honey	Eggs	Aquatic products
	Cattle	Sheep	Goats						
	--- *Yuan per sheet* ---			------ *Yuan per 100 kilograms* ----------					*Yuan/ton*
1952	9.4	3.5	2.1	208	132	698	118	62	248
1953	10.1	3.8	2.2	238	152	630	120	73	314
1954	10.6	3.9	2.3	238	152	630	124	81	275
1955	10.4	4.0	2.3	228	144	626	128	82	282
1956	8.3	4.0	2.3	216	138	630	137	81	340
1957	9.6	3.9	2.3	216	148	648	168	94	341
1958	11.3	3.8	2.3	222	124	730	168	99	383
1959	11.3	3.8	2.3	224	152	730	168	115	383
1960	11.3	3.8	2.3	232	162	730	168	124	363
1961	12.0	3.8	2.7	232	162	730	230	163	526
1962	12.4	3.1	2.4	224	170	756	226	166	548
1963	12.5	3.0	2.5	224	170	756	226	150	530
1964	11.3	4.4	2.8	218	190	746	192	127	525
1965	13.0	4.0	2.4	218	192	760	194	128	510
1966	13.0	4.0	2.4	300	192	760	194	128	510
1967	13.0	4.0	2.4	300	192	780	194	128	510
1968	13.0	4.0	2.4	300	192	780	194	128	510
1969	13.0	4.0	2.4	300	192	780	194	128	510
1970	13.0	4.0	2.4	300	192	800	194	128	485
1971	13.0	4.0	2.4	300	192	800	194	129	485
1972	13.0	4.0	2.5	300	192	800	194	129	475
1973	13.7	4.0	2.4	288	192	800	194	136	487
1974	13.5	4.0	2.7	306	204	816	194	136	480
1975	14.0	3.7	2.7	306	204	816	194	138	488
1976	14.0	3.7	2.7	312	212	816	194	138	431
1977	14.3	3.8	2.8	328	214	816	194	136	428
1978	14.9	4.2	3.0	340	214	820	201	138	438
1979	15.3	4.5	3.3	340	230	1,070	207	168	651
1980	24.2	4.5	4.1	343	241	1,111	201	171	770
1981	21.8	4.7	4.2	348	242	1,059	190	184	870
1982	24.2	4.7	4.3	358	209	1,051	188	186	922
1983	23.1	4.7	4.0	366	194	1,133	189	189	1,048
1984	38.8	5.3	4.6	373	204	1,398	183	198	1,000
1985	65.7	9.4	12.2	504	254	2,994	187	227	2,046
1986	43.8	16.6	16.5	601	543	5,080	207	242	2,269
1987	52.0	25.4	15.5	629	469	7,018	214	304	3,046
1988	63.9	29.2	16.3	1,079	513	12,884	256	366	4,264
1989	81.2	26.6	17.1	907	490	18,269	314	417	4,655
1990	84.2	18.8	14.6	664	517	12,955	319	436	4,306

[1] Mixed average price is an average of fixed, negotiated, and open market prices, as well as a mix of various standards, grades, and qualities.

Sources: (30, p. 640), (31, p. 664), (32, p. 794), (33, p. 714), and (35, p. 263).

Table 238--State procurement prices for standard grade cotton, China, 1983-90[1]

Year	Price setting			Price	Average price	Centrally mandated noncash incentives for each 0.5 kilogram procured over-quota (some provinces have additional incentives not included here)
	Region	Quota	Bonus			
		-- *Percent* --		-- *Yuan/50 kg* --		
1983[2]	South	Base method		168.45	182.27	1 kilogram grain
	North	Base method		187.86		
1984[3]	South	60	40	163.30	174.92	.75 kilogram grain
	North	20	80	180.79		
1985[4]	South	60	40	163.30	171.03	None
	North	30	70	176.42		
1986	South	60	40	163.30	na	None
	North	40	60	172.04		
						(For each 50 kilograms procured)
1987[5]	Unified	30	70	176.42	--	35 kg low-priced fertilizer, diesel oil, and a cash advance
1988	Unified	30	70	176.42	--	35 kg low-priced fertilizer, diesel oil, and a cash advance
1989[6]	Unified	--	--	236.88	--	35 kg low-priced fertilizer, 2.5 kg diesel oil, and a cash advance
1990	Unified	--	--	300.00	--	35 kg low-priced fertilizer, 2.5 kg diesel oil, and a cash advance

[1] Standard grade cotton is defined as grade 3 (of a range of 5) at 27 millimeters (of a range between 33 and 23 millimeters).

[2] The 1983 procurement price was based on paying extra for cotton produced above a base amount. The North-South demarcation line was the Huai river.

[3] The 1984 procurement price was based on a proportional quota and over-quota system.

[4] In 1985, the entire quota system was replaced with the contract procurement system.

[5] By 1987, the North-South price difference was replaced with a single national procurement price.

[6] By 1989, the quota/bonus procurement price system was replaced with a single price. In addition, cotton procurement was recentralized, prohibiting all private cotton marketing.

Sources: (China Agriculture and Trade Report, U.S. Department of Agriculture, Economic Research Service, RS-90-3, July 1990, p. 15) and (44, p. 317).

Table 239--Corn procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	2	32.45	32.27	2	32.27	30.72	2	30.72	40.56	2	40.56	39.31
Liaoning	S	30.47	31.56	S	31.56	32.34	S	32.34	38.82	S	38.82	40.65
Jilin	S	31.30	33.42	S	33.42	32.58	S	32.58	40.54	S	40.54	43.79
North												
Shandong	S	38.65	40.88	S	39.62	42.57	S	42.57	63.78	S	63.78	58.04
Hebei	S	33.62	37.99	S	37.99	37.99	na	37.99	52.31	S	52.31	52.09
Beijing	Y2	42.47	38.34	na	38.34	47.30	S	47.30	51.30	S	51.30	52.90
Tianjin	S	40.78	39.08	na	39.08	46.71	S	46.71	59.69	S	59.69	57.99
Henan	S	42.34	37.35	S	38.25	44.36	S	44.29	65.16	S	65.16	52.32
Shanxi	S	36.00	40.04	S	40.04	40.60	S	40.60	62.35	S	62.35	49.43
Northwest												
Shaanxi	S	34.91	37.54	S	37.54	40.37	S	40.37	47.35	S	47.35	45.63
Gansu	S	32.46	39.19	S	38.25	41.57	na	41.57	46.34	S	46.34	49.11
Nei Monggol	S	32.21	33.71	S	33.71	34.28	S	34.28	38.67	S	38.67	45.20
Ningxia	S	38.41	38.06	S	38.06	40.22	S	40.22	54.88	S	54.88	57.13
Xinjiang	1	29.60	31.55	na	31.55	36.94	na	36.94	38.39	na	38.39	42.54
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	S	41.42	49.23	na	49.23	51.70	na	51.70	74.65	na	74.65	70.41
Jiangsu	na	38.75	38.69	S	38.69	52.88	na	52.88	53.60	S	66.60	59.80
Shanghai	na	43.90	47.30	na	46.40	56.00	na	56.00	67.20	na	67.20	66.70
Anhui	S	26.50	35.66	S	35.66	40.72	na	40.72	55.70	S	55.70	48.80
Central												
Hubei	S	41.74	40.86	S	38.44	42.82	S	42.82	57.46	S	57.46	52.38
Hunan	S	36.52	48.00	na	na	na	S	65.00	77.00	S	77.00	62.18
Jiangxi	na	40.21	42.80	S	42.80	62.83	na	62.83	66.20	S	66.20	75.52
South												
Guangdong	S	53.00	59.84	S	59.84	71.00	na	71.00	97.70	S	97.70	83.14
Guangxi	S	37.49	38.08	na	38.08	70.91	na	70.91	52.46	S	52.46	51.67
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	41.28	44.71	S	42.52	48.50	S	48.51	65.75	S	66.07	58.39
Guizhou	S	43.75	51.02	S	39.61	42.59	na	42.59	50.35	S	50.35	47.43
Yunnan	na	39.11	48.37	na	48.37	49.17	na	49.17	54.44	na	54.44	53.66
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	35.19	36.64	na	36.20	37.91	na	38.65	50.95	na	48.40	47.24

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade, 1 = grade 1, 2 = grade 2 and Y2 = Yellow number 2. According to China's Standards Bureau, grade 2 is the standard grade for corn.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 210), (48, p. 292), (49, p. 291), and (50, p. 308).

Table 240--Cottonseed procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North												
Shandong	S	26.34	26.79	S	41.40	105.16	S	105.16	122.30	S	122.30	104.92
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	S	35.63	36.94	S	36.94	68.80	S	68.80	74.82	S	74.82	100.50
Northwest												
Shaanxi	S	30.02	37.53	S	37.53	31.00	S	31.00	68.52	S	68.52	55.20
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	S	23.80	23.13	na	23.13	30.65	na	30.65	34.19	na	34.19	39.34
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	S	24.00	30.00	S	30.00	31.34	na	31.34	43.27	na	43.27	51.94
Jiangsu	na	22.00	29.50	1	29.50	51.49	S	51.49	42.66	na	na	na
Shanghai	S	24.00	30.00	S	30.00	36.00	na	36.00	40.86	na	40.86	46.50
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central												
Hubei	S	22.87	28.24	S	32.53	36.80	S	36.80	40.76	S	40.76	50.97
Hunan	S	28.52	31.00	na	na	na	na	na	na	S	42.00	34.00
Jiangxi	S	25.32	32.01	S	32.01	46.30	S	46.30	64.68	S	64.68	55.26
South												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	24.96	29.36	S	29.36	35.80	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	na	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	23.88	29.55	na	31.52	47.51	na	48.70	43.40	na	43.50	49.12

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade and 1 = grade 1.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 213), (48, p. 295), (49, p. 294), and (50, p. 314).

Table 241--Millet procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	2	28.60	35.00	na	na	na	na	na	na	na	na	na
Liaoning	S	31.03	36.78	S	36.78	41.42	S	35.43	54.55	S	54.55	41.30
Jilin	S	28.62	32.91	S	32.91	35.74	na	35.94	50.13	na	50.13	35.35
North												
Shandong	S	40.41	38.87	S	42.19	55.38	S	55.38	65.25	S	65.25	58.21
Hebei	S	36.19	37.74	S	37.74	40.32	S	40.32	66.55	S	66.55	65.81
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	S	34.07	41.33	na	41.33	55.00	S	55.00	71.00	na	na	na
Henan	S	35.69	45.42	na	na	na	na	na	na	na	na	na
Shanxi	S	35.20	40.26	S	40.26	48.15	S	48.15	73.59	S	73.59	62.64
Northwest												
Shaanxi	S	32.01	32.56	S	32.56	39.70	S	39.70	62.44	S	62.44	61.00
Gansu	S	32.45	35.86	S	35.00	40.72	S	40.72	67.77	S	67.77	65.00
Nei Monggol	S	31.12	35.14	S	35.14	41.49	S	41.94	47.51	S	47.51	47.54
Ningxia	S	33.67	35.37	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	70.00	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	na	na	na	na	na	na	na	na	132.00	na	na	na
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	na	na	na	na	na	na	na	na	na
Central												
Hubei	na	na	na	na	na	na	na	na	na	na	na	na
Hunan	na	na	na	na	na	na	na	na	na	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	53.48	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	35.08	38.10	na	38.24	43.60	na	44.28	67.58	na	66.74	60.60

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade and 2 = grade 2.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 211), (48, p. 293), (49, p. 292), and (50, p. 309).

Table 242--Peanut procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	60	88.87	90.50	60	90.50	112.77	60	112.77	130.65	60	130.65	180.11
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North												
Shandong	60	96.01	113.35	60	115.03	136.24	60	136.24	179.07	60	179.07	139.06
Hebei	60	99.12	110.30	60	110.30	115.27	60	115.27	149.59	60	149.59	137.67
Beijing	60	97.00	108.65	na	109.00	141.70	60	141.70	173.90	60	173.91	213.00
Tianjin	60	103.71	107.68	na	107.68	136.70	S	85.00	113.43	S	113.43	200.02
Henan	60	98.00	104.42	60	107.20	114.66	60	114.66	125.06	60	125.06	135.22
Shanxi	60	106.80	118.10	60	118.10	168.94	60	168.94	206.87	60	206.87	187.78
Northwest												
Shaanxi	60	104.48	116.17	60	116.17	135.03	60	135.03	131.30	60	131.30	136.29
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	120.85	189.90	na	189.90	234.76	na	234.76	288.79
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	60	124.00	130.00	na	130.00	140.00	na	140.00	200.00	na	200.00	200.00
Jiangsu	S	104.80	108.02	S	108.02	133.05	60	133.05	137.43	60	133.43	158.86
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	60	117.94	116.45	60	116.45	149.54	60	149.54	171.40	60	171.40	175.63
Central												
Hubei	S	98.84	115.56	S	118.62	139.14	S	139.14	138.92	S	138.92	140.25
Hunan	60	112.86	138.00	60	138.00	193.92	60	193.92	250.65	60	250.65	210.00
Jiangxi	60	103.47	131.49	60	131.49	230.04	60	230.04	271.67	60	271.67	222.36
South												
Guangdong	60	120.87	123.55	60	123.55	202.42	60	202.42	266.00	60	266.00	213.85
Guangxi	60	117.14	130.00	na	130.00	183.28	60	183.28	196.55	60	196.55	180.69
Fujian	S	103.77	112.98	na	115.16	155.50	S	155.50	172.40	na	172.40	199.26
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	60	106.72	148.06	60	150.88	198.85	S	198.85	209.38	S	203.65	190.10
Guizhou	60	93.14	102.12	60	102.12	144.09	60	144.09	163.98	60	163.98	139.87
Yunnan	60	96.63	100.66	na	100.66	147.14	na	147.14	158.71	na	158.71	157.07
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	101.58	111.24	na	113.72	137.72	na	127.63	144.87	na	158.45	152.75

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade and 60 = 60% kernel to shell ratio. According to China's Standards Bureau, grade 3 is the standard grade for peanuts. However, it is unclear what grade the "60 percent kernel to shell ratio" refers to since the lowest unshelled peanut grade (grade 5) has a kernel to shell ratio of 63 percent.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 212), (48, p. 294), (49, p. 293), and (50, p. 311).

Table 243--Rapeseed procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North												
Shandong	na	na	na	S	94.02	100.00	S	100.00	107.60	S	100.00	106.83
Hebei	S	91.00	98.34	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	S	93.66	98.26	S	98.69	115.68	S	115.70	123.42	S	125.23	153.28
Shanxi	S	91.40	94.53	S	94.53	108.68	S	108.68	141.22	S	141.22	145.60
Northwest												
Shaanxi	S	93.85	95.27	S	95.27	103.94	S	103.94	124.24	S	124.24	156.14
Gansu	S	94.19	96.02	S	97.69	104.14	S	104.14	115.36	S	115.36	149.36
Nei Monggol	S	85.17	92.69	S	92.69	97.91	S	97.91	119.95	S	119.95	125.93
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	S	90.90	90.36	na	90.36	100.40	na	100.40	113.03	na	113.03	120.02
Qinghai	S	91.10	92.87	S	92.87	117.37	S	117.37	121.74	S	121.74	148.70
East												
Zhejiang	S	93.62	101.35	S	101.35	103.32	na	103.32	146.43	na	146.43	154.76
Jiangsu	na	93.77	95.67	na	95.67	109.01	S	109.01	132.11	S	121.92	142.79
Shanghai	S	93.60	93.60	na	95.00	106.00	na	106.00	117.90	na	117.90	144.90
Anhui	S	92.38	101.26	S	101.26	114.71	S	114.71	149.10	S	149.10	141.31
Central												
Hubei	S	91.81	95.64	S	95.16	112.45	S	112.45	125.48	s	125.48	138.20
Hunan	S	90.12	95.00	S	95.00	103.46	S	103.46	130.00	S	130.00	149.00
Jiangxi	S	94.27	100.71	S	100.71	105.65	S	105.60	122.69	S	122.69	136.45
South												
Guangdong	S	105.00	110.04	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	S	97.60	113.25	S	103.34	109.44	S	109.44	131.00	na	131.00	157.45
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	95.99	98.49	S	99.10	116.87	S	116.97	132.52	S	136.12	158.58
Guizhou	S	93.60	93.60	S	93.60	103.83	S	103.83	121.02	S	121.02	149.63
Yunnan	na	101.83	103.37	na	103.37	131.25	na	131.25	163.34	na	163.34	163.40
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	94.07	98.31	na	97.99	112.40	na	112.48	131.49	na	133.09	148.93

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 213), (48, p. 295), (49, p. 294), and (50, p. 314).

Table 244--Rice (indica variety[1]) procurement prices and grades, by province, China, 1986-89[2]

Province	Grade[3]	1986	1987	Grade[3]	1987	1988	Grade[3]	1988	1989	Grade[3]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	na	na	na	na	na	na	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North												
Shandong	na	na	na	na	na	na	na	na	na	na	na	na
Hebei	na	na	na	na	na	na	na	na	na	na	na	na
Beijing	na	na	na	na	na	na	na	na	na	na	na	na
Tianjin	na	na	na	na	na	na	na	na	na	na	na	na
Henan	3	33.12	39.85	S	39.92	50.23	na	na	na	S	64.09	53.27
Shanxi	na	na	na	na	na	na	na	na	na	na	na	na
Northwest												
Shaanxi	S	31.72	37.45	S	37.45	51.53	S	51.53	51.04	S	51.04	47.46
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	na	na	na	na	na	na	na	na	na	na	na	na
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	na	na	na	na	na	na	na	na	na	na	na
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	S	31.42	34.70	na	34.70	36.26	na	36.26	50.68	na	50.68	51.74
Jiangsu	S	33.31	36.54	S	36.54	39.83	S	39.83	55.60	S	50.46	48.08
Shanghai	na	na	na	na	38.60	44.60	na	44.60	74.10	na	74.10	68.80
Anhui	S	31.40	34.11	S	34.97	49.51	S	49.51	60.80	S	60.80	56.80
Central												
Hubei	S	35.15	41.02	S	39.77	44.17	S	44.17	59.26	S	59.26	54.63
Hunan	S	33.80	41.00	S	41.00	50.49	S	50.49	66.57	S	66.57	58.00
Jiangxi	S	32.69	37.49	S	37.49	41.41	S	41.41	51.89	S	61.89	59.90
South												
Guangdong	S	37.66	41.99	S	41.99	57.66	S	57.66	82.25	S	82.25	70.19
Guangxi	S	32.24	40.63	na	40.36	67.60	S	67.60	59.20	S	59.20	54.80
Fujian	S	35.39	39.95	S	42.52	54.13	S	54.13	65.18	S	65.18	56.62
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	35.25	37.32	S	40.53	42.35	S	42.35	64.07	S	61.73	55.04
Guizhou	S	32.52	33.74	S	33.74	42.01	S	42.01	50.74	S	50.74	47.38
Yunnan	na	na	na	na	40.59	47.27	na	47.27	63.42	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[4]	na	35.82	40.56	na	38.87	46.81	na	47.02	61.09	na	61.88	56.69

[1] Indica (*xiandao*) variety is a long-grained nonglutinous rice, as opposed to japonica (*jingdao*) variety, which is a polished round-grained nonglutinous rice. Indica rice is primarily grown in the south, southwest, east, and central regions, while japonica rice is primarily grown in the north and northwest regions.

[2] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[3] The following codes were used for the grades: S = standard grade and 3 = grade 3. According to China's Standards Bureau, grade 3 is the standard grade for indica rice.

[4] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 209), (48, p. 291), (49, p. 290), and (50, p. 305).

Table 245--Rice (japonica variety[1]) procurement prices and grades, by province, China, 1986-90[2]

Province	Grade[3]	1986	1987	Grade[3]	1987	1988	Grade[3]	1988	1989	Grade[3]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	3	46.20	46.71	na	na	na	na	na	na	3	67.94	66.83
Liaoning	S	44.71	46.25	na	na	na	na	na	na	S	68.24	68.85
Jilin	S	46.55	47.78	na	na	na	na	na	na	S	80.33	80.15
North												
Shandong	S	44.75	49.07	na	na	na	na	na	na	S	123.26	113.32
Hebei	S	56.57	57.85	na	na	na	na	na	na	S	63.60	62.00
Beijing	N3	67.80	70.13	na	na	na	na	na	na	S	99.80	103.93
Tianjin	S	51.12	54.61	na	na	na	na	na	na	SG	132.74	107.14
Henan	na	na	na	na	na	na	na	na	na	na	na	na
Shanxi	S	60.90	61.88	na	na	na	na	na	na	na	137.90	93.95
Northwest												
Shaanxi	na	na	na	na	na	na	na	na	na	S	82.09	53.62
Gansu	na	na	na	na	na	na	na	na	na	na	na	na
Nei Monggol	S	52.76	49.67	na	na	na	na	na	na	S	90.94	89.64
Ningxia	S	43.52	46.48	na	na	na	na	na	na	na	83.50	77.52
Xinjiang	S	52.00	53.10	na	na	na	na	na	na	na	83.26	85.04
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	na	na	na	na	na	na	na	na	na	na	73.54	65.46
Jiangsu	na	na	na	na	na	na	na	na	na	S	62.54	64.28
Shanghai	U	38.70	47.90	na	na	na	na	na	na	na	83.90	78.50
Anhui	na	na	na	na	na	na	na	na	na	S	70.60	68.24
Central												
Hubei	na	na	na	na	na	na	na	na	na	S	75.62	59.26
Hunan	na	na	na	na	na	na	na	na	na	S	68.00	63.00
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South												
Guangdong	na	na	na	na	na	na	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	na	na	na	na	na	na	na	na	na	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	S	38.07	42.94	na	na	na	na	na	na	na	57.52	56.81
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[4]	na	na	na	na	na	na	na	na	na	na	72.76	69.49

[1] Japonica (*jingdao*) variety is a polished round-grained nonglutinous rice, as opposed to indica (*xiandao*) variety, which is a polished long-grained nonglutinous rice. Japonica rice is primarily grown in the north and northwest regions, while indica rice is primarily grown in the south, southwest, east, and central regions.

[2] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[3] The following codes were used for the grades: S = standard grade, 3 = grade 3, N3 = variety No. 3, U = unknown variety, and SG = special grade (used in Tianjin in 1989 and 1990, it is written in Chinese as "small station" or "small market," which we assumed was a special grade used in Tianjin. According to China's Standards Bureau, grade 3 is the standard for japonica rice.

[4] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards grades, and qualities.

Sources: (47, p. 209), (48, p. 291), (49, p. 290), and (50, p. 306).

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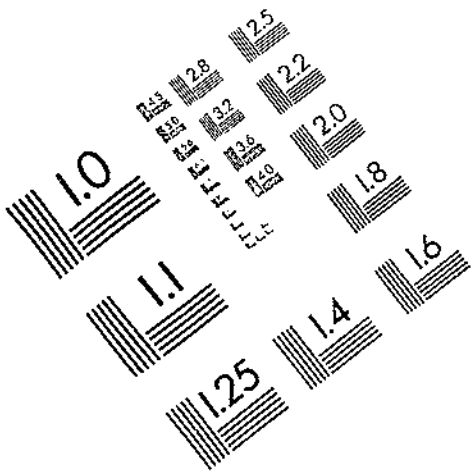

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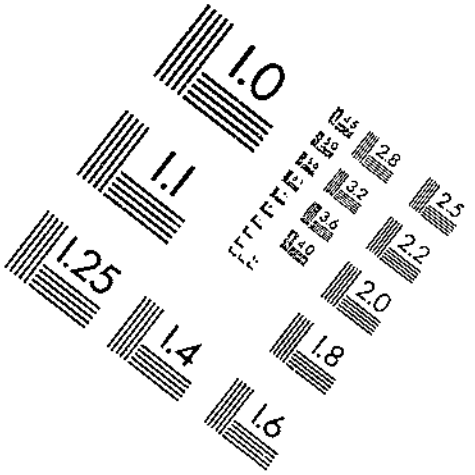

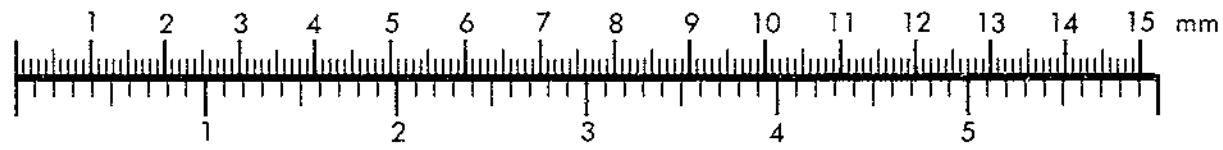

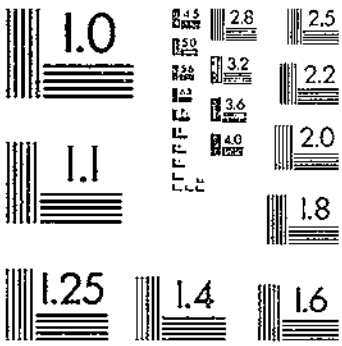

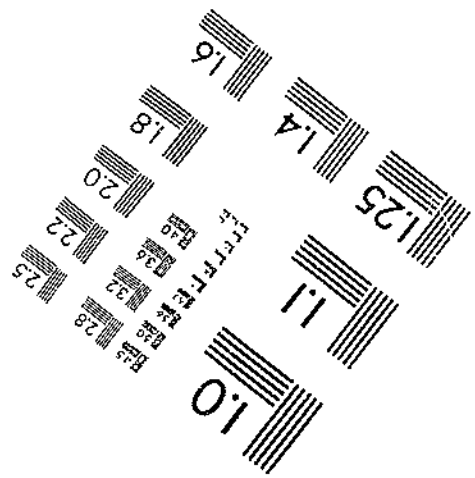

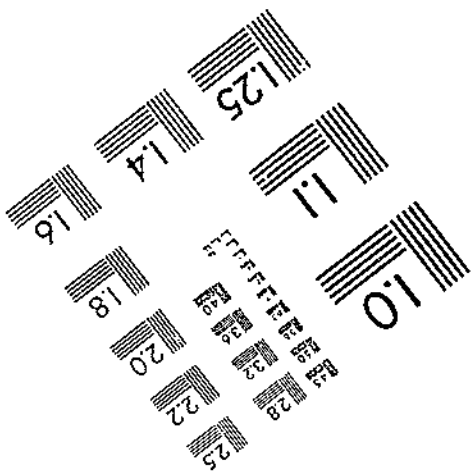

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Table 246--Sesameseed procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	na	na	na	na	na	na	na	na	na	na	na	na
Liaoning	S	170.10	180.00	S	180.00	211.98	na	na	na	na	na	na
Jilin	na	na	na	na	na	na	na	na	na	na	na	na
North												
Shandong	S	195.00	203.00	S	216.58	241.95	S	241.95	451.38	S	100.00	106.83
Hebei	S	196.69	190.61	S	190.61	215.69	S	215.69	446.91	na	na	na
Beijing	na	224.00	220.00	na	na	na	na	na	na	na	na	na
Tianjin	S	189.84	189.78	na	189.78	359.73	S	359.73	440.32	na	na	na
Henan	S	160.46	160.78	S	161.94	256.72	S	257.95	364.83	S	125.23	153.28
Shanxi	S	171.00	176.87	S	176.87	249.39	S	249.39	275.28	S	141.22	145.60
Northwest												
Shaanxi	S	150.62	160.99	S	160.99	203.79	S	203.79	236.88	S	124.24	156.14
Gansu	na	na	na	na	na	na	na	na	na	S	115.36	149.36
Nei Monggol	S	169.57	179.81	S	179.81	229.24	S	229.24	358.81	S	119.95	125.93
Ningxia	na	na	na	na	na	na	na	na	na	na	na	na
Xinjiang	na	120.00	150.00	na	150.00	249.90	na	249.90	257.78	na	113.03	120.02
Qinghai	na	na	na	na	na	na	na	na	na	S	121.74	148.70
East												
Zhejiang	S	181.68	196.45	S	196.45	200.00	na	200.00	380.00	na	146.43	154.76
Jiangsu	na	180.77	198.79	na	198.79	296.98	S	296.98	374.94	S	121.92	142.79
Shanghai	na	na	na	na	na	na	na	na	na	na	117.90	144.90
Anhui	S	169.53	178.46	S	178.46	263.16	S	263.16	351.10	S	149.10	141.31
Central												
Hubei	S	159.16	160.75	S	161.35	220.79	S	220.79	337.92	S	125.48	138.20
Hunan	S	186.66	190.00	S	190.00	247.00	S	360.00	505.00	S	130.00	149.00
Jiangxi	S	173.27	197.50	S	197.50	212.13	na	na	na	S	122.69	136.45
South												
Guangdong	na	215.51	225.85	S	225.85	325.00	S	325.00	431.50	na	na	na
Guangxi	S	201.50	168.29	na	168.29	262.50	na	na	na	na	na	na
Fujian	S	191.37	201.98	2	267.86	290.00	na	na	na	na	131.00	157.45
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	151.27	162.87	S	162.87	305.50	na	na	na	S	136.12	158.58
Guizhou	na	162.56	152.47	S	152.47	191.94	S	191.94	317.02	S	121.02	149.63
Yunnan	na	182.87	183.25	na	183.25	260.94	na	260.94	214.72	na	163.34	163.40
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	166.53	169.53	na	181.00	238.93	na	255.85	363.06	na	133.09	148.93

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 212), (48, p. 294), (49, p. 293), and (50, p. 311).

Table 247--Sorghum procurement prices and grades, by province, China, 1986--90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
Northeast												
Heilongjiang	2	35.55	41.58	2	41.58	41.60	2	41.60	48.77	2	48.77	48.49
Liaoning	S	33.10	44.45	S	44.45	43.18	S	42.18	50.45	S	50.45	52.39
Jilin	S	29.73	35.98	2	35.98	39.73	S	39.73	48.10	S	48.10	50.66
North												
Shandong	S	41.34	49.05	S	49.05	52.[illegible]	S	52.46	72.94	S	72.94	62.22
Hebei	S	41.68	41.67	na	na	na	na	na	na	S	46.80	48.31
Beijing	N2	45.60	50.00	na	50.00	57.20	S	57.20	61.40	S	61.40	63.05
Tianjin	S	40.53	43.56	na	43.56	49.08	S	49.08	55.20	S	55.20	53.67
Henan	S	45.91	43.96	S	43.37	48.20	S	48.20	55.36	S	58.66	67.74
Shanxi	S	35.30	46.99	S	46.99	47.50	S	47.50	58.88	S	58.88	50.29
Northwest												
Shaanxi	S	47.47	50.02	S	50.02	53.48	S	53.48	54.87	S	54.87	52.40
Gansu	na	na	na	S	45.20	48.15	na	na	na	na	na	na
Nei Monggol	S	29.68	38.84	S	38.84	41.92	S	41.92	49.11	S	49.11	44.45
Ningxia	S	51.85	33.14	S	33.14	40.60	S	40.60	54.00	na	na	na
Xinjiang	1	33.40	40.29	na	40.29	36.88	na	na	46.50	na	46.50	47.93
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	na	na	na	na	na	na	na	na	na	na	na	na
Jiangsu	na	44.39	58.00	S	58.00	62.00	na	na	na	na	na	na
Shanghai	na	na	na	na	na	na	na	na	na	na	na	na
Anhui	na	na	na	S	47.86	49.90	na	na	na	na	na	na
Central												
Hubei	S	48.41	56.00	S	41.98	53.18	S	53.18	61.33	S	61.33	62.67
Hunan	na	na	na	na	na	na	S	64.00	70.00	na	na	na
Jiangxi	na	na	na	na	na	na	na	na	na	na	na	na
South												
Guangdong	na	na	na	S	68.34	75.00	na	na	na	na	na	na
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	na	na	na	na	na	na	na	na	na	na	na	na
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	52.92	71.33	S	79.12	68.72	S	68.64	89.65	na	na	na
Guizhou	na	na	na	na	na	na	na	na	na	na	na	na
Yunnan	na	na	na	na	na	na	na	na	59.64	na	na	na
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	41.32	51.00	na	47.54	47.74	na	44.99	54.31	na	51.53	50.30

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade, 1 = grade 1, 2 = grade 2, and N2 = variety No. 2.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 210), (48, p. 292), (49, p. 291), and (50, p. 308).

Table 248--Soybean procurement prices and grades, by province, China, 1986–90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	3	75.98	78.51	3	78.51	79.54	3	79.54	95.26	3	95.26	100.24
Liaoning	S	76.26	79.20	S	79.20	82.56	S	82.56	99.49	S	99.49	101.10
Jilin	S	73.18	77.88	S	77.88	86.84	S	86.84	108.27	S	108.27	111.01
North												
Shandong	S	87.50	91.55	S	86.54	113.29	S	113.29	141.09	S	141.09	115.37
Hebei	S	86.80	83.90	S	83.90	88.57	S	88.57	126.96	S	126.96	119.85
Beijing	N2	86.00	92.00	na	92.00	104.40	S	104.40	140.00	S	140.00	139.00
Tianjin	S	85.97	92.00	na	92.00	112.99	S	112.99	140.99	S	140.99	129.41
Henan	3	88.75	83.93	S	84.38	108.24	S	108.45	139.90	S	140.08	109.20
Shanxi	S	76.10	83.23	na	na	na	na	107.00	139.94	na	139.94	109.14
Northwest												
Shaanxi	S	80.00	81.00	S	81.00	101.26	S	101.26	137.53	S	137.53	113.95
Gansu	S	82.19	83.33	S	81.27	84.66	S	84.66	118.53	S	118.83	122.29
Nei Monggol	S	71.45	76.10	S	76.10	82.83	S	82.83	97.87	S	97.87	102.60
Ningxia	S	75.12	82.16	S	82.16	102.28	S	102.28	132.97	S	132.97	133.98
Xinjiang	1	64.00	79.30	na	79.30	105.27	na	105.27	120.59	na	120.59	109.56
Qinghai	na	na	na	na	na	na	na	na	na	na	na	na
East												
Zhejiang	S	98.46	106.00	na	106.00	130.00	na	130.00	167.33	na	167.33	147.43
Jiangsu	na	83.19	93.17	S	93.17	130.54	S	130.54	128.25	S	148.62	140.71
Shanghai	S	94.00	96.00	na	88.30	106.60	na	106.60	137.90	na	137.90	130.30
Anhui	S	81.25	86.40	S	86.40	113.59	S	113.59	116.30	S	116.30	102.10
Central												
Hubei	S	96.46	97.06	S	91.33	112.93	S	112.93	154.58	S	154.58	126.33
Hunan	S	85.60	97.00	S	97.00	115.43	S	115.43	158.85	S	158.85	154.00
Jiangxi	S	92.61	101.80	S	101.80	155.02	S	155.02	177.22	S	177.22	132.63
South												
Guangdong	S	116.50	128.70	S	128.70	168.23	S	168.23	211.20	S	222.17	195.73
Guangxi	S	107.50	114.77	na	114.77	145.31	S	145.31	162.75	S	162.75	155.55
Fujian	S	115.87	115.19	S	122.07	147.19	S	147.19	206.24	na	206.24	185.16
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	83.62	93.09	S	95.15	106.62	S	102.52	126.86	S	142.31	137.64
Guizhou	na	84.08	90.39	S	90.39	116.10	S	116.10	161.67	S	161.67	143.85
Yunnan	na	82.20	93.92	na	93.92	91.57	na	91.57	139.79	na	139.79	179.00
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	79.81	82.53	na	80.80	88.16	na	89.82	110.31	na	108.28	106.55

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade, 1 = grade 1, and N2 = variety No. 2. According to China's Standards Bureau, grade 3 is the standard grade for soybeans.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 211), (48, p. 293), (49, p. 292), and (50, p. 309).

Table 249--Wheat procurement prices and grades, by province, China, 1986-90[1]

Province	Grade[2]	1986	1987	Grade[2]	1987	1988	Grade[2]	1988	1989	Grade[2]	1989	1990
		Yuan/100 kg			*Yuan/100 kg*			*Yuan/100 kg*			*Yuan/100 kg*	
Northeast												
Heilongjiang	3	44.94	45.34	3	45.34	60.70	3	60.70	62.71	3	62.71	73.57
Liaoning	na	na	na	na	na	na	na	na	na	na	120.00	87.89
Jilin	S	47.96	56.18	S	56.18	64.44	S	64.44	108.36	S	108.36	83.94
North												
Shandong	S	47.64	48.84	S	49.19	61.48	S	61.48	76.97	S	76.97	72.32
Hebei	S	48.62	50.52	S	50.52	54.50	S	54.50	70.28	S	70.28	64.09
Beijing	M3	50.09	51.90	na	51.90	65.90	S	65.90	85.10	S	81.50	65.09
Tianjin	S	48.06	50.54	na	50.54	66.47	S	66.47	81.40	S	81.40	72.47
Henan	3	46.05	46.51	C	47.08	54.44	S	54.46	66.70	S	67.43	55.97
Shanxi	S	51.90	52.36	S	52.36	63.63	S	63.63	101.44	S	101.44	86.54
Northwest												
Shaanxi	S	44.81	46.58	S	46.58	52.65	S	52.65	59.20	S	62.86	63.11
Gansu	S	47.38	50.63	S	50.66	56.34	S	56.34	64.55	S	64.55	62.38
Nei Monggol	S	45.91	48.08	S	48.08	53.43	S	53.43	68.33	S	68.33	74.31
Ningxia	S	45.67	46.20	S	46.20	52.09	S	52.09	64.31	S	64.31	70.44
Xinjiang	1	47.70	46.14	na	46.14	48.74	na	48.74	54.33	na	54.33	56.89
Qinghai	S	47.30	49.99	S	49.99	52.64	S	52.64	69.78	S	69.78	68.09
East												
Zhejiang	S	43.16	46.75	na	46.75	53.05	na	53.05	77.31	na	77.31	64.81
Jiangsu	na	45.08	45.57	S	45.57	52.33	S	52.33	61.53	S	67.34	58.75
Shanghai	na	43.70	44.80	na	44.10	50.00	na	50.00	64.60	na	64.60	65.90
Anhui	S	45.64	47.68	S	47.68	54.15	S	54.15	65.40	S	65.40	51.78
Central												
Hubei	S	42.14	46.94	S	47.18	51.67	S	51.67	63.57	S	63.57	58.17
Hunan	S	43.62	52.00	S	52.00	55.94	S	55.94	67.38	S	67.36	61.00
Jiangxi	S	42.84	43.00	S	43.00	49.00	S	49.00	89.50	S	89.50	81.32
South												
Guangdong	S	56.00	60.50	S	60.50	81.11	S	81.81	103.50	S	103.50	97.59
Guangxi	na	na	na	na	na	na	na	na	na	na	na	na
Fujian	S	46.99	52.32	S	60.27	65.59	S	65.59	87.78	S	87.78	83.12
Hainan	na	na	na	na	na	na	na	na	na	na	na	na
Southwest												
Sichuan	S	41.04	44.11	S	44.11	47.81	S	48.12	60.84	S	60.87	54.84
Guizhou	S	41.56	46.50	S	46.50	57.93	S	57.93	70.40	S	70.40	69.70
Yunnan	S	44.58	47.00	na	47.00	52.21	na	52.21	78.46	na	78.46	62.38
Xizang	na	na	na	na	na	na	na	na	na	na	na	na
National[3]	na	45.75	47.31	na	47.38	54.59	na	54.93	66.97	na	67.78	62.36

[1] Double sets of 1987, 1988, and 1989 data have been included. The second set of prices are from the latest price yearbook (that is, 1988 data were published in the *1989 Price Yearbook* and again in the *1990 Price Yearbook*) and are most likely revised numbers. However, note that for some provinces the grade was changed with no change in price, while for other provinces the grade remained the same but the price changed. The provincial prices are a mixed average of the fixed, negotiated, and open market procurement prices for the indicated grade of the commodity.

[2] The following codes were used for the grades: S = standard grade, 1 = grade 1, 3 = grade 3, and M3 = mixed variety No. 3. According to China's Standards Bureau, grade 3 is the standard grade for wheat.

[3] The national average price is an average of fixed, negotiated, and open market prices, and unlike the provincial prices, is also a mix of various standards, grades, and qualities.

Sources: (47, p. 209), (48, p. 291), (49, p. 290), and (50, p. 305).

Chapter 10

China's Agricultural Trade Statistics

This chapter includes national-level statistics on China's imports and exports. The statistics include Ministry of Foreign Economic Relations and Trade (MOFERT) trade statistics on the volume of various agricultural imports and exports. The chapter also includes quarterly Customs Administration volume and value statistics for 1983-90.

Table 250--Animal and animal product exports, MOFERT statistics, China, 1950–89[1]

Year	Live animals			Eggs	Pork		Frozen poultry	Frozen rabbit meat	Honey
	Hogs	Cattle	Poultry		Frozen	Canned			
	-- 1,000 head --		1,000s	---------- 1,000 tons ----------					
1950	580	29	5,850	23.6	7.9	0.2	0.1	0.0	0.0
1951	763	11	11,430	22.6	6.1	0.0	0.1	0.0	0.0
1952	779	27	11,070	20.1	28.8	0.0	0.1	0.0	0.0
1953	538	19	12,580	21.7	70.8	0.0	1.1	0.0	0.0
1954	487	39	11,390	19.5	138.1	3.7	2.4	0.0	0.0
1955	655	84	9,130	23.4	134.5	9.8	3.0	0.0	0.0
1956	545	107	8,380	21.3	122.3	9.6	4.5	0.0	3.9
1957	507	88	12,220	30.3	54.1	10.1	5.9	0.2	1.7
1958	791	135	14,550	38.4	118.1	32.0	9.6	0.8	4.1
1959	719	116	6,120	13.4	109.6	28.8	4.2	0.7	4.4
1960	788	95	8,240	13.1	74.3	14.1	4.8	0.9	4.5
1961	379	11	4,920	11.1	9.3	8.9	3.1	0.6	2.2
1962	818	16	6,590	20.8	3.4	5.7	2.2	2.3	2.6
1963	1,302	25	10,440	29.9	15.4	13.8	3.0	3.6	4.0
1964	1,647	50	16,580	31.9	62.1	32.6	3.9	2.4	7.5
1965	1,719	93	21,410	37.6	142.5	35.1	4.0	2.7	12.9
1966	1,760	127	26,350	42.2	150.0	35.5	5.5	5.2	14.0
1967	1,493	104	16,300	34.2	88.7	23.4	6.9	8.5	18.6
1968	1,553	107	15,260	35.3	91.5	23.5	9.2	17.5	21.8
1969	1,623	107	13,050	28.4	60.8	28.3	9.5	17.5	24.5
1970	1,705	87	12,170	33.1	80.5	21.5	13.1	17.3	15.9
1971	2,029	89	16,050	38.3	118.3	26.0	17.8	18.8	17.6
1972	2,281	105	19,470	42.5	140.1	36.7	24.4	23.3	15.6
1973	2,178	107	19,810	39.2	121.2	52.0	28.7	27.1	16.9
1974	2,179	106	17,730	38.1	52.9	27.0	23.1	21.6	12.4
1975	2,308	145	19,300	37.3	61.2	24.6	33.8	33.6	21.8
1976	2,311	140	19,280	34.9	38.4	27.8	28.5	28.5	19.7
1977	2,313	134	19,480	33.8	26.2	20.9	23.4	27.8	17.4
1978	2,463	134	18,850	40.6	42.8	29.5	34.6	39.3	27.1
1979	2,422	188	17,460	49.8	44.9	37.1	43.1	43.5	50.0
1980	2,468	237	19,010	52.8	63.8	48.0	43.9	38.6	49.2
1981	2,574	232	21,340	55.1	67.2	49.4	41.8	31.5	60.1
1982	2,650	224	21,640	54.3	96.8	66.6	44.6	40.4	65.2
1983	2,621	209	19,730	54.1	95.6	76.3	50.2	33.8	57.3
1984	2,492	185	20,950	52.7	91.7	88.0	39.0	34.3	37.3
1985	2,455	194	34,410	55.2	109.6	93.8	18.7	24.0	54.5
1986	2,542	192	42,410	53.1	97.7	88.5	33.7	12.3	72.6
1987	2,353	189	46,380	54.0	89.4	91.5	22.6	17.0	70.1
1988	2,365	189	42,520	48.8	58.5	81.5	36.8	19.9	48.8
1989	2,265	171	31,130	32.3	80.9	85.3	39.5	21.1	67.4

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics report only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter part of the 1980's, are generally lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports.

Sources: (15, pp. 970–979), (16, pp. 1145–1147), (17, pp. 377–378, 383), (18, pp. 380–381, 385), (19, pp. 315–316, 320), and (28, pp. 397–408).

Table 251--Fruit and vegetable exports, MOFERT statistics, China, 1950-89[1]

Year	Apples	Citrus fruits	Red dates	Canned fruits	Canned vegetables	Dried hot peppers
			1,000 tons			
1950	0.2	5.8	0.9	0	0	0
1951	3.0	11.0	1.0	0	0	0
1952	11.7	22.8	1.1	0	0	0
1953	10.4	26.4	1.2	1.2	0.1	1.9
1954	29.5	39.8	0.8	3.7	0.1	5.9
1955	35.4	66.8	0.8	8.4	0.4	3.1
1956	47.6	70.0	1.3	14.6	3.2	8.3
1957	66.7	71.1	1.2	18.8	6.9	10.6
1958	92.4	88.2	1.2	38.1	12.8	7.7
1959	101.1	76.9	1.3	34.0	13.0	4.6
1960	107.5	63.2	1.1	19.6	6.2	2.7
1961	49.9	34.1	0.9	19.2	6.3	0.9
1962	63.5	29.7	1.0	18.3	8.1	0.5
1963	60.2	33.6	0.8	26.2	10.6	0.9
1964	75.3	37.5	1.1	27.5	11.5	3.4
1965	80.6	37.2	1.4	25.2	10.8	8.8
1966	79.9	38.8	1.5	31.7	16.9	7.0
1967	80.9	49.7	na	31.2	18.0	6.0
1968	49.0	52.7	1.3	30.5	23.5	10.6
1969	58.3	53.9	1.8	34.7	31.9	12.0
1970	70.8	50.8	1.9	39.7	29.5	9.5
1971	88.6	55.6	1.8	29.1	34.6	8.6
1972	85.4	58.7	1.8	49.5	47.5	9.1
1973	96.4	60.2	1.6	48.0	65.8	9.0
1974	90.7	52.2	2.0	44.0	84.4	10.0
1975	95.5	58.1	2.2	52.5	98.5	10.8
1976	82.7	36.3	1.3	51.8	91.6	10.9
1977	85.5	54.3	1.9	44.5	93.8	10.6
1978	94.1	62.1	2.2	52.0	112.6	11.5
1979	104.2	57.1	2.4	59.0	158.0	15.8
1980	106.2	51.6	2.4	60.4	200.5	16.9
1981	62.2	33.1	3.5	57.0	224.0	19.5
1982	63.6	43.9	4.2	56.6	241.8	22.8
1983	57.3	44.1	3.6	60.8	243.2	23.1
1984	42.1	36.4	2.9	49.9	240.8	27.4
1985	53.6	51.6	2.5	39.6	224.4	23.5
1986	48.2	61.0	2.8	46.2	273.1	24.3
1987	57.8	75.8	7.5	79.3	309.9	26.0
1988	94.6	82.6	5.1	101.6	316.7	25.9
1989	71.3	63.5	5.6	81.8	303.0	31.9

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics report only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter part of the 1980's, are generally lower than the figures from China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports.

Sources: (14, pp. 972-979), (16, pp. 1149, 1151, 1154-1155), (17, pp. 379-383), (18, pp. 382, 384-386), (19, pp. 317, 319-321), and (28, pp. 396-408).

Table 252--Grain and economic crop exports, MOFERT statistics, China, 1950-89[1]

Year	Total	Rice[2]	Misc. grains[3]	Soybeans	Other beans	Flue-cured tobacco	Aquatic products	Tea	
								Black	Green
					1,000 tons				
1950	1,226	49	243	914	20	0.3	9.7	2.6	5.2
1951	1,971	127	810	1,009	26	0.2	16.7	10.8	5.4
1952	1,529	335	279	865	51	37.2	23.3	15.7	7.8
1953	1,826	561	243	920	88	44.4	24.0	10.1	10.2
1954	1,711	540	168	907	77	45.1	25.3	8.5	15.9
1955	2,233	700	236	1,058	149	43.7	39.2	11.8	17.2
1956	2,651	1,077	181	1,124	120	44.4	44.9	16.4	21.5
1957	2,093	529	156	1,141	99	63.1	57.8	19.3	19.1
1958	2,883	1,397	65	1,224	139	48.9	88.5	23.8	20.5
1959	4,158	1,774	531	1,727	125	47.5	86.2	27.4	20.9
1960	2,720	1,072	372	1,111	119	18.9	94.9	20.8	18.2
1961	1,355	428	5	409	37	8.7	42.3	15.7	17.1
1962	1,031	458	1	259	37	3.1	46.0	14.6	13.9
1963	1,490	685	105	409	62	2.6	59.4	16.1	13.3
1964	1,821	762	161	590	71	2.0	92.5	13.8	15.5
1965	2,417	985	344	653	106	6.2	120.0	19.1	16.2
1966	2,885	1,487	185	651	155	9.5	144.7	17.4	15.1
1967	2,994	1,577	165	670	122	10.7	112.3	16.0	14.4
1968	2,601	1,299	433	688	110	27.8	108.0	18.4	16.1
1969	2,238	1,179	276	595	131	27.3	89.9	18.0	17.1
1970	2,119	1,280	221	470	100	16.0	92.8	20.1	17.8
1971	2,618	1,292	426	588	138	24.5	92.0	28.0	20.4
1972	2,926	1,426	383	412	166	31.6	96.4	21.1	22.0
1973	3,893	2,631	187	400	103	29.0	101.6	20.3	19.2
1974	3,644	2,061	286	471	69	42.4	107.4	29.1	23.0
1975	2,806	1,630	366	405	66	35.2	100.7	28.5	23.0
1976	1,765	876	315	200	84	27.8	93.4	29.2	19.2
1977	1,657	1,033	147	130	55	30.9	87.7	37.8	35.3
1978	1,877	1,435	89	113	46	30.0	92.0	36.2	45.1
1979	1,651	1,053	95	306	67	29.9	97.8	52.2	47.2
1980	1,618	1,116	151	114	56	27.0	105.7	49.4	48.7
1981	1,261	na	na	na	na	17.9	102.2	42.0	41.4
1982	1,251	457	591	127	76	19.1	101.1	52.2	44.5
1983	1,963	566	950	334	113	24	105	70	56.0
1984	3,566	1,189	1,418	834	125	23	100	72	60.0
1985	8,880	1,019	6,566	1,151	144	17.0	124.3	66	63.4
1986	9,094	956	6,373	1,301	464	19.8	180.6	91.4	65.6
1987	7,187	989	4,131	1,714	353	15.2	178.6	91.4	67.7
1988	6,542	705	3,954	1,459	425	18.9	275.3	100.5	79.8
1989	6,221	339	4,333	1,171	378	24.7	266.6	98.0	90.4

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics report only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter part of the 1980's, are generally lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports.

[2] Rice trade is reported on a milled (or trade grain) basis.

[3] Miscellaneous grain includes all coarse grains, but excludes wheat and potatoes.

Sources: (14, p. 967), (15, p. 368), (16, p. 1142), (17, p. 375), (18, p. 378), and (19, p. 313).

Table 253--Oilseed, oil, and nut exports, MOFERT statistics, China, 1950–89[1]

Year	Peanuts[2]	Peanut oil	Tung oil	Walnuts	Walnut meats	Almond meats	Chestnuts
				1,000 tons			
1950	157.8	31.1	88.3	0.3	4.4	2.4	2.6
1951	184.4	25.1	31.1	1.3	2.2	1.9	2.3
1952	327.6	43.0	27.5	1.7	3.5	2.6	2.6
1953	309.8	32.8	39.8	1.0	2.9	6.0	2.3
1954	278.0	17.8	39.4	3.1	3.4	6.2	1.8
1955	384.2	48.0	39.1	2.7	5.7	7.0	2.1
1956	350.4	38.5	44.0	3.5	5.5	4.2	2.3
1957	239.3	19.3	41.8	4.6	5.4	5.7	4.6
1958	68.0	28.5	49.8	3.9	2.6	6.5	3.2
1959	64.4	42.4	39.6	4.5	5.5	5.7	4.6
1960	34.5	26.6	29.0	3.9	4.5	2.9	3.4
1961	0.5	6.2	13.8	3.9	2.0	1.3	2.7
1962	3.9	4.2	15.9	2.4	1.7	2.3	6.7
1963	3.3	8.1	9.8	2.6	2.8	4.7	6.3
1964	26.6	9.8	20.9	3.1	4.3	4.7	8.8
1965	58.3	19.1	21.3	4.1	5.1	7.7	12.9
1966	62.9	28.2	19.1	6.4	5.8	6.8	16.0
1967	61.7	31.0	16.6	8.4	4.2	7.0	14.4
1968	47.1	31.4	9.1	12.0	5.6	7.5	17.3
1969	36.6	13.5	14.8	11.2	4.3	5.7	12.7
1970	10.7	9.9	13.4	9.3	5.4	5.5	15.8
1971	23.0	15.5	22.2	12.3	4.4	4.7	16.5
1972	44.2	22.3	26.7	12.5	4.9	3.3	15.3
1973	29.1	20.2	32.7	10.5	4.9	3.2	19.8
1974	35.5	27.3	31.6	11.1	5.0	4.3	15.4
1975	26.9	19.7	27.2	15.9	4.3	6.3	21.1
1976	28.4	13.7	27.1	12.7	3.7	5.4	24.1
1977	14.9	4.3	12.1	11.5	4.5	3.8	16.1
1978	18.1	11.2	20.2	13.0	5.0	5.9	24.0
1979	35.2	17.3	22.2	13.5	6.1	5.7	21.9
1980	75.7	19.9	20.8	12.3	5.4	5.6	26.5
1981	238.7	56.4	11.2	14.6	4.5	6.1	23.9
1982	114.0	54.7	6.5	12.3	7.0	6.1	19.8
1983	154.0	71.0	13.0	14.0	6.0	6.0	32.0
1984	125.0	36.0	12.0	10.0	6.0	5.0	33.0
1985	139.0	50.0	11.4	11.6	5.9	6.0	29.4
1986	227.0	102.0	19.0	13.0	6.0	6.0	26.0
1987	219.0	86.0	30.0	8.0	8.0	4.0	46.0
1988	213.4	58.6	28.3	8.2	8.2	5.7	33.9
1989	205.6	20.4	24.0	7.7	8.4	6.5	38.1

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics report only the trade carried out by trading units under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter part of the 1980's, are generally lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports.

[2] Shelled peanuts.

Sources: (15, pp. 968–979), (16, pp. 1144–1151), (17, pp. 376–380), (18, pp. 379–383), (19, pp. 314–318), and (28, pp. 396–408).

Table 254--Textile exports, MOFERT statistics, China, 1950-89[1]

Year	Cotton yarn	Filature silk	Cloth			Silks and satins	Woolen piece goods
			Cotton	Blends	Synthetics		
	-- 1,000 tons --		---------- 1,000 square meters ----------				
1950	1.8	1.5	28,000	0	0	8,210	0
1951	0.1	1.8	22,000	0	0	13,950	7
1952	0.1	2.1	16,000	0	0	17,380	4
1953	0.2	3.1	44,000	0	0	20,360	510
1954	0.9	3.0	76,000	0	0	29,420	1,200
1955	8.1	3.3	180,000	0	0	37,800	3,410
1956	13.0	4.1	355,000	0	0	41,830	6,270
1957	10.0	3.3	350,000	0	0	54,560	9,220
1958	10.8	3.3	460,000	0	0	78,370	12,210
1959	18.9	3.0	629,000	0	14,780	126,800	15,480
1960	23.4	2.4	591,000	0	25,190	126,500	17,360
1961	19.2	1.4	590,000	0	47,860	136,940	17,630
1962	21.8	0.9	549,000	0	89,140	130,850	14,840
1963	22.5	1.0	602,000	400	76,950	123,020	15,140
1964	23.4	1.6	737,000	810	111,130	105,230	9,490
1965	31.3	2.9	803,000	1,520	113,010	95,000	7,470
1966	22.6	4.1	951,000	6,440	144,620	100,670	9,660
1967	21.0	3.6	841,000	8,290	103,260	95,930	9,460
1968	24.8	3.1	783,000	10,940	118,900	98,380	7,570
1969	21.6	3.9	744,000	20,620	99,200	100,770	8,090
1970	22.1	4.3	696,000	13,160	81,820	84,230	6,320
1971	22.4	4.2	753,000	21,870	76,520	91,440	6,300
1972	19.6	8.3	951,000	43,440	89,810	120,930	9,290
1973	29.7	6.7	961,000	58,240	91,340	119,900	8,920
1974	23.0	3.6	739,000	27,830	78,250	77,800	7,520
1975	32.8	4.9	1,072,000	70,970	90,580	116,200	8,610
1976	26.5	6.5	946,000	71,200	113,400	115,550	8,550
1977	21.3	5.0	772,000	83,200	88,920	95,220	6,630
1978	23.4	8.7	1,096,000	133,440	102,300	123,520	6,390
1979	24.3	9.0	1,109,000	222,420	122,680	145,750	12,650
1980	30.7	7.7	1,086,000	284,520	124,970	132,250	15,630
1981	33.7	5.2	1,174,000	425,180	138,320	142,660	14,390
1982	41.6	10.3	1,124,000	491,020	125,560	115,490	12,220
1983	102.2	9.3	1,325,000	622,330	116,830	150,180	13,690
1984	124.0	8.1	1,551,000	608,330	131,790	142,040	11,420
1985	147.9	10.5	1,571,590	687,980	145,240	143,040	9,790
1986	212.5	9.0	1,797,700	900,430	152,530	175,620	13,260
1987	271.5	8.8	2,076,310	1,145,640	165,700	192,350	16,040
1988	243.4	10.2	2,049,280	1,062,070	164,850	219,990	23,520
1989	208.9	10.1	2,230,940	1,205,500	187,260	192,450	32,950

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics report only the trade carried out by trading units under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter 1980's, are generally lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, thereby inflating imports and exports.

Sources: (14, p. 375), (15, pp. 996-1007), (16, pp. 1171, 1173-1175, 1182), (17, pp. 393-401), (18, pp. 396, 398-399, 404), (19, pp. 331, 333-334, 339), and (27, pp. 426-427).

Table 255--Crop and agricultural product imports, MOFERT statistics, China, 1950–89[1]

Year	Grain			Cotton	Jute	Sugar	Flaxseed oil	Coconut oil
	Total	Wheat	Other					
				1,000 tons				
1950	66.9	na	66.9	133.9	4.9	50.0	na	3.0
1951	na	na	0.0	61.3	0.4	94.6	na	1.0
1952	0.1	na	0.1	76.8	na	52.8	na	1.0
1953	14.6	13.6	1.0	19.9	na	69.9	na	10.0
1954	30.0	26.8	3.2	53.6	na	102.3	na	33.0
1955	182.0	22.0	160.0	92.0	27.7	105.0	na	19.0
1956	149.0	23.0	126.0	48.0	27.3	176.0	na	11.0
1957	167.0	50.0	117.0	48.0	24.7	119.0	na	24.0
1958	224.0	148.0	76.0	79.0	37.2	209.0	na	17.0
1959	2.0	na	2.0	45.0	12.8	26.0	na	14.0
1960	66.0	39.0	27.0	94.0	16.8	234.0	na	7.0
1961	5810.0	3882.0	1928.0	53.0	9.2	1187.0	na	14.0
1962	4923.0	3536.0	1387.0	37.0	2.8	996.0	na	13.0
1963	5952.0	5588.0	364.0	114.0	14.4	497.0	1.0	14.0
1964	6570.0	5369.0	1201.0	165.0	56.9	599.0	11.0	14.0
1965	6405.0	6073.0	332.0	199.0	67.6	708.0	15.0	17.0
1966	6438.0	6214.0	224.0	120.0	62.4	585.0	na	13.0
1967	4702.0	4395.0	307.0	108.0	51.0	422.0	9.0	17.0
1968	4596.0	4451.0	145.0	76.0	60.4	497.0	na	11.0
1969	3786.0	3740.0	46.0	80.0	29.5	364.0	na	18.0
1970	5360.0	5302.0	58.0	81.0	64.9	507.0	na	17.0
1971	3173.0	3022.0	151.0	121.0	58.6	455.0	na	43.0
1972	4756.0	4334.0	422.0	196.0	14.7	694.0	5.0	32.0
1973	8128.0	6299.0	1829.0	477.0	78.2	751.0	16.0	16.0
1974	8121.0	5383.0	2738.0	373.0	61.0	376.0	12.0	18.0
1975	3735.0	3491.0	244.0	177.0	13.9	361.0	11.0	40.0
1976	2367.0	2022.0	345.0	188.0	24.0	577.0	11.0	23.0
1977	7345.0	6876.0	469.0	181.0	30.0	1598.0	17.0	15.0
1978	8833.0	7667.0	1166.0	510.0	34.0	1299.0	31.0	15.0
1979	12355.0	8710.0	3645.0	549.0	33.0	1096.0	17.0	22.0
1980	13429.0	10972.0	2457.0	898.0	45.0	912.0	43.0	26.0
1981	14812.0	13070.0	1742.0	766.0	21.0	1029.0	34.0	23.0
1982	16117.0	13534.0	2583.0	474.0	41.0	2177.0	25.0	27.0
1983	13435.0	11019.0	2416.0	223.0	50.0	1900.0	14.0	20.0
1984	10645.0	10000.0	645.0	34.0	23.0	1229.0	18.0	23.0
1985	6171.0	5632.0	539.0	0.4	4.6	1869.4	14.0	31.8
1986	7282.4	5753.5	1528.8	0.2	36.5	1119.4	18.7	32.3
1987	16278.4	13341.3	2937.1	8.8	21.9	1937.5	29.6	31.8
1988	14788.2	13910.2	878.0	73.2	0.0	3789.1	6.0	47.0
1989	16402.8	14703.2	1699.6	626.0	0.0	1453.9	3.0	27.2

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics only report the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, partiucularly in the latter part of the 1980's, are lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating imports and exports.

Sources: (15, pp. 1000–1100), (16, pp. 1273–1275), (17, pp. 462–464), (18, pp. 464–466), (19, pp. 399–401), and (27, p. 438).

Table 256--Input and other product imports, MOFERT statistics, China, 1950-89[1]

Year	Artificial silk	Polyamide fiber	Polyester fiber	Chemical fertilizer	Phosphate rock	Rubber	Timber[2]
	1,000 tons						1,000 c.m.
1950	0.5	0.0	0.0	116	0	64	10
1951	1.2	0.0	0.0	196	0	70	9
1952	1.1	0.0	0.0	212	0	26	12
1953	2.0	0.0	0.0	360	0	75	22
1954	3.5	0.0	0.0	649	0	68	18
1955	4.0	0.0	0.0	817	0	52	27
1956	5.7	0.0	0.0	1,336	12	118	27
1957	8.8	0.0	0.0	1,217	45	127	28
1958	12.2	0.0	0.0	1,967	271	170	54
1959	17.2	0.0	0.0	1,517	641	186	118
1960	15.7	0.0	0.0	1,251	657	131	112
1961	17.3	0.0	0.0	1,133	695	101	203
1962	14.5	0.0	0.0	1,241	594	101	296
1963	12.4	0.0	0.0	2,533	545	114	544
1964	17.2	0.0	0.0	1,808	1,297	149	560
1965	14.9	1.1	0.0	2,735	818	137	1,568
1966	5.1	1.2	0.0	3,148	773	190	1,540
1967	7.2	2.7	0.0	4,880	921	170	120
1968	10.0	4.1	1.6	5,207	1,033	218	111
1969	8.5	3.8	4.1	5,552	967	296	85
1970	7.1	5.1	6.4	6,419	983	199	81
1971	5.4	5.4	10.5	6,404	1,129	206	72
1972	3.3	7.9	18.4	6,762	1,093	221	225
1973	5.1	9.0	28.0	6,283	1,533	268	653
1974	8.7	13.2	48.1	5,102	581	230	934
1975	6.7	8.0	67.3	4,935	338	263	281
1976	8.5	12.9	94.2	4,588	281	200	738
1977	10.8	10.9	141.7	6,396	271	268	539
1978	12.2	12.5	179.7	7,333	412	239	534
1979	10.1	14.5	125.8	8,395	447	263	579
1980	10.0	27.1	251.0	10,018	556	280	1,812
1981	20.8	12.8	341.1	9,307	335	156	1,553
1982	30.0	3.5	169.1	11,108	416	198	4,827
1983	27.0	3.0	72.0	15,192	509	242	6,498
1984	17.0	12.7	300.8	18,356	695	206	8,238
1985	12.0	29.5	447.7	12,833	199	165	10,737
1986	18.1	22.7	198.9	9,490	303	225	7,755
1987	19.6	14.9	81.8	18,903	422	364	7,643
1988	26.4	30.6	222.7	25,467	198	390	10,115
1989	9.7	20.0	178.0	24,271	402	325	5,652

[1] Ministry of Foreign Economic Relations and Trade (MOFERT) statistics only report trade carried out by trading units under their administrative control. The decentralization of trade during the 1980's has seen a rise in trading companies outside the MOFERT system. Therefore, these statistics, particularly in the latter part of the 1980's, are generally lower than the trade figures of China's Customs Administration, which reports all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both import and export statistics. [2] The unit for timber is 1,000 cubic meters.

Sources: (15, pp. 1091-1100), (16, pp. 1266-1267, 1273, 1275), (17, pp. 458-459, 463-464), (18, pp. 460-461, 465-466), (19, pp. 395-396, 399-401), and (27, pp. 437-438).

Table 257--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1983[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Swine, live	107,760	117,180	116,920	111,420	453,280
Poultry, live	21,150	22,270	18,730	17,200	79,350
Beef, fresh or frozen	5,780	6,510	4,940	22,340	39,570
Pork, fresh or frozen	62,190	68,050	151,180	64,300	345,720
Broilers, frozen	11,150	19,280	26,040	21,600	78,070
Rabbit meat, frozen	14,940	16,520	20,760	34,380	86,600
Eggs	19,330	26,930	19,760	19,560	85,580
Food grain	131,120	135,520	154,940	196,760	618,340
Rice (milled)	68,530	66,160	77,170	115,190	327,050
Corn (maize)	0	0	0	0	0
Soybeans	43,370	39,680	43,880	50,520	177,450
Fruits	25,530	7,150	40,710	71,640	145,030
Oranges	12,150	120	20	24,740	37,030
Apples	3,200	350	4,610	31,170	39,330
Walnuts, in shell	2,190	3,760	110	14,300	20,360
Walnut meat	12,510	14,970	290	2,010	29,780
Chestnuts	1,150	50	4,470	68,830	74,500
Sugar	4,160	16,130	6,430	6,260	32,980
Natural honey	25,820	15,990	21,010	23,770	86,590
Tea	107,740	87,480	121,470	143,520	460,210
Canned foods	158,020	184,670	187,480	162,790	692,960
Pork	32,730	60,670	57,090	36,160	186,650
Vegetables	89,230	82,640	92,400	86,470	350,740
Fruits	17,830	17,160	18,760	19,410	73,160
Beer	2,110	3,590	5,200	3,520	14,420
Flue-cured tobacco	30,550	9,900	13,400	16,530	70,380
Goatskin	22,040	20,840	24,400	26,360	93,640
Furskin, raw	12,150	28,760	20,360	10,270	71,540
Minkskin	9,710	24,870	14,360	5,680	54,620
Raw silk	137,790	98,650	143,200	104,570	484,210
Cotton	0	0	0	0	0
Cashmere	9,080	10,410	28,260	20,240	67,990
Rabbit hair	75,660	107,940	104,300	89,300	377,200
Salt	8,190	9,190	10,330	12,550	40,260
Oilseeds, edible	107,540	129,100	93,160	82,350	412,150
Peanuts and shelled peanuts	79,360	83,090	39,520	27,950	229,920
Vegetable oils	22,400	41,090	52,810	28,520	144,820
Cotton yarn	60,580	89,230	267,730	171,870	589,410

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (14, p. 967), (15, p. 368), (16, p. 1142), (17, p. 375), [illegible], p. 378), and (19, p. 313).

Table 258--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1984[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Swine, live	106,820	116,270	119,490	127,480	470,060
Poultry, live	20,820	23,440	23,890	31,150	99,300
Beef, fresh or frozen	12,810	6,610	1,980	15,570	36,970
Pork, fresh or frozen	59,400	126,230	104,250	68,390	358,270
Broilers, frozen	15,160	22,450	20,970	19,030	77,610
Rabbit meat, frozen	19,010	20,280	26,730	33,250	99,270
Eggs	26,930	30,710	23,830	22,220	103,690
Food grain	187,870	384,160	506,380	547,530	1,625,940
Rice (milled)	71,810	110,560	214,000	234,710	631,080
Corn (maize)	0	0	74,040	193,450	267,490
Soybeans	83,360	214,700	167,600	87,010	552,670
Fruits	20,570	5,560	36,110	85,350	147,590
Oranges	10,810	10	10	25,470	36,300
Apples	770	300	2,720	30,720	34,510
Walnuts, in shell	2,530	1,470	270	15,560	19,830
Walnut meat	13,940	10,140	950	530	25,560
Chestnuts	5,760	80	1,570	100,950	108,360
Sugar	4,200	15,320	5,000	5,860	30,380
Natural honey	15,560	15,030	19,220	17,090	66,900
Tea	112,220	162,340	158,690	261,960	695,210
Canned foods	185,200	232,810	228,250	210,200	856,460
Pork	40,450	91,340	87,620	45,390	264,800
Vegetables	109,600	111,010	108,280	121,850	450,740
Fruits	20,140	15,870	15,140	20,320	71,470
Beer	2,220	5,040	6,120	4,970	18,350
Flue-cured tobacco	19,240	21,060	19,200	20,020	79,520
Goatskin	24,730	28,390	32,120	36,280	121,520
Furskin, raw	28,200	40,750	26,820	21,380	117,150
Minkskin	25,510	36,010	18,910	13,560	93,990
Raw silk	92,200	111,960	129,700	145,930	479,790
Cotton	0	224,940	164,240	72,640	461,820
Cashmere	17,440	36,830	31,740	46,920	132,930
Rabbit hair	91,980	86,420	113,850	115,490	407,740
Salt	7,200	9,410	10,340	13,460	40,410
Oilseeds, edible	134,640	178,310	88,140	68,980	470,070
Peanuts and shelled peanuts	88,330	144,260	34,100	17,220	283,910
Vegetable oils	21,870	54,150	85,410	70,670	232,100
Cotton yarn	206,690	205,360	194,160	244,670	850,880

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1984, Nos. 2-4, and 1985, No. 1).

Table 259--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1985[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Swine, live	110,540	114,090	135,380	164,710	524,710
Poultry, live	27,510	35,120	44,290	56,320	163,250
Beef, fresh or frozen	38,070	4,960	26,970	64,810	134,810
Pork, fresh or frozen	68,190	47,410	191,370	183,220	490,200
Broilers, frozen	3,450	5,620	19,570	17,430	46,070
Rabbit meat, frozen	18,840	27,200	21,440	28,770	96,260
Eggs	22,610	22,720	25,990	35,340	106,670
Food grain	745,560	1,053,630	1,018,200	1,233,320	4,050,710
Rice (milled)	124,700	182,150	167,530	199,140	673,510
Corn (maize)	340,220	506,610	623,470	752,970	2,223,280
Soybeans	224,510	283,110	138,870	134,150	780,640
Fruits	28,650	4,330	50,450	155,840	239,270
Oranges	16,600	40	60	53,380	70,080
Apples	110	350	1,440	57,460	59,360
Walnuts, in shell	3,620	1,800	130	22,350	27,890
Walnut meat	26,510	14,050	2,120	3,690	46,370
Chestnuts	1,880	10	780	127,650	130,320
Sugar	5,680	10,340	36,050	37,600	89,680
Natural honey	19,490	19,880	26,670	49,800	115,840
Tea	134,330	219,970	169,810	367,340	891,440
Canned foods	186,390	225,220	396,640	378,580	1,186,830
Pork	32,890	35,530	218,060	137,140	423,620
Vegetables	122,180	151,390	146,750	185,750	606,080
Fruits	17,870	24,390	11,850	28,800	82,900
Beer	4,160	5,840	8,000	8,950	26,950
Flue-cured tobacco	12,950	19,940	19,090	40,250	92,230
Goatskin	34,420	40,150	44,600	55,200	174,370
Furskin, raw	86,600	18,220	26,920	17,900	149,640
Minkskin	81,050	10,460	15,980	10,100	117,590
Raw silk	128,600	166,910	215,750	243,850	755,110
Cotton	237,790	249,120	347,110	452,230	1,286,250
Cashmere	41,900	65,880	40,600	109,640	258,010
Rabbit hair	97,630	114,230	157,700	148,750	518,310
Salt	12,750	12,740	13,740	18,800	58,020
Oilseeds, edible	157,190	185,310	137,430	104,720	584,650
Peanuts and shelled peanuts	101,140	119,920	64,090	36,980	322,130
Vegetable oils	39,860	36,520	146,100	108,890	331,370
Cotton yarn	146,620	186,210	185,390	356,480	874,690

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1985, Nos. 2-4, and 1986, No. 1).

Table 260--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1986[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Swine, live	130,950	152,700	202,710	190,650	677,010
Poultry, live	50,220	54,970	65,400	71,820	242,410
Beef, fresh or frozen	7,280	15,920	55,610	64,050	142,860
Pork, fresh or frozen	61,440	110,150	286,420	171,940	629,950
Broilers, frozen	9,680	18,410	45,980	60,060	134,130
Rabbit meat, frozen	15,040	18,540	22,170	35,330	91,080
Eggs	34,840	25,550	32,160	33,060	125,610
Food grain	940,320	1,467,980	1,150,110	967,030	4,525,440
Rice (milled)	118,790	168,630	192,250	179,460	659,130
Corn (maize)	509,900	632,420	618,060	348,790	2,109,170
Soybeans	143,790	456,950	185,120	235,790	1,021,650
Fruits	36,580	18,300	66,930	192,230	314,040
Oranges	22,170	2,240	130	73,650	98,190
Apples	230	530	569	66,330	67,659
Walnuts, in shell	5,870	5,580	10	34,460	45,920
Walnut meat	17,330	20,570	3,640	7,960	49,500
Chestnuts	2,200	100	3,920	236,750	242,970
Sugar	8,610	44,930	83,490	51,460	188,490
Natural honey	36,460	36,870	63,590	83,030	219,950
Tea	193,980	257,180	296,270	403,250	1,150,680
Canned foods	229,160	289,820	560,130	465,630	1,544,740
Pork	33,340	81,950	277,800	103,940	497,030
Vegetables	149,340	157,730	236,580	273,340	816,990
Fruits	27,570	24,400	21,760	49,380	123,110
Beer	6,430	8,980	10,040	12,680	38,130
Flue-cured tobacco	18,820	34,810	28,350	15,080	97,060
Goatskin	37,780	45,830	48,450	40,280	172,340
Furskin, raw	10,629	14,670	26,610	27,520	79,429
Minkskin	98,950	4,110	9,840	17,400	130,300
Raw silk	121,970	133,000	244,640	328,010	827,620
Cotton	528,560	606,950	442,470	206,450	1,784,430
Cashmere	77,070	40,690	43,210	64,040	225,010
Rabbit hair	78,710	72,710	92,070	21,633	265,123
Salt	13,260	20,900	26,670	20,720	81,550
Oilseeds, edible	153,120	332,420	173,380	182,000	840,920
Peanuts and shelled peanuts	110,790	237,260	88,760	93,430	530,240
Vegetable oils	34,500	53,550	88,730	126,610	303,390
Cotton yarn	184,900	426,540	370,990	495,960	1,478,390

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1986, Nos. 2-4, and 1987, No. 1).

Table 261--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1987[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Swine, live	128,760	190,980	197,680	234,990	752,410
Poultry, live	57,180	64,250	66,030	79,830	267,290
Beef, fresh or frozen	84,120	57,520	33,870	34,660	210,170
Pork, fresh or frozen	91,960	210,390	186,670	155,760	644,780
Broilers, frozen	10,380	14,580	30,070	38,890	93,920
Rabbit meat, frozen	20,210	29,740	40,970	62,650	153,570
Eggs	37,050	40,710	38,360	43,510	159,630
Food grain	857,820	1,156,020	795,480	868,460	3,677,780
Rice (milled)	154,350	218,010	139,390	189,140	700,890
Corn (maize)	23,665	257,810	329,730	378,420	989,625
Soybeans	326,430	569,710	253,770	234,260	1,384,170
Fruits	60,230	17,530	55,010	244,440	377,210
Oranges	31,910	1,580	80	101,500	135,070
Apples	9,550	2,100	2,260	82,290	96,200
Walnuts, in shell	4,490	12,230	520	19,010	36,250
Walnut meat	39,320	41,020	4,350	7,520	92,210
Chestnuts	1,330	2,780	570	238,260	242,940
Sugar	53,990	99,380	134,180	49,560	337,110
Natural honey	48,670	47,630	43,010	60,930	200,240
Tea	239,590	309,520	338,110	467,740	1,354,960
Canned foods	293,960	554,390	618,580	533,120	2,000,050
Pork	32,450	207,690	240,330	101,960	582,430
Vegetables	197,860	257,610	292,120	305,910	1,053,500
Fruits	38,840	55,190	49,970	80,050	224,050
Beer	7,290	10,630	15,230	17,370	50,570
Flue-cured tobacco	11,210	56,050	17,710	48,340	133,310
Goatskin	28,270	22,190	29,010	48,350	127,820
Furskin, raw	66,760	58,360	32,150	16,550	173,820
Minkskin	60,680	4,347	19,130	8,310	92,467
Raw silk	168,330	188,100	176,340	334,590	867,360
Cotton	641,100	894,040	862,140	434,440	2,831,720
Cashmere	51,540	98,660	124,490	200,840	475,530
Rabbit hair	100,560	140,850	139,320	201,460	582,190
Salt	15,370	27,630	24,620	24,730	92,350
Oilseeds, edible	312,580	401,060	174,050	129,290	1,016,980
Peanuts and shelled peanuts	226,910	319,730	93,260	43,500	683,400
Vegetable oils	26,260	32,620	22,780	33,460	115,120
Cotton yarn	396,020	542,780	519,220	535,150	1,993,170

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1987, Nos. 2-4, and 1988, No. 1).

Table 262--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1988[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.[2]		
Swine, live	50,620	57,520	61,250	63,530	232,920
Poultry, live	19,290	16,780	19,890	20,580	76,540
Beef, fresh or frozen	14,420	38,790	33,770	21,000	107,980
Pork, fresh or frozen	17,070	32,020	37,060	29,680	115,830
Broilers, frozen	4,090	7,290	17,990	14,120	43,490
Rabbit meat, frozen	5,570	8,940	7,360	15,520	37,390
Eggs, fresh	9,060	12,030	9,520	10,520	41,130
Food grain	254,420	338,790	294,940	300,920	1,189,070
Rice (milled)	36,970	55,090	46,460	42,470	180,990
Corn (maize)	68,470	109,500	106,010	109,530	393,480
Soybeans	96,240	111,020	91,720	81,960	380,940
Fruits	26,120	9,540	24,590	65,530	125,780
Oranges	15,340	2,500	1,970	18,490	38,300
Apples	6,520	4,460	1,670	26,750	39,400
Walnuts, in shell	790	510	300	6,670	8,270
Walnut meat	8,860	12,110	730	1,820	23,520
Chestnuts	4,550	750	750	55,370	61,420
Sugar	5,690	26,040	24,340	5,980	62,050
Natural honey	5,750	9,070	8,950	13,240	37,010
Tea	64,810	100,520	96,910	139,730	401,970
Canned foods	105,530	175,710	187,150	180,770	649,160
Pork	12,300	43,810	49,300	38,060	143,470
Vegetables	71,760	92,130	88,630	100,560	353,080
Fruits	11,210	13,820	15,120	18,580	58,730
Beer	1,780	6,510	6,380	5,960	20,630
Flue-cured tobacco	8,710	8,590	11,370	12,810	41,480
Goatskin	7,990	9,770	12,210	12,350	42,320
Furskin, raw	30,210	7,560	6,320	7,510	51,600
Minkskin	26,900	4,350	3,420	3,250	37,920
Raw silk	52,430	64,380	82,810	109,060	308,680
Cotton	219,960	195,780	177,100	126,010	718,850
Cashmere	40,800	49,250	41,840	58,720	190,610
Rabbit hair	23,560	29,740	65,270	111,820	230,390
Salt	2,290	3,950	3,710	4,660	14,610
Oilseeds, edible	64,760	106,800	58,200	30,510	260,270
Peanuts and shelled peanuts	44,500	81,450	34,580	9,680	170,210
Vegetable oils	3,900	4,890	3,480	5,100	17,370
Cotton yarn	82,520	146,150	124,170	158,850	511,690

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

[2] Beginning in 1988, the reporting unit for quarterly trade value statistics changed from yuan to U.S. dollars. Because it is unknown exactly how the data are collected or converted by China's Customs Administration, it was decided to present the statistics exactly as reported by China. To convert the data to yuan, see the yuan/U.S. dollar exchange rate table in the appendix.

Sources: (52, 1988, Nos. 2-4, and 1989, No. 1).

Table 263--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1989[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.		
Swine, live	60,280	61,420	59,440	61,270	242,410
Poultry, live	17,980	20,360	19,000	19,600	76,940
Beef, fresh or frozen	10,920	51,470	32,380	11,170	105,940
Pork, fresh or frozen	26,090	44,580	62,770	25,860	159,300
Broilers, frozen	7,440	11,570	15,860	20,450	55,320
Rabbit meat, frozen	7,520	7,480	8,320	11,290	34,610
Eggs	6,900	9,510	5,230	7,370	29,010
Food grain	223,400	344,110	334,040	290,080	1,191,630
Rice (milled)	18,810	27,140	26,170	22,350	94,470
Corn (maize)	83,250	115,910	133,760	105,890	438,810
Soybeans	54,700	110,960	114,370	85,580	365,610
Fruits	20,260	8,270	22,510	57,460	108,500
Oranges	11,740	1,470	0	21,410	34,620
Apples	4,600	3,570	540	18,400	27,110
Walnuts, in shell	1,780	2,320	850	3,700	8,650
Walnut meat	10,530	12,700	580	3,350	27,160
Chestnuts	2,560	430	270	50,690	53,950
Sugar	3,030	21,320	62,960	74,090	161,400
Natural honey	10,070	11,520	14,690	19,860	56,140
Tea	64,100	83,380	110,120	146,610	404,240
Canned foods	136,440	201,360	189,920	146,540	674,260
Pork	13,170	51,630	52,250	30,490	147,540
Vegetables	99,550	92,170	90,150	84,670	366,540
Fruits	10,770	14,750	11,230	14,960	51,710
Beer	4,380	7,760	5,600	7,440	25,180
Flue-cured tobacco	6,480	10,930	10,580	19,670	47,660
Goatskin	8,400	6,160	7,330	8,220	30,110
Furskin, raw	10,840	13,920	9,390	4,970	39,120
Minkskin	9,550	12,430	7,680	4,330	33,990
Raw silk	88,460	104,840	139,470	194,160	526,930
Cotton	70,950	151,320	181,420	27,460	431,150
Cashmere	44,590	54,210	38,340	57,400	194,540
Rabbit hair	52,860	28,990	27,350	28,120	137,320
Oilseeds, edible	54,840	102,020	56,370	35,230	248,460
Peanuts and shelled peanuts	41,500	84,940	39,370	24,150	189,960
Vegetable oils	2,580	3,420	15,520	17,940	39,460
Cotton yarn	91,220	110,760	108,590	113,640	424,210

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1989, Nos. 2-4, and 1990, No. 1).

Table 264--Agricultural commodity exports, Customs statistics, value, China, by quarter, 1990[1]

Exports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.		
Swine, live	57,640	63,270	73,920	76,070	270,900
Poultry, live	19,290	17,850	22,790	24,600	84,530
Beef, fresh or frozen	11,420	44,370	50,460	52,490	158,740
Pork, fresh or frozen	29,080	70,820	51,410	64,170	215,480
Broilers, frozen	9,920	17,770	23,710	23,000	74,400
Rabbit meat, frozen	3,630	6,010	11,010	9,430	30,080
Eggs, fresh	6,200	9,250	5,360	7,790	28,600
Food grain	191,090	275,940	277,110	274,990	1,019,130
Rice (milled)	16,080	15,720	17,040	35,290	84,130
Corn (maize)	51,270	103,010	124,920	124,360	403,560
Soybeans	57,610	63,360	69,600	37,720	228,290
Fruits	23,130	5,590	22,080	52,050	102,850
Oranges	12,270	740	10	18,070	31,090
Apples	6,920	1,500	250	16,920	25,590
Walnuts, in shell	1,020	1,040	440	2,950	5,450
Walnut meat	9,220	5,690	890	2,690	18,490
Chestnuts	1,480	120	180	60,440	62,220
Sugar	51,780	66,290	80,030	31,800	229,900
Natural honey	11,400	18,230	18,030	24,040	71,700
Tea	58,480	104,480	110,680	139,070	412,710
Canned foods	120,450	238,750	169,530	170,290	699,020
Pork	17,610	62,470	43,610	29,190	152,880
Vegetables	61,040	104,220	93,300	102,750	361,310
Fruits	11,790	13,590	9,950	17,920	53,250
Beer	3,440	4,320	4,910	6,900	19,570
Flue-cured tobacco	9,990	16,870	9,270	13,230	49,360
Goatskin	7,200	9,940	8,280	8,660	34,080
Furskin, raw	7,990	12,810	5,400	3,470	29,670
Minkskin	7,050	10,880	4,300	1,920	24,150
Raw silk	49,700	78,680	79,160	154,580	362,120
Cotton	35,450	117,410	121,600	26,070	300,530
Cashmere	35,260	17,930	24,840	63,710	141,740
Rabbit hair	17,550	19,930	26,950	32,370	96,800
Oilseeds, edible	75,130	106,950	84,350	85,770	352,200
Peanuts and shelled peanuts	62,530	75,760	61,600	71,220	271,110
Vegetable oils	16,200	38,880	25,420	14,920	95,420
Cotton yarn	47,510	100,950	111,180	130,560	390,200

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1990, Nos. 2-4, and 1991, No. 1).

Table 265--Agricultural commodity imports, Customs statistics, value, China, by quarter, 1983-84[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
1983:					
Food grain	1,316,870	1,417,340	1,209,920	940,670	4,884,800
Wheat	1,011,510	1,100,300	1,092,110	888,640	4,092,560
Barley	90	11,670	13,980	0	25,740
Corn (maize)	254,650	279,920	73,910	38,370	646,850
Dried beans	20,570	5,590	4,700	80	30,940
Soybeans	60	30	0	40	130
Sugar	253,640	345,910	177,220	92,350	869,120
Coffee and coffee extracts	9,550	4,530	36,750	2,040	52,870
Cocoa beans	12,330	3,100	5,690	11,440	32,560
Natural rubber	90,170	104,670	107,170	180,940	482,950
Synthetic rubber	6,990	10,380	14,690	10,970	43,030
Logs	211,150	221,980	272,200	378,090	1,083,420
Cotton	93,340	104,660	251,620	203,710	653,330
Jute and hemp	14,800	6,630	3,820	0	25,250
Wool	254,860	124,220	54,460	83,630	517,170
Animal oils and fats	375	12,070	14,610	7,380	34,435
Edible vegetable oils	8,770	8,260	29,760	1,740	48,530
Other vegetable oils	5,070	21,750	19,630	8,060	54,510
Oilseeds (other than soybeans)	260	470	1,090	100	1,920
Fertilizer, manufactured	690,080	785,960	545,480	734,180	2,755,700
Ammonium sulphate	5,850	930	10	5,490	12,280
Urea	320,040	377,780	304,000	363,470	1,365,290
Agricultural agents (chemicals)	74,150	92,170	117,390	140,550	424,260
1984:					
Food grain	1,088,870	859,030	917,700	1,159,790	4,025,390
Wheat	1,039,250	802,340	833,020	1,086,530	3,761,140
Barley	0	9,060	8,290	10	17,360
Corn (maize)	15,950	1,520	120	3,850	21,440
Dried beans	7,700	11,370	19,150	230	38,450
Soybeans	0	0	0	10	10
Sugar	106,560	168,300	156,220	141,130	572,210
Coffee and coffee extracts	8,720	3,770	860	1,270	14,620
Cocoa beans	7,890	20,390	25,700	2,530	56,510
Natural rubber	82,630	128,040	123,700	251,380	585,750
Synthetic rubber	14,010	15,330	19,720	54,230	103,290
Logs	321,770	315,380	422,120	468,690	1,527,960
Cotton	45,840	12,160	56,370	60,480	174,850
Jute and hemp	10,800	5,820	830	300	17,750
Wool	95,350	124,980	73,230	47,420	340,980
Animal oils and fats	15,760	14,940	7,110	20,030	57,840
Edible vegetable oils	10,550	3,530	1,940	2,270	18,290
Other vegetable oils	12,030	20,360	29,010	45,760	107,160
Oilseeds (other than soybeans)	390	630	960	390	2,370
Fertilizer, manufactured	666,820	717,350	1,019,440	1,356,130	3,759,740
Ammonium sulphate	5,600	4,800	950	6,820	18,170
Urea	257,190	363,840	460,050	613,250	1,694,330
Agricultural agents (chemicals)	158,610	136,740	97,680	149,710	542,740

[1] See footnote for table 264 describing China's Customs Administration statistics.

Sources: (52, 1983, Nos. 2-4; 1984, Nos. 1-4; and 1985, No. 1).

Table 266---Agricultural commodity imports, Customs statistics, value, China, by quarter, 1985–86[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
1985:					
Food grain	972,840	655,160	549,030	719,390	2,896,420
Wheat	861,590	581,970	497,200	630,950	2,571,710
Barley	0	11,940	0	0	11,940
Corn (maize)	27,850	8,250	80	160	363,500
Dried beans	49,080	170	190	180	49,620
Soybeans	0	0	0	620	620
Sugar	112,140	268,010	231,110	216,940	828,200
Coffee and coffee extracts	860	1,720	2,530	3,480	8,590
Cocoa beans	4,040	8,970	6,190	29,660	48,860
Natural rubber	62,410	91,730	95,520	135,400	385,060
Synthetic rubber	34,270	40,090	56,110	109,910	240,380
Logs	384,260	515,060	663,570	843,520	2,406,410
Cotton	20	170	90	110	390
Jute and hemp	5,090	0	0	0	5,090
Wool	150,780	301,070	323,220	247,150	1,022,220
Animal oils and fats	17,720	22,840	33,650	26,470	100,680
Edible vegetable oils	19,210	2,500	2,160	41,650	65,520
Other vegetable oils	29,740	34,660	26,190	107,490	198,080
Oilseeds (other than soybeans)	310	830	530	420	2,090
Fertilizer, manufactured	1,403,690	1,313,030	930,160	701,010	4,347,890
Ammonium sulphate	9,880	4,090	1,170	0	15,140
Urea	696,220	510,950	403,650	506,140	2,116,960
Agricultural agents (chemicals)	125,530	80,440	68,670	21,220	295,860
1986:					
Food grain	870,000	1,317,000	913,230	566,520	3,666,750
Wheat	716,340	989,200	714,650	380,470	2,800,660
Barley	14,510	21,310	19,310	11,510	[illegible]
Corn (maize)	11,770	82,120	33,260	100,200	227,350
Dried beans	36,140	37,200	2,510	490	76,340
Soybeans	68,380	70,790	76,140	60	215,370
Sugar	112,480	152,980	283,800	223,530	772,790
Coffee and coffee extracts	4,260	10,060	9,800	5,090	29,210
Cocoa beans	31,270	114,910	100,470	6,100	252,750
Natural rubber	86,540	176,380	109,350	200,960	573,230
Synthetic rubber	66,940	7,460	62,480	109,340	246,220
Logs	490,910	577,950	459,610	575,360	2,103,830
Cotton	40	60	420	20	540
Jute and hemp	7,040	28,980	14,880	0	50,900
Wool	313,510	337,490	467,040	590,240	1,708,280
Animal oils and fats	2,040	18,170	25,950	26,540	72,700
Edible vegetable oils	35,210	89,780	27,940	137,420	290,350
Other vegetable oils	37,660	62,020	10,229	144,630	254,539
Oilseeds (other than soybeans)	740	2,410	160	260	3,570
Fertilizer, manufactured	335,810	512,040	830,690	845,450	2,523,990
Ammonium sulphate	0	0	0	30	30
Urea	248,930	245,990	361,630	382,510	1,239,060
Agricultural agents (chemicals)	47,210	38,910	9,400	42,920	138,440

[1] See footnote for table 264 describing China's Customs Administration statistics.

Sources: (52, 1985, Nos. 2–4; 1986, Nos. 1–4; and 1987, No. 1).

Table 267--Agricultural commodity imports, Customs statistics, value, China, by quarter, 1987[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			1,000 yuan		
Food grain	1,015,820	1,804,930	1,863,680	1,850,480	6,534,910
Wheat	660,050	1,368,700	1,429,750	1,618,600	5,077,100
Barley	13,960	20,440	31,670	12,710	78,780
Corn (maize)	118,130	181,630	195,380	65,270	560,410
Dried beans	14,060	11,860	7,610	7,230	40,760
Soybeans	128,200	160	22,660	76,880	227,900
Sugar	62,750	297,320	379,880	367,170	1,107,120
Coffee and coffee extracts	3,690	10,760	13,690	19,710	47,850
Cocoa beans	37,540	60,560	12,390	34,690	145,180
Natural rubber	211,900	234,590	259,720	509,680	1,215,890
Synthetic rubber	60,030	49,210	45,980	34,400	189,620
Logs	353,830	301,330	436,940	484,110	1,576,210
Cotton	0	29,030	14,340	4,230	47,600
Jute and hemp	0	0	25,350	0	25,350
Wool	486,890	612,550	448,770	473,360	2,021,570
Animal oils and fats	21,040	45,410	35,590	49,390	151,430
Edible vegetable oils	132,490	120,150	290,880	157,210	700,730
Other vegetable oils	73,670	45,810	148,540	207,470	475,490
Oilseeds (other than soybeans)	170	740	50	270	1,230
Fertilizer, manufactured	1,001,640	1,204,830	1,187,590	1,828,070	5,222,130
Ammonium sulphate	3,990	3,390	2,200	2,530	12,110
Urea	353,600	368,340	539,220	926,450	2,187,610
Agricultural agents (chemicals)	90,500	68,500	17,690	31,140	207,830

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1987, Nos. 2-4; 1988, Nos. 1-4; and 1989, No. 1).

Table 268--Agricultural commodity imports, Customs statistics, value, China, by quarter, 1988[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.[2]		
Food grain	302,480	465,950	559,280	567,840	1,895,550
Wheat	247,530	431,010	533,120	519,380	1,731,040
Barley	2,030	6,600	0	0	8,630
Corn (maize)	11,520	80	40	420	12,060
Dried beans	2,540	3,640	2,050	3,750	11,980
Soybeans	26,340	0	20	10,720	37,080
Sugar	66,240	195,180	303,260	293,550	858,230
Coffee and coffee extracts	4,010	5,100	3,930	4,500	17,540
Cocoa beans	13,060	6,600	7,580	7,640	34,880
Natural rubber	129,740	109,660	68,370	121,260	429,030
Synthetic rubber	6,860	7,400	16,500	28,440	59,200
Logs	198,410	209,730	273,780	264,960	946,880
Cotton	8,490	20,800	3,930	25,630	58,850
Jute and hemp	0	0	0	320	320
Wool	228,370	191,720	222,190	253,120	895,400
Animal oils and fats	9,110	11,460	11,520	18,280	50,370
Edible vegetable oils	18,270	7,570	21,580	47,400	94,820
Other vegetable oils	30,030	56,970	40,540	100,820	228,360
Oilseeds (other than soybeans)	50	100	150	430	730
Fertilizer, manufactured	402,040	519,800	691,260	722,400	2,335,500
Ammonium sulphate	700	1,220	2,550	2,440	6,910
Urea	206,100	239,530	352,670	419,850	1,218,150
Agricultural agents (chemicals)	31,000	49,310	37,490	38,180	155,980

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

[2] Beginning in 1988, the reporting unit for quarterly trade value statistics changed from yuan to U.S. dollars. Because it is unknown exactly how the data are collected or converted by China's Customs Administration, it was decided to present the statistics exactly as reported by China. To convert the data to yuan, see the yuan/U.S. dollar exchange rate table in the appendix.

Sources: (52, 1987, Nos. 2-4; 1988, Nos. 1-4; and 1989, No. 1).

Table 269--Agricultural commodity imports, Customs statistics, value, China, by quarter, 1989[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.		
Food grain	485,360	1,078,780	726,050	700,510	2,990,700
Wheat	394,240	910,560	623,080	653,320	2,581,200
Rice (milled)	70,460	144,780	72,730	16,050	304,020
Corn (maize)	160	160	490	8,460	9,270
Wheat flour	10,730	10,430	6,360	7,600	35,120
Dried beans	4,190	7,820	3,460	1,010	16,480
Soybeans	60	130	40	50	280
Sugar	89,690	179,700	85,530	74,860	429,780
Coffee and coffee extracts	6,870	5,310	3,500	2,250	17,930
Cocoa beans	9,220	5,100	7,150	14,030	35,500
Natural rubber	50,570	95,690	102,930	127,280	376.470
Synthetic rubber	10,300	13,460	14,390	19,090	57,240
Logs	143,170	186,210	105,850	154,330	589,560
Cotton	40,080	237,800	274,490	156,340	708,710
Wool	183,770	179,680	104,310	67,160	534,920
Animal oils and fats	8,050	14,610	9,850	7,420	39,930
Edible vegetable oils	61,720	115,650	116,890	204,050	498,310
Other vegetable oils	41,430	87,080	81,380	131,230	341,120
Fertilizer, manufactured	507,080	577,510	687,360	591,700	2,363,650
Urea	217,370	296,060	318,570	337,800	1,169,800
Superphosphates	6,710	6,710	5,150	5,440	24,010
Potassium chloride	26,980	52,900	36,300	22,050	138,230
Compound fertilizers	57,940	52,510	71,700	33,050	215,200
Agricultural agents (chemicals)	31,250	72,280	69,130	23,540	196,200

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1989, Nos. 2-4, and 1990, No. 1).

Table 270--Agricultural commodity imports, Customs statistics, value, China, by quarter, 1990[1]

Imports	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
			$1,000 U.S.		
Food grain	528,870	803,960	539,570	480,450	2,352,850
Wheat	481,070	728,950	510,900	435,620	2,156,540
Rice (milled)	5,420	2,300	1,000	2,880	11,600
Corn (maize)	33,850	13,660	40	20	47,570
Wheat flour	3,200	4,930	5,550	5,000	18,680
Dried beans	2,100	4,440	1,710	470	8,720
Soybeans	70	80	70	110	330
Sugar	60,200	149,610	76,130	92,860	378,800
Coffee and coffee extracts	620	1,250	1,990	2,450	6,310
Cocoa beans	2,580	5,820	700	2,810	11,910
Flue-cured tobacco	0	2,280	360	24,650	27,290
Cigarettes	20,940	22,440	23,100	22,800	89,280
Bovine hides and calfskins, raw	7,410	200	1,240	3,270	12,120
Bovine or equine leather	17,570	25,500	26,640	37,650	107,360
Natural rubber	68,840	58,510	62,340	95,850	285,540
Synthetic rubber	12,970	9,270	20,210	24,410	66,860
Logs	58,940	108,390	124,320	168,920	460,570
Pulp	19,140	29,650	80,620	106,860	236,270
Cotton	97,550	172,750	177,560	262,930	710,790
Synthetic fibers, for spinning	78,130	107,460	144,220	224,600	554,410
Polyester fiber	37,810	44,470	50,280	57,700	190,260
Acrylic fiber	38,840	61,500	89,670	162,840	352,850
Wool	34,450	43,650	30,020	37,940	146,060
Wool top	24,970	21,050	37,140	50,830	133,990
Animal oils and fats, unprocessed	3,620	6,220	14,510	13,310	37,660
Edible vegetable oils	117,290	96,620	122,360	192,010	528,280
Other vegetable oils	66,390	72,080	118,490	162,090	419,050
Fertilizer, manufactured	434,480	676,800	812,490	681,340	2,605,110
Urea	181,670	317,410	354,990	302,020	1,156,090
Superphosphates	3,470	3,820	13,120	2,570	22,980
Potassium chloride	39,450	53,420	66,580	83,660	243,110
Compound fertilizers	176,190	234,740	311,380	242,540	964,850
Agricultural agents (chemicals)	39,450	66,220	31,710	39,760	177,140

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1990, Nos. 2-4, and 1991, No. 1).

Table 271--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1983[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	750	820	860	780	3,210
Poultry, live	1,000 head	4,800	5,170	5,600	5,110	20,680
Beef, fresh or frozen	Tons	2,704	2,603	2,003	8,690	16,000
Pork, fresh or frozen	Tons	19,287	20,614	39,368	18,269	97,538
Broilers, frozen	Tons	4,948	8,779	11,973	9,545	35,245
Rabbit meat, frozen	Tons	5,705	6,525	8,331	13,552	34,113
Eggs	Millions	251	320	244	219	1,034
Food grain	1,000 tons	250	260	270	370	1,150
Rice (milled)	1,000 tons	120	100	130	230	580
Corn (maize)	1,000 tons	0	0	0	0	0
Soybeans	1,000 tons	100	80	80	90	350
Fruits	Tons	28,615	11,336	58,499	97,587	196,037
Oranges	Tons	11,107	225	36	30,953	42,321
Apples	Tons	4,133	357	7,557	44,231	56,278
Walnuts, in shell	Tons	1,502	2,193	41	9,684	13,420
Walnut meat	Tons	2,559	3,014	57	415	6,045
Chestnuts	Tons	471	26	2,281	26,458	29,236
Sugar	Tons	7,793	32,956	9,840	9,790	60,379
Natural honey	Tons	16,109	9,896	12,680	14,432	53,117
Tea	Tons	27,964	25,192	31,311	40,595	125,062
Canned foods	Tons	97,030	101,500	105,416	99,730	403,676
Pork	Tons	13,711	22,688	21,638	15,364	73,401
Vegetables	Tons	59,412	54,852	62,053	61,093	237,410
Fruits	Tons	16,359	14,608	14,129	15,377	60,473
Beer	Tons	4,111	6,474	10,034	5,777	26,396
Flue-cured tobacco	Tons	9,151	3,199	4,393	5,760	22,503
Goatskin	1,000 pieces	3,530	3,530	5,020	7,090	19,170
Furskin, raw	1,000 pieces	650	1,530	1,600	1,100	4,880
Minkskin	1,000 pieces	330	960	580	390	2,260
Raw silk	Tons	2,669	2,005	2,665	2,134	9,473
Cotton	Tons	0	0	0	0	0
Cashmere	Tons	113	203	421	393	1,130
Rabbit hair	Tons	1,468	2,209	2,215	2,015	7,907
Salt	1,000 tons	240	240	260	220	960
Oilseeds, edible	Tons	83,680	107,305	87,033	83,131	361,149
Peanuts and shelled peanuts	Tons	55,289	56,111	27,245	17,042	155,687
Vegetable oils	Tons	23,044	51,336	59,548	21,730	155,658
Cotton yarn	Tons	13,475	21,456	37,844	41,764	114,539

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1983, Nos. 2-4, and 1984, No. 1).

Table 272--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1984[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	730	780	780	790	3,080
Poultry, live	1,000 head	4,990	4,950	6,310	7,750	24,000
Beef, fresh or frozen	Tons	4,814	2,602	788	6,430	14,634
Pork, fresh or frozen	Tons	17,373	33,568	29,878	18,778	99,597
Broilers, frozen	Tons	6,797	7,695	7,229	5,657	27,378
Rabbit meat, frozen	Tons	7,407	7,267	9,497	11,179	35,350
Eggs	Millions	262	329	251	252	1,094
Food grain	1,000 tons	330	640	1,000	1,220	3,190
Rice (milled)	1,000 tons	140	200	410	410	1,160
Corn (maize)	1,000 tons	0	0	260	630	890
Soybeans	1,000 tons	130	330	250	130	840
Fruits	Tons	23,555	7,715	46,015	96,940	174,225
Oranges	Tons	9,320	9	11	26,259	35,599
Apples	Tons	1,458	310	3,135	39,110	44,013
Walnuts, in shell	Tons	1,790	989	183	8,283	11,245
Walnut meat	Tons	3,095	2,148	208	113	5,564
Chestnuts	Tons	1,816	37	772	31,288	33,913
Sugar	Tons	6,221	29,237	8,081	8,628	52,167
Natural honey	Tons	9,353	9,148	10,895	8,335	37,731
Tea	Tons	31,293	36,563	29,610	47,806	145,272
Canned foods	Tons	102,112	107,069	100,961	92,243	402,385
Pork	Tons	16,649	30,054	25,947	14,311	86,961
Vegetables	Tons	64,555	60,645	58,827	58,418	242,445
Fruits	Tons	15,171	11,198	10,152	12,472	48,993
Beer	Tons	4,326	7,640	8,753	6,061	26,780
Flue-cured tobacco	Tons	6,189	6,419	5,363	4,985	22,956
Goatskin	1,000 pieces	5,160	4,130	4,020	7,010	20,320
Furskin, raw	1,000 pieces	1,140	1,490	1,890	1,160	5,680
Minkskin	1,000 pieces	630	930	430	380	2,370
Raw silk	Tons	1,756	2,159	2,287	2,340	8,542
Cotton	Tons	44,083	75,235	48,720	20,829	188,867
Cashmere	Tons	269	491	467	568	1,795
Rabbit hair	Tons	2,360	2,047	2,012	1,454	7,873
Salt	1,000 tons	220	240	260	320	1,040
Oilseeds, edible	Tons	93,684	111,859	74,469	56,385	336,397
Peanuts and shelled peanuts	Tons	40,281	74,100	19,245	9,476	143,102
Vegetable oils	Tons	14,129	33,308	44,367	38,962	130,766
Cotton yarn	Tons	42,703	39,838	39,393	45,486	167,420

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1984, Nos. 2-4, and 1985, No. 1).

Table 273--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1985[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	670	660	770	860	2,960
Poultry, live	1,000 head	5,910	6,500	9,750	12,360	34,510
Beef, fresh or frozen	Tons	10,579	1,392	6,200	13,481	31,652
Pork, fresh or frozen	Tons	17,861	14,204	42,774	36,221	111,060
Broilers, frozen	Tons	968	1,571	5,619	4,412	12,571
Rabbit meat, frozen	Tons	5,533	7,050	5,582	6,047	24,211
Eggs	Millions	234	265	255	264	1,018
Food grain	1,000 tons	1,810	2,550	2,380	2,590	9,330
Rice (milled)	1,000 tons	150	300	280	270	1,010
Corn (maize)	1,000 tons	1,200	1,630	1,730	1,780	6,340
Soybeans	1,000 tons	330	410	210	200	1,140
Fruits	Tons	23,638	5,649	52,434	132,392	214,112
Oranges	Tons	11,869	61	50	40,328	52,308
Apples	Tons	147	311	1,584	53,147	55,188
Walnuts, in shell	Tons	1,844	854	79	9,067	11,844
Walnut meat	Tons	4,295	2,491	516	910	8,212
Chestnuts	Tons	453	18	325	30,195	30,991
Sugar	Tons	8,404	20,220	78,672	76,730	184,025
Natural honey	Tons	8,704	9,624	13,333	23,130	54,790
Tea	Tons	22,451	32,777	27,899	53,660	136,787
Canned foods	Tons	68,609	85,136	118,194	117,935	389,874
Pork	Tons	9,899	9,432	50,329	28,929	98,589
Vegetables	Tons	44,717	59,859	57,971	71,220	233,768
Fruits	Tons	10,443	12,221	5,764	12,269	40,697
Beer	Tons	4,234	7,321	8,240	8,224	28,019
Flue-cured tobacco	Tons	3,449	4,208	3,383	6,736	17,777
Goatskin	1,000 pieces	4,230	4,160	4,570	4,830	17,790
Furskin, raw	1,000 pieces	1,590	810	1,170	890	4,460
Minkskin	1,000 pieces	1,210	180	350	230	1,980
Raw silk	Tons	2,018	2,597	3,133	3,144	10,893
Cotton	Tons	59,436	71,340	88,254	127,997	347,026
Cashmere	Tons	439	481	373	775	2,069
Rabbit hair	Tons	1,012	984	1,245	1,209	4,450
Salt	1,000 tons	280	260	270	270	1,070
Oilseeds, edible	Tons	117,360	123,003	95,425	73,816	409,604
Peanuts and shelled peanuts	Tons	48,920	59,721	35,404	19,309	163,354
Vegetable oil	Tons	19,191	15,491	70,016	56,920	161,618
Cotton yarn	Tons	23,506	33,802	33,653	63,767	154,728

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1985, Nos. 2-4, and 1986, No. 1).

Table 274--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1986[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	710	770	840	790	3,110
Poultry, live	1,000 head	9,490	9,620	11,100	12,240	42,450
Beef, fresh or frozen	Tons	2,043	3,011	9,194	11,456	25,704
Pork, fresh or frozen	Tons	13,516	22,044	42,277	26,833	104,670
Broilers, frozen	Tons	2,702	4,554	8,941	11,774	27,971
Rabbit meat, frozen	Tons	2,681	3,028	3,369	4,897	13,975
Eggs	Millions	283	258	263	259	1,063
Food grain	1,000 tons	2,050	3,070	2,310	1,990	9,420
Rice (milled)	1,000 tons	160	270	280	240	950
Corn (maize)	1,000 tons	1,330	1,750	1,540	1,020	5,640
Soybeans	1,000 tons	210	620	230	320	1,380
Fruits	Tons	25,961	17,130	53,258	127,510	223,859
Oranges	Tons	13,302	1,624	194	46,119	61,239
Apples	Tons	290	309	4,176	43,360	48,135
Walnuts, in shell	Tons	2,512	2,401	2	8,871	13,786
Walnut meat	Tons	3,140	3,254	663	1,155	8,212
Chestnuts	Tons	330	16	1,371	37,099	38,816
Sugar	Tons	11,995	70,187	111,059	72,234	265,475
Natural honey	Tons	16,015	15,743	21,345	27,487	80,590
Tea	Tons	30,093	38,834	42,871	60,286	172,084
Canned foods	Tons	78,086	96,747	132,733	137,711	445,277
Pork	Tons	7,699	18,788	43,257	18,920	88,664
Vegetables	Tons	55,702	62,096	77,172	92,163	287,133
Fruits	Tons	10,936	9,633	7,672	19,655	47,896
Beer	Tons	4,933	7,499	7,446	8,489	28,367
Flue-cured tobacco	Tons	3,941	5,391	4,084	1,971	15,387
Goatskin	1,000 pieces	324	4,100	3,700	3,140	11,264
Furskin, raw	1,000 pieces	183	830	1,790	670	3,473
Minkskin	1,000 pieces	135	100	190	260	685
Raw silk	Tons	1,517	1,670	2,641	3,566	9,394
Cotton	Tons	162,563	216,748	121,506	62,340	563,157
Cashmere	Tons	478	282	350	392	1,502
Rabbit hair	Tons	616	592	708	1,640	3,556
Salt	1,000 tons	203	340	340	290	1,173
Oilseeds, edible	Tons	99,255	197,771	103,526	107,767	508,319
Peanuts and shelled peanuts	Tons	53,737	124,449	42,737	41,496	262,419
Vegetable oil	Tons	16,900	30,028	47,831	70,964	165,723
Cotton yarn	Tons	30,330	72,751	53,264	71,857	228,202

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1986, Nos. 2-4, and 1987, No. 1).

Table 275--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1987[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	530	780	790	920	3,020
Poultry, live	1,000 head	9,370	9,860	9,960	11,960	41,150
Beef, fresh or frozen	Tons	12,474	8,905	5,762	6,446	33,587
Pork, fresh or frozen	Tons	15,767	30,601	30,345	23,251	99,964
Broilers, frozen	Tons	2,011	2,827	5,306	6,625	16,769
Rabbit meat, frozen	Tons	3,021	4,018	5,431	8,075	20,545
Eggs	Millions	256	293	269	291	1,109
Food grain	1,000 tons	1,650	2,050	1,610	1,770	7,080
Rice (milled)	1,000 tons	220	330	210	260	1,020
Corn (maize)	1,000 tons	840	870	1,050	1,160	3,920
Soybeans	1,000 tons	420	720	290	280	1,710
Fruits	Tons	36,534	12,166	44,415	150,677	243,792
Oranges	Tons	17,647	950	17	57,546	76,160
Apples	Tons	5,163	978	1,886	52,318	60,345
Walnuts, in shell	Tons	1,243	3,235	222	5,077	9,777
Walnut meat	Tons	4,908	4,878	523	985	11,294
Chestnuts	Tons	216	404	158	35,188	35,966
Sugar	Tons	76,445	129,680	180,516	65,852	452,493
Natural honey	Tons	16,544	17,166	14,472	18,649	66,831
Tea	Tons	31,756	40,105	41,130	61,282	174,273
Canned foods	Tons	101,476	139,754	147,402	148,326	536,958
Pork	Tons	7,208	31,293	36,727	18,529	93,757
Vegetables	Tons	72,586	81,835	84,857	90,565	329,843
Fruits	Tons	16,680	20,388	19,207	31,076	87,351
Beer	Tons	5,436	7,330	9,272	10,389	32,429
Flue-cured tobacco	Tons	1,928	6,999	2,368	5,724	17,019
Goatskin	1,000 pieces	1,980	1,760	1,930	3,700	9,370
Furskin, raw	1,000 pieces	990	1,420	930	510	3,850
Minkskin	1,000 pieces	690	530	180	130	1,530
Raw silk	Tons	1,905	2,076	1,889	3,364	9,234
Cotton	Tons	185,332	254,013	222,930	92,302	754,577
Cashmere	Tons	321	577	731	931	2,560
Rabbit hair	Tons	855	1,155	1,201	1,697	4,908
Salt	Tons	230,933	298,485	280,280	259,389	1,069,087
Oilseeds, edible	Tons	159,055	185,750	103,780	80,353	528,938
Peanuts and shelled peanuts	Tons	81,710	119,152	44,329	22,796	267,987
Vegetable oils	Tons	12,587	16,154	10,380	16,539	55,660
Cotton yarn	Tons	56,520	70,188	59,635	56,621	242,964

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Source: (52, 1987, Nos. 2-4, and 1988, No. 1).

Table 276--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1988[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	720	770	760	780	3,030
Poultry, live	1,000 head	10,640	9,460	11,600	12,490	44,190
Beef, fresh or frozen	Tons	7,699	17,398	17,099	11,789	53,985
Pork, fresh or frozen	Tons	10,193	16,520	20,374	16,398	63,485
Broilers, frozen	Tons	2,672	4,720	10,579	7,689	25,660
Rabbit meat, frozen	Tons	2,515	4,515	3,882	10,063	20,975
Eggs	Millions	209	278	206	230	923
Food grain	1,000 tons	1,440	2,010	1,840	1,890	7,180
Rice (milled)	1,000 tons	150	220	180	160	710
Corn (maize)	1,000 tons	700	1,110	1,080	1,030	3,920
Soybeans	1,000 tons	400	450	360	280	1,490
Fruits	Tons	51,022	20,471	58,904	150,424	280,821
Oranges	Tons	28,434	4,574	2,686	39,011	74,705
Apples	Tons	11,584	7,992	4,131	64,150	87,857
Walnuts, in shell	Tons	757	582	338	6,694	8,371
Walnut meat	Tons	4,083	5,153	335	1,039	10,610
Chestnuts	Tons	2,024	295	302	32,671	35,292
Sugar	Tons	24,329	109,784	98,612	15,076	247,801
Natural honey	Tons	7,340	11,719	11,132	16,285	46,476
Tea	Tons	33,126	47,039	48,075	70,050	198,290
Canned foods	Tons	105,015	145,585	150,698	152,873	554,171
Pork	Tons	9,311	24,191	26,662	21,365	81,529
Vegetables	Tons	69,948	86,143	86,213	90,917	333,221
Fruits	Tons	19,554	21,146	20,486	26,781	87,967
Beer	Tons	3,882	12,215	12,316	10,930	39,343
Flue-cured tobacco	Tons	4,373	4,346	5,019	5,629	19,367
Goatskin	1,000 pieces	2,180	2,500	3,280	3,490	11,450
Furskin, raw	1,000 pieces	1,810	890	730	930	4,360
Minkskin	1,000 pieces	1,090	210	210	220	1,730
Raw silk	Tons	1,876	2,242	2,459	2,827	9,404
Cotton	Tons	133,636	127,071	117,841	89,454	468,002
Cashmere	Tons	655	743	623	689	2,710
Rabbit hair	Tons	769	1,139	2,598	5,229	9,735
Salt	Tons	56,239	83,988	107,428	134,522	382,177
Oilseeds, edible	Tons	129,642	195,873	105,644	79,055	510,214
Peanuts and shelled peanuts	Tons	69,318	120,734	46,080	15,086	251,218
Vegetable oils	Tons	6,490	7,871	4,534	6,608	25,503
Cotton yarn	Tons	30,439	58,999	50,719	65,469	205,626

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1988, Nos. 2-4, and 1989, No. 1).

Table 277--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1989[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	730	750	750	750	2,980
Poultry, live	1,000 head	10,480	11,300	11,390	11,670	44,840
Beef, fresh or frozen	Tons	5,769	24,874	18,069	7,781	56,493
Pork, fresh or frozen	Tons	14,385	23,820	34,781	15,437	88,423
Broilers, frozen	Tons	4,655	6,764	8,549	11,497	31,465
Rabbit meat, frozen	Tons	4,361	4,264	5,257	7,556	21,438
Eggs	Millions	149	208	104	145	606
Food grain	1,000 tons	1,330	1,850	1,840	1,550	6,570
Rice (milled)	1,000 tons	70	90	80	0	240
Corn (maize)	1,000 tons	680	890	1,090	840	3,500
Soybeans	1,000 tons	180	360	400	320	1,260
Fruits	Tons	40,962	20,526	54,136	136,382	252,006
Oranges	Tons	21,418	2,869	0	46,227	70,514
Apples	Tons	9,181	7,006	1,466	52,679	70,332
Walnuts, in shell	Tons	1,716	2,364	977	3,627	8,684
Walnut meat	Tons	4,835	5,813	368	1,829	12,845
Chestnuts	Tons	1,987	273	178	30,858	33,296
Sugar	Tons	5,399	60,571	176,596	187,057	429,623
Natural honey	Tons	12,840	15,045	18,919	24,694	71,498
Tea	Tons	31,970	38,864	55,338	72,227	198,399
Canned foods	Tons	111,276	148,200	151,269	137,610	548,355
Pork	Tons	8,359	27,683	30,943	19,356	86,341
Vegetables	Tons	79,989	79,885	86,119	86,150	332,143
Fruits	Tons	15,483	18,559	14,614	22,743	71,399
Beer	Tons	6,861	12,046	10,231	12,615	41,753
Flue-cured tobacco	Tons	3,479	5,004	4,870	8,578	21,931
Goatskin	1,000 pieces	2,080	1,490	1,580	2,300	7,450
Furskin, raw	1,000 pieces	810	1,360	1,060	570	3,800
Minkskin	1,000 pieces	600	950	610	500	2,660
Raw silk	Tons	2,105	2,407	2,977	3,872	11,361
Cotton	Tons	45,395	93,988	115,615	17,484	272,482
Cashmere	Tons	503	610	431	495	2,039
Rabbit hair	Tons	2,404	1,373	1,200	1,465	6,442
Oilseeds, edible	Tons	88,624	156,865	90,860	55,731	392,080
Peanuts and shelled peanuts	Tons	58,483	116,534	56,631	34,418	266,066
Vegetable oils	Tons	3,080	4,315	24,565	30,139	62,099
Cotton yarn	Tons	39,441	47,384	46,525	50,306	183,656

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1989, Nos. 2-4, and 1990, No. 1).

Table 278--Agricultural commodity exports, Customs statistics, quantity, China, by quarter, 1990[1]

Exports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Swine, live	1,000 head	680	690	800	820	2,990
Poultry, live	1,000 head	11,120	9,980	12,620	14,110	47,830
Beef, fresh or frozen	Tons	7,222	25,770	30,610	32,991	96,593
Pork, fresh or frozen	Tons	17,890	40,789	29,674	35,883	124,236
Broilers, frozen	Tons	6,050	9,666	11,273	10,825	37,814
Rabbit meat, frozen	Tons	2,424	3,973	6,290	4,834	17,521
Eggs	Millions	122	192	117	170	601
Food grain	1,000 tons	940	1,520	1,620	1,750	5,830
Rice (milled)	1,000 tons	50	50	70	160	330
Corn (maize)	1,000 tons	420	360	1,030	1,100	3,410
Soybeans	1,000 tons	250	260	280	150	940
Fruits	Tons	50,484	14,146	46,380	115,288	226,298
Oranges	Tons	24,079	1,705	18	39,822	65,624
Apples	Tons	17,238	3,308	669	41,209	62,424
Walnuts, in shell	Tons	942	1,194	490	2,620	5,246
Walnut meat	Tons	4,377	2,573	465	1,297	8,712
Chestnuts	Tons	1,170	160	222	34,470	36,022
Sugar	Tons	127,855	161,313	195,885	85,441	570,494
Natural honey	Tons	14,738	23,910	21,312	28,045	88,005
Tea	Tons	30,913	49,649	50,757	64,153	195,472
Canned foods	Tons	96,434	183,583	136,701	149,030	565,748
Pork	Tons	11,884	35,290	25,842	17,890	90,906
Vegetables	Tons	59,366	95,761	84,002	93,579	332,708
Fruits	Tons	17,249	19,496	14,373	26,707	77,825
Beer	Tons	6,379	8,284	9,538	11,022	35,223
Flue-cured tobacco	Tons	5,226	9,313	5,042	7,929	27,510
Goatskin	1,000 pieces	2,000	2,330	2,420	2,390	9,140
Furskin, raw	1,000 pieces	910	1,880	1,010	870	4,670
Minkskin	1,000 pieces	610	1,140	660	310	2,720
Raw silk	Tons	1,065	1,620	1,680	3,239	7,604
Cotton	Tons	20,336	64,365	68,485	14,097	167,283
Cashmere	Tons	300	199	225	689	1,413
Rabbit hair	Tons	839	1,031	1,258	1,575	4,703
Oilseeds, edible	Tons	110,448	162,496	130,907	111,672	515,523
Peanuts and shelled peanuts	Tons	92,011	109,512	93,096	92,703	387,322
Vegetable oils	Tons	25,139	58,691	34,941	20,706	139,477
Cotton yarn	Tons	21,057	47,570	49,972	57,557	176,156

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1990, Nos. 2-4, and 1991, No. 1).

Table 279--Agricultural commodity imports, Customs statistics, quantity, China, by quarter, 1983-84[1]

Imports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
1983:						
Food grain	1,000 tons	3,510	3,800	3,480	2,730	13,520
Wheat	1,000 tons	2,570	2,840	3,130	2,660	11,200
Barley	1,000 tons	0	30	40	0	70
Corn (maize)	1,000 tons	850	880	250	130	2,110
Dried beans	1,000 tons	20	10	10	0	40
Soybeans	1,000 tons	0	0	0	0	0
Sugar	Tons	466,949	786,668	394,966	185,478	1,834,061
Coffee and coffee extracts	Tons	5,365	1,484	17,399	882	25,130
Cocoa beans	Tons	4,230	1,110	1,694	2,550	9,584
Natural rubber	Tons	57,090	53,229	45,963	83,571	239,853
Synthetic rubber	Tons	2,527	3,361	4,229	3,897	14,014
Logs	1,000 cubic mtr	1,170	1,330	1,680	2,130	6,230
Cotton	Tons	32,907	40,217	102,815	54,216	230,155
Jute and hemp	Tons	20,475	9,435	5,118	1	35,029
Wool	Tons	42,677	21,937	32,448	13,323	110,385
Animal oils and fats	Tons	3,800	43,262	15,272	7,757	70,091
Edible vegetable oils	Tons	5,861	7,409	20,617	1,142	35,029
Other vegetable oils	Tons	5,869	23,442	18,333	7,068	54,712
Oilseeds (other than soybeans)	Tons	183	726	1,827	63	2,799
Fertilizer, manufactured	Tons	1,741,766	2,227,755	1,736,927	2,288,862	7,995,310
Ammonium sulphate	Tons	36,967	6,051	4	37,089	80,111
Urea	Tons	907,955	1,125,273	989,714	1,229,467	4,252,409
Agricultural agents (chemicals)	Tons	9,640	22,691	11,054	17,243	60,628
1984:						
Food grain	1,000 tons	2,950	2,340	2,390	2,730	10,410
Wheat	1,000 tons	2,830	2,230	2,220	2,590	9,870
Barley	1,000 tons	0	30	20	0	50
Corn (maize)	1,000 tons	40	0	0	10	50
Dried beans	1,000 tons	10	10	20	0	40
Soybeans	1,000 tons	0	0	0	0	0
Sugar	Tons	233,162	351,635	327,164	318,733	1,230,694
Coffee and coffee extracts	Tons	4,037	1,271	101	57	5,466
Cocoa beans	Tons	1,886	4,803	5,272	411	12,372
Natural rubber	Tons	36,502	55,138	58,165	65,861	215,666
Synthetic rubber	Tons	5,219	5,655	6,537	15,392	32,803
Logs	1,000 cubic mtr	1,820	176	207	224	2,427
Cotton	Tons	15,396	3,367	8,065	12,946	39,774
Jute and hemp	Tons	15,220	7,403	830	248	23,701
Wool	Tons	16,052	22,486	11,337	5,876	55,751
Animal oils and fats	Tons	15,160	13,288	5,537	14,499	48,484
Edible vegetable oils	Tons	10,898	1,880	753	830	14,361
Other vegetable oils	Tons	8,159	12,299	14,145	23,970	58,573
Oilseeds (other than soybeans)	Tons	283	439	674	274	1,670
Fertilizer, manufactured	Tons	1,932,222	2,035,915	2,530,480	2,718,642	9,217,259
Ammonium sulphate	Tons	34,963	27,426	5,271	29,194	96,854
Urea	Tons	818,705	1,141,959	1,171,777	1,266,559	4,399,000
Agricultural agents (chemicals)	Tons	16,858	12,041	19,789	10,543	59,231

[1] See footnote for table 278 describing China's Customs Administration statistics.

Sources: (52, 1983, Nos. 2-4; 1984, Nos. 1-4; and 1985, No. 1).

Table 280--Agricultural commodity imports, Customs statistics, quantity, China, by quarter, 1985-86[1]

Imports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
1985:						
Food grain	1,000 tons	1,940	1,420	1,180	1,430	5,970
Wheat	1,000 tons	1,750	1,250	1,080	1,290	5,380
Barley	1,000 tons	0	30	0	0	30
Corn (maize)	1,000 tons	70	20	0	0	90
Dried beans	1,000 tons	40	0	0	0	40
Soybeans	1,000 tons	0	0	0	0	0
Sugar	Tons	266,231	607,582	593,622	441,286	1,908,721
Coffee and coffee extracts	Tons	81	124	113	200	518
Cocoa beans	Tons	680	1,190	854	3,600	6,324
Natural rubber	Tons	27,351	40,715	35,662	59,586	163,313
Synthetic rubber	Tons	15,699	11,860	14,956	29,889	72,404
Logs	1,000 cubic mtr	1,710	2,270	2,690	3,030	9,710
Cotton	Tons	12	60	38	53	163
Jute and hemp	Tons	2,500	0	0	0	2,500
Wool	Tons	18,740	35,176	35,821	23,638	113,375
Animal oils and fats	Tons	11,429	15,287	22,286	17,638	66,641
Edible vegetable oils	Tons	10,629	823	780	22,545	34,777
Other vegetable oils	Tons	12,943	15,401	12,752	68,444	109,540
Oilseeds (other than soybeans)	Tons	191	301	354	255	1,101
Fertilizer, manufactured	Tons	2,457,978	2,224,043	1,675,732	1,251,643	7,609,396
Ammonium sulphate	Tons	30,104	16,002	4,501	0	50,607
Urea	Tons	1,258,609	888,624	763,660	911,244	3,822,137
Agricultural agents (chemicals)	Tons	8,375	5,018	2,308	437	16,138
1986:						
Food grain	1,000 tons	1,840	2,840	1,800	840	7,320
Wheat	1,000 tons	1,610	2,230	1,440	30	5,310
Barley	1,000 tons	40	60	60	260	420
Corn (maize)	1,000 tons	30	220	80	0	330
Dried beans	1,000 tons	30	20	0	0	50
Soybeans	1,000 tons	90	90	10	0	190
Sugar	Tons	233,414	235,983	344,493	368,601	1,182,491
Coffee and coffee extracts	Tons	400	982	310	140	1,832
Cocoa beans	Tons	3,901	12,674	9,916	674	27,165
Natural rubber	Tons	37,542	70,264	38,047	65,176	211,029
Synthetic rubber	Tons	18,171	22,214	15,401	27,965	83,751
Logs	1,000 cubic mtr	1,930	2,260	1,380	159	5,729
Cotton	Tons	18	32	129	8	187
Jute and hemp	Tons	6,087	24,270	10,666	0	41,023
Wool	Tons	29,999	33,843	39,259	49,104	152,205
Animal oils and fats	Tons	15,662	14,127	22,807	21,569	74,165
Edible vegetable oils	Tons	20,954	55,835	19,027	102,164	197,980
Other vegetable oils	Tons	23,534	45,460	81,087	122,073	272,154
Oilseeds (other than soybeans)	Tons	488	1,709	119	281	2,597
Fertilizer, manufactured	Tons	662,615	1,097,803	1,608,780	1,913,735	5,282,933
Ammonium sulphate	Tons	1	0	0	25	26
Urea	Tons	520,772	654,055	875,165	943,064	2,993,056
Agricultural agents (chemicals)	Tons	2,321	2,956	610	1,611	7,498

[1] See footnote for table 278 describing China's Customs Administration statistics.

Sources: (52, 1985, Nos. 2-4; 1986, Nos. 1-4; and 1987, No. 1).

Table 281--Agricultural commodity imports, Customs statistics, quantity, China, by quarter, 1987–88[1]

Imports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
1987:						
Food grain	1,000 tons	2,270	4,470	4,750	4,790	16,280
Wheat	1,000 tons	1,600	3,450	3,770	4,380	13,200
Barley	1,000 tons	40	60	80	30	210
Corn (maize)	1,000 tons	320	510	540	170	1,540
Dried beans	1,000 tons	10	10	10	10	40
Soybeans	1,000 tons	160	0	30	90	280
Sugar	Tons	119,757	486,635	622,703	597,719	1,826,814
Coffee and coffee extracts	Tons	177	300	434	653	1,564
Cocoa beans	Tons	3,594	5,774	1,206	3,900	14,474
Natural rubber	Tons	66,791	71,501	76,703	134,039	349,034
Synthetic rubber	Tons	16,911	13,227	10,267	6,191	46,596
Logs	1,000 cubic mtr	1,150	1,200	1,620	1,650	5,620
Cotton	Tons	0	3,185	2,390	401	5,976
Jute and hemp	Tons	0	0	21,708	0	21,708
Wool	Tons	41,594	48,623	32,078	30,208	152,503
Animal oils and fats	Tons	2,104	33,601	26,587	35,715	98,007
Edible vegetable oils	Tons	97,442	75,837	213,240	134,909	521,428
Other vegetable oils	Tons	53,708	37,980	102,003	134,592	328,283
Oilseeds (other than soybeans)	Tons	96	424	9	156	685
Fertilizer, manufactured	Tons	2,070,170	2,628,682	2,611,409	3,608,132	10,918,393
Ammonium sulphate	Tons	16,486	13,993	7,993	9,540	48,012
Urea	Tons	870,988	1,050,481	1,421,441	2,232,426	5,575,336
Agricultural agents (chemicals)	Tons	4,759	3,287	773	1,243	10,062
1988:						
Food grain	1,000 tons	2,700	3,980	4,740	3,910	15,330
Wheat	1,000 tons	2,380	3,800	4,630	3,730	14,540
Barley	1,000 tons	20	60	0	0	80
Corn (maize)	1,000 tons	110	0	0	0	110
Dried beans	1,000 tons	10	10	10	10	40
Soybeans	1,000 tons	120	0	0	30	150
Sugar	Tons	361,957	915,088	1,316,764	1,115,129	3,708,938
Coffee and coffee extracts	Tons	965	534	807	543	2,849
Cocoa beans	Tons	5,372	3,043	3,876	4,487	16,778
Natural rubber	Tons	121,864	93,914	54,280	92,092	362,150
Synthetic rubber	Tons	4,810	5,256	11,404	19,503	40,973
Logs	1,000 cubic mtr	2,100	2,280	2,640	2,650	9,670
Cotton	Tons	4,805	11,164	2,436	16,369	34,774
Jute and hemp	Tons	0	0	0	750	750
Wool	Tons	51,206	41,835	46,413	47,892	187,346
Animal oils and fats	Tons	22,579	28,756	27,670	40,835	119,840
Edible vegetable oils	Tons	45,009	18,064	48,144	102,504	213,721
Other vegetable oils	Tons	72,775	126,496	86,414	194,450	480,135
Oilseeds (other than soybeans)	Tons	129	268	261	785	1,443
Fertilizer, manufactured	Tons	2,751,020	3,441,757	4,200,192	4,313,356	14,706,325
Ammonium sulphate	Tons	9,499	15,133	28,050	25,825	78,507
Urea	Tons	1,696,706	1,789,230	2,348,357	2,657,954	8,492,247
Agricultural agents (chemicals)	Tons	5,757	10,966	10,031	7,384	34,138

[1] See footnote for table 278 describing China's Customs Administration statistics.

Sources: (52, 1987, Nos. 2–4; 1988, Nos. 1–4; and 1989, No. 1).

Table 282--Agricultural commodity imports, Customs statistics, quantity, China, by quarter, 1989[1]

Imports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Food grain	1,000 tons	2,820	5,910	3,940	3,910	16,580
Wheat	1,000 tons	2,450	5,260	3,510	3,660	14,880
Rice (milled)	1,000 tons	280	570	290	60	1,200
Corn (maize)	1,000 tons	0	0	0	70	70
Wheat flour	1,000 tons	50	40	30	30	150
Dried beans	1,000 tons	10	20	10	0	40
Soybeans	1,000 tons	0	0	0	0	0
Sugar	Tons	322,926	686,388	311,744	259,577	1,580,635
Coffee and coffee extracts	Tons	4,261	887	496	526	6,170
Cocoa beans	Tons	5,008	3,076	5,081	10,815	23,980
Natural rubber	Tons	48,384	88,327	108,886	140,241	385,838
Synthetic rubber	Tons	6,985	9,353	10,058	13,893	40,289
Logs	1,000 cubic mtr	1,480	2,020	1,090	1,380	5,970
Cotton	Tons	31,996	179,835	206,790	100,418	519,039
Wool	Tons	36,609	33,980	20,145	13,654	104,388
Animal oils and fats	Tons	19,530	36,414	24,256	18,001	98,201
Edible vegetable oils	Tons	129,811	238,738	247,166	440,441	1,056,156
Other vegetable oils	Tons	84,116	189,796	185,533	322,495	781,940
Fertilizer, manufactured	Tons	2,784,239	3,314,533	3,908,203	3,926,038	13,933,013
Urea	Tons	1,376,221	1,847,220	2,110,258	2,607,010	7,940,709
Superphosphates	Tons	33,180	41,786	28,561	38,289	141,816
Potassium chloride	Tons	225,272	431,733	297,267	163,975	1,118,247
Compound fertilizers	Tons	250,413	234,358	326,417	153,459	964,647
Agricultural agents (chemicals)	Tons	7,507	13,155	11,546	4,383	36,591

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1989, Nos. 2-4, and 1990, No. 1).

Table 283--Agricultural commodity imports, Customs statistics, quantity, China, by quarter, 1990[1]

Imports	Units	1st quarter	2nd quarter	3rd quarter	4th quarter	Total
Food grain	1,000 tons	2,980	4,430	3,210	3,100	13,720
Wheat	1,000 tons	2,650	3,990	3,060	2,830	12,530
Rice (milled)	1,000 tons	30	10	0	10	50
Corn (maize)	1,000 tons	260	110	0	0	370
Wheat flour	1,000 tons	10	20	20	20	70
Dried beans	1,000 tons	10	10	10	0	30
Soybeans	1,000 tons	0	0	0	0	0
Sugar	Tons	172,173	427,657	226,813	305,479	1,132,122
Coffee and coffee extracts	Tons	116	212	327	332	987
Cocoa beans	Tons	2,201	4,753	700	2,420	10,074
Flue-cured tobacco	Tons	0	716	115	7,790	8,621
Cigarettes	1,000 cartons	6,100	7,760	8,650	8,730	31,240
Bovine hides and calf skins, raw	1,000s	140	20	60	140	360
Bovine or equine leather	Tons	2,608	3,315	2,854	3,856	12,633
Natural rubber	Tons	79,610	68,796	73,710	113,297	335,413
Synthetic rubber	Tons	9,061	6,401	13,681	15,344	44,487
Logs	1,000 cubic mtr	620	1,080	1,060	1,380	4,140
Pulp	Tons	27,202	41,680	114,148	158,721	341,751
Cotton	Tons	56,822	99,603	104,930	155,379	416,734
Synthetic fibers, for spinning	1,000 tons	50	70	100	150	370
Polyester fiber	Tons	26,405	35,517	42,964	48,646	153,532
Acrylic fiber	Tons	21,433	36,674	55,608	102,640	216,355
Wool	Tons	7,593	8,843	6,865	10,028	33,329
Wool top	Tons	3,616	3,091	6,658	9,409	22,774
Animal oils and fats, unprocessed	Tons	8,826	13,237	37,370	34,051	93,484
Edible vegetable oils	Tons	248,468	203,217	264,444	406,704	1,122,833
Other vegetable oils	Tons	176,343	200,483	337,576	475,290	1,189,692
Fertilizer, manufactured	Tons	2,832,394	4,241,541	5,050,160	4,151,850	16,275,945
Urea	Tons	1,480,207	2,261,990	2,523,362	1,881,280	8,146,839
Superphosphates	Tons	20,470	22,417	75,859	15,108	133,854
Potassium chloride	Tons	315,993	469,735	562,815	724,262	2,072,805
Compound fertilizers	Tons	826,585	1,120,859	1,515,615	1,166,339	4,629,398
Agricultural agents (chemicals)	Tons	6,148	11,618	5,601	5,120	28,487

[1] Trade statistics provided by China's Customs Administration report all trade crossing China's borders. However, Customs data include reexports of raw materials imported for processing, inflating both imports and exports. This contrasts with the statistics provided by China's Ministry of Foreign Economic Relations and Trade (MOFERT), which reports only the trade carried out by trading units directly under their administrative control. The decentralization of trade during the 1980's has seen a rapid rise in trade companies outside the MOFERT system. Therefore, national trade data provided by China's Customs Administration are now considered to be more reliable.

Sources: (52, 1990, Nos. 2-4, and 1991, No. 1).

Appendix Tables

The appendix includes two tables: one covering annual and quarterly $U.S./yuan exchange rates since 1960; and the other covering China's annual consumer price index and state employee cost-of-living index during 1950-90.

Table 284--Yuan per U.S. dollar exchange rates, selected annual and quarterly rates, 1960–90

Year	Annual		1st quarter		2nd quarter		3rd quarter		4th quarter	
	Period end	Period average	Period end	Period average	Period end	Period average	Period end	Period average	Period end	Period average
	Yuan per U.S. dollar									
1960	2.462	2.462	na	na	na	na	na	na	2.462	na
1961	2.462	2.462	na	na	na	na	na	na	2.462	na
1962	2.462	2.462	na	na	na	na	na	na	2.462	na
1963	2.462	2.462	na	na	na	na	na	na	2.462	na
1964	2.462	2.462	na	na	na	na	na	na	2.462	na
1965	2.462	2.462	na	na	na	na	na	na	2.462	na
1966	2.462	2.462	na	na	na	na	na	na	2.462	na
1967	2.462	2.462	na	na	na	na	na	na	2.462	na
1968	2.462	2.462	na	na	na	na	na	na	2.462	na
1969	2.462	2.462	na	na	na	na	na	na	2.462	na
1970	2.462	2.462	na	na	na	na	na	na	2.462	na
1971	2.462	2.462	na	na	na	na	na	na	2.462	na
1972	2.240	2.245	na	na	na	na	na	na	2.240	na
1973	2.020	1.989	na	na	na	na	na	na	2.020	na
1974	1.840	1.961	na	na	na	na	na	na	1.840	na
1975	1.966	1.860	na	na	na	na	na	na	1.966	na
1976	1.880	1.941	na	na	na	na	na	na	1.880	na
1977	1.730	1.858	na	na	na	na	na	na	1.730	na
1978	1.577	1.684	na	na	na	na	na	na	1.577	na
1979	1.496	1.555	na	na	na	na	na	na	1.496	na
1980	1.530	1.498	na	na	na	na	na	na	1.530	na
1981	1.746	1.705	na	na	na	na	na	na	1.746	na
1982	1.923	1.893	1.868	1.808	1.931	1.853	1.968	1.938	1.923	1.972
1983	1.981	1.976	1.994	1.953	1.984	1.987	1.975	1.983	1.981	1.979
1984	2.796	2.320	2.059	2.053	2.247	2.161	2.599	2.397	2.796	2.669
1985	3.202	2.937	2.820	2.827	2.878	2.850	2.968	2.913	3.202	3.157
1986	3.722	3.453	3.221	3.207	3.198	3.201	3.715	3.683	3.722	3.720
1987	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722
1988	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722	3.722
1989	4.722	3.765	3.722	3.722	3.722	3.722	3.722	3.722	4.722	3.894
1990	5.222	4.783	4.722	4.722	4.722	4.722	4.722	4.722	5.222	4.967

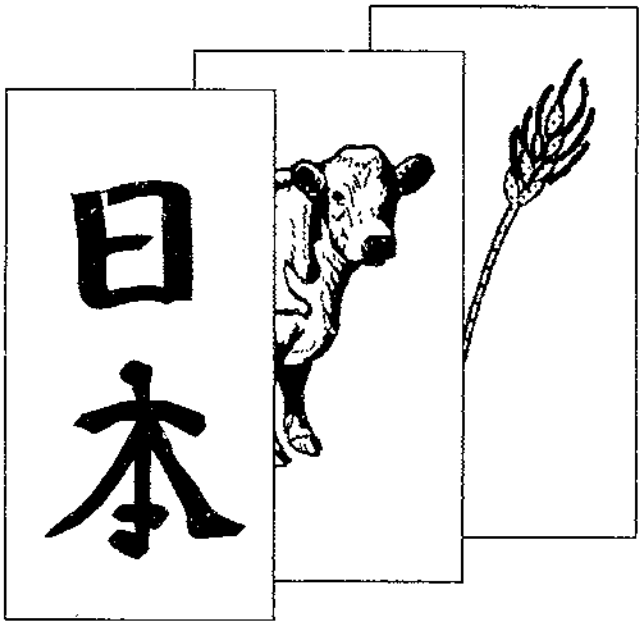
Sources: International Monetary Fund, *International Financial Statistics*, English edition, Washington, DC, various volumes.

Table 285--Consumer Price Index and state employee cost-of-living index, China, 1950-90[1]

Year	1950 = 100		Previous year = 100	
	Consumer Price Index	Cost-of-living index	Consumer Price Index	Cost-of-living index
1950	100	100	100	100
1951	112.2	112.5	112.2	112.5
1952	111.8	115.5	99.6	102.7
1953	115.6	121.4	103.4	105.1
1954	118.3	123.1	102.3	101.4
1955	119.5	123.5	101.0	100.3
1956	119.5	123.4	100.0	99.9
1957	121.3	126.6	101.5	102.6
1958	121.6	125.2	100.2	98.9
1959	122.7	125.6	100.9	100.3
1960	126.5	128.8	103.1	102.5
1961	147.0	149.6	116.2	116.1
1962	152.6	155.3	103.8	103.8
1963	143.6	146.1	94.1	94.1
1964	138.3	140.7	96.3	96.3
1965	134.6	139.0	97.3	98.8
1966	134.2	137.3	99.7	98.8
1967	133.2	136.4	99.3	99.4
1968	133.3	136.5	100.1	100.1
1969	131.8	137.8	98.9	101.0
1970	131.5	137.8	99.8	100.0
1971	130.5	137.7	99.3	99.9
1972	130.2	137.9	99.8	100.2
1973	131.0	138.0	100.6	100.1
1974	131.7	138.9	100.5	100.7
1975	131.9	139.5	100.2	100.4
1976	132.3	139.9	100.3	100.3
1977	135.0	143.7	102.0	102.7
1978	135.9	144.7	100.7	100.7
1979	138.6	147.4	102.0	101.9
1980	146.9	158.5	106.0	107.5
1981	150.4	162.5	102.4	102.5
1982	153.3	165.8	101.9	102.0
1983	155.6	169.1	101.5	102.0
1984	160.0	173.7	102.8	102.7
1985	174.1	194.4	108.8	111.9
1986	184.5	208.0	106.0	107.0
1987	198.0	226.3	107.3	108.8
1988	234.6	273.1	118.5	120.7
1989	276.4	317.6	117.8	116.3
1990	282.2	321.7	102.1	101.3

[1] The Consumer Price Index (CPI) and the state employee cost-of-living index use weighted averages of fixed, negotiated, and free market retail prices.

Source: (35, pp. 229-230).



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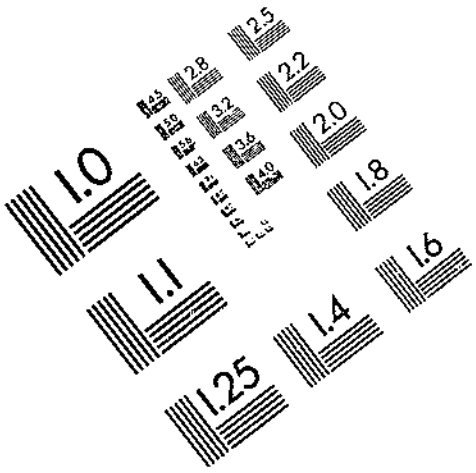

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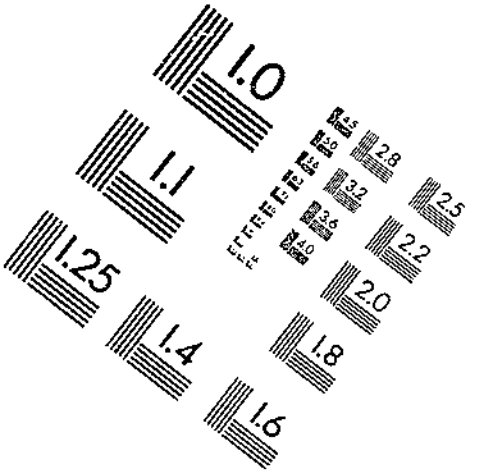

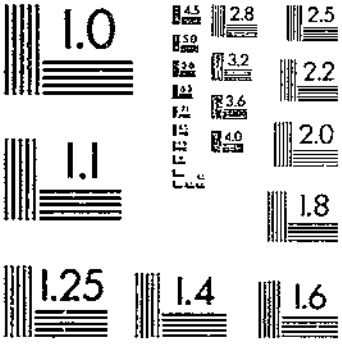

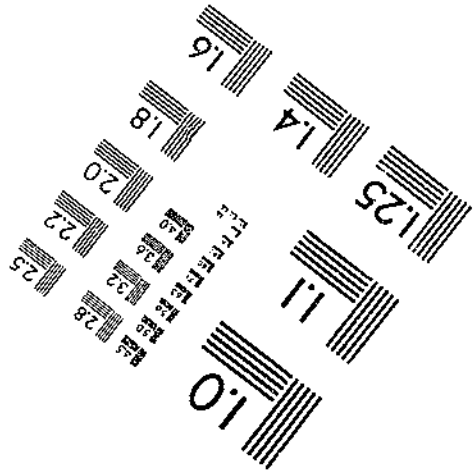

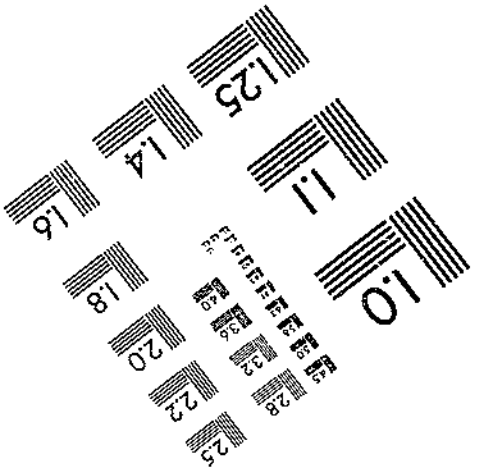

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