

12

农 业

Agriculture

简要说明

一、本篇资料的主要内容及统计范围

本篇资料全面反映我国农林牧渔业生产成果及农业生产条件情况,内容主要包括农林牧渔业产值、主要农产品产量、农业机械拥有量、水利设施与除涝治碱、国营农场基本情况等方面的统计资料。

农业统计范围包括全部农业生产经营户,各省、自治区、直辖市以及新疆生产建设兵团所属的各种经济组织类型、各个系统的全部农林牧渔业生产单位和非农行业单位附属的农林牧渔业生产活动单位,以及所经营的农作物种植地块、养殖场、牧场等,但不包括农业科学试验机构进行的农业生产。

1. 农业:指对各种农作物的种植活动。包括谷物、豆类、薯类、棉花、油料、糖料、麻类、烟叶、蔬菜、园艺作物、水果、坚果、饮料和香料作物、中草药及其他作物的种植。

2. 林业:包括林木的栽培(不包括茶园、桑园和果园的栽培、管理和收获等活动),木材和竹材的采运,林产品的采集。

3. 畜牧业:包括牲畜饲养和放牧,家禽饲养。

4. 渔业:包括水生动物和海藻类植物的养殖和捕捞。

5. 农、林、牧、渔专业及辅助性活动:指对农、林、牧、渔业生产活动进行的各种支持性服务。但不包括各种科学技术和专业性技术服务活动。

二、本篇的资料来源及统计调查方法

1. 农林牧渔业产值情况资料由国家统计局农村社会经济调查司根据《农业产值和价格综合统计报表制度》

的有关资料整理提供。

2. 农业、畜牧业生产及农业生产条件情况资料,由国家统计局农村社会经济调查司根据《农林牧渔业统计报表制度》的有关资料整理提供。农业的稻谷、小麦、玉米等主要粮食作物生产情况实行抽样调查和遥感测量;畜牧业的猪、牛、羊、家禽等主要畜禽生产情况实行抽样调查;农业生产条件情况、其他农作物、园林作物、其他畜禽等生产情况实行全面统计。

3. 林业和渔业生产情况资料,分别来自国家林业和草原局和农业农村部汇总的统计报表,统计调查方法由部门自行确定。

4. 国有农场基本情况资料,来自农业农村部农垦局汇总的统计报表。其统计范围是全国31个省、自治区、直辖市。统计方法为逐级上报、全面汇总。

5. 灌溉、水库等水利设施和除涝、治水、治碱情况资料,主要来源于水利部汇总的统计报表。其统计范围是全国31个省、自治区、直辖市。资料收集以县为基本统计单位,采取逐级汇总上报的方式。有些特殊指标如灌区数、大型水库、跨区域的中小型水库,由上一级直接统计上报。

三、数据使用注意事项

根据第三次全国农业普查结果,按照国际惯例,对2007年以后农业、畜牧业、渔业年报数据及农林牧渔业总产值等数据进行了修订。具体修订情况见相关表的标注。

I. Main Contents and Statistical Scopes

The data in this chapter show comprehensively the production results in agriculture, forestry, animal husbandry, fishery, as well as conditions of agricultural production, including output value of agriculture, forestry, animal husbandry and fishery, output of major products, quantity of agricultural machinery, facilities of water conservancy and efforts to eliminate water-logging and combat alkalinity, basic conditions of state-owned farms.

Statistics on agriculture cover all rural households engaged in production and operation, organizations for agriculture, forestry, animal husbandry, fishery of all types of economic organization and their branches; organizations engaged in agricultural production activities belonging to non-agricultural industry in each province, autonomous region, municipality, Xinjiang Production and Construction Corps; and all crop land, farms, pastures. Agricultural production activities undertaken by agriculture research institutions are not included.

(1) Agriculture: refers to cultivation of farm crops, including cereals, beans, tuber crops, cotton, oil-bearing crops, sugar crops, hemp, tobacco leaves, vegetables, gardening plants, fruits, nuts, crops for beverages and spices, medicinal herbs and other farm crops.

(2) Forestry: includes the planting of trees (excluding the operations of planting, management and harvesting on tea plantations, mulberry fields and orchards), cutting and transport of timber and bamboo and collection of forest products.

(3) Animal husbandry: includes the raising and grazing of domestic animals and poultry.

(4) Fishery: includes cultivation and catching of aquatic animals and seaweed.

(5) Professional and support activities for agriculture, forestry, animal husbandry and fishery: include supporting services to production activities in agriculture, forestry, animal husbandry and fishery, but do not include activities of science and technology and professional services.

II. Data Sources and Survey Methods

(1) Data on output value of agriculture, forestry, animal husbandry and fishery are provided by the Department of Rural Social and Economic Survey of the NBS using data from the *Statistical Reporting System on Agricultural Output and Price*.

(2) Data on production of agriculture, animal husbandry and the agricultural production conditions are

provided by the Department of Rural Social and Economic Survey of the NBS using data from the *Statistical Reporting System on Agriculture, Forestry, Animal Husbandry and Fishery*. Data on major farm crops such as rice, wheat, corn are collected through sample surveys and measurement by remote sensing technology. Data on animal husbandry such as hog, cattle, sheep and poultry are collected from sample surveys. Data on conditions of agricultural production, and on other farm crops, garden crops, and other poultry are collected from comprehensive reporting system by using statistical reporting forms.

(3) Data on the basic conditions of forestry and fishery production come from statistical reports tabulated by the National Forestry and Grassland Administration and by the Ministry of Agriculture and Rural Affairs, with survey methods decided by them respectively.

(4) Data on the basic conditions of the state-owned farms come from the statistical reports tabulated by the Bureau of Reclamation of the Ministry of Agriculture and Rural Affairs. The statistical scope covers 31 provinces, autonomous regions and municipalities directly under the Central Government. Data are collected from the grassroots units in accordance with the statistical reporting scheme whereby reporting is done level by level for aggregation.

(5) Data on irrigation and reservoirs, data on efforts to eliminate water-logging, to prevent floods by water control and to combat alkalinity as well as data on the facilities of water conservancy and the area of water-logging eliminated and the improved area of saline-alkaline land come mainly from statistical reports of the Ministry of Water Resources, which covers 31 provinces, autonomous regions and municipalities directly under the Central Government. Data are collected from individual counties in accordance with the statistical reporting system and are tabulated and reported level by level. Data on some special indicators, such as the number of irrigated areas, large reservoirs and the medium-sized and small reservoirs that cut across regions are collected and reported directly by the higher departments.

III. Notes on Use of Data

According to the results of the Third National Agricultural Census and in line with international practices, data on gross output value of agriculture, forestry, animal husbandry and fishery after 2007 were revised. Please refer to the footnotes of relevant tables for detail.



12-1 农业生产条件与农作物播种面积

Conditions of Agricultural Production and Sown Area of Farm Crops

指 标	Item	2000	2010	2015	2020	2021
农业机械总动力 (万千瓦)	Total Agricultural Machinery Power (10 000 kW)	52573.6	92780.5	111728.1	105622.1	107764.3
大中型拖拉机 (万台)	Number of Large and Medium-sized Tractors (10 000 units)	97.5	392.2	607.3	477.3	498.1
小型拖拉机 (万台)	Number of Small Tractors (10 000 units)	1264.4	1785.8	1703.0	1727.6	1675.0
大中型拖拉机配套农具 (万部)	Number of Large and Medium-sized Tractor Towing Farm Machinery (10 000 units)	140.0	612.9	962.0	459.4	479.7
耕地灌溉面积 (千公顷)	Irrigated Area of Cultivated Land (1 000 hectares)	53820	60348	65873	69161	
农用化肥施用量 (万吨)	Consumption of Chemical Fertilizers (10 000 tons)	4146.4	5561.7	6022.6	5250.7	5191.3
农村用电量 (亿千瓦时)	Electricity Consumed in Rural Areas (100 million kWh)	2421.3	6632.3	9026.9	9717.2	6736.3
农作物总播种面积 (千公顷)	Total Sown Area (1 000 hectares)	156300	158579	166829	167487	168695
粮食	Grain Crops	108463	111695	118963	116768	117631
谷物	Cereals	85264	92621	103225	97964	100177
# 稻谷	Rice	29962	30097	30784	30076	29921
小麦	Wheat	26653	24442	24567	23380	23567
玉米	Corn	23056	34977	44968	41264	43324
豆类	Beans	12660	11053	8433	11593	10121
薯类	Tubers	10538	8021	7305	7210	7333
油料	Oil-bearing Crops	15400	13695	13314	13129	13102
棉花	Cotton	4041	4366	3775	3169	3028
麻类	Fiber Crops	262	91	54	69	57
糖料	Sugar Crops	1514	1809	1573	1568	1458
烟叶	Tobacco	1437	1309	1254	1014	1013
蔬菜	Vegetables	15237	17431	19613	21485	21986
茶园面积 (千公顷)	Area of Tea Plantations (1 000 hectares)	1089	1932	2641	3217	3308
果园面积 (千公顷)	Area of Orchards (1 000 hectares)	8932	10681	11212	12646	12808

注：1 从2016年开始，农业机械总动力中不包括三轮汽车和低速载货汽车动力。

2 2018年，农业农村部修订制度，把大中型拖拉机和小型拖拉机的分类标准由发动机功率14.7千瓦改为22.1千瓦；大中型拖拉机配套农具口径改为“与58.8千瓦及以上拖拉机配套”。同时，取消小型拖拉机配套农具和农用排灌柴油机指标(以下相关表同)。

3 2021年起，“农村用电量”口径调整为农林牧渔业用电量+乡村居民生活用电量，数据来源于中国电力企业联合会。

4 水利部2021年耕地灌溉面积数据暂未对外公布。

a) Since 2016, total agricultural machinery power does not include power of three-wheeled vehicles and low-speed trucks.

b) In 2018, the Ministry of Agriculture revised the classification standard of large and medium-sized tractors and small tractors by changing the engine power from 14.7 kW to 22.1 kW; and the coverage of large and medium-sized tractor towing farm machinery was changed to "matching with 58.8 kW and above tractors". At the same time, indicators on small tractor towing farm machinery and diesel engines for irrigation were cancelled. The same applies to following tables.

c) From 2021, the caliber of "rural power consumption" is adjusted to agricultural, forestry, animal husbandry and fishery power consumption and rural residents' domestic power consumption, and the data is from the China Electricity Council.

d) The data of cultivated land irrigation area of the Ministry of Water Resources in 2021 has not been released.

12-2 主要农牧渔业生产情况

Output of Agriculture, Animal Husbandry and Fishery

指 标	Item	2016	2017	2018	2019	2020	2021
农产品产量 (万吨)	Output of Farm Products (10 000 tons)						
粮食	Grain	66043.5	66160.7	65789.2	66384.3	66949.2	68284.7
谷物	Cereals	61666.5	61520.5	61003.6	61369.7	61674.3	63275.7
# 稻谷	Rice	21109.4	21267.6	21212.9	20961.4	21186.0	21284.2
小麦	Wheat	13318.8	13424.1	13144.0	13359.6	13425.4	13694.4
玉米	Corn	26361.3	25907.1	25717.4	26077.9	26066.5	27255.1
豆类	Beans	1650.7	1841.6	1920.3	2131.9	2287.5	1965.5
# 大豆	Soybeans	1359.5	1528.2	1596.7	1809.2	1960.2	1639.5
薯类	Tubers	2726.3	2798.6	2865.4	2882.7	2987.4	3043.5
油料	Oil-bearing Crops	3400.0	3475.2	3433.4	3493.0	3586.4	3613.2
# 花生	Peanuts	1636.1	1709.2	1733.2	1752.0	1799.3	1830.8
油菜籽	Rapeseeds	1312.8	1327.4	1328.1	1348.5	1404.9	1471.4
芝麻	Sesame	35.2	36.6	43.1	46.7	45.7	45.5
棉花	Cotton	534.3	565.3	610.3	588.9	591.0	573.1
麻类	Fiber Crops	18.1	21.8	20.3	23.4	24.9	21.1
糖料	Sugar Crops	11176.0	11378.8	11937.4	12169.1	12014.0	11454.4
# 甘蔗	Sugarcane	10321.5	10440.4	10809.7	10938.8	10812.1	10666.4
甜菜	Beetroots	854.5	938.4	1127.7	1227.3	1198.4	785.1
烟叶	Tobacco	257.4	239.1	224.1	215.3	213.4	212.8
# 烤烟	Flue-Cured Tobacco	244.5	227.9	211.0	202.1	202.2	202.1
蚕茧	Silkworm Cocoons	80.3	81.7	83.1	83.3	78.8	78.2
# 桑蚕茧	Mulberry Silkworm Cocoons	73.8	75.1	76.4	77.2	73.5	72.7
茶叶	Tea	231.3	246.0	261.0	277.7	293.2	316.4
水果	Fruits	24405.2	25241.9	25688.4	27400.8	28692.4	29970.2
农产品单位面积产量 (公斤/公顷)	Output of Farm Products per Hectare (kg/hectare)						
粮食	Grain	5539	5607	5621	5720	5734	5805
谷物	Cereals	6004	6105	6120	6272	6296	6316
棉花	Cotton	1671	1769	1819	1764	1865	1893
花生	Peanuts	3678	3709	3752	3781	3803	3810
油菜籽	Rapeseeds	1982	1995	2027	2048	2077	2104
芝麻	Sesames	1529	1610	1645	1651	1564	1596
黄红麻	Jute and Ambarry Hemp	5132	5178	5008	4741	3636	3553
甘蔗	Sugarcane	73638	76132	76891	78655	79890	81047
甜菜	Beetroots	55630	53843	52174	56057	56307	55639
烤烟	Flue-Cured Tobacco	2121	2108	2103	2079	2091	2086
大牲畜年底头数(万头)	Number of Large Animals (year-end,10 000 heads)	9559.9	9763.6	9625.5	9877.4	10265.1	10486.8
# 牛	Cattle and Buffaloes	8834.5	9038.7	8915.3	9138.3	9562.1	9817.2
马	Horses	351.2	343.6	347.3	367.1	367.2	372.5
驴	Donkeys	259.3	267.8	253.3	260.1	232.4	196.7
骡	Mules	84.5	81.1	75.8	71.4	62.3	54.2
骆驼	Camels	30.5	32.3	33.8	40.5	41.1	46.2
肉猪出栏头数(万头)	Number of Slaughtered Fattened Hogs (10 000 heads)	70073.9	70202.1	69382.4	54419.2	52704.1	67128.0
猪年底头数(万头)	Number of Hogs (year-end,10 000 heads)	44209.2	44158.9	42817.1	31040.7	40650.4	44922.4
羊年底只数(万只)	Number of Sheep and Goats (year-end,10 000 heads)	29930.5	30231.7	29713.5	30072.1	30654.8	31969.3
山羊	Goats	13691.8	13823.8	13574.7	13723.2	13345.2	13331.6
绵羊	Sheep	16238.8	16407.9	16138.8	16349.0	17309.5	18637.7
肉类产量(万吨)	Output of Meat (10 000 tons)	8628.3	8654.4	8624.6	7758.8	7748.4	8990.0
# 猪牛羊肉	Pork, Beef and Mutton	6502.6	6557.5	6522.9	5410.1	5278.1	6507.5
猪肉	Pork	5425.5	5451.8	5403.7	4255.3	4113.3	5295.9
牛肉	Beef	616.9	634.6	644.1	667.3	672.4	697.5
羊肉	Mutton	460.3	471.1	475.1	487.5	492.3	514.1
奶类(万吨)	Milk (10 000 tons)	3173.9	3148.6	3176.8	3297.6	3529.6	3778.1
# 牛奶	Cow Milk	3064.0	3038.6	3074.6	3201.2	3440.1	3682.7
绵羊毛(吨)	Sheep Wool (ton)	411642	410523	356608	341120	333625	356217
山羊粗毛(吨)	Goat Coarse Wool (ton)	35785	32863	26965	24875	24034	23332
山羊绒(吨)	Cashmere (ton)	18844	17852	15438	14964	15244	15102
禽蛋(万吨)	Poultry Eggs (10 000 tons)	3160.5	3096.3	3128.3	3309.0	3467.8	3408.8
水产品总产量(万吨)	Total Output of Aquatic Products (10 000 tons)	6379.5	6445.3	6457.7	6480.4	6549.0	6690.3
海水产品	Seawater Aquatic Products	3301.3	3321.7	3301.4	3282.5	3314.4	3387.2
淡水产品	Freshwater Aquatic Products	3078.2	3123.6	3156.2	3197.9	3234.6	3303.1



12-3 农、林、牧、渔业总产值及指数
Gross Output Value of Agriculture, Forestry, Animal Husbandry
and Fishery and Related Indices

年份 Year	地区 Region	绝对数 (亿元) Gross Output Value (100 million yuan)					指数 (上年=100) Indices of Gross Output (preceding year=100)				
		农林牧渔业总产值 Total	#农业 Farming	#林业 Forestry	#牧业 Animal Husbandry	#渔业 Fishery	农林牧渔业总产值 Total	#农业 Farming	#林业 Forestry	#牧业 Animal Husbandry	#渔业 Fishery
1978		1397.0	1117.5	48.1	209.3	22.1					
1980		1922.6	1454.1	81.4	354.2	32.9	101.4	99.7	112.2	107.0	107.7
1985		3619.5	2506.4	188.7	798.3	126.1	103.4	99.8	104.5	117.2	118.9
1990		7662.1	4954.3	330.3	1967.0	410.6	107.6	108.0	103.1	107.0	110.0
1995		20340.9	11884.6	709.9	6045.0	1701.3	110.9	107.9	105.0	114.8	119.4
2000		24915.8	13873.6	936.5	7393.1	2712.6	103.6	101.4	105.4	106.3	106.5
2005		39450.9	19613.4	1425.5	13310.8	4016.1	105.7	104.1	103.2	107.8	106.5
2006		40810.8	21522.3	1610.8	12083.9	3970.5	105.4	105.4	105.6	105.0	106.0
2007		48651.8	24444.7	1889.9	16068.6	4427.9	103.9	103.7	109.8	103.2	104.0
2008		57420.8	27679.9	2180.3	20354.2	5137.5	105.6	104.6	108.0	106.7	105.8
2009		59311.3	29983.8	2324.4	19184.6	5514.7	104.6	103.4	106.7	105.5	105.6
2010		67763.1	35909.1	2575.0	20461.1	6263.4	104.4	104.3	103.5	104.2	105.4
2011		78837.0	40339.6	3092.4	25194.2	7337.4	104.4	105.6	107.6	101.7	104.1
2012		86342.2	44845.7	3407.0	26491.2	8403.9	104.9	104.3	106.7	105.2	105.0
2013		93173.7	48943.9	3847.4	27572.4	9254.5	104.0	104.4	107.4	102.0	105.1
2014		97822.5	51851.1	4190.0	27963.4	9877.5	104.3	104.9	106.4	102.6	104.0
2015		101893.5	54205.3	4358.4	28649.3	10339.1	104.0	105.4	106.1	100.5	104.3
2016		106478.7	55659.9	4635.9	30461.2	10892.9	103.5	104.2	108.2	101.1	102.9
2017		109331.7	58059.8	4980.6	29361.2	11577.1	104.0	104.7	106.9	102.1	102.8
2018		113579.5	61452.6	5432.6	28697.4	12131.5	103.5	103.9	106.5	101.7	102.7
2019		123967.9	66066.5	5775.7	33064.3	12572.4	102.8	104.6	105.2	97.9	102.5
2020		137782.2	71748.2	5961.6	40266.7	12775.9	103.4	104.1	104.3	102.0	102.2
2021		147013.4	78339.5	6507.7	39910.8	14507.3	107.9	104.5	104.4	115.6	104.1
北京	Beijing	269.5	123.0	88.8	46.3	4.4	102.8	111.3	91.5	111.3	103.5
天津	Tianjin	509.3	258.4	9.5	142.5	80.9	102.1	101.8	52.7	109.8	99.9
河北	Hebei	7018.7	3645.0	263.7	2239.5	298.0	107.1	103.6	102.6	112.4	107.6
山西	Shanxi	2134.0	1223.1	159.8	624.4	9.1	109.9	104.4	109.4	120.6	108.7
内蒙古	Inner Mongolia	3815.1	1879.6	94.1	1755.3	29.8	105.1	104.8	106.1	105.4	102.7
辽宁	Liaoning	4927.7	2222.5	120.9	1683.9	719.9	105.7	103.6	99.5	110.0	105.5
吉林	Jilin	2972.3	1302.9	72.6	1454.3	54.4	107.5	106.5	101.9	108.0	138.6
黑龙江	Heilongjiang	6460.0	4099.5	208.0	1833.1	135.9	107.1	105.8	109.6	109.5	106.8
上海	Shanghai	268.9	144.9	8.7	45.3	47.7	93.3	95.5	57.7	98.9	86.7
江苏	Jiangsu	8279.7	4426.1	178.2	1215.9	1833.5	104.3	103.2	101.5	112.5	101.1
浙江	Zhejiang	3579.2	1697.9	168.3	402.7	1188.3	103.0	102.5	89.0	111.2	102.0
安徽	Anhui	6004.3	2802.9	412.9	1810.9	621.7	109.3	103.4	98.5	121.3	104.2
福建	Fujian	5201.0	1906.0	424.9	1059.9	1621.5	105.1	104.1	102.3	110.5	102.9
江西	Jiangxi	3998.1	1796.3	398.9	1051.4	548.3	108.9	104.0	104.9	120.2	104.1
山东	Shandong	11468.0	5814.6	219.9	2904.2	1652.6	108.6	104.3	101.7	119.2	105.9
河南	Henan	10501.2	6564.8	134.1	2942.1	143.4	107.1	101.0	104.2	120.4	106.7
湖北	Hubei	8296.4	3912.5	302.7	1990.2	1458.9	114.3	104.1	120.3	136.9	107.3
湖南	Hunan	7662.4	3532.9	455.8	2542.5	570.8	110.4	103.6	109.5	120.6	104.3
广东	Guangdong	8305.8	3951.1	495.4	1707.8	1747.3	107.1	104.7	100.8	115.1	104.6
广西	Guangxi	6524.4	3690.7	538.1	1437.6	555.1	109.2	106.4	107.6	119.0	102.6
海南	Hainan	2014.8	1049.6	118.3	327.7	435.2	105.1	106.1	91.5	108.4	103.0
重庆	Chongqing	2935.6	1759.9	168.1	804.2	138.2	109.2	104.9	116.0	116.4	105.1
四川	Sichuan	9383.3	5089.5	408.4	3305.3	327.8	107.5	105.0	105.4	111.1	105.1
贵州	Guizhou	4692.0	3123.7	319.8	959.0	69.8	109.2	108.8	107.9	110.2	114.6
云南	Yunnan	6351.8	3441.5	497.3	2113.3	112.4	110.4	107.8	105.5	115.0	102.7
西藏	Tibet	255.3	115.3	4.0	129.3	0.3	105.6	107.1	104.2	104.4	154.4
陕西	Shaanxi	4313.4	3035.6	100.0	917.8	35.0	106.7	104.0	113.7	114.6	105.8
甘肃	Gansu	2439.5	1623.2	32.8	619.9	2.0	111.3	106.4	103.4	127.8	102.3
青海	Qinghai	528.5	204.7	13.2	298.6	4.1	104.5	104.7	111.4	104.1	106.8
宁夏	Ningxia	759.8	412.7	11.4	280.7	25.0	104.8	100.9	108.0	110.8	105.4
新疆	Xinjiang	5143.1	3489.0	79.1	1265.7	35.9	108.8	107.3	107.9	113.0	113.7

注：本表绝对数按当年价格计算，指数按可比价格计算。2003年起总产值包括农林牧渔专业及辅助性活动产值。

a) Data in value terms in this table are calculated at current prices, while the indices are calculated at comparable prices. Since 2003, gross output value includes professional and support services for agriculture, forestry, animal husbandry and fishery.

12-4 主要农业机械拥有量 (年底数)
Major Agricultural Machinery at Year-end

年份 Year	地区 Region	农业机械 总动力 (万千瓦) Total Power of Agricultural Machinery (10 000 kW)	大中型拖拉机 Large and Medium-sized Tractors		小型拖拉机 Small Tractors
			数量 (万台) Number (10 000 units)	配套农具 (万部) Towing Farm Machinery (10 000 units)	数量 (万台) Number (10 000 units)
1978		11749.9	55.74	119.20	137.30
1980		14745.7	74.49	136.90	187.40
1985		20912.5	85.24	112.80	382.40
1990		28707.7	81.35	97.40	698.10
1995		36118.1	67.18	99.12	864.64
2000		52573.6	97.45	139.99	1264.37
2005		68397.8	139.60	226.20	1526.89
2006		72522.1	171.82	261.50	1567.90
2007		76589.6	206.27	308.28	1619.11
2008		82190.4	299.52	435.36	1722.41
2009		87496.1	351.58	542.06	1750.90
2010		92780.5	392.17	612.86	1785.79
2011		97734.7	440.65	698.95	1811.27
2012		102559.0	485.24	763.52	1797.23
2013		103906.8	527.02	826.62	1752.28
2014		108056.6	567.95	889.64	1729.77
2015		111728.1	607.29	962.00	1703.04
2016		97245.6	645.35	1028.11	1671.61
2017		98783.3	670.08	1070.03	1634.24
2018		100371.7	421.99	422.57	1818.26
2019		102758.3	443.86	436.47	1780.42
2020		105622.1	477.27	459.44	1727.60
2021		107764.3	498.07	479.69	1674.99
北京	Beijing	121.2	0.42	0.12	0.19
天津	Tianjin	372.5	1.34	2.07	0.34
河北	Hebei	8096.8	32.00	44.25	109.03
山西	Shanxi	1654.2	11.90	10.45	27.28
内蒙古	Inner Mongolia	4239.4	42.38	22.48	82.45
辽宁	Liaoning	2552.6	20.53	17.41	38.53
吉林	Jilin	4149.2	41.68	9.88	87.30
黑龙江	Heilongjiang	6912.1	66.69	57.72	92.17
上海	Shanghai	102.7	0.73	0.43	0.21
江苏	Jiangsu	5148.2	16.33	29.85	52.67
浙江	Zhejiang	1773.7	1.54	1.39	3.94
安徽	Anhui	6924.3	27.69	45.30	195.25
福建	Fujian	1270.5	0.61	0.35	7.80
江西	Jiangxi	2695.4	5.69	4.17	32.25
山东	Shandong	11186.1	51.68	60.49	193.33
河南	Henan	10650.2	41.83	66.09	294.60
湖北	Hubei	4731.5	18.93	20.24	110.93
湖南	Hunan	6676.4	10.76	4.45	21.45
广东	Guangdong	2524.5	2.74	2.62	29.53
广西	Guangxi	3886.3	5.62	3.02	48.56
海南	Hainan	630.8	2.24	1.47	5.79
重庆	Chongqing	1532.5	0.25	0.23	0.46
四川	Sichuan	4833.9	7.67	2.49	14.42
贵州	Guizhou	2705.4	1.66	0.17	10.66
云南	Yunnan	2838.9	6.85	3.85	28.14
西藏	Tibet	595.9	7.14	0.08	21.24
陕西	Shaanxi	2431.2	11.56	12.48	20.30
甘肃	Gansu	2384.8	12.56	8.55	72.63
青海	Qinghai	493.3	1.33	1.37	24.61
宁夏	Ningxia	653.8	5.08	2.86	16.84
新疆	Xinjiang	2995.9	40.67	43.37	32.09



12-5 耕地灌溉面积和农用化肥施用量

Irrigated Area of Cultivated Land and Consumption of Chemical Fertilizers

年份 Year	地区 Region	耕地灌溉 面积 (千公顷) Irrigated Area of Cultivated Land (1 000 hectares)	农用化肥施用量 (万吨) Consumption of Chemical Fertilizers (10 000 tons)	氮肥	磷肥	钾肥	复合肥
				Nitrogenous Fertilizer	Phosphate Fertilizer	Potash Fertilizer	Compound Fertilizer
1978		44965.0	884.0				
1980		44888.1	1269.4	934.2	273.3	34.6	27.2
1985		44035.9	1775.8	1204.9	310.9	80.4	179.6
1990		47403.1	2590.3	1638.4	462.4	147.9	341.6
1995		49281.2	3593.7	2021.9	632.4	268.5	670.8
2000		53820.3	4146.4	2161.6	690.5	376.5	917.9
2005		55029.3	4766.2	2229.3	743.8	489.5	1303.2
2006		55750.5	4927.7	2262.5	769.5	509.7	1385.9
2007		56518.3	5107.8	2297.2	773.0	533.6	1503.0
2008		58471.7	5239.0	2302.9	780.1	545.2	1608.6
2009		59261.4	5404.4	2329.9	797.7	564.3	1698.7
2010		60347.7	5561.7	2353.7	805.6	586.4	1798.5
2011		61681.6	5704.2	2381.4	819.2	605.1	1895.1
2012		62490.5	5838.8	2399.9	828.6	617.7	1990.0
2013		63473.3	5911.9	2394.2	830.6	627.4	2057.5
2014		64539.5	5995.9	2392.9	845.3	641.9	2115.8
2015		65872.6	6022.6	2361.6	843.1	642.3	2175.7
2016		67140.6	5984.4	2310.5	830.0	636.9	2207.1
2017		67815.6	5859.4	2221.8	797.6	619.7	2220.3
2018		68271.6	5653.4	2065.4	728.9	590.3	2268.8
2019		68678.6	5403.6	1930.2	681.6	561.1	2230.7
2020		69160.5	5250.7	1833.9	653.8	541.9	2221.0
2021			5191.3	1745.3	627.1	524.8	2294.0
北京	Beijing	109.4	6.3	2.1	0.3	0.3	3.6
天津	Tianjin	299.1	15.7	4.8	1.8	1.2	7.9
河北	Hebei	4470.0	276.9	96.1	22.0	20.0	138.8
山西	Shanxi	1517.4	105.6	19.7	8.8	7.6	69.5
内蒙古	Inner Mongolia	3199.1	241.9	87.6	46.7	19.9	87.7
辽宁	Liaoning	1632.5	135.0	43.8	8.6	10.6	72.0
吉林	Jilin	1905.4	223.0	42.8	5.0	12.3	162.9
黑龙江	Heilongjiang	6171.6	239.0	75.9	47.6	32.4	83.0
上海	Shanghai	165.0	6.6	2.5	0.3	0.2	3.6
江苏	Jiangsu	4224.7	275.6	131.3	26.5	15.5	102.2
浙江	Zhejiang	1415.7	68.3	23.7	3.9	5.1	35.5
安徽	Anhui	4608.8	284.7	79.4	21.3	22.3	161.7
福建	Fujian	1110.4	96.6	34.6	13.5	18.9	29.6
江西	Jiangxi	2038.5	108.6	28.2	14.0	14.9	51.5
山东	Shandong	5293.6	371.0	104.5	32.3	29.7	204.5
河南	Henan	5463.1	624.7	172.6	80.9	50.7	320.4
湖北	Hubei	3086.0	262.6	96.1	39.7	25.3	101.5
湖南	Hunan	3192.9	219.1	70.7	18.9	33.7	95.8
广东	Guangdong	1776.5	212.9	80.1	26.0	40.8	66.0
广西	Guangxi	1731.0	251.9	68.2	27.6	52.0	104.1
海南	Hainan	292.2	40.8	10.9	2.7	7.4	19.7
重庆	Chongqing	698.3	89.1	42.6	15.5	5.2	25.9
四川	Sichuan	2992.2	207.2	81.8	34.8	14.9	75.6
贵州	Guizhou	1165.5	76.0	30.9	8.5	6.8	29.8
云南	Yunnan	1978.1	187.3	86.5	24.8	21.2	54.8
西藏	Tibet	282.8	4.3	1.2	0.6	0.3	2.3
陕西	Shaanxi	1336.8	200.7	78.1	17.3	23.1	82.3
甘肃	Gansu	1338.6	77.1	30.0	14.3	7.2	25.6
青海	Qinghai	219.2	4.9	1.9	0.5	0.1	2.3
宁夏	Ningxia	552.5	37.5	13.9	3.9	2.9	16.7
新疆	Xinjiang	4893.4	240.7	102.8	58.2	22.3	57.3

注：水利部2021年耕地灌溉面积数据暂未对外公布。表中分省数据为2020年数据。

a) The Ministry of Water Resources has not released the data of cultivated land irrigation area in 2021. The provincial data in the table are 2020 data.

12-6 灌溉、水库和除涝治水情况
Irrigation, Reservoirs, Flood Prevention, Water and Soil Conservation

项 目	Item	2000	2005	2010	2015	2020	2021
万亩以上灌区数 (处)	Number of Irrigated Areas over 10 000 Mu (set)	5683	5860	5795	7773	7713	
3.3万公顷以上	33 000 Hectares and Over	101	117	131	176	172	
2.0-3.3万公顷	20 000-33 000 Hectares	141	170	218	280	282	
灌区有效灌溉面积(万公顷)	Effective Irrigated Area (10 000 hectares)	2449.3	2641.9	2941.5	3230.2	3363.8	
3.3万公顷以上	33 000 Hectares and Over	788.3	1023.0	1091.8	1202.4	1234.4	
2.0-3.3万公顷	20 000-33 000 Hectares	344.0	408.0	474.0	566.3	547.8	
水库 (座)	Number of Reservoirs (unit)	83260	85108	87873	97988	98566	97036
大型水库	Large Reservoir	420	470	552	707	774	805
中型水库	Medium-sized Reservoir	2704	2934	3269	3844	4098	4174
小型水库	Small Reservoir	80136	81704	84052	93437	93694	92057
水库库容量 (亿立方米)	Capacity of Reservoirs (100 million cu.m)	5184	5624	7162	8581	9306	9853
大型水库	Large Reservoir	3842	4197	5594	6812	7410	7944
中型水库	Medium-sized Reservoir	746	826	930	1068	1179	1197
小型水库	Small Reservoir	594	602	638	701	717	712
节水灌溉面积 (万公顷)	Water-saving Irrigated Area (10 000 hectares)	1638.9	2133.8	2731.4	3106.0	3779.6	
除涝面积 (万公顷)	Area with Flood Prevention Measures(10 000 hectares)	2098.9	2133.9	2169.2	2271.3	2458.6	2461.9
水土流失治理面积(万公顷)	Area with Soil Erosion under Control (10 000 hectares)	8096.0	9465.0	10680.0	11557.8	14312.2	14955.2
堤防长度 (万公里)	Total Length of Dikes (10 000 km)	27.0	27.7	29.4	29.1	32.8	33.1
堤防保护面积 (万公顷)	Area of Land Protected by Dikes (10 000 hectares)	3960.0	4412.0	4683.1	4084.4	4216.8	4219.2

注：1.大型水库库容：1亿立方米以上；中型水库库容：1千万至1亿立方米；小型水库库容：10万至1千万立方米。堤防长度为5级及以上堤防。

2.水利部2021年灌溉类相关数据暂未对外公布。

a) The capacity of the large-scale reservoir is over 100 million cubic meters, while that of the medium-scale one is from 10-100 million cubic meters, and that of the small-scale one is from 0.1-10 million cubic meters. The length of dikes is at Grade 5 and above.

b) The Ministry of Water Resources has not released the irrigation related data in 2021.



12-7 分地区水利设施和除涝面积 (2021年)
Water Conservancy Facilities and Area with Flood Prevention
Measures by Region (2021)

地 区 Region	水库数 (座) Number of Reservoirs (unit)	水库总库容量 (亿立方米) Capacity of Reservoirs (100 million cu.m)	除涝面积 (千公顷) Area with Flood Prevention Measures (1 000 hectares)	水土流失治理面积 (千公顷) Area with Soil Erosion under Control (1 000 hectares)	
全 国	National Total	97036	9853	24618.7	149552.1
北 京	Beijing	83	52	12.0	978.0
天 津	Tianjin	23	25	362.2	104.0
河 北	Hebei	1021	208	1610.1	6147.0
山 西	Shanxi	617	71	89.3	7731.9
内 蒙 古	Inner Mongolia	516	185	277.0	15959.2
辽 宁	Liaoning	767	374	931.8	5936.1
吉 林	Jilin	1500	326	1033.8	3004.1
黑 龙 江	Heilongjiang	899	201	3360.9	6269.7
上 海	Shanghai	6	6	53.4	
江 苏	Jiangsu	931	35	4526.3	959.9
浙 江	Zhejiang	4299	449	580.9	3702.6
安 徽	Anhui	5683	207	2515.4	2219.0
福 建	Fujian	3647	204	171.2	4146.5
江 西	Jiangxi	10666	354	456.3	6333.4
山 东	Shandong	5721	184	3057.6	4583.1
河 南	Henan	2538	438	2191.1	4141.8
湖 北	Hubei	6857	1247	1429.8	6568.5
湖 南	Hunan	13634	545	437.4	4244.9
广 东	Guangdong	7665	453	552.7	2034.5
广 西	Guangxi	4541	723	237.7	3237.3
海 南	Hainan	1108	114	41.6	147.3
重 庆	Chongqing	3101	128		3947.3
四 川	Sichuan	8254	751	103.2	11501.8
贵 州	Guizhou	2631	490	128.6	7899.9
云 南	Yunnan	7498	1178	312.0	11092.9
西 藏	Tibet	150	44	4.1	804.2
陕 西	Shaanxi	1098	111	103.6	8350.5
甘 肃	Gansu	373	114	16.0	10829.5
青 海	Qinghai	203	372		1702.2
宁 夏	Ningxia	331	26		2567.9
新 疆	Xinjiang	675	238	22.6	2407.1

12-8 农作物播种面积 Sown Areas of Farm Crops

单位：千公顷

(1 000 hectares)

年份 地区	Year Region	农作物总 播种面积 Total Sown Area	粮食作物 播种面积 Sown Area of Grain Crops	谷物 Cereals			豆类 Beans		
				#稻谷 Rice	#小麦 Wheat	#玉米 Corn	#大豆 Soybeans		
1978		150104	120587		34421	29183	19961	7144	
1980		146380	117234		33878	28844	20087	7226	
1985		143626	108845		32070	29218	17694	7718	
1990		148362	113466		33064	30753	21401	7560	
1995		149879	110060	89310	30744	28860	22776	8127	
2000		156300	108463	85264	29962	26653	23056	9307	
2005		155488	104278	81874	28847	22793	26358	9591	
2006		152149	104958	84931	28938	23613	28463	9304	
2007		153010	105999	86388	28973	23762	30024	8801	
2008		155566	107545	87499	29350	23704	30981	9225	
2009		157242	110255	90383	29793	24425	32948	9339	
2010		158579	111695	92621	30097	24442	34977	8700	
2011		160360	112980	94615	30338	24507	36767	8103	
2012		162071	114368	97142	30476	24551	39109	7405	
2013		163702	115908	99288	30710	24440	41299	7050	
2014		165183	117455	101087	30765	24443	42997	7098	
2015		166829	118963	103225	30784	24567	44968	6827	
2016		166939	119230	102702	30746	24666	44178	7599	
2017		166332	117989	100765	30747	24478	42399	8245	
2018		165902	117038	99671	30189	24266	42130	8413	
2019		165931	116064	97847	29694	23728	41284	9332	
2020		167487	116768	97964	30076	23380	41264	9882	
2021		168695	117631	100177	29921	23567	43324	8415	
北京	Beijing	117.8	60.9	57.6	0.3	13.1	42.8	1.7	1.4
天津	Tianjin	437.0	373.5	369.5	58.5	118.5	185.6	2.6	2.4
河北	Hebei	8097.2	6428.6	6109.3	78.4	2246.6	3454.1	96.7	66.8
山西	Shanxi	3588.0	3138.1	2800.1	2.6	536.8	1772.6	145.1	92.2
内蒙古	Inner Mongolia	8743.3	6884.3	5571.9	155.1	442.1	4204.6	1042.0	893.2
辽宁	Liaoning	4328.9	3543.6	3369.1	520.6	2.7	2724.2	113.5	103.9
吉林	Jilin	6187.1	5721.3	5366.6	837.3	4.5	4401.2	311.8	252.7
黑龙江	Heilongjiang	15065.0	14551.3	10493.9	3867.4	67.3	6524.2	3991.1	3887.8
上海	Shanghai	264.3	117.4	116.7	103.8	10.9	1.0	0.5	0.5
江苏	Jiangsu	7514.4	5427.5	5119.9	2219.2	2357.9	500.6	267.9	192.8
浙江	Zhejiang	2014.6	1006.7	817.3	633.4	114.8	58.0	108.0	76.0
安徽	Anhui	8886.8	7309.6	6622.8	2512.2	2846.0	1252.7	627.1	587.2
福建	Fujian	1651.9	835.1	637.8	599.4	0.1	34.0	42.6	34.6
江西	Jiangxi	5672.9	3772.8	3490.0	3419.2	13.6	50.9	141.4	106.0
山东	Shandong	10948.6	8355.1	8040.0	113.0	3994.0	3897.0	187.5	182.8
河南	Henan	14705.1	10772.3	10194.5	608.2	5690.7	3853.3	364.3	333.2
湖北	Hubei	8109.2	4686.0	4103.1	2272.6	1052.1	762.7	254.1	223.8
湖南	Hunan	8504.3	4758.4	4411.3	3971.1	23.4	397.6	156.0	117.8
广东	Guangdong	4498.4	2213.0	1958.8	1827.4	0.2	129.8	42.9	32.6
广西	Guangxi	6177.5	2822.9	2391.6	1756.7	3.8	615.0	164.0	101.5
海南	Hainan	684.8	271.4	226.6	226.6			5.1	1.8
重庆	Chongqing	3409.3	2013.2	1142.7	658.9	18.7	443.8	203.9	99.4
四川	Sichuan	9999.9	6357.7	4463.3	1875.0	582.9	1849.4	615.2	443.4
贵州	Guizhou	5422.9	2787.7	1496.6	645.2	135.3	550.4	340.5	211.7
云南	Yunnan	7057.2	4191.4	3126.5	753.8	291.1	1879.4	464.4	149.6
西藏	Tibet	274.2	186.5	179.8	0.8	32.5	4.8	5.2	0.1
陕西	Shaanxi	4189.3	3004.3	2463.4	106.1	955.1	1182.5	201.6	151.4
甘肃	Gansu	3997.9	2676.8	1930.0	3.1	711.3	1051.8	160.7	47.5
青海	Qinghai	583.9	302.4	216.8		98.8	22.5	15.1	
宁夏	Ningxia	1175.9	689.3	580.4	50.8	67.0	367.4	8.9	2.4
新疆	Xinjiang	6387.4	2371.7	2309.2	44.3	1135.3	1110.3	39.3	19.0

12-8 续表 1 continued

单位: 千公顷

(1 000 hectares)

年份 Year	地区 Region	薯类 Tubers	棉花 Cotton	油料 Oil-bearing Crops	#花生 Peanuts	#油菜籽 Rapeseeds	#芝麻 Sesame	麻类 Fiber Crops	糖料 Sugar Crops
1978		11796	4866	6222	1768	2600	638	751	879
1980		10153	4920	7928	2339	2844	776	666	922
1985		8572	5140	11800	3318	4494	1052	1231	1525
1990		9121	5588	10900	2907	5503	669	495	1679
1995		9519	5422	13102	3809	6907	642	376	1820
2000		10538	4041	15400	4855	7494	784	262	1514
2005		9503	5062	14318	4662	7278	593	335	1564
2006		7877	5816	11738	3956	5984	564	283	1567
2007		7902	5199	12344	4128	6140	450	219	1756
2008		8057	5278	13232	4362	6838	428	176	1926
2009		8088	4485	13445	4281	7170	413	115	1804
2010		8021	4366	13695	4374	7316	357	91	1809
2011		7998	4524	13471	4336	7192	335	79	1834
2012		7821	4360	13435	4401	7187	324	69	1887
2013		7727	4162	13438	4396	7193	300	63	1844
2014		7544	4176	13395	4370	7158	303	58	1737
2015		7305	3775	13314	4386	7028	301	54	1573
2016		7241	3198	13191	4448	6623	230	54	1555
2017		7173	3195	13223	4608	6653	228	58	1546
2018		7180	3354	12872	4620	6551	262	57	1623
2019		7142	3339	12925	4633	6583	283	66	1610
2020		7210	3169	13129	4731	6765	292	69	1568
2021		7333	3028	13102	4805	6992	285	57	1458
北京	Beijing	1.6	0.0	1.5	1.3	0.0	0.0		
天津	Tianjin	1.4	3.7	0.9	0.8	0.0	0.0		0.0
河北	Hebei	222.6	139.8	350.3	247.3	32.0	1.9	0.0	8.1
山西	Shanxi	192.8	0.7	84.3	5.0	18.8	1.5	0.6	0.1
内蒙古	Inner Mongolia	270.4	0.0	815.7	68.4	223.9	0.2	0.4	76.2
辽宁	Liaoning	61.0		334.8	332.3	0.6	0.0		0.2
吉林	Jilin	42.9		254.6	242.6		0.3		0.3
黑龙江	Heilongjiang	66.3		41.1	22.8	0.2	0.0	15.9	3.4
上海	Shanghai	0.2	0.0	1.6	0.1	1.4	0.0		0.0
江苏	Jiangsu	39.8	5.8	296.4	97.2	193.1	5.9	0.2	3.2
浙江	Zhejiang	81.4	4.0	141.9	16.3	120.1	4.9	0.0	6.7
安徽	Anhui	59.7	34.4	542.2	146.2	372.9	13.5	2.1	2.5
福建	Fujian	154.8	0.0	80.4	73.7	6.3	0.3	0.0	5.2
江西	Jiangxi	141.4	11.0	713.4	177.2	504.5	31.5	2.3	13.4
山东	Shandong	127.6	110.2	646.8	631.7	9.3	0.7	0.0	0.0
河南	Henan	213.5	11.5	1604.4	1292.9	189.9	115.2	1.3	1.4
湖北	Hubei	328.8	120.7	1429.5	244.7	1094.0	77.3	3.5	6.3
湖南	Hunan	191.2	60.2	1479.8	114.0	1351.6	11.4	1.6	7.5
广东	Guangdong	211.4		357.4	349.7	4.4	3.2	0.1	150.1
广西	Guangxi	267.3	1.1	267.1	226.3	35.1	3.0	2.6	857.8
海南	Hainan	39.7		30.5	29.7		0.7	0.0	16.8
重庆	Chongqing	666.6		338.0	63.5	261.5	4.1	1.8	1.9
四川	Sichuan	1279.3	2.1	1652.0	290.2	1354.1	1.8	18.3	9.7
贵州	Guizhou	950.7	0.4	502.6	46.5	446.7	0.4	0.2	9.1
云南	Yunnan	600.5		305.8	44.0	253.2	0.1	0.6	227.8
西藏	Tibet	1.5		19.0	0.1	19.0			
陕西	Shaanxi	339.4	0.3	263.8	38.0	178.4	7.1	0.4	0.1
甘肃	Gansu	586.1	16.2	262.7	0.4	144.0	0.0	1.0	2.6
青海	Qinghai	70.5		143.5		142.4			
宁夏	Ningxia	100.0		27.3	0.0	4.2			0.0
新疆	Xinjiang	23.1	2506.1	113.2	2.4	29.8	0.2	3.7	47.6

12-8 续表 2 continued

单位: 千公顷

(1 000 hectares)

年份 Year	地区 Region			烟 叶		蔬 菜 Vegetables	茶 园 Tea Plantations	果 园 Orchards
		#甘蔗 Sugarcane	#甜 菜 Beetroots	Tobacco	#烤 烟 Flue-cured Tobacco			
1978		549	331	784	613	3331	1048	1657
1980		480	443	512	397	3163	1041	1783
1985		965	560	1313	1077	4753	1045	2736
1990		1009	670	1593	1342	6338	1061	5179
1995		1125	695	1470	1309	9515	1115	8091
2000		1185	329	1437	1269	15237	1089	8932
2005		1354	210	1363	1245	17721	1352	10035
2006		1378	189	1189	1088	16639	1431	10123
2007		1531	225	1180	1094	17557	1599	10119
2008		1709	218	1302	1219	17859	1716	10221
2009		1643	161	1329	1223	17818	1830	10454
2010		1624	185	1309	1209	17431	1932	10681
2011		1644	191	1418	1325	17910	2056	10808
2012		1696	191	1544	1446	18497	2201	10990
2013		1704	140	1552	1472	18836	2367	11043
2014		1638	99	1398	1330	19224	2526	11608
2015		1476	96	1254	1197	19613	2641	11212
2016		1402	154	1208	1153	19553	2723	10917
2017		1371	174	1131	1081	19981	2849	11149
2018		1406	216	1058	1003	20439	2986	11875
2019		1391	219	1027	972	20863	3105	12277
2020		1353	213	1014	967	21485	3217	12646
2021		1316	141	1013	969	21986	3308	12808
北 京	Beijing			0.0		44.6		39.6
天 津	Tianjin	0.0		0.0		52.3		22.4
河 北	Hebei		8.1	1.2	0.7	814.0	0.0	472.5
山 西	Shanxi		0.1	1.5	1.5	216.2	1.1	387.7
内 蒙 古	Inner Mongolia		76.1	0.8	0.5	181.9	0.0	104.6
辽 宁	Liaoning		0.2	4.3	3.5	328.8		347.0
吉 林	Jilin		0.3	8.1	4.0	130.7		28.7
黑 龙 江	Heilongjiang		3.4	9.5	8.9	157.4		45.0
上 海	Shanghai	0.0				85.2	0.2	12.6
江 苏	Jiangsu	0.7	2.5	0.0	0.0	1453.0	34.2	190.7
浙 江	Zhejiang	6.7		0.4	0.2	664.2	206.2	301.2
安 徽	Anhui	1.7		8.6	8.6	749.4	205.0	168.5
福 建	Fujian	5.2		49.1	49.0	611.1	232.1	368.4
江 西	Jiangxi	13.4		12.7	12.6	686.3	117.1	427.3
山 东	Shandong		0.0	18.0	17.9	1524.7	26.9	610.6
河 南	Henan	1.4		76.4	76.2	1758.1	115.8	404.2
湖 北	Hubei	6.3		39.1	34.1	1309.9	369.1	410.3
湖 南	Hunan	7.5		87.6	86.7	1391.5	203.3	568.6
广 东	Guangdong	150.1		15.8	14.1	1392.2	89.3	1050.8
广 西	Guangxi	857.8		10.2	8.5	1596.3	96.1	1389.3
海 南	Hainan	16.8		0.2	0.2	262.9	2.3	191.0
重 庆	Chongqing	1.9		27.0	22.1	791.4	54.3	355.1
四 川	Sichuan	9.6	0.0	72.6	67.5	1480.4	404.8	837.4
贵 州	Guizhou	9.1	0.0	136.8	130.2	1514.4	472.2	802.1
云 南	Yunnan	227.8		408.6	397.6	1291.6	504.6	708.4
西 藏	Tibet			0.0	0.0	29.4	4.3	5.1
陕 西	Shaanxi	0.1	0.0	22.7	22.6	538.5	156.5	1169.7
甘 肃	Gansu		2.6	1.6	1.5	434.1	12.3	328.3
青 海	Qinghai			0.0		42.3		6.7
宁 夏	Ningxia		0.0	0.2	0.2	131.8		104.0
新 疆	Xinjiang		47.6			321.1		950.0

12-9 主要农作物种植结构

Planting Structure of Major Farm Crops

单位: %

(%)

项 目	Item	1995	2000	2005	2010	2015	2020	2021
农作物总播种面积	Total Sown Area of Farm Crops	100.00	100.00	100.00	100.00	100.00	100.00	100.00
粮食作物	Grain Crops	73.43	69.39	67.07	70.43	71.31	69.72	69.73
谷物	Cereals	59.59	54.55	52.66	58.41	61.87	58.49	59.38
稻谷	Rice	20.51	19.17	18.55	18.98	18.45	17.96	17.74
小麦	Wheat	19.26	17.05	14.66	15.41	14.73	13.96	13.97
玉米	Corn	15.20	14.75	16.95	22.06	26.95	24.64	25.68
谷子	Millet	1.02	0.80	0.55	0.51	0.50	0.54	0.55
高粱	Jowar	0.81	0.57	0.37	0.32	0.25	0.38	0.42
其它谷物	Other Cereal		2.21	1.58	1.12	0.98	1.02	1.02
豆类	Beans	7.49	8.10	8.30	6.97	5.05	6.92	6.00
#大豆	Soybeans	5.42	5.95	6.17	5.49	4.09	5.90	4.99
杂豆	Miscellaneous Beans	2.07	2.15	2.13	1.48	0.96	1.02	1.01
薯类	Tubers	6.35	6.74	6.11	5.06	4.38	4.31	4.35
#马铃薯	Potato	2.29	3.02	3.14	3.08	2.87	2.78	2.75
油料作物	Oil-bearing Crops	8.74	9.85	9.21	8.64	7.98	7.84	7.77
#花生	Peanuts	2.54	3.11	3.00	2.76	2.63	2.82	2.85
油菜籽	Rapeseeds	4.61	4.79	4.68	4.61	4.21	4.04	4.14
芝麻	Sesame	0.43	0.50	0.38	0.23	0.18	0.17	0.17
胡麻籽	Benne	0.41	0.32	0.26	0.18	0.15	0.11	0.11
葵花籽	Sunflower Seeds	0.54	0.79	0.66	0.62	0.65	0.52	0.42
棉花	Cotton	3.62	2.59	3.26	2.75	2.26	1.89	1.80
麻类	Fiber Crops	0.25	0.17	0.22	0.06	0.03	0.04	0.03
#黄红麻	Jute and Ambarly Hemp	0.10	0.03	0.02	0.01	0.01	0.00	0.00
苧麻	Ramee	0.06	0.06	0.08	0.04	0.02	0.02	0.02
大麻	Hemp	0.01	0.01	0.01	0.00	0.00	0.01	0.01
亚麻	Flax	0.08	0.06	0.10	0.01	0.00	0.00	0.00
糖料	Sugar Crops	1.21	0.97	1.01	1.14	0.94	0.94	0.86
甘蔗	Sugarcane	0.75	0.76	0.87	1.02	0.88	0.81	0.78
甜菜	Beetroots	0.46	0.21	0.14	0.12	0.06	0.13	0.08
烟叶	Tobacco	0.98	0.92	0.88	0.83	0.75	0.61	0.60
#烤烟	Flue-cured Tobacco	0.87	0.81	0.80	0.76	0.72	0.58	0.57
药材	Medicinal Materials	0.19	0.43	0.78	0.80	1.12	1.73	1.83
蔬菜	Vegetables	6.35	9.75	11.40	10.99	11.76	12.83	13.03
瓜果类	Melon	0.73	1.31	1.42	1.40	1.32	1.29	1.26
其他农作物	Other Farm Crops	4.49	4.70	4.78	2.96	2.53	3.12	3.10
#青饲料	Succulence	1.22	1.37	2.17	1.11	0.98	1.31	1.53

12-10 主要农产品产量 Output of Major Farm Products

单位: 万吨

(10 000 tons)

年份 地区	Year Region	粮食							
		谷物	豆类			薯类			
			谷物	豆类	薯类				
Cereals	#稻谷	#小麦	#玉米	Beans	#大豆	Tubers			
		Rice	Wheat	Corn		Soybeans			
1978		30476.5	13693.0	5384.0	5594.5	756.5	3174.0		
1980		32055.5	13990.5	5520.5	6260.0	794.0	2872.5		
1985		37910.8	16856.9	8580.5	6382.6	1050.0	2603.6		
1990		44624.3	18933.1	9822.9	9681.9	1100.0	2743.3		
1995		46661.8	41611.6	18522.6	11198.6	1787.5	3262.6		
2000		46217.5	40522.4	18790.8	9963.6	2010.0	3685.2		
2005		48402.2	42776.0	18058.8	9744.5	2157.7	3468.5		
2006		49804.2	45099.2	18171.8	10846.6	2003.7	2701.3		
2007		50413.9	45963.0	18638.1	10949.2	1709.1	2741.8		
2008		53434.3	48569.4	19261.2	11290.1	2021.9	2843.0		
2009		53940.9	49243.3	19619.7	11579.6	1904.6	2792.9		
2010		55911.3	51196.7	19722.6	11609.3	19075.2	2842.7		
2011		58849.3	54061.7	20288.3	11857.0	21131.6	2924.3		
2012		61222.6	56659.0	20653.2	12247.5	22955.9	2883.0		
2013		63048.2	58650.4	20628.6	12363.9	24845.3	2855.4		
2014		63964.8	59601.5	20960.9	12823.5	24976.4	2798.8		
2015		66060.3	61818.4	21214.2	13255.5	26499.2	2729.3		
2016		66043.5	61666.5	21109.4	13318.8	26361.3	2726.3		
2017		66160.7	61520.5	21267.6	13424.1	25907.1	2798.6		
2018		65789.2	61003.6	21212.9	13144.0	25717.4	2865.4		
2019		66384.3	61369.7	20961.4	13359.6	26077.9	2882.7		
2020		66949.2	61674.3	21186.0	13425.4	26066.5	2987.4		
2021		68284.7	63275.7	21284.2	13694.4	27255.1	3043.5		
北京	Beijing	37.8	36.5	0.2	6.8	29.0	0.4	0.3	0.9
天津	Tianjin	249.9	248.4	54.7	72.2	118.3	0.6	0.5	0.9
河北	Hebei	3825.1	3664.7	49.6	1469.1	2066.8	22.6	16.3	137.8
山西	Shanxi	1421.2	1334.1	1.8	243.4	977.6	21.7	14.4	65.4
内蒙古	Inner Mongolia	3840.3	3529.1	115.3	157.2	2994.2	186.8	168.5	124.4
辽宁	Liaoning	2538.7	2485.3	424.6	1.1	2008.4	26.9	25.1	26.5
吉林	Jilin	4039.2	3951.6	684.7	1.6	3198.4	62.6	54.7	25.1
黑龙江	Heilongjiang	7867.7	7104.4	2913.7	26.3	4149.2	731.7	718.8	31.7
上海	Shanghai	94.0	93.7	85.1	7.4	0.7	0.1	0.1	0.1
江苏	Jiangsu	3746.1	3649.6	1984.6	1342.2	300.1	70.1	50.7	26.4
浙江	Zhejiang	620.9	547.4	469.1	48.3	25.6	30.0	21.3	43.5
安徽	Anhui	4087.6	3973.6	1590.4	1699.7	677.5	95.9	90.9	18.1
福建	Fujian	506.4	410.2	393.2	0.0	15.3	12.2	9.6	84.1
江西	Jiangxi	2192.3	2100.1	2073.9	3.2	21.8	33.1	27.4	59.1
山东	Shandong	5500.7	5336.8	97.5	2636.7	2589.5	54.9	53.5	109.1
河南	Henan	6544.2	6345.3	476.1	3802.8	2051.7	78.7	74.8	120.1
湖北	Hubei	2764.3	2611.9	1883.6	399.3	323.5	41.9	37.2	110.6
湖南	Hunan	3074.4	2932.1	2683.1	7.8	234.1	41.2	31.8	101.1
广东	Guangdong	1279.9	1165.7	1104.4	0.1	60.8	11.4	8.6	102.7
广西	Guangxi	1386.5	1306.7	1017.9	0.6	285.2	26.8	15.9	53.1
海南	Hainan	146.0	127.1	127.1			1.3	0.5	17.6
重庆	Chongqing	1092.8	761.4	493.0	6.1	254.6	42.1	20.6	289.3
四川	Sichuan	3582.1	2879.4	1493.4	245.3	1084.7	143.5	104.4	559.2
贵州	Guizhou	1094.9	756.6	417.4	33.3	256.6	35.1	23.1	303.2
云南	Yunnan	1930.3	1605.6	491.9	61.9	992.6	109.1	31.6	215.6
西藏	Tibet	106.2	103.9	0.4	20.1	3.0	1.9	0.0	0.4
陕西	Shaanxi	1270.4	1132.6	72.9	424.6	601.7	32.0	25.1	105.9
甘肃	Gansu	1231.5	971.1	1.8	279.7	643.0	35.8	7.8	224.6
青海	Qinghai	109.1	75.4		38.7	15.3	3.5		30.2
宁夏	Ningxia	368.4	331.3	41.0	19.0	263.4	1.0	0.2	36.2
新疆	Xinjiang	1735.8	1704.1	41.7	639.8	1012.7	10.8	5.6	20.9



12-10 续表 1 continued

单位: 万吨

(10 000 tons)

年份 Year	地区 Region	棉花 Cotton	油料 Oil-bearing Crops	油料			麻类 Fiber Crops	糖料 Sugar Crops	糖料	
				#花生 Peanuts	#油菜籽 Rapeseeds	#芝麻 Sesame			#甘蔗 Sugarcane	#甜菜 Beetroots
1978		216.7	521.8	237.7	186.8	32.2	135.1	2381.9	2111.6	270.2
1980		270.7	769.1	360.0	238.4	25.9	143.6	2911.3	2280.7	630.5
1985		414.7	1578.4	666.4	560.7	69.1	444.8	6046.8	5154.9	891.9
1990		450.8	1613.2	636.8	695.8	46.9	109.7	7214.5	5762.0	1452.5
1995		476.8	2250.3	1023.5	977.7	58.3	89.7	7940.1	6541.7	1398.4
2000		441.7	2954.8	1443.7	1138.1	81.1	52.9	7635.3	6828.0	807.3
2005		571.4	3077.1	1434.2	1305.2	62.5	110.5	9451.9	8663.8	788.1
2006		753.3	2640.3	1288.7	1096.6	66.2	89.1	10460.0	9709.2	750.8
2007		759.7	2787.0	1381.5	1138.2	52.0	66.1	12082.4	11179.4	902.9
2008		723.2	3036.8	1463.5	1240.3	51.5	56.1	13006.0	12152.1	853.9
2009		623.6	3139.4	1460.4	1353.6	53.5	31.9	11746.9	11200.4	546.5
2010		577.0	3156.8	1513.6	1278.8	46.2	24.2	11303.4	10598.2	705.1
2011		651.9	3212.5	1530.2	1313.7	45.8	22.3	11663.1	10867.4	795.8
2012		660.8	3285.6	1579.2	1340.1	46.6	19.6	12451.8	11574.6	877.2
2013		628.2	3348.0	1610.9	1363.6	43.9	17.6	12555.0	11926.4	628.7
2014		629.9	3371.9	1590.1	1391.4	43.7	16.5	12088.7	11578.8	509.9
2015		590.7	3390.5	1596.1	1385.9	45.0	15.6	11215.2	10706.4	508.8
2016		534.3	3400.0	1636.1	1312.8	35.2	18.1	11176.0	10321.5	854.5
2017		565.3	3475.2	1709.2	1327.4	36.6	21.8	11378.8	10440.4	938.4
2018		610.3	3433.4	1733.2	1328.1	43.1	20.3	11937.4	10809.7	1127.7
2019		588.9	3493.0	1752.0	1348.5	46.7	23.4	12169.1	10938.8	1227.3
2020		591.0	3586.4	1799.3	1404.9	45.7	24.9	12014.0	10812.1	1198.4
2021		573.1	3613.2	1830.8	1471.4	45.5	21.1	11454.4	10666.4	785.1
北京	Beijing	0.0	0.5	0.5	0.0	0.0				
天津	Tianjin	0.4	0.3	0.3	0.0	0.0		0.0	0.0	
河北	Hebei	16.0	118.4	96.3	6.0	0.3	0.0	39.6		39.6
山西	Shanxi	0.1	15.5	1.3	2.8	0.2	0.2	0.4		0.4
内蒙古	Inner Mongolia	0.0	213.9	25.7	32.2	0.0	0.1	362.1		362.0
辽宁	Liaoning		116.2	115.5	0.1	0.0		1.3		1.3
吉林	Jilin		85.8	83.3		0.0		1.3		1.3
黑龙江	Heilongjiang		13.6	10.5	0.0	0.0	11.0	16.0		16.0
上海	Shanghai	0.0	0.5	0.0	0.4	0.0		0.1	0.1	
江苏	Jiangsu	0.8	97.8	40.3	56.4	1.1	0.0	6.6	4.7	1.8
浙江	Zhejiang	0.6	31.7	4.9	25.8	0.8	0.0	42.4	42.4	
安徽	Anhui	2.9	167.1	71.8	91.1	2.3	1.0	9.9	7.0	
福建	Fujian	0.0	23.3	22.2	1.0	0.0	0.0	28.8	28.8	
江西	Jiangxi	1.7	130.9	53.6	73.4	3.9	0.4	60.7	60.7	
山东	Shandong	14.0	285.9	281.8	2.4	0.2	0.0	0.0		0.0
河南	Henan	1.4	657.3	588.2	49.4	18.2	0.6	9.8	9.8	
湖北	Hubei	10.9	354.1	86.3	251.8	13.1	0.9	27.2	27.2	
湖南	Hunan	8.0	263.0	30.7	230.3	1.6	0.4	35.0	35.0	
广东	Guangdong		117.3	115.9	0.8	0.6	0.0	1306.6	1306.6	
广西	Guangxi	0.1	75.9	71.1	3.4	1.1	0.8	7365.1	7365.1	
海南	Hainan		7.5	7.4		0.1	0.0	94.4	94.4	
重庆	Chongqing		68.5	14.3	52.5	0.5	0.3	8.3	8.3	
四川	Sichuan	0.2	416.6	76.2	338.7	0.3	3.3	38.7	38.6	0.0
贵州	Guizhou	0.0	94.9	11.9	80.9	0.1	0.0	53.7	53.6	0.0
云南	Yunnan		63.9	8.2	54.5	0.0	0.2	1583.9	1583.9	
西藏	Tibet		4.6	0.0	4.6					
陕西	Shaanxi	0.0	58.3	11.3	39.0	1.1	0.1	0.3	0.2	0.1
甘肃	Gansu	3.1	58.8	0.2	33.7	0.0	0.2	15.9		15.9
青海	Qinghai		31.9		31.7					
宁夏	Ningxia		4.8	0.0	0.5			0.1		0.1
新疆	Xinjiang	512.9	34.6	1.2	8.1	0.0	1.8	346.5		346.5

12-10 续表 2 continued

单位: 万吨

(10 000 tons)

年份 Year	地区 Region	烟 叶 Tobacco		蚕 茧 Silkworm		茶 叶 Tea	水 果 Fruits	# 苹 果 Apples	# 柑 橘 Citrus	# 梨 Pears	# 葡 萄 Grapes	# 香 蕉 Bananas
		# 烤 烟 Flue-cured Tobacco	Cocoons	# 桑 蚕 茧 Mulberry Silkworm Cocoons	Cocoons							
1978		124.2	105.2	22.8	17.3	26.8	657.0	227.5	38.3	151.7	10.4	8.5
1980		84.5	71.7	32.6	25.0	30.4	679.3	236.3	71.3	146.6	11.0	6.1
1985		242.5	207.5	37.1	33.6	43.2	1163.9	361.4	180.8	213.7	36.1	63.1
1990		262.7	225.9	53.4	48.0	54.0	1874.4	431.9	485.5	235.3	85.9	145.6
1995		231.4	207.2	80.0	76.0	58.8	4214.6	1400.8	822.5	494.2	174.2	312.5
2000		255.2	223.8	54.8	50.1	68.3	6225.1	2043.1	878.3	841.2	328.2	494.1
2005		268.3	243.5	78.0	71.3	93.5	16120.1	2401.1	1591.9	1132.4	579.4	651.8
2006		245.6	225.5	87.9	82.0	102.8	17102.0	2605.9	1789.8	1198.6	627.1	690.1
2007		242.2	224.9	92.7	86.2	117.0	17659.4	2734.7	2036.4	1258.8	670.9	764.0
2008		275.9	258.2	88.2	80.5	125.5	18279.1	2899.5	2297.0	1296.4	698.2	748.4
2009		296.2	275.0	79.5	72.8	135.1	19093.7	3047.5	2471.7	1343.6	764.9	829.6
2010		283.2	261.2	82.7	75.5	146.2	20095.4	3164.9	2581.7	1409.5	813.5	884.1
2011		299.8	278.6	84.3	76.8	160.8	21018.6	3367.3	2864.1	1448.6	857.7	946.1
2012		324.6	302.3	83.7	76.7	176.1	22091.5	3581.4	3089.4	1550.4	1000.6	1036.0
2013		322.0	304.0	81.8	74.7	188.7	22748.1	3629.8	3196.4	1544.4	1088.5	1103.0
2014		284.7	269.7	81.5	74.4	204.9	23302.6	3735.4	3362.2	1581.9	1173.1	1062.2
2015		267.7	249.5	81.2	74.1	227.7	24524.6	3889.9	3617.5	1652.7	1316.4	1062.7
2016		257.4	244.5	80.3	73.8	231.3	24405.2	4039.3	3591.5	1596.3	1262.9	1094.0
2017		239.1	227.9	81.7	75.1	246.0	25241.9	4139.0	3816.8	1641.0	1308.3	1117.0
2018		224.1	211.0	83.1	76.4	261.0	25688.4	3923.3	4138.1	1607.8	1366.7	1122.2
2019		215.3	202.1	83.3	77.2	277.7	27400.8	4242.5	4584.5	1731.4	1419.5	1165.6
2020		213.4	202.2	78.8	73.5	293.2	28692.4	4406.6	5121.9	1781.5	1431.4	1151.3
2021		212.8	202.1	78.2	72.7	316.4	29970.2	4597.3	5595.6	1887.6	1499.8	1172.4
北 京	Beijing	0.0					48.8	3.4		5.5	1.5	
天 津	Tianjin	0.0					49.4	2.5		7.0	7.0	
河 北	Hebei	0.3	0.2	0.0	0.0	0.0	1445.1	249.1		366.6	124.7	
山 西	Shanxi	0.4	0.4	0.2	0.2	0.1	974.9	430.2		113.2	40.9	0.0
内 蒙 古	Inner Mongolia	0.3	0.2	0.6		0.0	190.8	27.8	0.0	8.0	5.1	
辽 宁	Liaoning	1.1	0.9	3.9	0.0		856.4	260.5		132.1	76.2	
吉 林	Jilin	2.1	0.9	0.4			164.1	6.6		8.3	8.3	
黑 龙 江	Heilongjiang	2.7	2.5	0.3			184.3	14.3	0.0	5.1	8.2	
上 海	Shanghai					0.0	32.6		5.3	2.9	3.9	
江 苏	Jiangsu	0.0	0.0	3.1	3.1	1.1	969.1	55.1	2.9	74.8	62.1	
浙 江	Zhejiang	0.1	0.1	1.5	1.5	18.1	722.6	0.0	180.6	35.1	76.4	0.0
安 徽	Anhui	2.0	2.0	0.8	0.8	13.7	778.1	37.3	3.3	128.4	55.7	
福 建	Fujian	10.5	10.5			48.8	810.3	0.0	419.3	20.0	23.4	46.8
江 西	Jiangxi	2.6	2.6	0.1	0.1	7.4	744.6		444.5	16.6	10.6	
山 东	Shandong	4.7	4.7	1.1	1.1	2.9	3032.6	977.2		123.3	122.9	
河 南	Henan	19.3	19.2	0.5	0.3	7.5	2455.3	405.1	4.8	139.6	86.0	
湖 北	Hubei	6.9	5.9	0.1	0.1	40.4	1119.4	0.5	540.8	41.0	31.7	
湖 南	Hunan	18.6	18.4	0.0	0.0	25.9	1193.6		643.2	20.5	26.8	
广 东	Guangdong	3.9	3.4	9.2	9.2	13.9	1957.8		523.0	12.5	5.7	483.3
广 西	Guangxi	2.0	1.6	40.7	40.7	9.6	3121.1		1607.4	50.3	66.6	309.8
海 南	Hainan	0.0	0.0	0.1	0.1	0.1	525.7		14.3			115.8
重 庆	Chongqing	5.3	4.1	1.2	1.2	5.1	553.2	0.6	342.7	32.5	12.9	0.1
四 川	Sichuan	16.1	14.7	9.7	9.7	37.5	1290.9	87.2	522.3	96.0	46.1	5.2
贵 州	Guizhou	23.2	22.0	0.3	0.3	24.6	653.7	38.1	94.1	51.7	39.2	9.0
云 南	Yunnan	84.7	82.2	3.6	3.6	50.2	1142.6	69.8	192.7	82.5	100.8	202.4
西 藏	Tibet	0.0	0.0				3.0	0.8	0.1	0.1	0.4	0.1
陕 西	Shaanxi	5.1	5.1	0.6	0.6	9.3	2141.1	1242.5	54.2	104.6	85.1	
甘 肃	Gansu	0.5	0.5	0.0	0.0	0.2	883.8	438.4	0.2	28.0	26.9	
青 海	Qinghai	0.0					3.0	0.4		0.5	0.0	
宁 夏	Ningxia	0.0	0.0				262.8	46.2		1.6	17.5	
新 疆	Xinjiang						1659.5	203.7		179.6	327.0	

注: 2003年起水果产量包括瓜果类产量。

a) Data of output of fruits include melons since 2003.



12-11 主要农产品单位面积产量

Output of Major Farm Products per Hectare

单位: 公斤/公顷

(kg/hectare)

年份 地区	Year Region	粮食 Grain	谷物 Cereals	棉花 Cotton	花生 Peanuts	油菜籽 Rapeseeds	芝麻 Sesame	甘蔗 Sugarcane	甜菜 Beetroots	烤烟 Flue-cured Tobacco
1978		2527		445	1344	718	506	38496	8166	1717
1980		2734		550	1539	838	333	47562	14242	1806
1985		3483		807	2008	1248	657	53430	15913	1927
1990		3933		807	2191	1264	702	57118	21668	1683
1995		4240	4659	879	2687	1415	908	58133	20132	1584
2000		4261	4753	1093	2973	1519	1034	57626	24518	1763
2005		4642	5225	1129	3076	1793	1054	63970	37523	1956
2006		4745	5310	1295	3258	1833	1173	70450	39767	2072
2007		4756	5321	1461	3347	1854	1156	73015	40097	2056
2008		4969	5551	1370	3355	1814	1205	71122	39246	2118
2009		4892	5448	1390	3411	1888	1295	68170	33845	2250
2010		5006	5528	1322	3460	1748	1293	65271	38018	2160
2011		5209	5714	1441	3529	1827	1366	66113	41720	2103
2012		5353	5833	1516	3588	1865	1439	68264	45924	2090
2013		5440	5907	1509	3664	1896	1464	69986	44801	2065
2014		5446	5896	1508	3639	1944	1443	70682	51533	2027
2015		5553	5989	1565	3640	1972	1495	72528	52751	2084
2016		5539	6004	1671	3678	1982	1529	73638	55630	2121
2017		5607	6105	1769	3709	1995	1610	76132	53843	2108
2018		5621	6120	1819	3752	2027	1645	76891	52174	2103
2019		5720	6272	1764	3781	2048	1651	78655	56057	2079
2020		5734	6296	1865	3803	2077	1564	79890	56307	2091
2021		5805	6316	1893	3810	2104	1596	81047	55639	2086
北京	Beijing	6197	6333	1096	3792	2257	1107			
天津	Tianjin	6690	6724	1085	3663	1713	690	22500		
河北	Hebei	5950	5999	1142	3894	1878	1407		48593	2535
山西	Shanxi	4529	4765	1329	2649	1489	1067		39565	2777
内蒙古	Inner Mongolia	5578	6334	1583	3753	1440	847		47553	3647
辽宁	Liaoning	7164	7377		3475	1802	3309		60280	2694
吉林	Jilin	7060	7363		3433		901		44639	2155
黑龙江	Heilongjiang	5407	6770		4599	1304	1194		46917	2795
上海	Shanghai	8005	8031	1442	3598	3012	1273	34947		
江苏	Jiangsu	6902	7128	1362	4142	2920	1900	65115	7365	1607
浙江	Zhejiang	6168	6698	1392	3034	2145	1685	63644		2978
安徽	Anhui	5592	6000	846	4913	2442	1678	42132		2329
福建	Fujian	6064	6432	943	3012	1614	1480	55765		2146
江西	Jiangxi	5811	6017	1558	3022	1454	1237	45287		2046
山东	Shandong	6584	6638	1273	4461	2585	2387		22500	2611
河南	Henan	6075	6224	1215	4549	2604	1577	69564		2524
湖北	Hubei	5899	6366	902	3526	2301	1689	42802		1738
湖南	Hunan	6461	6647	1338	2692	1704	1442	46429		2125
广东	Guangdong	5783	5951		3314	1719	1959	87045		2414
广西	Guangxi	4912	5464	1039	3144	955	3872	85859		1870
海南	Hainan	5380	5609		2474		1463	56326		1889
重庆	Chongqing	5428	6663		2248	2006	1218	44445		1880
四川	Sichuan	5634	6451	960	2628	2501	1676	40056	38710	2174
贵州	Guizhou	3927	5055	934	2561	1810	1320	59220	8138	1689
云南	Yunnan	4605	5135		1861	2152	831	69518		2067
西藏	Tibet	5692	5778		3581	2407				3000
陕西	Shaanxi	4229	4598	1135	2975	2184	1506	36300	20012	2249
甘肃	Gansu	4601	5032	1883	4263	2342	3000		60311	3177
青海	Qinghai	3607	3477			2228				
宁夏	Ningxia	5345	5708		3575	1300			45000	1931
新疆	Xinjiang	7319	7380	2046	4886	2723	1701		72809	

12-12 主要林产品产量
 Output of Major Forestry Products

年份	Year	木材 (万立方米)	橡胶 (吨)	竹材 (万根)	核桃 (吨)	油茶籽 (吨)
地区	Region	Timber (10 000 cu.m)	Rubber (ton)	Bamboo (10 000 units)	Walnut (ton)	Tea-oil Seeds (ton)
1978		5162.3	101600	11181	118650	478900
1980		5359.3	112945	9621	118900	490350
1985		6323.4	187901	5641	121917	619229
1990		5571.0	264243	18714	149560	523313
1995		6766.9	424025	44792	230867	623128
2000		4724.0	480248	56183	309875	823224
2005		5560.3	513618	115174	499074	875022
2006		6611.8	537983	131176	475455	919947
2007		6976.6	588390	139761	629986	939096
2008		8108.3	547861	126220	828635	989859
2009		7068.3	619138	135650	979366	1169289
2010		8089.6	693022	143008	1284351	1092243
2011		8145.9	750850	153929	1655508	1480044
2012		8174.9	802255	164412	1979583	1727708
2013		8438.5	864806	187685	2325010	1776506
2014		8233.3	840171	222440	2713741	2023445
2015		7200.3	816103	235466	3331703	2163492
2016		7775.9	815918	250630	3645170	2164440
2017		8398.2	817366	272013	4171386	2431647
2018		8810.9	824093	315517	3820720	2629796
2019		10045.9	809859	314480	4689184	2679270
2020		10257.0	826348	324265	4795939	3141620
2021		11589.1	871600	325568	5403500	3942376
北京	Beijing	17.0			9709	
天津	Tianjin	19.4			4664	
河北	Hebei	110.8			182216	
山西	Shanxi	38.7			396568	
内蒙古	Inner Mongolia	109.3				
辽宁	Liaoning	132.8			10194	
吉林	Jilin	245.2			15671	
黑龙江	Heilongjiang	173.6			537	
上海	Shanghai					
江苏	Jiangsu	233.4		448	881	
浙江	Zhejiang	99.6		21649	26254	94442
安徽	Anhui	611.6		19797	25959	129592
福建	Fujian	805.3		96260		165321
江西	Jiangxi	408.0		22083	72	698116
山东	Shandong	399.4			130729	
河南	Henan	273.0		105	175402	61193
湖北	Hubei	249.2		4021	100352	257624
湖南	Hunan	483.5		25829	7489	1716414
广东	Guangdong	1263.7	18891	30907		177662
广西	Guangxi	3904.6		60367	4769	454829
海南	Hainan	222.9	345591	318		6750
重庆	Chongqing	46.2		4300	30902	15560
四川	Sichuan	302.6		23008	888524	28402
贵州	Guizhou	418.6		2159	94718	89133
云南	Yunnan	903.5	507119	13256	1598648	29802
西藏	Tibet	3.1			2768	
陕西	Shaanxi	30.1		1060	367790	17536
甘肃	Gansu	6.3			128622	
青海	Qinghai				1223	
宁夏	Ningxia				1931	
新疆	Xinjiang	77.2			1196908	



12-13 牲畜饲养情况

Number of Livestock

单位: 万头、万只

(10 000 heads)

年份 Year	Year	大牲畜 年底头数 Large Animals (year-end)	牛	马	驴	骡	骆驼
			Cattle and Buffaloes	Horses	Donkeys	Mules	Camels
1996		13360.2	11031.8	871.5	944.4	478.0	34.5
2000		14638.1	12353.2	876.6	922.7	453.0	32.6
2005		12894.8	10990.8	740.0	777.2	360.4	26.6
2006		12325.7	10503.1	719.3	730.9	345.5	26.9
2007		11998.2	10397.5	646.7	638.9	291.0	24.1
2008		11529.7	10068.0	594.7	600.4	243.8	22.8
2009		11380.8	10035.9	562.3	540.4	219.7	22.6
2010		11074.6	9820.0	529.9	510.1	191.5	23.0
2011		10580.0	9384.0	515.4	485.3	171.1	24.3
2012		10248.4	9137.3	465.2	462.4	159.0	24.5
2013		10008.6	8985.8	431.7	425.7	138.0	27.4
2014		9952.0	9007.3	415.8	383.6	117.4	28.0
2015		9929.8	9055.8	397.5	342.4	104.1	30.1
2016		9559.9	8834.5	351.2	259.3	84.5	30.5
2017		9763.6	9038.7	343.6	267.8	81.1	32.3
2018		9625.5	8915.3	347.3	253.3	75.8	33.8
2019		9877.4	9138.3	367.1	260.1	71.4	40.5
2020		10265.1	9562.1	367.2	232.4	62.3	41.1
2021		10486.8	9817.2	372.5	196.7	54.2	46.2
北京	Beijing	8.6	8.3	0.1	0.2	0.0	
天津	Tianjin	30.3	29.1	0.2	1.1	0.0	
河北	Hebei	395.0	370.4	7.4	13.8	3.3	0.1
山西	Shanxi	147.3	137.5	0.9	7.1	1.8	0.0
内蒙古	Inner Mongolia	871.3	732.5	74.0	43.3	2.9	18.7
辽宁	Liaoning	325.3	290.9	4.4	27.3	2.8	0.0
吉林	Jilin	349.8	338.3	6.5	4.6	0.5	
黑龙江	Heilongjiang	525.7	515.0	7.9	2.6	0.2	0.0
上海	Shanghai	5.5	5.4	0.1			
江苏	Jiangsu	27.4	27.2	0.1	0.1	0.0	
浙江	Zhejiang	16.7	16.7				
安徽	Anhui	100.0	99.4	0.1	0.6	0.0	
福建	Fujian	31.5	31.5	0.0		0.0	
江西	Jiangxi	269.9	269.7	0.1	0.0	0.0	
山东	Shandong	284.6	279.8	0.7	4.1	0.0	0.0
河南	Henan	403.1	400.3	0.4	2.3	0.1	
湖北	Hubei	239.9	239.7	0.1	0.1	0.0	0.0
湖南	Hunan	436.7	435.1	1.4	0.2	0.0	
广东	Guangdong	113.0	113.0	0.0			
广西	Guangxi	369.3	355.7	11.1	0.0	2.6	
海南	Hainan	48.1	48.1				
重庆	Chongqing	108.5	107.4	0.8	0.0	0.3	
四川	Sichuan	917.6	830.5	70.6	8.6	7.9	
贵州	Guizhou	493.9	479.3	14.1	0.1	0.3	
云南	Yunnan	922.6	871.0	14.1	16.9	20.5	
西藏	Tibet	688.2	657.1	27.2	3.0	0.9	
陕西	Shaanxi	152.8	149.3	0.3	3.0	0.3	0.0
甘肃	Gansu	566.6	512.8	11.6	29.5	9.1	3.6
青海	Qinghai	656.9	642.4	12.6	0.5	0.3	1.1
宁夏	Ningxia	209.0	207.8	0.2	0.9	0.1	0.1
新疆	Xinjiang	771.5	616.3	105.7	26.8	0.2	22.6

12-13 续表 continued

单位: 万头、万只

(10 000 heads)

年份 Year	地区 Region	肉猪出栏头数	猪年底头数	羊年底只数	山羊 Goats	绵羊 Sheep
		Slaughtered Fattened Hogs	Hogs (year-end)	Sheep and Goats (year-end)		
1996		41225.2	36283.6	23728.3	12315.8	11412.5
2000		51862.3	41633.6	27948.2	14945.6	13002.6
2005		60367.4	43319.1	29792.7	14659.0	15133.7
2006		61209.0	41854.4	28337.6	13956.1	14381.5
2007		56640.9	43933.2	28606.7	14564.1	14042.5
2008		61278.9	46433.1	28823.7	15067.0	13756.7
2009		64990.9	47177.2	29063.0	14734.0	14328.9
2010		67332.7	46765.2	28730.2	14195.0	14535.2
2011		67030.0	47074.8	28664.1	14087.4	14576.7
2012		70724.5	48030.2	28512.7	13932.3	14580.4
2013		72768.0	47893.1	28935.2	13657.5	15277.7
2014		74951.5	47160.2	30391.3	14167.5	16223.8
2015		72415.6	45802.9	31174.3	14507.5	16666.8
2016		70073.9	44209.2	29930.5	13691.8	16238.8
2017		70202.1	44158.9	30231.7	13823.8	16407.9
2018		69382.4	42817.1	29713.5	13574.7	16138.8
2019		54419.2	31040.7	30072.1	13723.2	16349.0
2020		52704.1	40650.4	30654.8	13345.2	17309.5
2021		67128.0	44922.4	31969.3	13331.6	18637.7
北京	Beijing	30.9	59.0	18.0	5.7	12.3
天津	Tianjin	203.9	171.2	50.0	7.1	42.9
河北	Hebei	3410.6	1810.1	1316.0	345.4	970.7
山西	Shanxi	1130.5	740.2	1068.1	381.0	687.1
内蒙古	Inner Mongolia	812.9	565.2	6138.2	1558.6	4579.6
辽宁	Liaoning	2851.8	1308.6	811.1	411.5	399.6
吉林	Jilin	1750.2	1137.6	650.4	58.0	592.5
黑龙江	Heilongjiang	2228.1	1416.3	839.2	114.0	725.2
上海	Shanghai	90.3	81.9	13.8	12.6	1.2
江苏	Jiangsu	2210.1	1482.6	376.1	351.8	24.3
浙江	Zhejiang	773.9	640.2	151.2	36.9	114.3
安徽	Anhui	2797.8	1582.5	612.8	582.5	30.3
福建	Fujian	1547.6	937.6	105.2	104.5	0.6
江西	Jiangxi	2910.4	1683.2	132.3	132.3	
山东	Shandong	4401.7	3151.0	1466.4	486.4	980.0
河南	Henan	5802.8	4392.3	2012.3	1710.5	301.7
湖北	Hubei	4115.1	2530.1	536.8	536.8	
湖南	Hunan	6121.8	4202.0	775.1	775.1	
广东	Guangdong	3336.6	2075.5	88.6	88.6	
广西	Guangxi	3113.9	2128.2	259.0	259.0	
海南	Hainan	382.3	310.5	62.8	62.8	
重庆	Chongqing	1806.9	1179.8	329.7	329.6	0.1
四川	Sichuan	6314.8	4255.1	1511.7	1342.9	168.8
贵州	Guizhou	1849.7	1530.5	386.6	365.8	20.8
云南	Yunnan	4192.2	3319.8	1362.4	1263.2	99.2
西藏	Tibet	16.6	62.0	942.3	270.0	672.3
陕西	Shaanxi	1229.6	885.3	881.1	723.9	157.2
甘肃	Gansu	845.0	685.1	2439.5	448.4	1991.0
青海	Qinghai	72.4	77.2	1386.0	44.5	1341.5
宁夏	Ningxia	112.5	85.5	677.1	95.5	581.6
新疆	Xinjiang	665.3	436.1	4569.6	426.7	4142.8



12-14 畜产品产量

Output of Livestock Products

年份 Year	地区 Region	肉类 (万吨) Output of Meat (10 000 tons)	#猪牛羊肉 Output of Pork, Beef and Mutton			奶类 (万吨) Milk (10 000 tons)	#牛奶 Cow Milk	
			猪肉 Pork	牛肉 Beef	羊肉 Mutton			
1996		4584.0	3694.7	3158.0	355.7	181.0	735.8	629.4
2000		6013.9	4743.2	3966.0	513.1	264.1	919.1	827.4
2005		6938.9	5473.5	4555.3	568.1	350.1	2864.8	2753.4
2006		7099.9	5608.4	4650.3	590.3	367.7	3051.6	2944.6
2007		6916.4	5319.8	4307.9	626.2	385.7	3055.2	2947.1
2008		7370.9	5692.9	4682.0	617.7	393.2	3236.2	3010.6
2009		7706.7	5958.5	4932.8	626.2	399.4	3153.9	2995.1
2010		7993.6	6173.5	5138.4	629.1	406.0	3211.3	3038.9
2011		8023.0	6140.3	5131.6	610.7	398.0	3262.8	3109.9
2012		8471.1	6462.8	5443.5	614.7	404.5	3306.7	3174.9
2013		8632.8	6641.6	5618.6	613.1	409.9	3118.9	3000.8
2014		8817.9	6864.2	5820.8	615.7	427.6	3276.5	3159.9
2015		8749.5	6702.2	5645.4	616.9	439.9	3295.5	3179.8
2016		8628.3	6502.6	5425.5	616.9	460.3	3173.9	3064.0
2017		8654.4	6557.5	5451.8	634.6	471.1	3148.6	3038.6
2018		8624.6	6522.9	5403.7	644.1	475.1	3176.8	3074.6
2019		7758.8	5410.1	4255.3	667.3	487.5	3297.6	3201.2
2020		7748.4	5278.1	4113.3	672.4	492.3	3529.6	3440.1
2021		8990.0	6507.5	5295.9	697.5	514.1	3778.1	3682.7
北京	Beijing	4.4	3.3	2.6	0.4	0.2	25.8	25.8
天津	Tianjin	30.5	20.9	17.1	2.8	1.0	51.8	51.8
河北	Hebei	464.3	355.4	265.7	55.8	33.9	501.9	498.4
山西	Shanxi	135.4	107.8	88.4	9.0	10.4	135.7	135.1
内蒙古	Inner Mongolia	277.3	249.8	67.4	68.7	113.7	680.0	673.2
辽宁	Liaoning	435.4	277.1	238.8	31.5	6.9	139.3	138.9
吉林	Jilin	274.6	190.9	142.4	40.8	7.6	32.8	32.7
黑龙江	Heilongjiang	300.4	250.4	184.8	50.7	15.0	501.0	500.3
上海	Shanghai	9.1	7.7	7.1	0.2	0.3	29.4	29.4
江苏	Jiangsu	306.5	184.5	175.2	2.8	6.6	64.9	64.9
浙江	Zhejiang	103.6	69.2	65.2	1.7	2.4	18.6	18.6
安徽	Anhui	456.3	271.8	238.7	11.2	21.9	47.6	47.6
福建	Fujian	286.5	129.2	124.3	2.6	2.3	20.0	19.4
江西	Jiangxi	345.0	258.1	238.5	16.7	2.9	8.4	8.3
山东	Shandong	819.3	450.2	355.9	61.3	33.0	288.4	288.3
河南	Henan	646.8	491.2	426.8	35.5	28.9	216.8	212.1
湖北	Hubei	425.5	343.5	318.0	15.8	9.7	9.6	9.6
湖南	Hunan	562.0	481.9	443.1	21.3	17.5	5.7	5.7
广东	Guangdong	457.4	269.6	263.2	4.4	2.0	17.3	17.2
广西	Guangxi	441.0	263.3	245.2	14.0	4.0	13.1	13.1
海南	Hainan	66.9	33.8	30.5	2.1	1.1	0.1	0.1
重庆	Chongqing	196.6	156.6	142.0	7.6	6.9	3.1	3.1
四川	Sichuan	664.0	524.4	460.5	36.9	27.1	68.4	68.3
贵州	Guizhou	228.2	194.7	166.2	23.6	4.9	4.9	4.9
云南	Yunnan	488.1	423.5	360.4	42.0	21.1	72.5	68.4
西藏	Tibet	27.4	27.0	1.3	20.5	5.1	53.7	48.8
陕西	Shaanxi	128.0	116.7	97.6	9.0	10.2	161.9	104.6
甘肃	Gansu	135.3	124.6	64.1	27.0	33.5	67.5	66.6
青海	Qinghai	40.0	39.5	6.0	21.2	12.3	35.6	35.4
宁夏	Ningxia	35.3	32.4	9.1	11.8	11.5	280.5	280.5
新疆	Xinjiang	198.7	158.8	49.9	48.5	60.4	221.9	211.5

12-14 续表 continued

年份	Year	绵羊毛		山羊粗毛	山羊绒	禽蛋	蜂蜜	
		(吨)	#细羊毛					#半细羊毛
地区	Region	Sheep Wool (ton)	Fine Wool	Semi-Fine Wool	Goat Wool (ton)	Cashmere (ton)	Poultry Eggs (10 000 tons)	Honey (10 000 tons)
1996		298102	121020	74099	35284	9585	1965.2	18.3
2000		292502	117386	84921	33266	11057	2182.0	24.6
2005		393172	127862	123068	36904	15435	2438.1	29.3
2006		387643	131543	116043	35171	16223	2424.0	33.4
2007		371075	124262	108635	35333	15665	2546.7	38.0
2008		369665	119279	105272	35477	16534	2699.6	38.5
2009		358121	124365	109013	35910	16593	2751.9	39.7
2010		385125	123504	113998	36226	17848	2776.9	38.2
2011		386487	132877	113305	38070	17126	2830.4	41.2
2012		393725	124716	127313	40505	17211	2885.4	43.8
2013		402081	131730	128335	40215	17307	2905.5	43.7
2014		407230	122251	132693	38655	18465	2930.3	46.3
2015		413134	130537	134905	35487	18684	3046.1	47.3
2016		411642	129164	137973	35785	18844	3160.5	55.5
2017		410523	127921	133458	32863	17852	3096.3	54.3
2018		356608	117891	120430	26965	15438	3128.3	44.7
2019		341120	108973	113284	24875	14964	3309.0	44.4
2020		333625	106109	116849	24034	15244	3467.8	45.8
2021		356217	98154	128262	23332	15102	3408.8	47.3
北京	Beijing	2.7	1.0	1.4	4.2	1.9	9.4	0.1
天津	Tianjin	409.6	39.7	369.9	7.2	0.3	19.2	0.0
河北	Hebei	20709.5	4303.5	14173.5	2012.3	729.3	386.8	1.2
山西	Shanxi	10617.4	2654.3	6998.7	1909.8	1336.0	112.3	0.8
内蒙古	Inner Mongolia	120553.9	41149.4	16889.6	6418.6	6109.1	61.6	0.2
辽宁	Liaoning	6171.4	711.7	5459.7	1728.7	1268.1	325.3	0.2
吉林	Jilin	17014.0	9031.4	7982.6	262.3	36.8	104.7	1.1
黑龙江	Heilongjiang	23109.6	3556.4	19553.2	509.5	61.6	109.8	1.5
上海	Shanghai	12.2	9.7	2.6	61.1		2.6	0.1
江苏	Jiangsu	255.4	85.3	170.1	7.1	0.1	230.3	0.5
浙江	Zhejiang	1031.0	1.9	1029.1	50.1	5.9	30.9	5.0
安徽	Anhui	111.6	60.6	49.4	16.3	0.5	177.1	1.9
福建	Fujian	1.5	0.5	1.0			55.9	1.8
江西	Jiangxi	22.5	14.5	8.0	139.7	0.1	62.6	1.5
山东	Shandong	5384.0	853.3	4429.8	330.8	47.0	455.4	0.8
河南	Henan	3117.9	370.7	2194.9	1764.7	232.9	446.4	6.5
湖北	Hubei	29.3	23.6	5.7	32.0	0.0	196.7	2.0
湖南	Hunan				4.4	1.1	117.9	1.5
广东	Guangdong						43.7	4.0
广西	Guangxi						27.1	2.6
海南	Hainan						5.0	0.1
重庆	Chongqing	0.1		0.1	0.3		47.9	2.2
四川	Sichuan	4505.3	1675.4	2629.9	407.5	70.0	169.2	6.3
贵州	Guizhou	563.6	150.6	413.0	55.0	7.0	27.7	0.4
云南	Yunnan	1180.0	206.4	973.6	139.6	9.7	41.7	1.3
西藏	Tibet	7164.1	1325.7	1856.6	719.7	768.5	0.7	0.0
陕西	Shaanxi	3350.8	1082.7	2268.0	1791.5	1536.9	63.4	1.2
甘肃	Gansu	34791.5	10109.6	6614.3	1420.7	406.9	22.3	0.6
青海	Qinghai	13564.2	2371.6	10311.2	381.4	171.5	1.4	0.0
宁夏	Ningxia	7573.2	1680.8	3529.7	474.1	363.6	12.9	0.1
新疆	Xinjiang	74970.4	16683.3	20346.4	2683.4	1937.3	41.0	1.6

12-15 水产品产量

Output of Aquatic Products

单位: 万吨

(10 000 tons)

年份 Year	地区 Region	水产品 总产量 Total Aquatic Products	海水产品 Seawater Aquatic Products		鱼类 Fish	虾蟹类 Shrimps, Prawns and Crabs	贝类 Shellfish	藻类 Algae	其他 Others
			天然生产 Naturally Grown	人工养殖 Artificially Cultured					
1978		465.4	359.5	314.5	45.0	256.1	50.6	26.8	26.0
1980		449.7	325.7	281.3	44.4	234.1	42.1	23.4	26.2
1985		705.2	419.7	348.5	71.2	274.5	70.6	47.3	27.3
1990		1427.3	895.7	611.5	284.2	423.1	107.0	147.3	27.5
1995		2953.0	1861.3	1139.8	721.5	758.1	184.8	392.3	74.9
2000		3706.2	2203.9	1275.9	928.0	896.7	257.9	901.7	106.1
2005		4419.9	2465.9	1255.1	1210.8	913.9	281.3	1008.1	133.9
2006		4583.6	2509.6	1245.4	1264.2	892.1	299.4	1046.7	137.6
2007		4747.5	2550.9	1243.6	1307.3	891.3	298.9	1068.2	138.8
2008		4895.6	2598.3	1258.0	1340.3	864.3	288.8	1072.5	142.3
2009		5116.4	2681.6	1276.3	1405.2	880.8	303.6	1120.0	148.4
2010		5373.0	2797.5	1315.2	1482.3	906.3	310.4	1170.4	156.6
2011		5603.2	2908.0	1356.7	1551.3	1075.2	321.8	1212.8	162.9
2012		5502.1	2889.6	1314.4	1575.2	957.3	345.7	1264.8	179.0
2013		5744.2	2992.4	1327.7	1664.7	972.8	362.6	1327.6	188.5
2014		6001.9	3136.3	1403.9	1732.4	1042.5	382.9	1371.7	202.9
2015		6211.0	3232.3	1435.7	1796.6	1078.0	386.3	1414.0	211.5
2016		6379.5	3301.3	1386.0	1915.3	1063.1	396.1	1476.9	219.3
2017		6445.3	3321.7	1321.0	2000.7	1115.8	370.7	1481.4	224.8
2018		6457.7	3301.4	1270.2	2031.2	1091.5	368.2	1487.0	236.2
2019		6480.4	3282.5	1217.2	2065.3	1060.5	366.2	1480.2	255.6
2020		6549.0	3314.4	1179.1	2135.3	1055.4	358.6	1516.3	263.7
2021		6690.3	3387.2	1176.1	2211.1	1054.2	371.6	1562.0	273.5
北京	Beijing	16.6	15.2	15.2		15.2			
天津	Tianjin	27.3	4.3	3.2	1.1	2.9	1.2	0.1	0.1
河北	Hebei	108.1	78.4	24.0	54.3	16.3	8.2	44.8	9.1
山西	Shanxi	5.1							
内蒙古	Inner Mongolia	10.7							
辽宁	Liaoning	482.4	397.0	72.1	324.9	58.3	12.3	253.3	50.6
吉林	Jilin	24.9							22.6
黑龙江	Heilongjiang	71.9							
上海	Shanghai	22.8	15.9	15.9	0.0	15.3	0.6	0.0	0.0
江苏	Jiangsu	493.8	130.6	42.5	88.1	31.1	21.6	69.4	4.8
浙江	Zhejiang	599.1	457.0	317.7	139.3	235.0	82.7	111.2	11.5
安徽	Anhui	236.5							
福建	Fujian	853.1	757.5	213.8	543.7	217.5	49.7	344.0	127.4
江西	Jiangxi	269.5							18.8
山东	Shandong	854.4	740.3	202.9	537.4	162.5	42.0	435.6	71.0
河南	Henan	94.3							29.3
湖北	Hubei	483.2							
湖南	Hunan	266.1							
广东	Guangdong	884.5	455.0	118.8	336.2	165.9	93.0	181.4	6.7
广西	Guangxi	354.8	208.5	49.8	158.7	41.3	42.4	118.2	6.6
海南	Hainan	164.1	127.4	100.1	27.3	92.9	18.0	4.0	1.5
重庆	Chongqing	54.5							11.0
四川	Sichuan	166.5							
贵州	Guizhou	26.2							
云南	Yunnan	65.8							
西藏	Tibet	0.1							
陕西	Shaanxi	17.1							
甘肃	Gansu	1.4							
青海	Qinghai	1.8							
宁夏	Ningxia	16.6							
新疆	Xinjiang	17.1							

注: 北京市水产品产量含中农发集团产量。

a) Data of aquatic products of Beijing include that of China National Agricultural Development Group Co., Ltd.



12-15 续表 continued

单位: 万吨

(10 000 tons)

年份 Year	地区 Region	淡水产品 Freshwater Aquatic Products						其他 Others
		天然生产 Naturally Grown	人工养殖 Artificially Cultured	鱼类 Fish	虾蟹类 Shrimps, Prawns and Crabs	贝类 Shellfish		
1978		105.9	29.6	76.2	99.7	3.8	2.4	
1980		124.0	33.9	90.2	116.3	5.2	2.5	
1985		285.4	47.6	237.8	276.5	5.5	3.4	
1990		531.6	85.6	445.9	504.9	9.5	7.6	9.6
1995		1091.8	151.0	940.8	1018.6	27.3	20.5	25.3
2000		1502.3	193.4	1308.9	1358.4	76.3	40.0	27.7
2005		1954.0	221.0	1733.0	1737.2	140.3	46.3	30.2
2006		2074.0	220.4	1853.6	1822.5	167.8	50.9	32.8
2007		2196.6	225.6	1971.0	1908.5	202.1	50.5	35.5
2008		2297.3	224.8	2072.5	1998.5	210.1	50.1	38.7
2009		2434.9	218.4	2216.5	2109.9	228.8	52.0	44.2
2010		2575.5	228.9	2346.5	2225.6	248.1	53.8	47.9
2011		2695.2	223.2	2471.9	2343.7	248.8	53.9	48.8
2012		2612.5	204.0	2408.5	2235.9	268.7	54.0	54.0
2013		2751.9	204.2	2547.7	2366.5	277.0	52.8	55.5
2014		2865.7	202.5	2663.2	2470.7	288.7	51.4	54.8
2015		2978.7	199.3	2779.3	2571.9	300.2	51.6	54.9
2016		3078.2	200.3	2877.9	2653.8	316.1	52.5	55.8
2017		3123.6	218.3	2905.3	2702.6	320.8	46.7	53.6
2018		3156.2	196.4	2959.8	2691.4	369.7	40.8	54.4
2019		3197.9	184.1	3013.7	2686.4	416.5	39.4	55.5
2020		3234.6	145.8	3088.9	2697.3	442.0	35.8	59.6
2021		3303.1	119.8	3183.3	2732.3	470.7	33.7	66.3
北京	Beijing	1.4	0.3	1.2	1.4			0.0
天津	Tianjin	23.0	0.3	22.7	19.0	3.9	0.0	0.0
河北	Hebei	29.7	3.5	26.2	26.7	2.8	0.0	0.2
山西	Shanxi	5.1	0.1	5.0	5.0	0.0	0.0	0.0
内蒙古	Inner Mongolia	10.7	1.0	9.6	10.2	0.1		0.3
辽宁	Liaoning	85.4	3.7	81.7	76.6	8.5	0.0	0.3
吉林	Jilin	24.9	1.9	23.1	23.9	0.4	0.0	0.6
黑龙江	Heilongjiang	71.9	4.3	67.6	69.4	2.0	0.1	0.4
上海	Shanghai	6.8	0.1	6.8	4.7	2.1		0.0
江苏	Jiangsu	363.2	17.8	345.4	254.2	97.2	8.9	2.8
浙江	Zhejiang	142.0	15.6	126.4	107.8	17.4	3.7	13.2
安徽	Anhui	236.5	12.3	224.2	157.0	67.9	5.9	5.7
福建	Fujian	95.6	7.2	88.4	79.5	10.3	4.7	1.1
江西	Jiangxi	269.5	3.4	266.1	231.5	24.9	3.8	9.4
山东	Shandong	114.1	9.6	104.6	96.9	15.7	0.3	1.2
河南	Henan	94.3	11.0	83.3	86.2	7.3	0.5	0.3
湖北	Hubei	483.2	2.6	480.6	349.4	124.8	0.5	8.5
湖南	Hunan	266.1	0.6	265.5	216.1	40.8	1.2	7.9
广东	Guangdong	429.5	8.9	420.6	388.2	33.0	1.8	6.4
广西	Guangxi	146.3	8.5	137.7	139.4	1.4	1.7	3.8
海南	Hainan	36.7	1.5	35.2	35.9	0.4	0.1	0.3
重庆	Chongqing	54.5		54.5	52.5	1.3	0.0	0.7
四川	Sichuan	166.5		166.5	158.7	6.1	0.2	1.4
贵州	Guizhou	26.2	0.5	25.7	25.4	0.5	0.1	0.2
云南	Yunnan	65.8	2.9	62.8	64.7	0.6	0.1	0.3
西藏	Tibet	0.1	0.1	0.0	0.0	0.0		0.1
陕西	Shaanxi	17.1		17.1	15.7	0.4		1.0
甘肃	Gansu	1.4		1.4	1.4	0.0		0.0
青海	Qinghai	1.8		1.8	1.8	0.0		
宁夏	Ningxia	16.6	0.6	16.0	16.4	0.1		0.1
新疆	Xinjiang	17.1	1.6	15.5	16.4	0.7	0.0	



12-16 人均主要农产品产量

Per Capita Output of Major Farm Products

单位: 公斤

(kg)

年份	Year	粮食		棉花	油料	猪牛羊肉	水产品	牛奶
		Grain	#谷物					
地区	Region		Cereals	Cotton	Oil-bearing Crops	Pork, Beef and Mutton	Total Aquatic Products	Milk
1978		319		2.3	5.5	9.1	4.9	
1980		327		2.8	7.8	12.3	4.6	1.2
1985		361		3.9	15.0	16.8	6.7	2.4
1990		393		4.0	14.2	22.1	10.9	3.7
1995		387	345	4.0	18.7	27.4	20.9	4.8
2000		366	321	3.5	23.4	37.6	29.4	6.6
2005		371	328	4.4	23.6	42.0	33.9	21.1
2006		380	344	5.7	20.1	42.8	35.0	22.5
2007		383	349	5.8	21.1	40.4	36.0	22.4
2008		403	367	5.5	22.9	43.0	37.0	22.7
2009		405	370	4.7	23.6	44.8	38.4	22.5
2010		418	383	4.3	23.6	46.2	40.2	22.7
2011		438	402	4.8	23.9	45.5	41.5	23.1
2012		452	418	4.9	24.3	47.5	40.5	23.4
2013		462	430	4.6	24.6	48.6	42.0	21.9
2014		466	434	4.6	24.6	49.9	43.6	23.0
2015		479	448	4.3	24.6	48.5	44.9	23.0
2016		476	444	3.8	24.5	46.7	45.8	22.0
2017		474	441	4.0	24.9	46.8	46.0	21.7
2018		469	435	4.4	24.5	46.4	45.9	21.9
2019		472	436	4.2	24.8	38.4	46.0	22.7
2020		474	437	4.2	25.4	37.4	46.4	24.4
2021		483	448	4.1	25.6	46.1	47.4	26.1
北京	Beijing	17	17	0.0	0.2	1.5	1.0	11.8
天津	Tianjin	181	180	0.3	0.2	15.1	19.8	37.5
河北	Hebei	513	492	2.1	15.9	47.7	14.5	66.8
山西	Shanxi	408	383	0.0	4.4	30.9	1.5	38.8
内蒙古	Inner Mongolia	1599	1470	0.0	89.1	104.0	4.4	280.3
辽宁	Liaoning	598	586		27.4	65.3	113.7	32.7
吉林	Jilin	1692	1655		35.9	80.0	10.5	13.7
黑龙江	Heilongjiang	2499	2257		4.3	79.5	22.8	158.9
上海	Shanghai	38	38	0.0	0.2	3.1	9.2	11.8
江苏	Jiangsu	441	430	0.1	11.5	21.7	58.2	7.6
浙江	Zhejiang	95	84	0.1	4.9	10.6	92.1	2.9
安徽	Anhui	669	650	0.5	27.4	44.5	38.7	7.8
福建	Fujian	121	98	0.0	5.6	31.0	204.4	4.7
江西	Jiangxi	485	465	0.4	29.0	57.1	59.7	1.8
山东	Shandong	541	525	1.4	28.1	44.3	84.0	28.4
河南	Henan	660	640	0.1	66.3	49.6	9.5	21.4
湖北	Hubei	478	451	1.9	61.2	59.3	83.5	1.7
湖南	Hunan	463	442	1.2	39.6	72.6	40.1	0.9
广东	Guangdong	101	92		9.3	21.3	69.9	1.4
广西	Guangxi	276	260	0.0	15.1	52.4	70.6	2.6
海南	Hainan	144	125		7.3	33.2	161.5	0.1
重庆	Chongqing	340	237		21.3	48.8	17.0	1.0
四川	Sichuan	428	344	0.0	49.8	62.6	19.9	8.2
贵州	Guizhou	284	196	0.0	24.6	50.5	6.8	1.3
云南	Yunnan	410	341		13.6	90.0	14.0	14.5
西藏	Tibet	290	284		12.5	73.6	0.2	133.5
陕西	Shaanxi	321	286	0.0	14.8	29.5	4.3	26.5
甘肃	Gansu	493	389	1.2	23.6	49.9	0.6	26.7
青海	Qinghai	184	127		53.7	66.6	3.1	59.6
宁夏	Ningxia	510	458		6.7	44.8	23.0	388.0
新疆	Xinjiang	670	658	198.1	13.4	61.3	6.6	81.7

注: 因第七次全国人口普查后历史数据修订, 近十年人均主要农产品产量数据相应调整。

a) As the historical data are revised after the Seventh National Population Census, the per capita output of major agricultural products in recent ten years has been adjusted accordingly.

12-17 国有农场基本情况

Basic Statistics on State Farms

本表为农垦系统数据。
Data in this table are from land reclamation departments.

指 标	Item	2017	2018	2019	2020	2021
农场数 (个)	Number of Farms (unit)	1758	1759	1834	1803	1787
职工人数 (万人)	Number of Staff and Workers (10 000 persons)	271.5	192.1	214.7	247.1	232.3
耕地面积 (千公顷)	Area of Cultivated Land (1 000 hectares)	6455.6	6419.7	6480.8	6516.6	6606.0
农业机械总动力 (亿瓦)	Total Power of Agricultural Machinery (100 million watts)	302.6	306.2	311.9	320.9	330.8
农业机械拥有量(万台、万辆)		Possession of Agricultural Machinery(10 000 units)				
大中型农用拖拉机	Large and Medium-sized Agricultural Tractors	22.2	22.9	22.8	23.1	23.8
小型及手扶拖拉机	Small and Walking Agricultural Tractors	30.1	37.3	29.1	28.2	28.1
农用排灌动力机械	Machinery for Agricultural Drainage and Irrigation	28.7	33.3	39.2	30.0	29.2
联合收割机	Combine Harvesters	6.4	6.4	6.5	6.8	7.1
农用运输汽车	Trucks for Agricultural Use	8.2	7.6	7.7		
农用化肥施用量 (万吨)	Consumption of Chemical Fertilizers (10 000 tons)	278.0	273.8	252.3	242.8	238.0
农业总产值 (亿元)	Gross Agricultural Output Value (100 million yuan)	3837.2	3823.1	3862.1	4230.3	4634.8
农作物总播种面积(千公顷)	Sown Area of Farm Crops (1 000 hectares)	6872.7	6851.2	6789.1	6850.8	6995.9
粮食作物	Grain	4894.1	4827.0	4794.8	4807.8	4990.4
谷物	Cereals	3815.5	4022.4	3766.1	3748.1	4092.5
棉花	Cotton	796.4	1021.8	1006.6	1016.2	1014.8
油料	Oil-bearing Crops	337.2	306.2	309.7	306.8	276.5
糖料	Sugar Crops	90.4	93.6	97.3	95.0	81.7
麻类	Fiber Crops	5.1	5.7	7.0	7.9	6.0
年底实有茶园面积	Area of Tea Plantations (year-end)	28.5	27.3	31.9	29.8	30.3
年底实有桑园面积	Area of Mulberry Plantations (year-end)	1.0	0.9	1.3	0.8	1.6
年底实有果园面积	Area of Orchards (year-end)	418.0	411.3	404.2	403.3	394.5
年底实有橡胶园面积	Area of Rubber Plantations (year-end)	453.6	439.1	425.4	407.3	401.4
主要农产品产量 (万吨)		Output of Major Farm Products (10 000 tons)				
粮食作物	Grain	3515.2	3652.8	3441.1	3562.7	3876.0
谷物	Cereals	3198.4	3359.4	3154.2	3241.9	3585.8
棉花	Cotton	208.6	284.8	244.7	261.8	263.3
油料	Oil-bearing Crops	76.6	79.7	75.7	73.5	68.7
糖料	Sugar Crops	774.8	755.8	746.5	712.5	613.2
麻类	Fiber Crops	3.0	8.2	10.2	3.2	2.2
茶叶	Tea	5.2	5.6	5.3	4.3	4.4
水果	Fruits	737.5	745.3	784.2	817.0	831.2
干胶	Rubber	27.0	29.3	28.5	25.6	27.3
畜牧业、渔业生产		Production of Animal Husbandry and Fishery				
大牲畜年底头数 (万头)	Number of Large Animals (year-end)(10 000 heads)	300.5	280.2	299.0	309.8	345.0
猪年底头数 (万头)	Number of Hogs (10 000 heads)	1263.7	1173.1	728.4	881.7	995.9
羊年底只数 (万只)	Number of Sheep and Goats (10 000 heads)	1369.8	1236.5	1118.5	1083.0	1084.7
#绵羊	Sheep	1140.4	1031.6	916.7	931.1	933.2
畜产品产量 (万吨)		Output of Livestock Products (10 000 tons)				
猪牛羊肉	Pork, Beef and Mutton	189.4	163.0	139.0	129.0	159.6
#猪肉	Pork	150.9	126.2	102.1	92.5	119.6
牛奶	Milk	385.1	389.8	418.2	435.2	467.0
禽蛋	Poultry Eggs	54.4	45.4	48.1	48.8	47.7
羊毛	Sheep Wool	3.4	3.2	3.2	3.1	3.1
水产品总产量 (万吨)	Total Output of Aquatic Products (10 000 tons)	160.9	162.8	161.4	176.7	177.1

注：1.本表数据来自于农业农村部农垦局。

2.从2020年起“职工人数”指标口径调整为“职工期末人数”；另外“农用运输汽车”取消调查。

3.2021年，农业农村部农垦局开展了国有农场专项调度，对2020年农场数量进行了修正。

a) The data in this table are from the Bureau of Land Reclamation of the Ministry of Agriculture and Rural Affairs.

b) From 2020, the indicator caliber of "number of employees" will be adjusted to "number of employees at the end of the period"; In addition, the investigation of "agricultural transport vehicles" was cancelled.

c) In 2021, the Bureau of Land Reclamation of the Ministry of Agriculture and Rural Affairs carried out special dispatch of state-owned farms, and revised the number of farms in 2020.



主要统计指标解释

农林牧渔业总产值 指以货币表现的农、林、牧、渔业全部产品和对农林牧渔业生产活动进行的各种支持性服务活动的价值总量,它反映一定时期内农林牧渔业生产总规模和总成果。1993年以前农林牧渔业总产值包括农、林、牧、副、渔五业,从1993年起取消副业,将野生动物的捕猎划入牧业,野生植物采集和农民家庭兼营商品性工业划归农业。从2003年起,执行新的国民经济行业分类标准,农林牧渔业总产值中包括了农、林、牧、渔及农林牧渔服务业产值,2018年以后农林牧渔服务业产值改称农林牧渔专业及辅助性活动产值。农业中取消了家庭兼营商品性工业产值,将野生林产品的采集划归林业。第一、二、三次农业普查以后,根据农业普查结果,对农业、牧业、渔业产值进行了修订。2010年执行《统计用产品分类目录》,对2009年的农业、林业产值做了相应调整。

农林牧渔业总产值采用“产品法”进行计算,通常是按农、林、牧、渔业产品及其副产品的产量分别乘以各自单位产品价格求得;少数生产周期较长,当年没有产品或产品产量不易统计的,则采用间接方法匡算其产值;然后将四业产品产值及农林牧渔专业及辅助性活动产值相加即为农林牧渔业总产值。

粮食产量 指日历年内生产的全部粮食数量。按收获季节包括夏收粮食、早稻和秋收粮食,按作物品种包括谷物、豆类和薯类。其产量计算方法:谷物按脱粒后的原粮计算,豆类按去豆荚后的干豆计算;薯类(包括甘薯和马铃薯,不包括芋头和木薯)1964年以前按每4公斤鲜薯折1公斤粮食计算,从1964年开始改为按5公斤鲜薯折1公斤粮食计算;城市郊区作为蔬菜的薯类(如马铃薯等)按鲜品计算,并且不作粮食统计。1989年以前全国粮食产量数据主要靠全面报表取得,1989年开始使用抽样调查数据。

棉花产量 指全社会棉花的产量。包括春播棉和夏播棉。产量按皮棉计算。不包括木棉。

油料产量 指全部油料作物的生产量。包括花生、油菜籽、芝麻、向日葵籽、胡麻籽(亚麻籽)和其他油料。不包括大豆、木本油料和野生油料。花生以带壳干花生计算。

水产品产量 指渔业(捕捞和养殖)生产活动的最终有效成果,包括全部海水和淡水鱼类、甲壳类(虾、蟹)、贝类、头足类、藻类和其他类渔业产品的最终产量。水产品产量是通过各级渔业主管部门逐级上报取得数据。1995年及以前,贝类中牡蛎按鲜肉计算;蚶、蛤、蛙按5斤鲜品折1

斤计算。1996年以后则统一按鲜品计算。

猪、牛、羊、禽肉产量 指当年出栏并已屠宰、除去头蹄下水后带骨肉(即胴体重)的重量。1996年以前为全面统计并逐级上报数据。1996年第一次农业普查以后,根据普查结果,对畜牧业主要年报数据进行了修正。1999年,国家统计局在部分地区开展了猪、牛、羊、禽等主要畜禽品种的抽样调查,并用抽样数据作为国家定案数据使用。未开展抽样调查的地区,仍使用各级统计部门逐级上报数据。2008年,建立了主要畜禽监测调查制度,猪、牛、羊、禽等主要畜禽数据均以抽样调查数为法定数据。

期初(末)畜禽存栏头(只)数 指报告期初(末)饲养的大牲畜、猪、羊、家禽等畜禽的数量。数据上报方式及数据调整情况同猪、牛、羊、禽肉产量。

农作物播种面积 指日历年内收获农作物在全部土地(耕地或非耕地)上的播种或移植面积。凡是本年内收获的农作物,无论是本年还是上年播种,都算为播种面积,但不包括本年播种,下年收获的农作物面积。

耕地灌溉面积 指具有一定的水源,地块比较平整,灌溉工程或设备已经配套,在一般年景下能够进行正常灌溉的耕地面积。在一般情况下,耕地灌溉面积应等于灌溉工程或设备已经配套,能够进行正常灌溉的水田和水浇地面积之和。它是反映我国农田水利建设的重要指标。

农用化肥施用量 指本年内实际用于农业生产的化肥数量,包括氮肥、磷肥、钾肥和复合肥。化肥施用量要求按折纯量计算数量。折纯量是指把氮肥、磷肥、钾肥分别按含氮、含五氧化二磷、含氧化钾的百分之百成份进行折算后的数量。复合肥按其所含主要成分折算。公式为:

折纯量=实物量×某种化肥有效成份含量的百分比

农业机械总动力 指全部农业机械动力的额定功率之和。农业机械是指用于种植业、畜牧业、渔业、农产品初加工、农用运输和农田基本建设等活动的机械及设备。农机总动力按使用能源不同分为以下四部分:

柴油发动机动力:指全部柴油发动机额定功率之和;

汽油发动机动力:指全部汽油发动机额定功率之和;

电动机动力:指全部电动机(含潜水电泵的电动机)额定功率之和;

其他机械动力:指采用柴油、汽油、电力之外的其他能源,如水力、风力、煤炭、太阳能等动力机械功率之和。

本指标的统计数据来源于农业农村部。

Explanatory Notes on Main Statistical Indicators

Gross Output Value of Agriculture, Forestry, Animal Husbandry and Fishery refers to the total value of products (expressed in monetary terms) of agriculture, forestry, animal husbandry and fishery, and total value of services in support of agriculture, forestry, animal husbandry and fishery activities. It reflects the total scale and results of agricultural production during a given period. Before 1993, the gross output value of agriculture, forestry, animal husbandry and fishery included agriculture, forestry, animal husbandry, sideline and fishery. Since 1993, the subdivision of sideline occupations has been cancelled, and the hunting of wild animals has been classified into animal husbandry, and the gathering of wild plants and commodity industry run by rural household have been included in farming. A new industrial classification of economic activities was introduced in 2003. Under the new classification, the gross output value of agriculture included the value of farming, forestry, animal husbandry, and fishery, and included value of services to agriculture, forestry, animal husbandry and fishery. In 2018, the output value of services to agriculture, forestry, animal husbandry and fishery was renamed the output value of professional and support activities in agriculture, forestry, animal husbandry and fishery, value of industrial output by rural households is not included in agriculture. According to the result of the first, second and third agriculture census, efforts were made to adjust the output value of agriculture, animal husbandry and fishery output. In line with the *Classification of Products for Statistical Purposes* implemented in 2010, relevant revisions were made on the output value of agriculture and forestry in 2009.

Gross output value of agriculture is calculated by product method, and is obtained by multiplying the output of each product or by-product by its price, resulting in the output value of each single item. For a small number of products, annual output of which is not available or difficult to get due to the long production (growing) process involved, the output value is estimated through an indirect approach. The sum of output values of all products of agriculture, forestry, animal husbandry and fishery and professional and support activities in agriculture, forestry, animal husbandry and fishery is then equal to the gross output value of agriculture.

Grain Output refers to the total output of grains produced within a calendar year. It includes summer crops, early rice and autumn crops by harvest seasons; and covers cereals, beans and tubers by type of crops. Output of cereals cover husked grain only. Output of beans refers to dry beans without pods. The output of tubers (sweet potatoes and potatoes, not including taros and cassava) are converted with the ratio of 4:1, i.e. 4 kilograms of fresh tubers were equivalent to 1 kilogram of grain before 1964. Since 1964 the ratio has been changed to 5:1. Tubers consumed as vegetables (such as

potatoes) in cities and suburbs are calculated as fresh vegetables and their output is not included in the output of grain. Data on grain production before 1989 were obtained through the comprehensive statistical reporting system. Since 1989, data from sample surveys are used.

Cotton Output refers to cotton production in the whole country including cotton planted in spring and in summer. Output is measured as the weight of ginned cotton. Ceiba is not included.

Output of Oil-bearing Crops refers to the total production of oil-bearing crops of various kinds, including peanuts (dry, in shell), rapeseeds, sesame, sunflower seeds, flax seeds, and other oil-bearing crops. Soybeans, oil-bearing woody plants, and wild oil-bearing crops are not included.

Output of Aquatic Products refers to final output actually yielded from fishing production (fishery and breeding), including all output of marine and freshwater fish, crustaceans (shrimps, crabs), shellfish, cephalopod, seaweed and other fishery products. Data on output of aquatic products are reported by fishery agencies level by level. Before 1995, among the shellfish, oyster was counted as fresh meat; and 5 kilograms of ark shell, clams and frogs were equivalent to 1 kilogram of fresh aquatic products; they have all been counted as fresh aquatic products since 1996.

Output of Pork, Beef, Mutton and Poultry refers to the meat of slaughtered hogs, cattle, sheep and goats with head, feet, and offal taken away. Before 1996, data were obtained through bottom-up comprehensive reporting system. The first agricultural census of China in 1996 revealed some discrepancy between the production of animal products from the annual reports and that from the census. Efforts were made to adjust the output value of animal husbandry to make the figures from the annual reports consistent with the census data. Since 1999, the NBS conducted sample surveys in selected regions for the major animal husbandry products, such as hogs, cattle, sheep and goats and fowls, and the data from sample surveys are used as finalized national data. Production of other regions which are not covered by the sample survey is still reported by statistical agencies level by level. A monitoring and survey program was set up in 2008 on main livestock, and data on the main livestock such as hog, cattle, sheep and poultry from the sample survey became the official data.

Number of Livestock or Poultry in Stock at Beginning/End of Period refers to the total number of large animals, pigs, sheep, fowls, etc. raised at the beginning/end of the reference period. Data reporting system and data adjustment are the same as that in the output of pork, beef, mutton and poultry.

Sown Area of Crops refers to area of all land (cultivated or non-cultivated area) sown or transplanted with



crops that are harvested within the calendar year. All crops harvested within the year are counted as sown area, regardless of being sown in this year or the previous year. Crops sown this year but will be harvested in the coming year are excluded.

Irrigated Area of Cultivated Land refers to area of land that are effectively irrigated, i.e. relatively level land, where there are water sources or complete sets of irrigation facilities to lift and move adequate water for irrigation purpose under normal conditions. Under normal situations, irrigated area of cultivated land is the sum of watered fields and irrigated fields where irrigation systems or equipment have been installed for regular irrigation purpose. It is an important indicator to reflect the farmland water conservancy construction in China.

Consumption of Chemical Fertilizers in Agriculture refers to the quantity of chemical fertilizers applied in agriculture in the year, including nitrogenous fertilizer, phosphate fertilizer, potash fertilizer, and compound fertilizer. The consumption of chemical fertilizers is calculated in terms of volume of effective components by means of converting the gross weight of the respective fertilizers into weight containing effective component (e.g. nitrogen content in nitrogenous fertilizer, phosphorous pentoxide contents in phosphate fertilizer, and potassium oxide contents in potash fertilizer).

Compound fertilizer is converted in regard to its major components. The formula is:

Volume of effective component = physical quantity × effective component of certain chemical fertilizer (%)

Total Power of Agricultural Machinery refers to the total rated capacity of all agricultural machinery. Agricultural machinery refers to the machines and equipment which are used for activities of farming, animal husbandry, fishery, primary processing of agricultural products, agricultural transport and infrastructure construction of farmland. Total power of agricultural machinery is classified into 4 groups according to the energy used:

Diesel engine power refers to the total rated capacity of all diesel engines.

Gasoline engine power refers to the total rated capacity of all gasoline engines.

Electric motor power refers to the total rated capacity of all electric motors (include submersible pump motors).

Other mechanical powers refer to the total mechanical capacity of machinery using other forms of energy apart from diesel, gasoline and electricity, such as hydro power, wind power, coal and solar energy.

Data are mainly from Ministry of Agriculture and Rural Affairs.