农业

Agriculture

12

● 资料整理：郑宝卫　郑 洁　贾世云　刘露霞　金民伟

简要说明

一、主要内容

本篇包括我省农业生产和农村经济的基本情况，内容主要包括耕地、农业机械拥有量、农林牧渔业增加值、农作物播种面积、主要农产品及畜禽产品产量、水利设施与除涝治水等方面的统计资料。

二、统计范围

统计范围包括农村各种经济组织和农户经营的农林牧渔业生产活动；各种专业性农、林、牧、渔场的农业生产活动；国家各级机关、团体、学校、部队进行的农业生产活动；集体所有制的乡、镇、村办农场的农业生产活动；以及工矿企业经营的农、林、牧、渔业生产活动。

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、畜牧业及农林牧渔业总产值增加值等数据进行了修订。具体修订情况见相关表的标注。2010年以后的农业、林业增加值数据是按照国家统计局制定的新《统计用产品分类目录》进行了调整。

三、资料来源

全省粮食作物播种面积及产量由国家统计局河南调查总队农业处编辑整理；市级粮食作物播种面积及产量由河南省地方经济社会调查队产量处编辑整理；农村基本情况、农林牧渔业增加值、经济作物播种面积及产量等由河南省统计局农业处编辑整理；畜牧业生产情况由国家统计局河南调查总队农村处编辑整理；林业生产情况、渔业生产情况、耕地面积、灌溉、水库和除涝、治水、治碱资料，农业机械拥有情况及农机化作业情况、农村基层组织情况等由河南省统计局农业处根据河南省林业厅、河南省农业厅水产局、河南省国土资源厅、河南省水利厅、河南省农业机械化管理局、河南省民政厅等部门提供的资料整理编辑。

Brief Introduction

I. Main Contents

The data in this chapter show the basic conditions of agricultural production and rural economy, including mainly cultivated number of rural employed persons, land, quantity of agricultural machinery, value-added of agriculture, forestry, animal husbandry and fishery, sown areas of farm crops, output of major products and livestock, facilities of water conservancy and efforts to eliminate water-logging and combat alkalinity, productive fixed assets owned by rural households.

II. Scope of Statistics Statistics on agriculture cover in agriculture statistics are production activities in agriculture, forestry, animal husbandry and fishery undertaken by rural economic units of various types and by rural households; production activities of farms specializing in agriculture, forestry, animal husbandry and fishery; production activities in agriculture undertaken by government agencies, institutions, schools and military units; production activities in agriculture undertaken by collective farms run by townships and villages; and production activities in agriculture, forestry, animal husbandry and fishery undertaken by manufacturing and mining enterprises.

Data on value-added of agriculture, forestry, animal husbandry and fishery and production of agriculture and animal husbandry in 2006 have been reflected basis on the second agricultural census. Data on value-added of agriculture and forestry since 2010 are adjusted according to the new classified catalogue of statistics product which formulated by NBS.

III. Sources of Data

Data on provincial sown areas, output of farm crops and livestock production are provided by Department of agricultural of the Henan provincial Bureau of Statistics and Department of Henan Survey organizations, NBS. Data on rural basic situation, value-added of agriculture, forestry, animal husbandry and fishery, municipal sown areas, output of farm crops and livestock production are provided by Department of agricultural of the Henan provincial Bureau of Statistics. Data on forestry, fishery, sown areas, irrigation and reservoirs, data on efforts to eliminate water-logging, to prevent floods by water control and to combat alkalinity, agricultural machinery, agricultural mechanization conditions and rural grassroots units are calculated by Henan province Bureau of statistics according to Henan provincial Bureau of forestry, Henan province agriculture department of administration, Henan provincial Bureau of Land and Resources, Henan provincial Bureau of water, Henan province administration of agricultural mechanization and Henan provincial Bureau of Civil affairs. Data on municipal output of farm crops come from Henan provincial survey organizations.

According to the results of the Third National Agricultural Census and in accordance with international practice, the data of the agriculture, livestock, animal husbandry, value-added and total output value of agriculture, forestry, animal husbandry and fishery after 2007 were revised. The details of the amendment are shown in the relevant tables.

12-1 农林牧渔业总产值

Value of Agriculture, Forestry, Animal Husbandry and Fishery

本表数据为当年价。

Data in this table are calculated at current prices.

单位：亿元 (100 million yuan)

年份 Year	农林牧渔业 Agriculture, Forestry, Animal Husbandry and Fishery	农业 Agriculture	林业 Forestry	牧业 Animal Husbandry	渔业 Fishery	农林牧渔服务业 Service for Agriculture,Forestry, Animal Husbandry and Fishery
1978	95.38	81.74	2.58	10.87	0.19	
1980	134.62	113.17	3.88	17.28	0.29	
1985	241.54	188.79	10.29	41.19	1.27	
1990	502.01	372.19	20.77	105.17	3.88	
1995	1304.25	865.82	38.32	391.08	9.03	
1996	1606.04	1092.35	41.61	461.41	10.67	
1997	1710.12	1105.73	47.20	544.05	13.14	
1998	1823.01	1159.55	50.20	597.13	16.13	
1999	1906.75	1231.89	51.75	605.61	17.50	
2000	1981.54	1264.29	56.18	641.56	19.51	
2001	2102.79	1331.55	57.00	693.81	20.43	
2002	2192.02	1215.22	64.42	773.57	21.31	117.50
2003	2193.09	1137.74	69.11	835.93	23.31	127.00
2004	2963.92	1602.88	75.85	1117.23	27.96	140.00
2005	3309.70	1790.37	83.92	1251.65	35.26	148.50
2006	3348.94	2011.09	94.92	1067.85	29.38	145.70
2007	3859.69	2248.65	104.85	1312.51	43.68	150.00
2008	4618.27	2547.77	122.89	1725.31	56.92	165.38
2009	4795.74	2811.18	134.09	1604.00	61.54	184.92
2010	5619.70	3504.07	115.29	1733.07	66.30	200.96
2011	6055.54	3553.25	127.32	2088.14	66.33	220.50
2012	6473.70	3897.46	140.85	2120.56	77.59	237.23
2013	6938.24	4126.25	152.35	2313.49	82.50	263.65
2014	7244.34	4399.17	152.40	2307.23	91.07	294.47
2015	7299.58	4503.71	134.28	2229.01	105.20	327.38
2016	7405.42	4459.29	121.28	2355.99	107.27	361.59
2017	7562.53	4552.68	128.88	2368.92	107.79	404.26

注：依据第三次全国农业普查结果，对2007-2016年农林牧渔业总产值、增加值数据进行了修订。(12-3、4、5表同)

a) According to the results of the Third National Agricultural Census, the data of the gross output value and value-added of agriculture, forestry, animal husbandry and fishery from 2007 to 2016 were revised (the same as table 12-3,12-4 and 12-5).

12-2 农林牧渔业总产值指数(上年=100)

Gross Output Value and Related Indices of Agriculture, Forestry, Animal Husbandry and Fishery (Preceding year=100)

本表数据按可比价格计算。
Data in this table are calculated at comparable prices.

年 份 Year	农林牧渔业 Agriculture, Forestry, Animal Husbandry and Fishery	农 业 Agriculture	林 业 Forestry	牧 业 Animal Husbandry	渔 业 Fishery	农林牧渔服务业 Service for Agriculture, Forestry, Animal Husbandry and Fishery
1978	109.6	110.2	109.7	105.3	100.7	
1980	105.0	106.4	117.9	93.7	114.0	
1985	104.3	98.8	119.3	143.6	130.5	
1990	107.8	107.0	105.0	111.9	119.8	
1995	117.6	113.3	106.1	128.5	115.3	
1996	112.6	111.2	110.8	115.4	115.1	
1997	107.9	105.6	103.3	112.5	117.3	
1998	106.9	105.3	104.7	109.7	114.7	
1999	107.7	108.8	103.7	106.3	108.9	
2000	105.4	104.2	105.6	107.2	112.1	
2001	105.6	105.4	101.3	106.2	104.5	
2002	104.3	104.9	105.2	103.1	113.7	
2003	98.0	90.4	103.8	106.9	108.3	108.7
2004	112.9	118.8	105.5	106.7	109.9	105.0
2005	107.5	107.7	104.7	107.6	122.5	104
2006	107.4	108.1	107.7	106.6	119	102.7
2007	103.9	104.7	105	101.9	113.1	104.1
2008	105.9	105.1	107.9	107.0	108.5	105.0
2009	104.4	103.1	107.5	106.0	106.6	105.5
2010	104.6	104.3	104.5	105.0	107.5	105.0
2011	103.8	104.3	107.1	102.2	107.2	105.5
2012	104.4	104.2	104.9	104.6	105.8	106.0
2013	104.4	104.1	107.0	104.1	106.5	108.9
2014	104.2	103.8	104.8	104.1	107.8	109.5
2015	104.6	105.5	101.7	102.2	110.5	109.7
2016	104.5	105.2	105.1	102.2	106.1	109.7
2017	104.5	105.0	106.3	102.5	106.4	109.9

12-3 农林牧渔业增加值

Value-Added of Agriculture, Forestry, Animal Husbandry and Fishery

本表增加值按当年价格计算，指数按可比价格计算。

Data in this table are calculated at current prices.Indices are calculated on comparable prices.

年份 Year	农林牧渔业 Agriculture, Forestry, Animal Husbandry and Fishery	农业 Agriculture	林业 Forestry	牧业 Animal Husbandry	渔业 Fishery	农林牧渔服务业 Service for Agriculture, Forestry, Animal Husbandry and Fishery
绝对值(亿元) Absolute value (100 million yuan)						
1985	173.43	139.96	9.19	23.07	1.21	
1990	325.77	251.82	16.61	54.08	3.26	
1995	762.99	512.10	28.55	215.85	6.49	
1996	937.64	644.25	31.04	254.70	7.65	
1997	1005.55	653.48	35.40	307.25	9.42	
1998	1068.58	690.35	37.65	329.21	11.37	
1999	1120.14	735.80	38.86	332.88	12.60	
2000	1160.22	751.03	41.72	353.77	13.70	
2001	1234.34	798.75	40.39	381.41	13.79	
2002	1246.44	722.49	37.73	431.69	15.20	39.33
2003	1239.70	673.54	42.16	466.45	16.55	41.00
2004	1692.79	956.92	46.27	624.53	19.85	45.22
2005	1892.01	1068.85	51.19	699.67	24.33	47.96
2006	1916.73	1196.84	57.72	595.05	20.21	46.91
2007	2206.18	1333.07	63.56	730.06	30.00	49.49
2008	2630.21	1504.60	74.26	957.92	39.04	54.39
2009	2726.29	1653.78	80.78	888.96	42.15	60.63
2010	3192.82	2053.47	69.49	958.84	45.34	65.68
2011	3421.09	2074.29	76.50	1153.18	45.29	71.84
2012	3654.20	2270.35	84.93	1168.97	52.90	77.05
2013	3913.47	2401.96	91.86	1277.03	56.35	86.27
2014	4089.88	2558.88	91.89	1275.14	62.32	101.66
2015	4154.41	2625.48	84.40	1233.56	72.12	138.85
2016	4217.40	2606.00	79.11	1305.65	72.89	153.75
2017	4310.55	2665.72	84.39	1316.03	73.14	171.26
指数(上年=100) Index (Preceding year=100)						
1985	100.8					
1990	105.4					
1995	111.9					
1996	111.3					
1997	107.6	105.3	104.2	112.0	117.8	
1998	107.0	105.4	104.7	109.7	114.6	
1999	107.2	108.2	103.0	106.2	106.3	
2000	104.5	103.2	105.2	106.6	110.2	
2001	105.5	105.4	96.4	107.1	100.2	
2002	104.5	103.8	103.2	105.4	115.3	
2003	97.5	90.1	108.0	106.9	108.3	106.9
2004	113.2	118.8	105.5	106.8	109.9	105.0
2005	107.6	107.7	104.7	107.6	119.0	104.0
2006	107.3	107.7	107.4	106.6	118.6	102.3
2007	103.8	104.7	105.0	101.5	111.7	104.1
2008	105.5	104.7	107.5	106.7	108.5	104.7
2009	104.2	102.9	107.2	105.8	106.3	105.2
2010	104.5	104.2	104.3	104.9	107.4	104.8
2011	103.7	104.2	107.0	102.0	106.9	105.3
2012	104.5	104.2	104.9	104.6	105.7	105.9
2013	104.3	104.1	107.0	104.1	106.5	108.9
2014	104.2	103.9	104.8	104.1	107.8	109.6
2015	104.5	105.5	101.7	102.2	110.5	109.7
2016	104.5	105.2	105.1	102.2	106.1	109.7
2017	104.5	105.02	106.3	102.5	106.4	109.9

注：2010年起的增加值数据，按照2011年国家统计局修订的《统计用产品分类目录》进行计算。

a) Data of Value-Added of Farming, Forestry, Animal Husbandry and Fishery are calculated on new statistical product category in 2010.

12-4 各市农林牧渔业总产值(2017年)

Gross Output Value of Agriculture, Forestry, Animal Husbandry and Fishery by City (2017)

本表按当年价格计算。
Data in this table are calculated at current prices.
单位：亿元 (100 million yuan)

市(县) City(County)	农林牧渔业 Agriculture, Forestry, Animal Husbandry and Fishery	农 业 Agriculture	林 业 Forestry	牧 业 Animal Husbandry	渔 业 Fishery	农林牧渔服务业 Service for Agriculture, Forestry, Animal Husbandry and Fishery
全 省 Total						
省 辖 市 City						
郑 州 市 Zhengzhou	263.08	164.87	4.80	72.48	14.94	5.99
开 封 市 Kaifeng	535.21	312.91	6.10	173.79	5.32	37.09
洛 阳 市 Luoyang	411.80	234.40	20.14	119.75	5.13	32.37
平 顶 山 市 Pingdingshan	310.84	148.52	9.36	133.60	4.44	14.93
安 阳 市 Anyang	354.79	253.99	4.66	78.51	0.76	16.86
鹤 壁 市 Hebi	113.42	38.54	0.70	66.62	1.05	6.52
新 乡 市 Xinxiang	378.56	224.30	4.32	129.64	4.93	15.38
焦 作 市 Jiaozuo	248.33	153.18	1.88	65.19	1.11	26.98
濮 阳 市 Puyang	291.40	155.37	5.53	94.60	2.01	33.89
许 昌 市 Xuchang	267.06	149.22	8.24	93.33	0.93	15.33
漯 河 市 Luohe	197.91	104.90	1.26	83.83	1.28	6.65
三 门 峡 市 Sanmenxia	208.03	160.86	2.96	40.80	1.61	1.80
南 阳 市 Nanyang	905.08	543.84	15.63	307.46	10.89	27.26
商 丘 市 Shangqiu	662.68	444.70	6.01	178.90	7.23	25.84
信 阳 市 Xinyang	799.33	521.19	20.92	194.81	27.81	34.60
周 口 市 Zhoukou	838.12	530.27	10.44	234.08	4.90	58.43
驻 马 店 市 Zhumadian	744.51	398.28	4.29	286.77	11.34	43.84
济 源 市 Jiyuan	32.37	13.34	1.63	14.78	2.13	0.51
省 直 管 县 County Directly Administrated by Province						
巩 义 市 Gongyi	23.05	8.11	1.03	11.44	0.44	2.02
兰 考 县 Lankao	70.99	35.75	2.27	26.78	0.28	5.90
汝 州 市 Ruzhou	67.93	23.90	3.69	35.12	0.25	4.96
滑 县 Huaxian	111.33	86.30	0.41	17.88	0.05	6.68
长 垣 县 Changyuan	59.43	42.93	1.64	12.55	0.41	1.89
邓 州 市 Dengzhou	180.35	104.59	0.74	64.18	0.68	10.16
永 城 市 Yongcheng	110.30	69.93	0.71	33.62	1.05	5.00
固 始 县 Gushi	123.45	76.02	1.20	39.55	4.71	1.97
鹿 邑 县 Luyi	93.28	56.11	0.84	28.81	0.38	7.14
新 蔡 县 Xincai	89.49	48.30	0.25	35.21	1.17	4.57

12-5 各市农林牧渔业增加值(2017年)

Value-Added of Agriculture, Forestry, Animal Husbandry and Fishery by City (2017)

本表按当年价格计算。
Data in this table are calculated at current prices.
单位：亿元 (100 million yuan)

市(县) City(County)	农林牧渔业 Agriculture, Forestry, Animal Husbandry and Fishery	农业 Agriculture	林业 Forestry	牧业 Animal Husbandry	渔业 Fishery	农林牧渔服务业 Service for Agriculture, Forestry, Animal Husbandry and Fishery
全省 Total						
省辖市 City						
郑州 市 Zhengzhou	154.89	89.86	2.20	53.07	6.46	3.30
开封 市 Kaifeng	289.64	179.09	3.91	93.66	2.46	10.52
洛阳 市 Luoyang	239.88	139.77	12.96	63.84	3.54	19.76
平顶山 市 Pingdingshan	173.10	82.99	6.52	73.81	3.00	6.78
安阳 市 Anyang	202.24	145.86	2.33	45.00	0.42	8.63
鹤壁 市 Hebi	61.40	22.46	0.36	34.90	0.72	2.95
新乡 市 Xinxiang	222.13	136.77	2.72	74.23	3.45	4.95
焦作 市 Jiaozuo	137.18	89.93	1.25	39.52	0.64	5.84
濮阳 市 Puyang	164.44	90.89	3.51	56.06	1.37	12.61
许昌 市 Xuchang	155.04	93.05	5.35	49.97	0.69	5.98
漯河 市 Luohe	111.89	58.96	0.83	49.13	0.77	2.20
三门峡 市 Sanmenxia	119.77	95.83	2.01	19.93	1.19	0.80
南阳 市 Nanyang	523.17	335.02	10.54	159.50	7.89	10.23
商丘 市 Shangqiu	381.32	276.53	4.23	86.27	5.43	8.86
信阳 市 Xinyang	459.36	303.70	16.51	95.07	22.63	21.45
周口 市 Zhoukou	473.56	301.57	6.06	135.43	3.57	26.93
驻马店 市 Zhumadian	422.20	215.95	2.05	177.51	7.48	19.21
济源 市 Jiyuan	19.35	7.49	1.05	9.14	1.42	0.25
省直管县 County Directly Administrated by Province						
巩义 市 Gongyi	13.22	4.29	0.60	6.86	0.20	1.28
兰考 县 Lankao	40.51	20.98	1.46	16.59	0.10	1.37
汝州 市 Ruzhou	38.06	14.82	2.54	18.46	0.14	2.09
滑 县 Huaxian	62.65	48.15	0.24	9.66	0.03	4.57
长垣 县 Changyuan	35.02	25.73	0.88	7.14	0.30	0.97
邓州 市 Dengzhou	103.88	65.23	0.49	33.24	0.45	4.47
永城 市 Yongcheng	60.96	40.85	0.51	17.19	0.90	1.52
固始 县 Gushi	74.84	47.46	0.87	22.14	3.64	0.73
鹿邑 县 Luyi	53.37	32.02	0.55	16.29	0.30	4.20
新蔡 县 Xincai	46.94	25.86	0.11	18.50	1.04	1.43

12–6 农业生产条件
Conditions of Agriculture

年份 Year	乡村从业人员（万人） Employed persons in Rural Area (10 000 persons)	#农、林、牧、渔业 Agriculture, Forestry, Animal Husbandry and Fishery	耕地面积（千公顷） Area of Cultivated land (1 000 hectares)	农用机械总动力（万千瓦） Total Power of Agricultural Machinery (10 000 kw)	灌溉面积（千公顷） Irrigated Area (1 000 hectares)	化肥施用折纯量（万吨） Consumption of Chemical Fertilizer by 100% Effective Component (10 000 tons)	农村用电量（亿千瓦小时） Electricity Consumption in Rural Areas (100 million kwh)	农药施用实物量（万吨） Consumption of Chemical Pesticides (10 000 tons)	农用塑料薄膜使用量（万吨） Plastic Film Use for Agriculture (10 000 tons)
1978	2384	2251	7157.3	974.4	3722.67	52.54	13.25		
1979	2429	2300	7138.7	1079.3	3636.00	60.05	14.59		
1980	2505	2365	7128.1	1178.0	3536.23	72.52	17.23		
1981	2576	2457	7121.3	1262.1	3388.00	81.90	20.85		
1982	2669	2515	7109.3	1356.3	3265.33	105.50	22.76		
1983	2711	2537	7100.7	1405.9	3210.00	130.67	23.50		
1984	2819	2565	7079.3	1507.0	3278.67	140.16	25.83		
1985	2932	2558	7033.2	1590.0	3189.97	143.58	28.33		
1986	2998	2561	6998.9	1737.9	3212.71	148.73	33.30		
1987	3096	2583	6972.6	1865.9	3250.07	135.58	37.29		
1988	3212	2636	6956.4	2004.2	3358.76	150.57	40.81		
1989	3284	2706	6944.4	2153.4	3438.00	184.25	45.20		
1990	3424	2820	6933.2	2264.0	3550.09	213.18	46.93	3.31	2.75
1991	3511	2913	6920.0	2330.4	3676.59	239.74	52.06	3.88	3.15
1992	3601	2947	6887.8	2424.4	3779.72	251.13	59.58	4.76	3.45
1993	3658	2902	6871.0	2624.0	3868.33	288.21	61.10	5.44	3.84
1994	3717	2859	6830.0	2780.5	3931.30	292.47	70.54	6.53	4.87
1995	3773	2808	6805.8	3115.4	4044.19	322.21	85.07	7.56	5.32
1996	3848	2816	6786.3	4256.4	4191.05	345.33	103.66	8.33	6.17
1997	4015	2903	6773.4	4337.9	4333.06	355.31	118.27	8.49	6.95
1998	4067	2940	6834.0	4764.4	4513.86	382.80	121.21	9.10	7.49
1999	4311	3299	6825.9	5342.9	4648.78	399.85	122.54	9.61	7.94
2000	4712	3559	6875.3	5780.6	4725.31	420.71	125.80	9.55	9.19
2001	4688	3472	6907.3	6078.7	4766.00	441.73	134.61	9.85	9.41
2002	4691	3393	7262.8	6548.2	4802.36	468.83	141.36	10.20	9.86
2003	4695	3321	7187.2	6953.2	4792.22	467.89	144.59	9.87	9.88
2004	4718	3235	7177.5	7521.1	4829.10	493.16	157.69	10.12	10.16
2005	4752	3128	7201.2	7934.2	4864.12	518.14	172.15	10.51	10.84
2006	4777	3039	7202.4	8309.1	4918.80	540.43	188.82	11.16	11.84
2007	4815	2910	7201.9	8718.7	4955.84	569.68	223.43	11.80	12.66
2008	4859	2837	7202.2	9429.3	4989.20	601.68	237.36	11.91	13.07
2009	4882	2754	8192.0	9817.9	5033.03	628.67	257.76	12.14	14.14
2010	4915	2698	8177.5	10195.9	5080.96	655.15	269.41	12.49	14.70
2011	4911	2655	8161.9	10515.8	5150.44	673.71	281.82	12.87	15.16
2012	4905	2611	8156.8	10872.7	5205.63	684.43	290.03	12.83	15.52
2013	4851	2541	8140.7	11150.0	4969.11	696.37	305.42	13.01	16.78
2014	4807	2621	8126.1	11476.8	5101.74	705.75	313.23	12.99	16.35
2015	4798	2553	8105.9	11710.1	5333.90	716.09	321.01	12.87	16.20
2016	4803	2545	8111.0	9858.8	5360.30	715.03	317.23	12.71	16.31
2017	4807	2557	8112.3	10038.3	5389.79	706.70	328.82	12.07	15.73

注：1.2008年及以前年份耕地面积为年底常用耕地面积，2009年数据为第二次全省土地调查数据，2010年以后数据已按2009年数据口径进行了调整。

2.2013年及以前年份的数据为农田有效灌溉面积。(下表同)

3.2016年以后数据不再包含农用运输车和三轮运输车。

a) Data on area of cultivated land of 2008and before were cultivated land area at year-end, data in 2009 are from the second provincial land survey, and data since 2010 were adjusted by 2009's caliber.

b) The irrigated area before 2013 refer to the effective irrigation area of farmland. (The same as following tables)

c) Data on total power of agricultural machinery exclude the number of agricultural vehicles and three wheeled transport vehicles since 2016.

12-7 各市耕地面积

Arable Land Area by City

单位：千公顷 (1 000 hectares)

市(县) City(County)	2016				2017			
	耕地面积 Cultivated land Area	水田 Paddy Field	水浇地 Irrigated land	旱地 Dry Land	耕地面积 Cultivated land Area	水田 Paddy Field	水浇地 Irrigated land	旱地 Dry Land
省辖市 City								
郑州市 Zhengzhou	315.75	1.10	194.96	119.69	314.92	1.08	192.05	121.80
开封市 Kaifeng	416.30	6.37	391.73	18.19	416.03	6.30	391.61	18.12
洛阳市 Luoyang	430.79	1.68	82.40	346.70	433.86	1.68	82.09	350.09
平顶山市 Pingdingshan	320.38	1.10	217.92	101.35	320.11	1.10	217.62	101.39
安阳市 Anyang	407.15	0.04	329.83	77.29	407.12	0.04	330.28	76.80
鹤壁市 Hebi	119.60		109.71	9.89	119.25		109.38	9.87
新乡市 Xinxiang	472.81	39.87	413.97	18.97	472.19	39.52	413.71	18.95
焦作市 Jiaozuo	195.16	2.93	178.12	14.11	195.75	2.90	178.80	14.06
濮阳市 Puyang	282.83	25.17	255.30	2.36	281.10	25.09	253.67	2.35
许昌市 Xuchang	335.99	0.00	249.23	86.76	336.22	0.00	248.87	87.35
漯河市 Luohe	190.01		189.44	0.57	190.09		189.52	0.57
三门峡市 Sanmenxia	175.93	0.07	29.38	146.49	175.57	0.07	29.18	146.32
南阳市 Nanyang	1052.18	26.80	305.24	720.14	1052.19	26.74	305.44	720.01
商丘市 Shangqiu	707.81	0.00	569.72	138.09	707.74	0.00	569.74	138.00
信阳市 Xinyang	840.95	626.63	6.98	207.34	841.67	626.37	7.54	207.76
周口市 Zhoukou	856.13	0.30	809.80	46.03	857.34	0.28	810.42	46.64
驻马店市 Zhumadian	945.51	20.82	203.70	720.99	945.40	21.00	205.19	719.21
济源市 Jiyuan	45.73		16.39	29.34	45.72		16.35	29.37
省直管县 County Directly Administrated by Province								
巩义市 Gongyi	39.84		12.84	27.01	39.66		12.82	26.83
兰考县 Lankao	68.47	2.73	65.72	0.02	68.06	2.66	65.39	0.02
汝州市 Ruzhou	62.33	0.00	43.98	18.34	62.36	0.00	43.62	18.74
滑县 Huaxian	132.86		132.73	0.14	133.31		133.17	0.13
长垣县 Changyuan	69.07	4.35	64.63	0.08	68.82	4.35	64.38	0.08
邓州市 Dengzhou	168.51	0.01	63.65	104.86	168.69	0.01	63.94	104.74
永城市 Yongcheng	137.25		0.83	136.42	137.50		1.42	136.08
固始县 Gushi	156.24	143.65	0.27	12.32	156.16	143.60	0.27	12.29
鹿邑县 Luyi	84.95	0.00	84.94	0.01	84.92	0.00	84.91	0.01
新蔡县 Xincai	100.36		0.38	99.98	100.17		0.64	99.53

12-8 主要农业机械和农产品加工机械年末拥有量

Number of Agricultural Machinery and Machinery for Processing Farm Products at Year-end

指 标	Item	1980	1990	2000	2010	2016	2017
农业机械总动力(万千瓦)	Total Power of Agricultural Machinery (10 000 kw)	1178.00	2263.99	5780.60	10195.94	9858.82	10038.32
#柴油发动机动力	Diesel Engines		1588.55	4859.20	9029.20	8547.35	8714.63
汽油发动机动力	Gasoline Engines		94.62	107.90	56.29	71.54	74.31
电动发动机动力	Electric Engines		580.82	812.40	1110.30	1239.14	1248.55
大中型拖拉机(混合台)(万台)	Large and Medium-sized Tractors (10 000 units)	5.97	4.93	6.62	27.44	43.27	45.85
(万千瓦)	(10 000 kw)	216.90	174.30	216.80	969.55	1816.21	1973.88
小型(包括手扶)拖拉机(万台)	Small Tractors (10 000 units)	12.77	82.20	224.67	358.61	328.95	317.55
(万千瓦)	(10 000 kw)	111.10	758.40	2317.70	3797.50	3594.92	3495.43
大中型拖拉机配套农具(万部)	Number of Large and Medium Tractor Towing Farm Machinery (10 000 units)	7.41	6.57	11.87	64.26	100.74	105.20
小型拖拉机配套农具(万部)	Number of Mini-Tractor Towing Farm Machinery (10 000 units)	4.76	83.34	357.32	666.42	640.70	628.69
机引犁(万台)	Tractor-propelled Plough (10 000 units)	3.81	63.93	196.23	318.33	316.80	313.96
机引耙(万台)	Citation Machine harrow (10 000 units)	2.24	18.51	110.17	214.60	211.09	206.67
旋耕机(万台)	Rotary cultivator (10 000 units)		1.17	4.08	18.38	27.91	29.63
播种机(万台)	Drill Machine				121.61	138.77	138.62
化肥深施机(万台)	Fertilizer deep-Shi Machine				10.05	11.09	10.79
秸秆粉碎还田机(万台)	Straw Mill				11.69	18.58	19.64
农用排灌动力机械(万台)	Drainage and Irrigation Agricultural Machinery (10 000 unit)	80.52	86.93	125.58	160.05	168.22	167.06
(万千瓦)	(10 000 kw)	574.60	609.60	905.90	1147.75	1192.53	1180.49
柴油机(万台)	Diesel Engines (10 000 units)	43.50	32.59	47.52	54.00	52.62	51.99
(万千瓦)	(10 000 kw)	356.70	295.40	458.70	525.50	512.72	505.90
电动机(万台)	Electric Engines (10 000 units)	37.02	54.29	78.06	106.06	113.52	113.27
(万千瓦)	(10 000 kw)	218.10	314.00	447.20	622.25	665.53	662.63

注：农业机械总动力：2015年及以前数据中包含农用运输车和三轮运输车，从2016年开始，不再包含在内。

a) Total power of agricultural machinery : Data on 2015 and before include the power of agricultural vehicles and three wheeled transport vehicles, while since 2016, the data do not include that.

12-8 续表 Continued

指 标	Item	1980	1990	2000	2010	2016	2017
节水灌溉机械(万套)	Watersaving Irrigation Machinery (10 000 sets)				17.37	21.83	21.91
农用水泵(万台)	Pumps (10 000 units)	56.53	79.51	175.89	216.29	219.68	215.30
联合收割机(台)	Combine Harvesters (unit)	799	837	26900	143760	265476	278379
水稻插秧机(台)	Rice Transplanter (unit)	1053			1250	5048	6799
割晒机(万台)	Swather Motor (10 000 units)			28.38	8.28	5.34	5.14
机动脱粒机(万台)	Mobile Thresher (10 000 units)	11.93	34.96	79.15	55.73	54.08	52.71
谷物烘干机(台)	Grain Dryer (unit)	41	9	100	646	1790	2541
种子加工机械(台)	Seed Processing Machinery (unit)	119	123	110	643	1335	1351
机动喷雾(粉)机(万部)	Mobile Spray Machines (10 000 units)	0.52	3.32	15.58	26.19	29.66	29.91
(万千瓦)	(10 000 kw)	1.00	5.40	24.90	50.15	55.93	57.38
饲草料加工机械(万台)	Composite Feed Processing Machinery (10 000 units)	11.38	9.92	11.53	16.92	18.74	18.84
农产品初加工动力机械(万台)	Primary Processing Power Machinery of Agricultural Products (10 000 units)	32.86	53.09	67.76	80.24	85.45	85.54
(万千瓦)	(10 000 kw)	223.80	355.10	466.80	582.70	609.41	610.06
柴油机(万台)	Diesel Engines (10 000 units)	9.14	9.50	11.44	15.74	16.09	16.04
(万千瓦)	(10 000 kw)	84.80	88.20	118.70	156.71	152.27	151.01
电动机(万台)	Electric Engines (10 000 units)	23.72	43.59	53.46	64.50	68.90	69.03
(万千瓦)	(10 000 kw)	139.00	266.90	348.10	426.04	452.30	454.09
农产品初加工作业机械(万台)	Agricultural Products Primary Processing machinery (10 000 units)			43.18	50.82	57.68	57.86
#粮食加工机	Food Processing Machine			32.31	34.80	35.46	35.46
棉花加工机	Cotton Processing Machine			3.87	4.94	4.43	4.41
油料加工机	Oil Processing Machine			6.82	8.88	9.32	9.41
农田基本建设机械(台)	Farmland Construction Machinery (unit)			5302	15743	19700	19756

12-9 各市农业机械和农产品加工机械年末拥有量(2017年)

市(县) City(County)	农业机械总动力(万千瓦) Total Power of Agricultural Machinery (10 000 kw)	农用大中型拖拉机(台) Large and Medium-sized Tractors (unit)	大中型拖拉机配套农具(部) Number of Large and Medium-sized Tractor Towing Farm Machinery (unit)	农用排灌动力机械 Agricultural Power Machinery of Irrigation and Drainage	
				(万台) (10 000 units)	(万千瓦) (10 000 kw)
省辖市 City					
郑州市 Zhengzhou	438.0	17142	34381	8.95	74.28
开封市 Kaifeng	578.1	17432	43325	12.71	79.37
洛阳市 Luoyang	524.8	11580	23200	7.88	66.93
平顶山市 Pingdingshan	398.3	24012	53622	7.32	50.52
安阳市 Anyang	555.3	15806	41643	12.03	91.02
鹤壁市 Hebi	223.6	9125	20889	3.68	27.37
新乡市 Xinxiang	755.7	25132	49896	14.51	102.15
焦作市 Jiaozuo	243.5	13514	32127	7.95	45.18
濮阳市 Puyang	360.1	12522	28394	11.96	92.16
许昌市 Xuchang	366.8	10219	23313	10.75	57.98
漯河市 Luohe	249.3	8629	18355	5.14	34.85
三门峡市 Sanmenxia	117.5	3980	7970	1.64	15.67
南阳市 Nanyang	1408.3	57965	147305	11.83	76.52
商丘市 Shangqiu	838.6	34643	75257	18.01	116.53
信阳市 Xinyang	634.9	38284	42386	7.79	70.87
周口市 Zhoukou	939.7	38424	59612	15.52	98.46
驻马店市 Zhumadian	1333.4	116003	339016	7.93	68.79
济源市 Jiyuan	72.4	4137	11270	1.45	11.84
省直管县 County Directly Administrated by Province					
巩义市 Gongyi	50.0	1963	3785	0.44	4.88
兰考县 Lankao	72.4	3141	4490	2.15	15.07
汝州市 Ruzhou	163.3	6357	8400	3.02	25.29
滑县 Huaxian	282.9	4101	9272	4.57	28.22
长垣县 Changyuan	100.4	3601	8749	1.43	11.05
邓州市 Dengzhou	193.3	12909	38027	1.44	9.88
永城市 Yongcheng	132.0	5077	10860	2.18	21.02
固始县 Gushi	128.0	5103	6280	2.22	17.23
鹿邑县 Luyi	93.9	4720	9000	3.13	11.30
新蔡县 Xincai	135.5	12455	34424	0.54	5.06

Number of Agricultural Machinery and Machinery for Processing Farm Products at Year-end by City (2017)

节水灌溉机械（万套）Water-saving Irrigation Machinery (10 000 units)	饲草料加工机械（台）Composite Feed Processing Machinery (units)	农产品初加工动力机械 Agricultural Products Primary Processing Power Machinery		农产品初加工作业机械（万台）Agricultural Products Primary Processing Machine (10 000 units)
		（万台）(10 000 units)	（万千瓦）(10 000 kw)	
1.22	7804	4.55	36.68	2.87
3.20	13053	5.57	37.95	3.09
1.45	8896	7.48	54.77	4.52
0.63	11276	3.80	24.89	2.67
0.06	5619	3.54	23.14	2.92
0.14	1397	1.07	6.95	0.76
0.29	16699	5.68	40.15	2.64
0.04	5322	1.79	12.03	1.08
0.15	4266	2.29	19.74	1.85
0.01	16825	4.81	30.88	2.23
0.29	662	1.35	10.23	0.74
0.46	5142	2.07	13.90	0.95
2.11	13687	10.11	72.39	6.11
2.48	22376	9.04	67.75	4.60
0.40	6834	8.44	53.94	9.00
1.54	17018	6.69	49.78	6.73
7.43	26546	6.76	51.36	4.79
0.02	4961	0.51	3.52	0.31
0.01	1504	1.05	6.07	0.49
0.28	1213	0.90	5.96	0.33
0.00	6340	1.82	13.66	0.62
0.00	2373	1.03	6.58	0.54
0.12	648	0.49	4.05	0.36
0.29	1658	1.35	13.45	0.54
0.71	5599	1.29	8.37	0.68
0.01	1255	0.72	7.32	0.73
0.21	1250	0.41	3.02	2.37
1.28	6052	0.79	6.90	0.51

12-10 农业能源、主要物资消耗及水利建设情况

Agricultural Energy Resources, Consumption of Main Materials and Construction of Water Conservancy

指 标	Item	2000	2005	2010	2016	2017
农村能源情况	**Agricultural Energy**					
农村用电量(亿千瓦小时)	Electricity Consumption in Rural Area (100 million kwh)	125.80	172.15	269.41	317.23	328.82
农业主要物资消耗情况	**Consumption of Main Agricultural Materials**					
农用化肥施用折纯量(万吨)	Consumption of Chemical Fertilizer by 100%					
	Effective Component (10 000 tons)	420.71	518.14	655.15	715.03	706.70
农用塑料薄膜使用量(万吨)	Plastic Film Use for Agriculture (10 000 tons)	9.19	10.84	14.70	16.31	15.73
农药施用实物量(万吨)	Pesticide Use (10 000 tons)	9.55	10.51	12.49	12.71	12.07
农用柴油使用量(万吨)	Diesel Oil Use for Agriculture (10 000 tons)	79.56	89.79	107.92	112.44	108.84
农田水利建设情况	Farm Water Conservancy Condition					
灌溉面积(千公顷)	Irrigated Area (1 000 hectares)	4785.59	4941.21	5172.01	5360.28	5389.79
#耕地灌溉面积	Cultivated Irrigated Area	4725.31	4864.12	5080.96	5244.49	5273.63
林地灌溉面积	Woodland Irrigated Area	11.21	23.28	33.07	65.36	60.90
园地灌溉面积	Garden Irrigated Area	46.43	50.11	51.40	50.15	54.94
#节水灌溉面积	Water Saving Irrigated Area	949.61	1309.14	1536.64	1806.61	1893.27
节水灌溉面积占灌溉	Mechanical and Electrical Irrigated Area Percentage					
面积比重(%)	to Effective Irrigated Area (%)	19.8	26.5	29.7	33.7	33.7
农业灌溉供水量(亿立方米)	Irrigated Water Supply (100million cu.m)	135.59	103.41	116.21	111.14	123.58

注：2011年以后的水利建设情况数据根据第一次全国水利普查数据调整。
a) Data on the construction of water conservancy are calculated from The first national water resources census since 2011.

12-11 各市农业机械化、能源及水利建设情况(2017年)

Agricultural Energy Resources and Construction of Water Conservancy by City (2017)

市(县) City(County)	农村能源情况 Agricultural Energy Resources	水利建设情况 Water Conservancy		
	农村用电量 (亿千瓦小时) Electricity Consumption in Rural Areas (100 million kwh)	水库数量 (座) Reservoir (unit)	塘坝数量 (座) Spoilage (unit)	机电井数量 (眼) Motor-pumped Well (unit)
省辖市 City				
郑州市 Zhengzhou	**37.35**	**150**	**633**	**54880**
开封市 Kaifeng	**10.63**	**2**		**118399**
洛阳市 Luoyang	**24.04**	**171**	**671**	**17551**
平顶山市 Pingdingshan	**12.96**	**169**	**1188**	**44956**
安阳市 Anyang	**30.13**	**158**	**1006**	**345322**
鹤壁市 Hebi	**2.43**	**38**	**170**	**25558**
新乡市 Xinxiang	64.82	40	711	150982
焦作市 Jiaozuo	14.32	40	149	69777
濮阳市 Puyang	**8.52**			**162365**
许昌市 Xuchang	**10.81**	**52**	**171**	**432700**
漯河市 Luohe	**6.24**			**223263**
三门峡市 Sanmenxia	**3.89**	**173**	**143**	**37287**
南阳市 Nanyang	**22.99**	**498**	**18676**	**664986**
商丘市 Shangqiu	26.62	25		202109
信阳市 Xinyang	17.85	931	131830	438665
周口市 Zhoukou	16.12			168447
驻马店市 Zhumadian	**20.71**	**185**	**6938**	**382195**
济源市 Jiyuan	**1.94**	**24**	**483**	**4014**
省直管县 County Directly Administrated by Province				
巩义市 Gongyi	**13.99**	**14**	**82**	**1791**
兰考县 Lankao	2.36			15479
汝州市 Ruzhou	3.43	26	323	13262
滑县 Huaxian	4.94	1		147376
长垣县 Changyuan	**5.55**			**12789**
邓州市 Dengzhou	**2.57**	**18**	**2715**	**161348**
永城市 Yongcheng	**3.59**	**1**		**27398**
固始县 Gushi	**2.93**	**61**	**18131**	**137862**
鹿邑县 Luyi	**1.53**			**21445**
新蔡县 Xincai	**0.91**	**3**	**275**	**129963**

12-12 各市农用物资消耗情况(2017年)

Consumption of Agricultural Materials by City (2017)

单位：吨 (ton)

市(县) City(County)	农用化肥使用折纯量 Consumption of Chemical Fertilizer by 100% Effective Component	#氮肥 Nitrogenous Fertilizer	#磷肥 Phosphate Fertilizer	#钾肥 Potash Fertilizer	农用塑料薄膜使用量 Plastic Film Use for Agriculture	农用柴油使用量 Diesel Oil Use for Agriculture	农药使用量 Consumption of Chemical Pesticides
省辖市 City							
郑州市 Zhengzhou	207703	59895	32473	15324	6945	52902	3468
开封市 Kaifeng	315821	126025	61791	33363	10835	53833	5613
洛阳市 Luoyang	236280	66590	32601	23695	5165	43995	4498
平顶山市 Pingdingshan	375478	97105	39027	23333	3529	59648	4041
安阳市 Anyang	446974	150371	49895	26488	17795	55394	5857
鹤壁市 Hebi	79986	32499	13071	5308	1192	11972	1265
新乡市 Xinxiang	549825	183295	69344	27096	3273	82230	9096
焦作市 Jiaozuo	196141	62400	23146	7527	2303	37698	4061
濮阳市 Puyang	275678	106088	47979	19618	7833	29700	3611
许昌市 Xuchang	250928	62884	29658	16311	3307	35105	3527
漯河市 Luohe	176378	39449	14657	8953	3102	23816	2424
三门峡市 Sanmenxia	96571	26655	11455	11949	3417	19736	3001
南阳市 Nanyang	846766	264453	144559	94392	28335	145232	16321
商丘市 Shangqiu	913410	232759	157117	93785	12456	79545	18955
信阳市 Xinyang	512980	258448	111582	38280	14115	96124	10148
周口市 Zhoukou	815072	272210	141586	71156	19997	150041	17695
驻马店市 Zhumadian	746811	150489	95571	63710	12989	101478	6597
济源市 Jiyuan	24208	8202	5307	3095	716	9904	535
省直管县 County Directly Administrated by Province							
巩义市 Gongyi	27204	9453	3719	1406	110	7110	263
兰考县 Lankao	72765	27855	12405	6234	1311	10598	666
汝州市 Ruzhou	96709	23394	12696	5098	764	16462	693
滑县 Huaxian	211861	74152	13771	11016	3875	13599	1749
长垣县 Changyuan	74020	21026	9138	6216	732	11986	1104
邓州市 Dengzhou	179413	44762	29403	17628	3165	24873	3108
永城市 Yongcheng	196787	17159	7689	5944	1578	11107	2055
固始县 Gushi	101320	51050	25600	8650	3215	16030	2900
鹿邑县 Luyi	92931	58391	11642	4200	721	13570	1104
新蔡县 Xincai	69311	11184	20079	9003	1711	9672	1182

12-13 各市农田水利情况(2017年)

Condition of Irrigation and Conservancy Project by City (2017)

单位：千公顷 (1 000 hectares)

市(县) City(County)	灌溉面积 Irrigated Area	耕地灌溉面积 Effective Irrigated Area	实际耕地灌溉面积 Actual Irrigated Area	园地灌溉面积 Garden Irrigated Area	节水灌溉面积 Water Saving Irrigated Area
全省 Total	**5389.79**	**5273.63**	**4538.00**	**54.94**	**1893.27**
省辖市 City					
郑州市 Zhengzhou	202.47	191.65	169.15	2.10	125.40
开封市 Kaifeng	352.95	335.45	326.59	5.84	46.61
洛阳市 Luoyang	154.59	146.49	113.23	4.41	79.27
平顶山市 Pingdingshan	212.36	208.88	110.05	2.01	107.78
安阳市 Anyang	304.16	299.56	278.00	1.92	113.86
鹤壁市 Hebi	92.76	89.45	83.04	2.06	69.68
新乡市 Xinxiang	363.51	361.90	340.77	0.52	196.13
焦作市 Jiaozuo	182.26	172.78	160.71	2.52	130.71
濮阳市 Puyang	237.01	227.48	226.03	3.51	157.49
许昌市 Xuchang	249.66	249.32	209.15	0.31	176.86
漯河市 Luohe	145.82	145.82	145.78		26.15
三门峡市 Sanmenxia	56.95	52.64	33.57	4.30	21.49
南阳市 Nanyang	492.25	484.21	410.18	1.79	166.29
商丘市 Shangqiu	614.80	597.46	541.42	11.94	134.65
信阳市 Xinyang	519.27	506.47	367.53	9.14	65.70
周口市 Zhoukou	576.70	576.03	576.03	0.21	103.96
驻马店市 Zhumadian	607.25	604.79	426.47	2.28	166.28
济源市 Jiyuan	25.02	23.25	20.30	0.08	4.96
省直管县 County Directly Administrated by Province					
巩义市 Gongyi	16.30	15.83	13.77		6.84
兰考县 Lankao	57.85	57.15	56.00	0.10	7.87
汝州市 Ruzhou	52.89	52.89	35.20		25.87
滑县 Huaxian	111.93	108.68	97.00	1.30	46.74
长垣县 Changyuan	45.09	44.42	41.04		21.52
邓州市 Dengzhou	114.34	112.70	112.70	0.45	40.90
永城市 Yongcheng	87.19	87.19	80.00		21.53
固始县 Gushi	105.16	104.95	103.20	0.21	33.21
鹿邑县 Luyi	66.15	66.15	66.15		17.55
新蔡县 Xincai	70.29	70.17	12.40	0.12	17.58

12-14 水库、灌区情况
Reservoirs and Irrigated Areas

指 标	Item	2000	2010	2013	2014	2015	2016	2017
年底水库数(座)	Number of Reservoirs at Year-end (unit)	2396	2350	2663	2648	2653	2650	2655
大型水库(1亿立方米以上)	Large Reservoirs (100 million and over cu.m)	21	21	25	25	25	25	26
中型水库(1千万至1亿立方米)	Medium-sized Reservoirs (10 million - 100 million cu.m)	102	108	121	121	121	122	124
小型水库(10万至1千万立方米)	Small Reservoirs (100 thousand -10 million cu.m)	2273	2221	2517	2502	2507	2503	2505
塘坝数量(座)	Small Reservoirs (in a hilly area,unit)		277838	141113	158514	160097	160168	162769
窖池数量(座)	Pits(unit)			275431	276594	277873	278185	277843
年底灌区数(处)	Number of Irrigation Areas at Year-end (unit)	171	191	664	666	664	666	660
规模以上灌区渠道长度(公里)	Irrigation Channel Length Above Designated Size (km)		2075	2296	2246	2454	2665	2679

12-15 除涝、治水、堤防情况
Flood Prevention, Water-control and Embankment

指 标	Item	2000	2010	2013	2014	2015	2016	2017
除涝面积(千公顷)	Flooded or Waterlogged Area Under Control (1 000 hectares)	1848.1	1973.3	1884.6	2031.7	2074.6	2108.1	2106.0
水土流失综合治理面积(平方公里)	Area of Soil Erosion Under Control (sq.km)	3810	4413	3237	3314	3560	3601	3672
堤防长度(公里)	Total Length of Dikes (km)	15758	16313	19361	19351	19531	19591	19743
达标堤防长度(公里)	Standards Length of Dikes (km)		6440	10265	10410	10617	10692	10805
堤防保护耕地面积(千公顷)	Area of Protected Land by Dikes (1 000 hectares)	3260	3388	3231	3482	3524	3512	3532

12-16 农业生产情况

Agriculture Production

年份 Year	播种面积（千公顷） Total Sown Area (1 000hectares)	#粮食 Grain	#棉花 Cotton	#油料 Oil-bearing Crops	粮食产量（万吨） Grain Output (10 000tons)	#小麦 Wheat	棉花产量（万吨） Cotton (10 000tons)	油料产量（万吨） Oil-bearing Crops (10 000tons)	园林水果产量（万吨） Garden Fruits (10 000tons)
1978	10966.70	9123.30	612.00	465.33	2097.40	868.18	22.42	24.16	47.11
1979	10917.00	9066.70	555.33	632.67	2134.50	969.00	19.84	36.87	52.37
1980	10788.20	8858.90	626.67	710.00	2148.68	890.37	40.62	46.20	43.55
1981	11013.00	9029.30	641.33	744.67	2314.50	1083.50	35.50	55.99	52.30
1982	11076.00	8923.30	754.00	709.33	2217.10	1220.10	32.04	44.16	46.63
1983	11326.70	9286.70	794.00	607.33	2904.00	1455.75	63.24	51.52	58.67
1984	11432.70	8996.70	1162.00	579.33	2893.50	1653.00	86.89	52.50	41.01
1985	11685.30	9029.30	814.30	793.70	2710.53	1528.23	54.73	96.18	53.33
1986	11819.50	9372.20	619.33	921.33	2545.67	1567.90	39.86	98.99	61.23
1987	11952.90	9365.20	717.33	977.33	2948.41	1626.00	57.00	136.57	77.84
1988	11930.20	9053.80	916.03	952.84	2663.00	1520.95	63.71	96.17	74.81
1989	11999.40	9262.00	836.15	915.43	3149.44	1695.13	52.72	118.48	76.75
1990	11889.70	9316.10	823.00	876.40	3303.66	1639.86	67.61	152.29	63.92
1991	12001.90	9040.40	1193.20	896.00	3010.30	1554.28	94.77	127.62	63.67
1992	11936.30	8804.70	1247.90	908.60	3109.61	1650.67	65.85	133.63	87.79
1993	12068.00	8969.00	974.00	1075.00	3639.21	1922.13	66.01	204.50	125.12
1994	12087.70	8810.90	966.70	1242.00	3253.80	1798.42	62.81	225.00	170.54
1995	12136.80	8810.00	1000.10	1271.50	3466.50	1754.18	77.00	298.00	211.66
1996	12257.40	8965.30	933.30	1181.10	3839.90	2026.76	73.57	278.46	247.26
1997	12276.74	8879.90	868.30	1208.50	3894.66	2372.35	79.00	276.66	269.26
1998	12567.05	9101.98	800.00	1235.90	4009.61	2073.53	72.84	312.13	312.60
1999	12659.90	9032.30	733.30	1316.10	4253.25	2291.46	70.73	349.25	349.42
2000	13136.91	9029.60	779.33	1492.54	4101.50	2235.95	70.38	392.55	364.73
2001	13127.70	8822.79	858.20	1443.97	4119.88	2299.71	82.77	362.49	399.12
2002	13359.80	8975.10	793.10	1537.00	4209.98	2248.39	76.49	420.68	427.01
2003	13684.40	8923.30	926.67	1569.90	3569.47	2292.50	37.67	309.91	430.38
2004	13805.69	8970.07	951.80	1554.96	4260.00	2480.93	66.67	408.75	507.07
2005	13922.60	9153.40	781.47	1605.80	4582.00	2577.69	67.70	449.60	555.69
2006	13995.39	9455.80	748.20	1489.10	5112.30	2936.50	81.00	460.07	591.78
2007	14381.42	9528.52	653.16	1464.65	5252.92	2958.31	69.98	478.27	663.80
2008	14473.45	9746.87	527.62	1452.62	5405.80	3036.20	56.66	493.48	714.77
2009	14322.07	9890.62	436.53	1442.27	5506.87	3092.20	42.03	514.34	756.98
2010	14320.79	10027.00	354.23	1431.68	5581.82	3121.00	33.89	515.66	797.50
2011	14373.33	10244.43	280.57	1413.60	5733.92	3144.90	27.04	501.69	835.56
2012	14386.89	10434.56	169.40	1378.05	5898.38	3223.07	16.95	530.38	872.91
2013	14586.50	10697.43	114.96	1361.87	6023.80	3266.33	11.68	542.13	891.25
2014	14731.54	10944.97	88.11	1339.01	6133.60	3385.20	8.44	531.41	899.36
2015	14879.73	11126.30	64.34	1311.84	6470.22	3526.90	6.77	538.99	919.68
2016	14902.72	11219.55	50.03	1302.35	6498.01	3618.62	4.88	549.82	927.12
2017	14732.53	10915.13	40.00	1397.49	6524.25	3705.21	4.40	586.95	931.98

注：依据第三次全国农业普查结果，对2007-2016年农业生产数据进行了修订（12-17、18、22、25、26、27、30、31表同）。

a) According to the results of the Third National Agricultural Census, the data of production from 2007 to 2016 were revised (the same as table 12-17, 18, 22, 25, 26, 27, 30, 31).

12-17 农作物播种面积

Total Sown Areas of Farm Crops

单位：千公顷 (1 000 hectares)

指 标	Item	2010	2011	2012	2013	2014	2015	2016	2017
播种面积总计	Total	14320.79	14373.33	14386.89	14586.50	14731.54	14879.73	14902.72	14732.53
粮食作物	Grain	10027.00	10244.43	10434.56	10697.43	10944.97	11126.30	11219.55	10915.13
夏收粮食	Summer Harvest	5390.69	5459.35	5494.66	5543.70	5606.83	5648.60	5730.24	5741.31
秋收粮食	Autumn Harvest	4636.31	4785.07	4939.90	5153.72	5338.14	5477.70	5489.31	5173.82
谷物	Cereal	9274.24	9511.86	9717.68	10014.77	10270.37	10498.94	10608.13	10412.61
稻谷	Rice	610.84	616.28	621.77	610.97	614.65	616.35	614.09	615.03
小麦	Wheat	5364.56	5430.11	5468.80	5517.98	5581.24	5623.14	5704.91	5714.64
玉米	Corn	3233.50	3398.41	3564.70	3823.60	4009.42	4189.91	4210.46	3998.94
谷子	Millet	35.52	34.82	34.14	34.09	34.03	33.83	38.67	36.00
高粱	Sorghum	3.69	2.99	2.42	2.41	5.45	10.25	14.67	21.33
其他谷物	Others	26.13	29.24	25.86	25.73	25.59	25.46	25.33	26.67
#大麦	Barley	26.13	29.24	25.86	25.73	25.59	25.46	25.33	26.67
豆类	Beans	487.56	475.39	487.79	460.80	413.25	370.35	366.40	389.85
#大豆	Soybean	444.78	434.15	448.04	424.01	381.90	343.56	341.06	345.17
绿豆	Mung Bean	42.78	41.24	39.75	36.79	31.36	26.78	25.33	40.00
红薯	Tubers	265.19	257.18	229.09	221.85	261.34	257.02	245.03	112.67
油料	Oil- bearing Crops	1431.68	1413.60	1378.05	1361.87	1339.01	1311.84	1302.35	1397.49
#花 生	Peanuts	992.14	1005.80	999.67	1016.70	1023.57	1023.96	1051.03	1151.93
油菜籽	Rapeseeds	298.04	271.14	250.98	228.58	207.70	186.58	162.19	155.69
芝 麻	Sesame	133.35	125.51	119.20	108.22	99.12	92.17	83.15	84.07
棉花	Cotton	354.23	280.57	169.40	114.96	88.11	64.34	50.03	40.00
生麻	Fiber Crops	7.44	8.13	6.61	6.54	4.68	4.56	4.11	3.29
#黄红麻	Jute and Ambary Hemp	7.35	8.12	6.59	6.54	4.66	4.22	3.88	3.24
甘蔗	Sugarcane	3.42	3.34	3.23	3.11	2.94	2.60	2.42	2.31
烟叶	Tobacco	122.15	124.70	125.42	137.15	123.80	114.27	109.21	103.95
#烤烟	Flue-cured Tobacco	122.07	124.67	125.42	137.15	123.80	114.27	106.45	102.79
中草药材	Chinese Medicinal herbs	121.87	123.10	122.73	121.20	118.80	113.58	99.81	112.19
蔬菜及食用菌	Vegetables	1720.13	1725.51	1676.77	1682.96	1654.84	1671.03	1682.12	1736.14
瓜果类	Fruits	326.01	310.29	308.05	309.75	297.05	292.69	312.36	318.24
#西瓜	Watermelon	270.72	249.69	256.67	258.45	248.15	241.45	257.03	260.86
甜瓜	Honey-dew Melon	47.60	55.84	46.28	45.88	43.51	44.78	47.63	48.12
草莓	Strawberries	4.76	4.76	4.94	5.23	5.20	6.40	7.71	9.25
其他农作物	Others	206.86	139.65	162.07	151.55	157.36	178.51	120.77	103.80
#青饲料	Succulence	8.93	7.20	5.42	5.67	5.69	4.66	3.40	6.30
花卉	Flower	83.54	90.67	70.67	70.39	76.71	47.41	57.57	98.37

12-18 主要农产品产量

Output of Major Farm Products

单位：万吨 (10 000 tons)

指标	Item	2010	2011	2012	2013	2014	2015	2016	2017
粮食	Grain	5581.82	5733.92	5898.38	6023.80	6133.60	6470.22	6498.01	6524.25
夏收粮食	Summer Harvest	3129.48	3153.40	3231.72	3275.08	3395.20	3537.70	3628.32	3715.98
秋收粮食	Autumn Harvest	2452.3	2580.52	2666.65	2748.72	2738.39	2932.52	2869.69	2808.27
谷物	Cereal	5393.55	5524.71	5720.95	5859.83	5989.56	6331.75	6360.41	6382.89
稻谷	Rice	458.51	458.59	472.80	463.16	500.53	499.88	508.29	485.25
小麦	Wheat	3121.00	3144.90	3223.07	3266.33	3385.20	3526.90	3618.62	3705.21
玉米	Corn	1795.31	1907.22	2011.38	2116.47	2088.89	2288.50	2216.29	2170.14
谷子	Millet	9.81	5.10	4.69	4.71	4.10	4.17	5.11	7.57
高粱	Sorghum	0.37	0.30	0.24	0.29	0.67	1.29	1.50	3.32
其他谷物	Others	8.55	8.59	8.76	8.88	10.17	11.00	10.60	11.40
#大麦	Barley	8.55	8.59	8.76	8.88	10.17	11.00	10.60	11.40
豆类	Beans	88.93	89.73	78.97	72.87	54.00	48.84	49.00	53.36
#大豆	Soybean	83.91	84.91	74.81	69.34	51.52	46.75	46.90	50.36
绿豆	Mung Bean	5.03	4.82	4.16	3.53	2.48	2.09	2.10	3.00
红薯	Tubers	99.34	119.49	98.45	91.09	90.03	89.63	88.60	88.00
油料	Oil- bearing Crops	515.66	501.69	530.38	542.13	531.41	538.99	549.82	586.95
#花生	Peanuts	429.64	428.78	453.73	469.19	466.09	477.12	494.27	529.81
油菜籽	Rapeseeds	67.40	54.72	57.86	55.35	49.69	46.21	40.90	42.08
芝麻	Sesame	17.57	17.03	17.61	16.48	14.81	14.59	13.55	14.07
棉花	Cotton	33.89	27.04	16.95	11.68	8.44	6.77	4.88	4.40
生麻	Fiber Crops	3.88	4.35	3.67	3.65	2.87	2.87	2.71	2.24
#黄红麻	Jute and Ambary Hemp	3.84	4.35	3.67	3.65	2.87	2.68	2.59	2.22
甘蔗	Sugarcane	22.78	22.49	21.89	22.28	20.74	17.88	16.67	16.24
烟叶(未加工烟草)	Tobacco	28.75	29.25	30.68	34.65	29.99	28.85	28.26	26.70
#烤烟	Flue-cured Tobacco	28.74	29.24	30.68	34.65	29.67	23.34	27.61	26.37
蔬菜及食用菌	Vegetables	6760.21	6811.20	6839.94	6745.29	6848.11	6970.99	7238.18	7530.22
瓜果类	Fruits	1501.23	1461.81	1515.71	1534.13	1468.76	1519.94	1613.93	1670.46
#西瓜	Watermelon	1299.82	1238.14	1328.94	1342.89	1285.42	1349.91	1402.18	1447.01
甜瓜	Honey-dew Melon	179.01	209.87	172.12	176.67	169.34	152.37	191.70	201.38
草莓	Strawberries	12.56	13.81	14.64	14.58	14.00	17.66	20.05	22.08

12-19 各市主要农作物播种面积(2017年)

单位：千公顷

市(县) City(County)	粮食作物 Grain	夏收粮食 Summer Harvest	秋收粮食 Autumn Harvest	谷物 Cereal	#稻谷 Rice	#小麦 Wheat	#玉米 Corn
省辖市 City							
郑州市 Zhengzhou	321.15	163.07	158.08	304.87		163.06	140.83
开封市 Kaifeng	517.09	299.93	217.17	484.75	6.96	299.92	177.83
洛阳市 Luoyang	506.07	245.97	260.09	445.85	1.64	245.97	181.23
平顶山市 Pingdingshan	445.24	215.99	229.25	418.75	1.37	215.89	201.33
安阳市 Anyang	584.53	320.39	264.14	570.41	0.21	320.38	243.64
鹤壁市 Hebi	167.84	88.91	78.93	164.95		88.91	75.16
新乡市 Xinxiang	713.35	379.41	333.93	692.81	18.47	379.41	294.01
焦作市 Jiaozuo	277.82	147.87	129.95	271.77	4.72	147.87	119.02
濮阳市 Puyang	425.61	228.21	197.39	405.59	27.45	228.21	149.55
许昌市 Xuchang	446.88	228.96	217.92	388.77		228.96	159.72
漯河市 Luohe	266.67	142.53	124.14	233.90		142.53	91.37
三门峡市 Sanmenxia	163.49	77.19	86.31	135.10		77.19	56.68
南阳市 Nanyang	1284.39	713.33	571.05	1166.38	36.64	709.02	416.28
商丘市 Shangqiu	1077.70	589.24	488.51	998.42	0.38	588.87	408.80
信阳市 Xinyang	821.97	307.65	514.32	805.67	476.56	306.56	21.86
周口市 Zhoukou	1357.07	718.38	638.69	1220.88	0.50	718.35	501.79
驻马店市 Zhumadian	1270.81	752.76	518.05	1224.21	28.14	750.52	443.11
济源市 Jiyuan	42.63	21.11	21.52	40.65	0.09	21.11	19.43
省直管县 County Directly Administrated by Province							
巩义市 Gongyi	42.65	22.30	20.35	41.44		22.29	18.87
兰考县 Lankao	100.08	58.76	41.32	96.64	0.18	58.76	37.66
汝州市 Ruzhou	95.90	47.29	48.61	91.17		47.29	43.77
滑县 Huaxian	204.41	118.63	85.79	203.49	0.15	118.61	84.57
长垣县 Changyuan	103.95	54.21	49.73	100.94	2.07	54.21	44.48
邓州市 Dengzhou	212.58	136.76	75.82	194.53	1.53	135.83	54.49
永城市 Yongcheng	206.67	109.39	97.32	164.45		109.39	55.06
固始县 Gushi	150.47	37.40	113.07	149.80	110.07	37.00	2.73
鹿邑县 Luyi	141.61	71.23	70.38	125.20		71.20	53.93
新蔡县 Xincai	148.87	83.59	65.29	143.87	2.44	83.59	57.85

Total Sown Areas of Farm Crops by City (2017)

(1 000 hectares)

豆类 Beans	#大豆 Soybean	油料 Oilbearing Crops	#花生 Peanuts	#油菜籽 Rapeseeds	棉花 Cotton	烟叶 Fluecured Tobacco	蔬菜及食用菌 Vegetables and Edible Fungus	瓜果 Melon and Fruit
7.76	5.87	31.16	27.00	3.63	1.05	0.75	61.76	8.41
13.90	13.35	99.00	96.24	2.35	6.92		156.55	44.91
29.92	22.53	32.97	24.33	6.29	1.89	23.56	64.31	7.69
12.13	10.98	34.94	24.47	8.56	0.82	11.90	49.59	6.21
5.33	4.74	51.98	49.28	2.38	2.51		112.36	16.44
1.65	1.35	12.32	11.83	0.42	0.41		11.03	0.39
14.06	13.95	69.31	67.65	1.56	1.18		63.62	4.81
3.87	3.81	21.96	21.51	0.40	0.23		33.83	3.39
14.35	12.56	27.06	26.30	0.65	1.36		63.69	6.58
33.48	33.41	15.02	11.10	3.62	0.50	9.41	41.23	2.76
23.65	23.65	9.67	7.03	1.98	2.09	7.06	61.77	11.03
21.95	16.95	12.39	4.85	3.44	0.67	16.84	34.24	3.48
66.11	49.95	348.04	292.55	25.80	7.21	21.19	245.59	28.42
61.73	59.57	71.93	67.11	4.05	6.98	2.59	201.48	45.55
7.39	6.09	139.04	65.55	65.71	0.82	0.54	130.66	26.29
106.37	98.57	84.76	61.48	4.40	4.37	3.49	281.59	80.52
26.32	24.31	332.34	293.55	17.54	0.80	5.90	117.57	21.28
1.44	1.35	0.55	0.42	0.06	0.19	0.72	5.28	0.08
0.49	0.27	2.44	1.43	0.82	0.29		2.21	0.03
1.69	1.53	13.20	12.86	0.32	1.16		8.03	2.10
1.05	0.77	5.34	3.93	1.20	0.33	1.42	7.57	0.68
0.21	0.18	23.26	23.14	0.10	0.61		34.79	5.37
2.59	2.55	8.41	7.53	0.88	0.25		9.93	1.87
14.85	10.89	65.78	57.74	1.95	1.07	1.25	43.19	4.82
40.07	39.91	0.72	0.26	0.43	0.14		26.74	1.79
0.13	0.13	23.02	8.39	13.38	0.07		29.91	6.87
15.22	15.09	3.68	1.46	1.19	1.28	1.22	30.48	1.88
2.13	1.49	22.77	17.76	1.38	0.33		11.91	6.40

12-20 各市主要农产品产量(2017年)

单位：万吨

市(县) City(County)	粮食 Grain	夏粮 Summer Harvest	秋粮 Autumn Harvest	谷物 Cereal	#稻谷 Rice	#小麦 Wheat	#玉米 Corn
省辖市 City							
郑州市 Zhengzhou	153.15	79.70	73.45	145.29		79.74	65.26
开封市 Kaifeng	300.67	189.54	111.14	287.05	4.42	189.54	93.07
洛阳市 Luoyang	225.18	119.54	105.64	203.00	1.20	119.54	76.95
平顶山市 Pingdingshan	219.06	115.16	103.90	208.47	0.87	115.14	92.43
安阳市 Anyang	371.45	208.48	162.97	363.96	0.20	208.47	153.13
鹤壁市 Hebi	118.32	65.35	52.97	116.94		65.35	51.37
新乡市 Xinxiang	463.02	270.11	192.91	453.11	14.64	270.11	168.17
焦作市 Jiaozuo	203.63	114.89	88.74	200.85	3.75	114.89	82.16
濮阳市 Puyang	288.31	165.34	122.97	278.05	17.49	165.34	95.05
许昌市 Xuchang	288.95	166.57	122.39	266.29		166.52	99.73
漯河市 Luohe	177.78	106.25	71.53	167.78		106.25	61.53
三门峡市 Sanmenxia	65.14	34.15	30.99	57.08		34.15	22.53
南阳市 Nanyang	691.52	416.81	274.72	644.84	26.97	415.41	200.15
商丘市 Shangqiu	717.64	435.05	282.60	690.84	0.35	434.81	255.45
信阳市 Xinyang	556.13	147.73	408.40	550.14	388.85	147.34	13.76
周口市 Zhoukou	881.79	544.06	337.73	839.79	0.45	544.06	295.24
驻马店市 Zhumadian	776.88	507.53	269.35	757.68	17.36	506.79	232.67
济源市 Jiyuan	22.66	12.03	10.63	22.00	0.06	12.03	9.90
省直管县 County Directly Administrated by Province							
巩义市 Gongyi	15.92	8.63	7.29	15.43		8.63	6.74
兰考县 Lankao	56.56	35.26	21.31	54.73	0.16	35.26	19.29
汝州市 Ruzhou	45.97	25.33	20.64	44.08		25.33	18.73
滑县 Huaxian	156.47	90.75	65.72	155.61	0.15	90.74	64.63
长垣县 Changyuan	70.69	41.31	29.38	69.58	1.64	41.31	26.57
邓州市 Dengzhou	118.90	82.06	36.85	113.10	0.95	81.73	28.60
永城市 Yongcheng	133.88	82.04	51.84	122.05		82.04	40.01
固始县 Gushi	108.00	17.20	90.80	107.60	89.10	17.00	1.50
鹿邑县 Luyi	89.23	53.85	35.38	83.91		53.85	30.03
新蔡县 Xincai	89.38	55.79	33.59	87.98	1.32	55.79	30.87

Output of Major Farm Products by City (2017)

(10 000 tons)

豆类 Beans	#大豆 Soybean	油料 Oil-bearing Crops	#花生 Peanuts	#油菜籽 Rapeseeds	棉花 Cotton	烟叶(未加工) Flue-cured Tobacco	蔬菜及食用菌 Vegetables and Edible Fungus	瓜果 Melon and Fruit
1.38	1.16	11.68	11.00	0.61	0.12	0.15	251.40	34.22
4.10	3.96	45.44	44.64	0.71	0.76		736.99	234.43
4.06	3.11	10.73	8.64	1.71	0.21	5.86	271.50	20.92
3.28	3.09	11.26	8.97	2.01	0.09	2.84	240.18	23.33
1.41	1.31	24.45	23.92	0.49	0.28		671.00	104.96
0.48	0.43	3.80	3.73	0.06	0.04		41.71	1.31
3.96	3.96	30.44	29.99	0.43	0.13		306.67	24.94
1.14	1.12	11.66	11.56	0.09	0.03		189.20	14.91
4.84	4.40	12.49	12.26	0.21	0.15		258.96	29.80
8.65	8.64	4.95	3.98	0.93	0.06	2.78	157.33	12.25
5.16	5.16	3.24	2.64	0.52	0.23	1.28	180.68	38.01
4.22	3.44	2.68	1.23	0.78	0.07	3.77	121.02	8.78
14.38	10.56	153.34	140.50	7.54	0.79	6.22	1082.15	160.55
17.09	16.18	34.14	32.39	1.61	0.77	0.74	1028.38	262.90
0.72	0.61	49.29	31.13	17.15	0.09	0.18	416.85	118.03
26.21	25.05	38.12	32.71	1.63	0.48	1.36	1095.43	460.91
7.50	7.07	138.85	131.31	4.73	0.09	1.35	455.55	119.90
0.35	0.34	0.18	0.17	0.01	0.02	0.17	25.22	0.28
0.06	0.04	0.37	0.22	0.13	0.03		5.89	0.12
0.52	0.49	6.26	6.18	0.08	0.13		28.64	9.13
0.18	0.15	1.87	1.60	0.24	0.04	0.36	33.99	1.96
0.08	0.07	11.46	11.44	0.02	0.07		200.92	33.08
0.76	0.76	3.26	2.99	0.26	0.03		58.97	13.28
3.68	2.70	30.19	28.58	0.60	0.12	0.54	214.96	24.56
9.80	9.74	0.28	0.11	0.17	0.02		176.27	35.10
0.03	0.03	6.90	3.34	3.35	0.01		111.35	36.23
3.82	3.78	1.16	0.59	0.43	0.14	0.39	114.63	7.52
0.31	0.22	7.08	6.39	0.33	0.04		45.91	32.90

12-21 各市主要农产品单位面积产量（2017年，按播种面积计算）

单位：千克/公顷

市(县) City(County)	粮食 Grain	夏粮 Summer Harvest	秋粮 Autumn Harvest	谷物 Cereal	稻谷 Rice	小麦 Wheat	玉米 Corn	豆类 Beans
省辖市 City								
郑州市 Zhengzhou	4769	4888	4646	4766		4890	4634	1778
开封市 Kaifeng	5815	6320	5118	5922	6351	6320	5234	2950
洛阳市 Luoyang	4450	4860	4062	4553	7317	4860	4246	1357
平顶山市 Pingdingshan	4920	5332	4532	4978	6335	5333	4591	2703
安阳市 Anyang	6355	6507	6170	6381	9677	6507	6285	2647
鹤壁市 Hebi	7050	7350	6711	7089		7350	6835	2915
新乡市 Xinxiang	6491	7119	5777	6540	7925	7119	5720	2817
焦作市 Jiaozuo	7330	7770	6829	7390	7945	7770	6903	2948
濮阳市 Puyang	6774	7245	6230	6855	6372	7245	6356	3372
许昌市 Xuchang	6466	7275	5616	6849		7273	6244	2584
漯河市 Luohe	6667	7455	5762	7173		7455	6734	2182
三门峡市 Sanmenxia	3984	4424	3591	4225		4424	3975	1923
南阳市 Nanyang	5384	5843	4811	5529	7361	5859	4808	2175
商丘市 Shangqiu	6659	7383	5785	6919	9211	7384	6249	2768
信阳市 Xinyang	6766	4802	7941	6828	8160	4806	6295	975
周口市 Zhoukou	6498	7573	5288	6879	9000	7574	5884	2464
驻马店市 Zhumadian	6113	6742	5199	6189	6169	6753	5251	2850
济源市 Jiyuan	5316	5700	4940	5412	6429	5700	5096	2431
省直管县 County Directly Administrated by Province								
巩义市 Gongyi	3732	3870	3582	3723		3871	3571	1233
兰考县 Lankao	5651	6001	5157	5663	8889	6001	5122	3071
汝州市 Ruzhou	4794	5356	4246	4835		5356	4279	1720
滑县 Huaxian	7655	7650	7661	7647	10227	7650	7642	3871
长垣县 Changyuan	6801	7620	5908	6893	7910	7620	5973	2931
邓州市 Dengzhou	5593	6000	4860	5814	6223	6017	5249	2479
永城市 Yongcheng	6478	7500	5327	7422		7500	7267	2446
固始县 Gushi	7178	4599	8031	7183	8095	4595	5488	2250
鹿邑县 Luyi	6301	7560	5027	6702		7563	5569	2510
新蔡县 Xincai	6004	6675	5145	6115	5410	6675	5337	1458

Output of Major Farm Products Per Hectare by City (2017, by Sown Areas)

(kg/hectare)

大豆 Soybean	油料 Oil-bearing Crops	花生 Peanuts	油菜籽 Rapeseeds	烟叶（未加工） Tobacco	蔬菜及食用菌 Vegetables and Edible Fungus	瓜果类 Melon and Fruits
1977	3749	4074	1693	2040	40708	40671
2967	4589	4639	3014		47077	52203
1380	3254	3549	2711	2487	42218	27194
2814	3223	3664	2354	2386	48437	37545
2764	4704	4853	2054		59718	63861
3177	3085	3157	1421		37811	33942
2839	4392	4434	2740		48204	51870
2937	5311	5377	2217		55925	43992
3503	4616	4662	3253		40659	45280
2586	3298	3585	2567	2955	38155	44445
2182	3345	3750	2650	1811	29249	34462
2030	2160	2529	2255	2237	35348	25211
2114	4406	4803	2921	2937	44064	56486
2716	4746	4827	3983	2857	51041	57721
1001	3545	4749	2610	3310	31904	44903
2541	4497	5320	3691	3900	38901	57240
2908	4178	4473	2697	2285	38748	56356
2525	3333	3925	1417	2307	47792	34287
1500	1517	1537	1578		26647	47211
3210	4743	4800	2583		35654	43568
1957	3497	4067	2043	2529	44886	28659
3889	4930	4942	2380		57745	61659
2984	3871	3976	2987		59414	71033
2479	4589	4950	3088	4320	49771	50932
2440	3921	4200	3900		65915	195785
2250	2998	3980	2500		37223	52759
2506	3140	4035	3603	3157	37612	40047
1473	3111	3600	2424		38535	51404

12–22 蔬菜生产情况

Production of Vegetables

指 标	Item	2016 播种面积（千公顷） Sown Areas (1 000 hectares)	2016 产 量（万吨） Output (10 000tons)	2017 播种面积（千公顷） Sown Areas (1 000 hectares)	2017 产 量（万吨） Output (10 000tons)
蔬菜及食用菌合计	**Vegetables and Edible fungus**	**1682.12**	**7238.18**	**1736.14**	**7530.22**
叶菜类	Leaf Type for Vegetable	225.90	924.53	237.67	961.76
#芹菜	Celery	90.27	440.05	91.42	459.34
菠菜	Spinach	75.39	249.69	81.93	264.31
白菜类	Cabbage	150.10	828.76	150.58	842.08
大白菜	Chinese Cabbage	136.96	737.64	136.37	717.99
甘蓝类	Cabbages	42.17	205.96	42.90	212.09
圆白菜	Cabbage Patch	39.57	191.45	40.68	198.77
块根、块茎类	Root and Stem Tuber for Vegetable	175.49	906.71	174.26	901.12
#白萝卜	Radish	96.64	511.47	93.65	494.11
胡萝卜	Carrot	37.35	191.18	35.62	176.51
瓜菜类	Melons for Vegetable	208.66	1040.30	208.14	1059.34
#黄瓜	Cucumber	156.20	765.91	157.62	778.97
菜用豆类	Legume for Vegetable	143.65	540.75	145.08	560.80
#长豆角	Carob	98.24	365.20	100.28	379.36
茄果菜类	Eggplant and Fruit for Vegetable	387.74	1386.27	398.50	1461.41
#茄子	Eggplant	78.98	358.25	78.32	360.99
西红柿	Tomato	115.09	558.57	113.64	566.94
葱蒜类	Shallot and Garlic for Vegetable	217.45	815.87	235.63	914.54
#大葱	Shallot	86.52	368.28	88.73	401.03
蒜头	Garlic	114.82	360.78	127.73	426.24
水生菜类	Aquicolous Vegetable	25.58	105.96	26.54	107.86
#莲藕	Lotus	24.78	102.93	25.60	103.88
其他蔬菜	Others	105.38	304.29	116.82	328.35
食用菌	Edible Fungus		178.79		180.86

12-23 各市蔬菜播种面积(2017年)

Total Sown Areas of Vegetables by City (2017)

单位：千公顷 (1000 hectare)

市(县) City(County)	蔬菜及食用菌 Vegetables and Edible fungus	叶菜类 Leaf Vegetables	白菜类 Chinese Cabbage	甘蓝类 Cabbages	块根、块茎类 Root and Stem Tuber for Vegetable	瓜菜类 Melons for Vegetable	菜用豆类 Legume for Vegetable	茄果菜类 Eggplant and Fruit for Vegetable	葱蒜类 Shallot and Garlic for Vegetable	水生菜类 Aquicolous Vegetable	其他蔬菜 Others
省辖市 City											
郑州市 Zhengzhou	61.76	8.75	5.22	1.25	4.98	5.09	4.62	6.81	20.12	1.18	3.74
开封市 Kaifeng	156.55	12.86	13.01	3.56	19.75	11.77	8.46	23.37	50.01	1.46	12.31
洛阳市 Luoyang	64.31	9.40	4.35	1.43	8.62	6.99	7.21	15.50	8.14	0.31	2.35
平顶山市 Pingdingshan	49.59	9.52	5.17	1.20	6.22	4.80	4.71	8.91	5.77	0.27	3.03
安阳市 Anyang	112.36	14.93	10.26	2.28	7.38	17.31	11.96	35.80	8.64	0.27	3.54
鹤壁市 Hebi	11.03	2.06	1.47	0.54	1.15	1.48	0.78	1.99	0.68	0.00	0.89
新乡市 Xinxiang	63.62	10.35	14.03	0.76	6.08	8.27	4.27	10.55	4.16	0.50	4.64
焦作市 Jiaozuo	33.83	4.54	4.75	1.31	3.71	6.23	3.45	4.96	3.63	0.31	0.95
濮阳市 Puyang	63.69	6.87	6.45	1.63	4.28	9.67	6.65	17.11	4.43	2.45	4.13
许昌市 Xuchang	41.23	7.60	4.97	0.31	5.49	2.92	2.87	12.84	2.19	0.22	1.82
漯河市 Luohe	61.77	9.10	6.74	0.66	4.30	6.02	2.64	19.85	5.57	0.06	6.82
三门峡市 Sanmenxia	34.24	4.84	2.84	1.68	5.66	3.43	2.30	9.16	2.78	0.31	1.25
南阳市 Nanyang	245.59	22.87	17.88	9.19	29.55	21.72	18.87	52.83	28.66	8.95	35.08
商丘市 Shangqiu	201.48	23.73	15.94	3.86	10.49	21.81	16.14	68.77	32.37	0.82	7.55
信阳市 Xinyang	130.66	24.12	11.50	5.00	19.69	15.46	14.18	16.18	12.97	4.79	6.79
周口市 Zhoukou	281.59	45.88	15.31	5.26	21.34	46.35	25.89	72.88	29.08	3.73	15.87
驻马店市 Zhumadian	117.57	19.77	9.96	2.95	15.05	18.09	9.58	19.43	15.95	0.89	5.90
济源市 Jiyuan	5.28	0.50	0.75	0.04	0.52	0.75	0.51	1.56	0.48	0.01	0.18
省直管县 County Directly Administrated by Province											
巩义市 Gongyi	2.21	0.77	0.17	0.01	0.33	0.40	0.13	0.21	0.14	0.00	0.04
兰考县 Lankao	8.03	0.91	0.48	0.21	0.38	1.08	0.87	2.33	1.57	0.11	0.10
汝州市 Ruzhou	7.57	1.03	1.13	0.26	1.25	0.96	0.59	1.06	0.91	0.01	0.38
滑县 Huaxian	34.79	9.68	3.27	0.72	2.05	5.46	2.65	6.97	2.40	0.07	1.52
长垣县 Changyuan	9.93	1.66	1.88	0.01	0.89	1.56	0.56	1.95	0.67	0.32	0.41
邓州市 Dengzhou	43.19	2.53	2.29	1.34	4.09	7.20	4.22	12.97	5.42	2.96	0.17
永城市 Yongcheng	26.74	2.73	2.96	1.42	3.89	2.98	3.30	6.02	2.51	0.40	0.53
固始县 Gushi	29.91	6.05	2.25	1.06	3.01	3.05	3.64	3.61	5.25	0.96	1.05
鹿邑县 Luyi	30.48	8.22	2.80	1.02	2.28	4.78	2.67	4.04	2.10	0.25	2.32
新蔡县 Xincai	11.91	1.30	1.05	0.44	2.88	1.71	0.69	1.78	1.78	0.10	0.19

12-24 各市蔬菜及食用菌产量(2017年)

Output of Vegetables and Edible Fungus by City (2017)

单位：万吨 (10 000tons)

市(县) City(County)	蔬菜及食用菌 Vegetables and Edible fungus	叶菜类 Leaf Vegetables	白菜类 Chinese Cabbage	甘蓝类 Cabbages	块根、块茎类 Root and Stem Tuber for Vegetable	瓜菜类 Melons for Vegetable	菜用豆类 Legume for Vegetable	茄果菜类 Eggplant and Fruit for Vegetable	葱蒜类 Shallot and Garlic for Vegetable	水生菜类 Aquicolous Vegetable	其他蔬菜 Others	食用菌 Edible Fungus
省 辖 市 City												
郑 州 市 Zhengzhou	251.40	28.63	33.65	5.49	24.02	23.95	17.02	32.60	60.42	6.01	18.55	1.05
开 封 市 Kaifeng	736.99	71.05	78.18	18.15	141.56	67.74	32.25	104.74	179.72	8.59	27.37	7.64
洛 阳 市 Luoyang	271.50	38.71	29.00	6.65	34.90	34.95	23.63	57.48	31.78	0.94	6.58	6.88
平顶山市 Pingdingshan	240.18	37.52	26.19	6.48	37.15	31.95	18.26	36.78	20.18	1.27	11.94	12.47
安 阳 市 Anyang	671.00	68.74	63.47	15.41	45.84	134.27	52.72	205.58	47.75	1.02	16.97	19.24
鹤 壁 市 Hebi	41.71	4.84	9.37	2.15	4.99	6.28	2.48	7.40	2.06	0.00	1.66	0.49
新 乡 市 Xinxiang	306.67	39.63	76.45	4.69	31.34	42.44	13.63	47.54	15.03	1.87	17.03	17.04
焦 作 市 Jiaozuo	189.20	18.81	27.06	7.59	20.14	42.15	14.02	31.73	19.46	1.30	5.39	1.55
濮 阳 市 Puyang	258.96	26.45	30.57	9.01	18.47	42.64	26.57	61.59	15.18	5.52	12.10	10.87
许 昌 市 Xuchang	157.33	19.38	32.78	1.44	33.11	13.27	10.15	33.18	7.00	0.81	6.09	0.11
漯 河 市 Luohe	180.68	34.27	22.81	1.67	19.76	22.48	11.56	38.65	12.91	0.31	14.91	1.34
三门峡市 Sanmenxia	121.02	11.91	10.11	7.49	19.82	15.63	6.15	25.32	9.49	1.44	4.39	9.27
南 阳 市 Nanyang	1082.15	100.86	96.17	51.93	159.57	122.57	116.62	158.78	142.98	44.26	64.78	23.63
商 丘 市 Shangqiu	1028.38	114.40	132.51	20.24	78.44	112.76	65.32	279.08	161.41	3.39	34.53	26.30
信 阳 市 Xinyang	416.85	70.43	47.62	19.15	66.67	59.23	42.11	44.59	28.67	11.32	20.09	6.97
周 口 市 Zhoukou	1095.43	206.95	73.20	22.09	88.90	217.73	80.01	220.31	111.48	15.97	46.63	12.18
驻马店市 Zhumadian	455.55	67.50	46.83	12.32	72.20	64.70	27.34	71.08	47.56	3.81	19.20	23.02
济 源 市 Jiyuan	25.22	1.67	6.12	0.15	4.26	4.60	0.97	4.99	1.45	0.03	0.15	0.82
省直管县 County Directly Administrated by Province												
巩 义 市 Gongyi	5.89	0.82	0.66	0.02	1.30	1.19	0.43	1.04	0.36	0.01	0.05	0.01
兰 考 县 Lankao	28.64	3.53	2.23	0.85	1.53	4.57	2.79	6.27	5.58	0.35	0.21	0.73
汝 州 市 Ruzhou	33.99	5.12	5.61	1.34	6.62	4.50	1.52	4.22	4.00	0.04	0.92	0.11
滑 县 Huaxian	200.92	45.50	19.47	3.91	11.80	46.79	10.88	42.07	12.11	0.50	7.59	0.31
长 垣 县 Changyuan	58.97	9.01	11.65	0.05	6.69	10.75	2.51	10.69	3.85	1.30	1.92	0.55
邓 州 市 Dengzhou	214.96	11.91	23.99	7.72	24.66	38.82	21.86	52.05	18.91	13.78	0.41	0.85
永 城 市 Yongcheng	176.27	16.08	19.99	9.69	22.57	24.51	16.51	35.24	25.63	1.63	4.36	0.05
固 始 县 Gushi	111.35	21.62	12.36	4.09	22.52	15.06	9.04	10.18	11.07	2.50	2.81	0.11
鹿 邑 县 Luyi	114.63	29.38	13.01	2.05	12.05	20.38	6.32	17.78	6.00	0.88	6.63	0.15
新 蔡 县 Xincai	45.91	3.01	8.19	0.99	10.17	7.20	2.19	8.86	3.82	0.30	0.45	0.73

12-25 茶叶、水果及食用坚果生产情况

Production of Tea, Fruit and Nuts

指　标	Item	2010	2011	2012	2013	2014	2015	2016	2017
面　积	Area								
茶园面积(千公顷)	Area of Tea Plantations (1 000 hectares)	65.15	78.52	87.63	97.69	105.47	114.00	118.29	115.76
果园面积(千公顷)	Area of Orchards (1 000 hectares)	456.08	466.57	467.96	477.19	460.05	457.47	449.55	442.67
苹果园	Apple Orchards	178.22	181.29	179.73	177.67	173.09	171.48	157.84	147.39
梨园	Pears Orchards	47.36	49.66	52.12	52.48	53.15	54.94	54.81	55.49
葡萄园	Grapes Orchards	29.96	30.29	29.69	32.50	34.07	36.41	38.05	36.94
猕猴桃园	Chinese Gooseberry Orchards	9.20	9.61	10.24	10.30	10.82	10.99	11.16	11.34
桃园	Peach Orchards	74.00	75.62	76.42	76.57	70.20	74.04	78.87	82.42
柑桔园	Citrus Orchards	10.85	10.78	10.99	11.54	11.75	11.60	11.60	11.74
其他果园	Others	106.49	109.33	108.76	116.13	106.96	98.01	97.21	97.35
产　量	Output								
茶叶产量(吨)	Output of Tea (ton)	42732	49447	51374	55891	61119	64855	68583	63954
园林水果产量(万吨)	Output of Garden Fruit (10 000 tons)	797.5	835.56	872.91	891.25	899.36	919.68	927.12	931.98
苹果	Apples	410.39	422.16	438.99	445.86	444.83	453.19	442.42	434.53
梨	Pears	94.92	100.84	104.82	108.24	113.52	115.53	118.27	121.84
葡萄	Grapes	48.49	50.18	55.33	55.83	58.57	64.00	68.54	70.29
鲜枣	Jujube	39.30	40.28	40.78	41.77	35.85	32.63	33.00	29.91
柿	Persimmon	44.47	49.72	54.41	54.81	54.53	52.19	51.14	50.87
桃	Peach	101.57	108.34	110.33	109.79	112.83	118.89	127.26	133.58
柑桔	Citrus	4.17	3.94	4.04	4.81	4.67	4.94	4.79	4.91
食用坚果产量(万吨)	Nuts (10 000tons)								
核桃	Walnuts	5.54	8.05	10.97	8.30	10.70	16.59	18.04	19.10
板栗	Chestnut	20.65	25.01	22.09	12.23	17.70	28.36	28.10	29.56

12-26 各市果园面积(2017年)

Area of Orchard by City (2017)

单位：千公顷 (1 000 hectares)

市(县) City(County)	合计 Total	#苹果园 Apple Orchards	#梨园 Pears Orchards	#葡萄园 Grapes Orchards	#柑橘园 Orange Orchards	#猕猴桃园 Chinese Gooseberry Orchards	#桃园 Peach Orchards
省辖市 City							
郑州市 Zhengzhou	20.32	2.49	1.22	0.01		0.01	2.50
开封市 Kaifeng	24.49	13.44	1.75				5.24
洛阳市 Luoyang	47.59	22.56	3.26	0.08		0.08	3.70
平顶山市 Pingdingshan	13.06	1.15	1.90	0.02		0.02	5.55
安阳市 Anyang	35.17	9.34	2.44	0.00		0.00	4.89
鹤壁市 Hebi	2.57	0.34	0.27	0.00		0.00	0.15
新乡市 Xinxiang	14.46	3.36	1.81	0.02		0.02	5.38
焦作市 Jiaozuo	6.38	1.33	0.91	0.01		0.01	2.23
濮阳市 Puyang	11.62	6.44	1.04				1.31
许昌市 Xuchang	4.86	1.15	0.40	0.00		0.00	0.96
漯河市 Luohe	3.07	0.11	0.60	0.03		0.03	0.60
三门峡市 Sanmenxia	64.49	47.70	1.49	0.03		0.03	4.56
南阳市 Nanyang	82.73	8.01	12.40	10.97	11.52	10.97	18.39
商丘市 Shangqiu	49.51	25.64	9.74	0.02		0.02	7.55
信阳市 Xinyang	17.21	0.24	3.58	0.11	0.22	0.11	6.51
周口市 Zhoukou	22.92	3.35	5.57	0.02	0.00	0.02	5.14
驻马店市 Zhumadian	19.90	0.33	6.86	0.02		0.02	7.24
济源市 Jiyuan	2.32	0.44	0.27				0.50
省直管县 County Directly Administrated by Province							
巩义市 Gongyi	1.61	0.30	0.13	0.00		0.00	0.16
兰考县 Lankao	4.93	3.34	0.45				0.69
汝州市 Ruzhou	4.87	0.66	0.20				2.43
滑县 Huaxian	4.63	1.78	0.86	0.00		0.00	0.93
长垣县 Changyuan	1.35	0.08	0.14				0.12
邓州市 Dengzhou	5.02	0.43	0.84	0.09	0.89	0.09	1.63
永城市 Yongcheng	5.30	1.14	1.73				1.26
固始县 Gushi	1.68	0.09	0.33	0.03	0.10	0.03	0.45
鹿邑县 Luyi	0.59	0.08	0.18				0.12
新蔡县 Xincai	2.71	0.13	0.70				0.62

12-27 各市园林水果产量(2017年)

Output of Garden Fruit by City (2017)

单位：吨 (ton)

市(县) City(County)	合计 Total	#苹果 Apples	#梨 Pears	#葡萄 Grapes	#枣 Jujube	#柿 Persimmon	#桃 Peach
省辖市 City							
郑州市 Zhengzhou	265291	41985	20919	44423	53440	7890	32240
开封市 Kaifeng	495680	268094	39528	42277	6275	10711	122457
洛阳市 Luoyang	909553	497324	46711	107118	18588	69918	82133
平顶山市 Pingdingshan	161422	15352	25115	42370	1730	16519	52913
安阳市 Anyang	670346	257335	63543	36991	110351	52903	117289
鹤壁市 Hebi	36161	11913	7035	5929	2204	3245	5397
新乡市 Xinxiang	253723	54014	30485	15643	4142	6736	140554
焦作市 Jiaozuo	143018	39114	22885	14033	2143	10539	52320
濮阳市 Puyang	289506	191935	29884	13579	9326	4367	16680
许昌市 Xuchang	64959	18581	10781	16742	2644	1418	12888
漯河市 Luohe	86764	3269	15932	48525	221	839	17510
三门峡市 Sanmenxia	2420733	1895336	48191	76727	33681	147015	126983
南阳市 Nanyang	919942	40213	68142	20095	20928	45073	175849
商丘市 Shangqiu	1772618	913291	601857	101085	8092	25483	100228
信阳市 Xinyang	142147	1033	39870	28163	2572	15760	50399
周口市 Zhoukou	508811	83468	95675	63880	19379	80453	160739
驻马店市 Zhumadian	146014	2025	44360	24125	3328	5545	63060
济源市 Jiyuan	33128	10992	7482	1244	11	4239	6157
省直管县 County Directly Administrated by Province							
巩义市 Gongyi	25859	8025	2696	7921	128	1571	2911
兰考县 Lankao	140320	90719	17204	8591	713	214	17827
汝州市 Ruzhou	42077	9291	2413	5797	683	10680	13213
滑县 Huaxian	164353	68048	32424	14509	8703	12084	28581
长垣县 Changyuan	14785	1992	1657	5631	2640	41	2824
邓州市 Dengzhou	30945	1311	4235	2968	370	384	20742
永城市 Yongcheng	263303	47880	162030	17565			21893
固始县 Gushi	27056	190	9328	4780	570	5031	5130
鹿邑县 Luyi	10634	1952	5110	1768	95	319	1380
新蔡县 Xincai	18460	1074	5230	3576	236	2167	6177

12-28 林业生产情况

Conditions of Forestry Production

指 标	Item	2000	2005	2010	2013	2014	2015	2016	2017
营林情况	**Afforestation Conditions**								
当年造林面积(千公顷)	New Forest Area This Year (1 000 hectares)	241.32	263.50	277.11	253.91	260.00	200.01	133.49	180.93
#人工造林	By Manpower	206.45	186.72	211.53	201.21	201.25	154.75	97.65	126.28
按造林用途分(千公顷)	Afforestation Area by Use (1 000 hectares)								
用材林	Timber Forest	56.77	73.90	72.81	55.70	67.18	55.39	25.82	29.57
经济林	Economic Forest	69.11	39.00	35.46	41.44	49.00	37.37	18.01	22.36
防护林	Shelter Forest	113.80	72.93	168.58	156.77	143.08	105.23	89.53	107.82
年末实有封山育林面积	Actual Area of Close Hillsides to Tend Forests								
(千公顷)	at year-end (1 000 hectares)	475.46	385.92	367.46	362.78	388.34	425.82	403.46	403.96
零星(四旁)植树(万株)	Scattered Planting Trees (10 000 trees)	25806	30639	27328	22948	20768	18921	14012	13611
育苗面积(千公顷)	Area of Tending Seedlings (1 000 hectares)	18.21	28.65	34.94	42.55	53.66	59.15	65.83	59.46
当年苗木产量(万株)	Output of Nursery Stock (10 000 trees)		201169	153503	239485	253022	268911	279005	282924
森林抚育面积(千公顷)	Forests Tending Area (1 000 hectares)			634.61	323.95	349.13	217.07	300.39	300.75
主要林产品产量	**Output of Major Forest Products**								
天然生漆(吨)	Lacquer (ton)	569	955	2034	2209	2103	2111	2092	2086
油桐籽(吨)	Tung-oil Seeds (ton)	57054	45802	120701	83830	84397	79182	81155	68173
油茶籽(吨)	Tea-oil Seeds (ton)	3270	8079	20823	17461	18439	24324	29213	32047
乌桕籽(吨)	Tallow-seeds (ton)	1157	2557	11631	10825	9765	8235	7869	7220
五倍子(吨)	Chinese Gall (ton)	934	1709	3986	4181	4163	4173	4072	4062
村及村以下竹木采伐量	**Logging of Bamboo and Tree in Rural Areas**								
木材(万立方米)	Wood (10 000 cu.m)	306.00	55.94	149.67	243.13	228.81	228.88	273.99	246.03
竹材(万根)	Bamboo (10 000 units)	158.00	506.50	76.50	125.85	151.44	153.89	153.50	111.02

12-29 各市林业生产情况(2017年)

Conditions of Forestry Production by City (2017)

单位：千公顷 (1 000 hectares)

市(县) City(County)	当年造林面积 Current New Forest Area	#人工造林 By Manpower	#用材林 Timber Forest	#经济林 Economic Forest	#防护林 Shelter Forest
省辖市 City					
郑州市 Zhengzhou	5.38	4.64	1.11	1.89	1.64
开封市 Kaifeng	3.51	3.51	0.41	0.91	2.19
洛阳市 Luoyang	10.67	7.50	1.35	1.50	7.32
平顶山市 Pingdingshan	21.49	14.92	0.61	3.52	17.25
安阳市 Anyang	7.44	5.15	1.18	1.15	4.75
鹤壁市 Hebi	5.08	4.34	0.15	2.16	2.71
新乡市 Xinxiang	17.53	12.91	8.50	0.52	8.51
焦作市 Jiaozuo	5.73	3.79	1.77	0.11	3.74
濮阳市 Puyang	2.61	2.61	1.76	0.16	0.69
许昌市 Xuchang	2.31	2.12	0.72	0.17	1.22
漯河市 Luohe	1.03	1.03	0.14	0.07	0.82
三门峡市 Sanmenxia	13.56	11.35	0.90	1.02	11.43
南阳市 Nanyang	44.46	22.43	0.50	6.15	22.12
商丘市 Shangqiu	3.83	3.75	1.12	0.70	1.93
信阳市 Xinyang	18.53	12.22	6.29	1.32	8.32
周口市 Zhoukou	2.37	2.09	1.11	0.22	0.76
驻马店市 Zhumadian	10.81	8.90	1.94	0.71	8.06
济源市 Jiyuan	4.61	3.06		0.10	4.36
省直管县 County Directly Administrated by Province					
巩义市 Gongyi	0.58	0.48		0.30	0.18
兰考县 Lankao	1.10	1.10			1.10
汝州市 Ruzhou	3.54	3.00		0.54	3.43
滑县 Huaxian	0.99	0.63	0.52	0.11	
长垣县 Changyuan	0.58	0.58			0.57
邓州市 Dengzhou	2.38	2.18		0.20	1.98
永城市 Yongcheng	1.84	1.44		0.40	1.05
固始县 Gushi	0.64	0.56			0.56
鹿邑县 Luyi	0.47	0.27	0.27		
新蔡县 Xincai	0.41	0.41			0.41

12-29 续表 continued

单位：千公顷 (1 000 hectares)

市(县) City(County)	年末实有封山育林面积 Actual Area of Closing Hillsides to Tend Forest at year-end	零星(四旁)植树(万株) Scattered Planting Trees (10 000 trees)	当年苗木产量(万株) Quantity of Nursery Stock (10 000 trees)	森林抚育面积 Area of Tending Woods
省辖市 City				
郑州市 Zhengzhou	1.23	604.00	9887.64	3.65
开封市 Kaifeng		342.17	6324.20	0.60
洛阳市 Luoyang	27.90	473.71	37645.28	104.80
平顶山市 Pingdingshan	22.12	716.00	11611.60	4.52
安阳市 Anyang	19.43	711.66	11998.68	4.15
鹤壁市 Hebi	12.68	386.00	2596.48	3.19
新乡市 Xinxiang	22.04	506.61	11866.62	8.73
焦作市 Jiaozuo	2.04	248.12	8555.33	8.74
濮阳市 Puyang		96.15	6212.47	0.03
许昌市 Xuchang	5.34	2111.50	10829.00	3.07
漯河市 Luohe		432.28	3561.80	
三门峡市 Sanmenxia	52.75	1263.00	22994.43	21.74
南阳市 Nanyang	133.33	1757.08	58770.84	89.80
商丘市 Shangqiu		854.65	11230.65	1.13
信阳市 Xinyang	90.91	1164.00	34849.63	32.59
周口市 Zhoukou		614.63	12048.27	2.13
驻马店市 Zhumadian	13.46	1179.39	17715.78	8.06
济源市 Jiyuan	0.73	150.00	4226.10	3.83
省直管县 County Directly Administrated by Province				
巩义市 Gongyi	0.27		430.00	1.80
兰考县 Lankao		110.00	4343.00	0.33
汝州市 Ruzhou	3.39	98.00	6974.00	1.78
滑县 Huaxian			1433.00	
长垣县 Changyuan		240.00	130.00	
邓州市 Dengzhou	0.33	582.00	3986.40	
永城市 Yongcheng		285.00	2568.20	0.22
固始县 Gushi	1.41	200.00	380.00	1.48
鹿邑县 Luyi		155.00	110.00	0.13
新蔡县 Xincai		213.04	1066.83	0.05

12–30 牧渔业产量

Output of Animal Husbandry and Fishery

年份 Year	肉类产量(万吨) Total Output of Meat (10 000 tons)	#猪肉 Pork	#牛肉 Beef	#羊肉 Mutton	#禽肉 Poultry	大牲畜年底头数(万头) Large Animals at Year-end (10 000 heads)	#役畜 Draught Animals	猪年底头数(万头) Hogs (10 000 heads)	禽蛋产量(万吨) Poultry Eggs (10 000 tons)	奶类产量(万吨) Output of Milk (10 000 tons)	水产品产量(万吨) Total Aquatic Products (10 000 tons)
1978	45.64	42.20				515.03	401.70	1724.90			2.47
1979	55.14	50.00				521.50	400.40	1592.30			2.30
1980	55.03	49.45	0.69	2.88	1.90	541.99	423.75	1474.24	15.86	2.20	2.91
1981	51.58	44.30	0.60	3.36		607.00	498.90	1386.50	16.31		3.00
1982	54.26	47.60	0.52	3.46		671.50	542.10	1310.70	16.75		3.25
1983	51.33	43.70	0.88	3.41		704.70	562.20	1195.70	21.41		3.78
1984	58.59	49.60	1.83	3.31		794.70	615.70	1327.00	31.38		4.89
1985	71.83	61.08	3.01	3.38	4.10	886.35	664.55	1621.74	37.15	4.50	6.37
1986	79.42	65.00	5.50	3.70		957.44	708.10	1539.41	37.32		6.61
1987	86.63	66.10	8.90	5.00		1000.82	738.44	1404.72	43.55		7.62
1988	103.75	76.87	12.24	6.48		1069.20	779.57	1586.18	50.43		9.39
1989	121.53	88.11	15.26	7.89		1111.56	794.04	1680.22	53.62		9.83
1990	134.86	97.45	18.16	8.05	9.40	1116.33	798.30	1750.32	59.58	7.40	10.48
1991	157.95	108.73	24.82	7.76		1102.10	782.25	1820.80	73.81		10.77
1992	171.66	119.23	25.67	7.96		1135.50	794.90	1959.70	79.29		11.55
1993	203.51	137.60	32.64	9.90	19.30	1211.00	843.00	2085.00	95.58	7.50	13.83
1994	253.31	165.81	44.00	12.57	25.70	1329.18	919.79	2325.17	125.28	8.90	15.84
1995	333.00	210.37	64.39	21.10	31.00	1420.45	985.76	2667.72	140.01	9.80	18.09
1996	347.72	225.63	59.45	21.72	34.10	1089.14	783.00	2229.67	154.54	9.70	20.51
1997	403.00	256.12	64.88	25.23	49.30	1420.87	857.03	2931.91	201.40	10.60	23.88
1998	461.63	297.86	76.71	28.00	50.76	1416.84	803.70	3439.66	229.34	12.30	27.02
1999	485.11	313.95	82.21	29.96	51.47	1448.42	530.60	3556.43	251.82	15.90	28.83
2000	517.00	337.88	83.00	32.00	55.00	1445.73	482.84	3787.69	270.00	20.20	32.17
2001	540.65	343.77	89.23	34.51	63.90	1435.93	479.53	3672.07	286.00	30.00	31.46
2002	570.01	366.49	89.20	37.85	66.40	1409.78	437.03	3800.00	302.00	39.00	36.22
2003	603.55	386.00	93.00	42.00	74.00	1469.45	430.00	3917.80	326.20	52.60	38.95
2004	643.00	412.37	98.33	44.06	79.55	1491.19	427.00	4152.87	347.40	78.90	42.70
2005	689.00	441.20	102.75	47.38	87.51	1508.80	412.90	4439.00	375.30	108.50	51.68
2006	584.60	391.30	82.00	23.80	76.60	1114.26	410.12	3953.30	329.50	142.26	40.98
2007	545.87	338.88	75.28	24.82	84.58	985.75	387.21	4184.00	333.14	149.82	45.68
2008	573.35	366.84	70.70	25.51	91.52	910.09	337.42	4458.81	363.82	201.86	50.58
2009	591.61	389.18	64.75	24.46	96.88	814.97	369.30	4524.05	370.74	203.56	53.77
2010	608.96	407.72	58.67	23.35	101.32	719.19	296.16	4540.55	372.29	207.04	57.86
2011	604.28	405.67	53.14	22.54	105.59	619.07	243.38	4560.84	370.13	214.85	65.47
2012	632.84	431.57	47.80	22.07	114.60	537.56	211.21	4577.45	379.00	220.85	71.72
2013	648.97	452.99	43.89	21.66	113.48	487.16	200.09	4415.68	380.58	219.07	85.01
2014	662.02	476.63	41.02	21.80	108.34	447.59	192.82	4407.38	370.81	227.28	91.76
2015	647.22	466.45	37.84	21.81	108.97	411.70	183.71	4361.95	372.30	233.66	102.37
2016	625.94	449.04	34.87	21.85	110.05	353.67	167.47	4268.82	379.56	223.30	94.76
2017	655.84	466.90	35.04	26.10	118.97	376.09	108.50	4390.00	401.18	212.87	94.67

12-31 畜禽产品年末存栏数量及产量

Number of Livestock and Output of Livestock Products at Year-end

单位：万头、万只 (10 000 heads)

指 标	Item	1980	1990	2000	2005	2010	2014	2015	2016	2017
年底存栏总头数	Number of Livestock at Year-end									
#大牲畜	Large Livestock	541.99	1116.33	1445.73	1508.80	719.19	447.592	411.70	353.67	376.09
#从事农事劳役	Draught Animals	423.75	798.30	482.84	412.90	296.16	192.82	183.71	167.47	108.50
牛	Cow	339.60	892.50	1340.20	1447.00	695.05	434.66	402.68	348.41	372.67
#肉牛	Cattle	177.70		282.80	514.06	346.53	201.75	181.76	150.58	230.51
#乳牛	Dairy	0.90	1.90	6.70	31.22	52.35	40.09	37.22	30.36	33.66
马	Horse	52.20	39.20	29.30	17.29	8.05	4.18	2.80	1.38	0.97
驴	Donkey	94.30	120.90	49.50	29.60	12.34	7.24	5.13	3.47	2.18
骡	Mule	55.90	63.70	26.80	14.91	3.76	1.51	1.09	0.41	0.28
猪	Pig	1474.24	1750.32	3787.69	4439.00	4540.55	4407.38	4361.95	4268.82	4390.00
羊	Sheep	1147.80	1279.50	2961.40	3988.00	1895.40	1886.00	1926.00	1535.45	1682.02
山羊	Goat	764.80	1129.50	2730.10	3509.00	1662.88	1551.82	1552.77	1438.55	1412.88
绵羊	Sheep	383.00	150.00	231.30	479.00	232.52	334.18	373.23	96.89	269.14
家禽	Poultry		19849.90	42529.00	61958.00	56708.51	57081.34	57070.49	56927.73	65019.50
猪牛羊出栏头(只)数	Slaughtered Fattened Hogs, Cattle and Sheep									
肉猪	Hogs	684.70	1182.40	4180.00	5568.00	5382.80	6291.98	6151.36	5983.13	6220.00
肉用牛	Cattle	9.00	167.90	578.00	702.64	390.08	272.77	251.29	231.10	232.95
肉用羊	Sheep and Goats	289.10	834.00	2903.80	4225.00	1959.16	1792.14	1790.23	1791.49	2145.00
肉用禽	Poultry					81530.72	82685.40	83132.35	83926.15	90681.61
肉类总产量(万吨)	Total Output of Meat (10 000 tons)	55.03	134.86	517.00	689.00	608.96	662.02	647.22	625.94	655.84
#猪肉	Pork	49.40	97.40	337.90	441.20	407.72	476.63	466.45	449.04	466.90
牛肉	Beef	0.70	18.20	83.00	102.75	58.67	41.02	37.84	34.87	35.04
羊肉	Mutton	2.90	8.10	32.00	47.38	23.35	21.80	21.81	21.85	26.10
禽肉	Meat of Poultry	1.90	9.40	55.00	87.51	101.32	108.34	108.97	110.05	118.97
兔肉	Rabbit	0.10	0.30	4.20	5.66	9.46	7.55	6.23	5.32	4.85
其他畜产品产量	Others Output of Livestock Products									
奶类总产量(万吨)	Output of Milk (10 000 tons)	2.20	7.40	20.20	108.50	207.04	227.28	233.66	223.30	212.87
牛奶	Cow Milk	0.80	2.70	16.10	104.00	190.06	216.90	223.57	213.51	202.86
羊奶	Sheep Milk	1.40	4.70	4.10	5.00	16.98	10.37	10.10	9.79	10.01
羊毛总产量(吨)	Output of Wool (ton)	10708	6745	10844	14335	11984	9569	7246	9370	9214
山羊毛	Goat Wool	771	1372	2858	2873	4297	3671	2245	3657	3450
绵羊毛	Sheep Wool	9937	5373	7986	11462	7687	5898	5000	5713	5765
羊绒产量(吨)	Cashmere (ton)	52	102	277	7135	181	146	311	706	581
蜂蜜产量(吨)	Honey (ton)	5287	11908	23105	27441	61820	36645	27907	87823	71487
禽蛋产量(万吨)	Poultry Eggs (10 000 tons)	15.90	59.60	270.00	375.30	372.29	370.81	372.30	379.56	401.18
蚕茧产量(吨)	Output of Silkworm Cocoons (ton)			15190	20366	16751	10313	7715	21936	21563
#桑蚕茧	Mulberry Silkworm Cocoons			12560	14803	13287	8204	7256	15754	15415
柞蚕茧	Tussore Silkworm Cocoons			2630	5563	3464	2109	459	6182	6148

12-32 各市牲畜饲养情况(2017年底)

Number of Livestock by City (End of 2017)

市(县) City(County)	牛 (万头) Cattles (10 000 heads)	马 (头) Horses (head)	驴 (头) Donkeys (head)	骡 (头) Mules (head)	猪年底头数 (万头) Hogs (year-end) (10 000 heads)	羊年底只数 (万只) Sheep and Goats (year-end) (10 000 heads)	家禽 (万只) Poultry (10 000 heads)	兔 (万只) Rabbits (10 000 heads)
省辖市 City								
郑州市 Zhengzhou	7.99	55	847	41	125.12	41.93	2074.83	8.33
开封市 Kaifeng	24.15	51	914	68	296.97	107.88	4597.30	72.87
洛阳市 Luoyang	27.94	352	1117	150	140.55	73.68	2514.20	164.64
平顶山市 Pingdingshan	19.15	4212	4939	918	244.12	118.22	2444.59	31.81
安阳市 Anyang	5.71	226	1349	334	173.76	72.08	4186.04	25.82
鹤壁市 Hebi	2.10	78	99	166	95.71	27.08	2338.41	4.07
新乡市 Xinxiang	12.41	38	1115	179	286.11	62.77	4173.25	19.47
焦作市 Jiaozuo	9.93		162		113.91	33.16	1788.30	44.32
濮阳市 Puyang	10.97	476	2295	226	97.81	60.30	4917.29	45.83
许昌市 Xuchang	12.52	507	343	5	260.02	69.96	2058.50	33.75
漯河市 Luohe	4.18				201.42	17.32	2414.28	5.59
三门峡市 Sanmenxia	13.88				73.21	34.25	607.70	0.68
南阳市 Nanyang	78.63	568	1230	31	506.99	245.50	5080.18	36.82
商丘市 Shangqiu	33.56	41	321	71	273.14	242.30	7380.08	73.78
信阳市 Xinyang	13.66				288.91	61.79	5698.74	45.49
周口市 Zhoukou	26.02	1019	1944	583	521.21	255.68	8139.32	100.92
驻马店市 Zhumadian	67.40	2037	5111		655.04	147.90	4392.12	385.56
济源市 Jiyuan	2.46				36.00	10.23	214.38	12.53
省直管县 County Directly Administrated by Province								
巩义 市 Gongyi	0.48		155		19.18	4.13	132.31	1.82
兰考 县 Lankao	2.47		708		23.23	20.03	1682.61	15.24
汝州市 Ruzhou	5.84	1163	824	684	73.55	32.25	756.12	8.63
滑 县 Huaxian	1.73	122	686		31.78	16.03	1738.97	3.02
长垣 县 Changyuan	1.02		800		15.75	6.04	440.05	2.56
邓州市 Dengzhou	15.44				105.98	35.94	994.83	9.91
永城市 Yongcheng	1.89				33.95	42.84	1960.72	13.50
固始 县 Gushi	1.91				71.99	19.10	1741.33	0.32
鹿邑 县 Luyi	1.37				57.05	24.58	935.01	2.08
新蔡 县 Xincai	5.30		1264		66.55	16.55	454.94	66.15

12-33 各市畜产品产量(2017年)

Output of Livestock Products by City (2017)

市(县) City(County)	猪牛羊出栏头(只)数 Slaughtered Fattened Hogs, Cattle, Sheep and Goats			猪肉产量(万吨) Output of Pork (10 000 tons)	蜂蜜(吨) Honey (ton)	禽蛋(万吨) Poultry Eggs (10 000 ton)	绵羊毛		山羊粗毛(吨) Goat Wool (ton)
	猪(万头) Hogs (10 000 heads)	牛(万头) Cattle (10 000 heads)	羊(万只) Sheep and Goats (10 000 units)				羊毛(吨) Sheep Wool (ton)	#细羊毛 Fine Wool	
省辖市 City									
郑州市 Zhengzhou	180.39	4.79	51.97	13.74	85	12.80	22	7	11
开封市 Kaifeng	406.11	15.05	198.56	30.48	78	28.37	429	2	0
洛阳市 Luoyang	180.21	15.76	63.62	13.81	2536	15.51	1157	227	482
平顶山市 Pingdingshan	333.56	11.77	113.54	24.96	225	15.08	835	77	239
安阳市 Anyang	229.51	2.61	82.66	17.21	34	25.83	292		7
鹤壁市 Hebi	147.38	1.29	24.78	11.23	2	14.43	58	25	49
新乡市 Xinxiang	411.76	7.73	79.01	30.71	91	25.75	223		61
焦作市 Jiaozuo	140.22	6.45	32.66	10.37	124	11.03	364		
濮阳市 Puyang	132.13	5.93	108.33	10.09	4	30.34	897	3	1
许昌市 Xuchang	413.10	7.70	84.95	30.90	1015	12.70	29		12
漯河市 Luohe	345.61	2.03	25.09	25.27	15	14.90			
三门峡市 Sanmenxia	94.35	7.26	33.32	7.08	2601	3.75	535	42	302
南阳市 Nanyang	701.70	49.99	316.30	52.07	31650	31.35	458	54	1253
商丘市 Shangqiu	425.87	21.52	314.00	31.92	385	45.54	306	41	
信阳市 Xinyang	402.56	8.87	87.12	30.30	6558	35.16			
周口市 Zhoukou	690.84	17.66	334.38	51.93	54	50.22	22	12	
驻马店市 Zhumadian	929.17	45.08	188.44	70.64	26017	27.10	108	97	447
济源市 Jiyuan	55.54	1.48	6.27	4.17	11	1.32	29	15	5
省直管县 County Directly Administrated by Province									
巩义市 Gongyi	27.55	0.35	3.71	2.18	63	0.82	4	1	7
兰考县 Lankao	30.24	1.56	34.60	2.26	0	10.38	4	2	0
汝州市 Ruzhou	92.24	3.55	17.79	6.94	5	4.67	23		
滑县 Huaxian	39.46	0.98	27.75	2.95	0	10.73	98		2
长垣县 Changyuan	25.23	0.77	9.69	1.93		2.72	1		0
邓州市 Dengzhou	136.87	10.30	56.13	10.29	17	6.14	2	0	18
永城市 Yongcheng	44.19	1.71	70.91	3.31	0	12.10			
固始县 Gushi	107.54	1.53	35.02	8.21	16	10.74			
鹿邑县 Luyi	79.67	0.67	23.02	6.05	0	5.77			
新蔡县 Xincai	88.72	3.68	25.23	6.73	3109	2.81			

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。1957 年以前的农林牧渔业总产值中包括了厩肥和农民自给性手工业（如农民自制衣服、鞋、袜，自己从事粮食初步加工等）。1958 年及以后，林业中增加了村及村以下竹木采伐产值；牧业中取消了厩肥产值；副业中取消了农民自给性手工业产值，增加了村及村以下办的工业产值； 渔业中增加了海洋捕捞水产品产值。1980 年及以后，在副业中增加了农民家庭兼营工业商品部分的产值。从 1984 年起村及村以下工业产值划归工业。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服务业产值。林业中增加了森林采运业产值。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。第一次农业普查以后，由于畜牧业产品年报数据与普查数据之间存在一定的差距，根据农业普查结果，对畜牧业年报数据和畜牧业产值进行了修正。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。

农林牧渔业总产值的计算方法通常是按农、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服务业产值相加即为农林牧渔业总产值。

粮食产量 指农业生产经营者日历年度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、薯类和豆类。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）1963 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水产和统计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。

期初(末)畜禽存栏头(只)数 指报告期初（末）农村各种合作经济组织和国营农场、农民个人、机关、团体、学校、工矿企业、部队等单位以及城镇居民饲养的大牲畜、猪、羊、家禽等畜禽的存栏数。

常用耕地 是指耕地总资源中专门种植农作物并经常进行耕种、能够正常收获的土地。包括当年实际耕种的熟地；弃耕、休闲不满三年，随时可以复耕的地；开荒利用三年以上的地。不包括临时种植农作物的坡度在 25 度以上的陡坡地；在河套、湖畔、库区临时开发的成片或零星土地；也不包括已列为国家和省（区、市）退耕计划但临时耕种的土地。

农作物播种面积 指实际播种或移植有农作物的面积。凡是实际种植有农作物的面积，不论种植在耕地上还是种植在非耕地上，均包括在农作物播种面积中。在播种季节基本结束后，因遭灾而重新改种和补种的农作物面积，也包括在内。

有效灌溉面积 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，在一般年景下当年能够进行正常灌溉的耕地面积。

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、含氧化钾的百分之一百成份进行折算后的数量。复合肥按其所含主要成分折算。

农业机械总动力 指主要用于农、林、牧、渔业的各种动力机械的动力总和。包括耕作机械、排灌机械、收获机械、农用运输机械、植物保护机械、牧业机械、林业机械、渔业机械和其他农业机械〔内燃机按引擎马力折成瓦（特）计算、电动机按功率折成瓦（特）计算〕。不包括专门用于乡镇、村、组办工业、基本建设、非农业运输、科学试验和教学等非农业生产方面用的动力机械与作业机械。

Explanatory Notes on Main Statistical Indicators

Gross Output Value of Agriculture, Forestry, Animal Husbandry and Fishery refers to the total value of products 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. Prior to 1957, China's gross agricultural output value included barnyard manure and handicraft products for self-consumption (clothes, shoes, stockings, and initial grain processing undertaken by peasants). Since 1958, cutting and felling of bamboo and trees by villages and other cooperative organizations under villages have been included in forestry; value of barnyard manure has been excluded from animal husbandry; self consumed handicrafts have not been included from sideline occupations, while the output value of industries run by villages and cooperative organizations under village has been included in sideline occupations; and the output value of fish catches by motor fishing boats has been added to fishery. Since 1980, the value of handicraft products made for sale by individuals in households has been added to sideline occupations. Since 1984, industries run by villages and under villages have been included in the sector of industry. 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, value of services to agriculture, forestry, animal husbandry and fishery is included in the gross output value of agriculture, value of wood felling and transport is included in forestry, value of industrial output by rural households is not included in agriculture. The First Agriculture Census of China revealed some discrepancy between the production of animal products from the annual reports and that from the census. According to the result of the First Agriculture census, efforts were made to adjust the annual reports of animal husbandry output and the output value of animal husbandry to make the figures from the annual reports consistent with the census data. "The Classification of Products for Statistical Purposes" implemented in 2010 made relevant revision on the output value of agriculture and forestry in 2009.

Gross output value of agriculture 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 services in support to those industries is then equal to the gross output value of agriculture.

Grain Output refers to the total output of grains produced by agricultural producers within a calendar year. It includes summer grain, early rice and autumn grain if classified by harvest seasons; it covers cereal, tubers and beans if classified by type of crops. Output of cereal should be limited to 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 into that of grain at the ratio 4:1, i.e. 4 kilograms of fresh tubers were equivalent to 1 kilogram of grain up to 1963. Since 1964 the ratio for conversion has been 5:1. Tubers supplied 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 autumn. 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 aquatic product and statistical agencies level by level. Before 1995, among the shellfish, oyster was counted as fresh meat; 5 kilograms of ark shell, clams and frogs are equivalent to 1 kilogram of fresh aquatic products; they have all been counted as fresh aquatic products since 1996.

Output of Pork, Beef, and Mutton refers to the meat of slaughtered hogs, cattle, sheep and goats with head, feet, and offal taken away.

Number of Livestock or Poultry in Stock at Beginning (or End) refers to the total number of large animals, pigs, sheep, fowls, etc. raised by rural cooperative organizations, state farms, rural individuals, government agencies, schools, industrial and mining enterprises, army, and urban residents at the beginning (or end) of the reference period.

Regularly Cultivated Land refers to farmland among the total land resources which is exclusively used for farming and is under regular cultivation with harvest in normal years. Included are currently cultivated land, land that has been abandoned or put in idle for less than 3 years and could be re-used for cultivation at any time, and new-claimed land that has been put into cultivation for more than 3 years. Excluded under this category are steep slope land over 25 degrees under temporary cultivation, land (large or small plots) that is claimed along river bends, lake sides or banks of reservoirs, as well as land that has been designated under the "Green for Grain" programs of the state and provincial governments but is still temporarily under cultivation.

Sown Area of Crops refers to area of land sown or transplanted with crops regardless of being in cultivated area or non cultivated area. Area of land re-sown due to natural disasters is also included.

Irrigated Area refers to areas that are effectively irrigated, i.e. level land, which has water source and complete sets of irrigation facilities to lift and move adequate water for irrigation purpose under normal conditions.

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 required in calculation to convert the gross weight into weight containing 100% effective component (e.g. 100% nitrogen content in nitrogenous fertilizer, 100% phosphorous-pent oxide contents in phosphate fertilizer, 100% potassium oxide contents in potash fertilizer). Compound fertilizer is converted with its major component.

Total Power of Farm Machinery refers to total mechanical power of machinery used in farming, forestry, animal husbandry, and fishery, including equipment of ploughing, irrigation and drainage, harvesting, transport, plant protection, stock breeding, forestry and fishery. The power of internal combustion engines is required to convert horsepower into watts and the power of electric motors is required to be converted into watts. Machinery employed for non agricultural purposes, such as the machines used in township run and village-run industry, construction, non agricultural transport, scientific experiments and teaching, is excluded.