湖南统计年鉴

2018 HUNAN STATISTICAL YEARBOOK

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12

农　业

Agriculture

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12-1 农林牧渔业总产值和指数

Gross Output Value and Indices of Farming,Forestry, Animal Husbandry and Fishery

年份 Year	农林牧渔总产值(亿元) Gross Output Value of Farming, Forestry, Animal Husbandry (100 million yuan)					指数(1952=100) Indices of Gross Output Value of Farming, Animal Husbandry (1952=100)				
	总产值 Total	"农业 Farming	"林业 Forestry	"牧业 Animal Husbandry	"渔业 Fishery	总指数 Total	"农业 Farming	"林业 Forestry	"牧业 Animal Husbandry	"渔业 Fishery
1949	15.84	12.05	0.24	1.42	0.03	59.6	64.4	51.1	45.7	42.9
1950	19.18	14.09	0.30	1.70	0.04	72.2	75.3	63.8	54.7	57.1
1951	21.91	15.66	0.36	2.37	0.04	82.5	83.7	76.6	76.2	57.1
1952	26.57	18.72	0.47	3.11	0.07	100.0	100.0	100.0	100.0	100.0
1953	26.59	18.70	0.37	2.97	0.10	100.1	99.9	78.7	95.5	142.9
1954	24.39	16.59	0.37	2.76	0.10	91.8	88.6	78.7	88.7	142.9
1955	28.89	19.99	0.57	2.36	0.12	108.7	106.8	121.3	75.9	171.4
1956	28.15	18.78	0.84	2.83	0.11	105.9	100.3	178.7	91.0	157.1
1957	35.04	21.14	1.20	5.39	0.28	127.2	112.9	255.3	173.3	400.0
1958	33.25	23.38	2.58	4.30	0.60	132.4	122.8	411.7	108.6	774.2
1959	30.55	21.96	2.62	3.14	0.70	121.7	115.3	418.1	79.3	903.2
1960	25.89	18.98	2.34	1.85	0.48	103.1	99.7	373.4	46.7	619.4
1961	21.95	16.63	1.00	1.56	0.26	87.4	87.3	159.6	39.4	335.5
1962	26.18	20.10	0.96	2.39	0.28	104.3	105.6	153.2	60.4	361.3
1963	24.65	18.09	1.03	3.25	0.31	98.2	95.0	164.4	82.1	400.0
1964	28.07	20.22	1.23	4.24	0.35	111.8	106.2	196.3	107.1	451.6
1965	29.31	21.07	1.31	4.42	0.40	116.7	110.7	209.0	111.7	516.1
1966	32.74	24.29	1.39	4.55	0.45	130.4	127.6	221.8	115.0	580.6
1967	34.40	25.41	1.55	4.89	0.46	137.0	133.5	247.8	123.5	593.5
1968	36.99	27.05	1.80	5.52	0.45	147.3	142.1	287.2	139.5	580.6
1969	36.21	26.48	1.85	5.36	0.34	144.2	139.1	295.2	135.4	438.7
1970	38.03	27.94	1.63	5.85	0.39	151.4	146.8	260.1	147.8	503.2
1971	58.77	43.42	2.72	9.18	0.53	151.3	150.5	295.2	151.1	541.9
1972	62.67	44.88	2.82	11.54	0.45	161.4	155.5	306.1	189.9	460.1
1973	67.86	50.48	2.77	10.93	0.57	174.7	175.0	300.6	179.9	582.8
1974	69.29	51.64	3.21	11.22	0.62	178.4	179.0	348.4	184.7	634.0
1975	72.45	54.41	2.86	11.64	0.64	186.5	188.6	310.4	191.6	654.4
1976	72.72	55.12	2.45	11.77	0.65	187.2	191.0	265.9	193.7	664.6
1977	73.81	55.40	2.98	11.95	0.68	190.0	192.0	323.4	196.7	695.3

注：本表绝对数按当年价格计算，指数按可比价格计算。

Absolute figures in this table are calculated at current prices while indices are calculated at comparable prices.

12-1 续表 continued

年份 Year	农林牧渔总产值（亿元） Gross Output Value of Farming, Forestry, Animal Husbandry (100 million yuan)					指数 (1952=100) Indices of Gross Output Value of Farming, Animal Husbandry (1952=100)				
	总产值 Total	"农业 Farming	"林业 Forestry	"牧业 Animal Husbandry	"渔业 Fishery	总指数 Total	"农业 Farming	"林业 Forestry	"牧业 Animal Husbandry	"渔业 Fishery
1978	81.37	62.72	3.12	12.55	0.70	209.5	217.4	338.6	206.5	715.8
1979	86.51	65.47	3.13	14.27	0.77	222.7	226.9	339.7	234.8	787.3
1980	116.34	81.13	7.31	21.87	1.94	218.4	218.2	391.8	236.3	961.2
1981	123.38	86.05	6.70	23.32	2.18	231.6	231.4	359.1	252.0	1080.1
1982	135.90	95.95	6.45	26.26	2.46	255.1	258.1	345.7	283.8	1218.8
1983	142.70	100.60	6.43	27.87	2.88	267.9	270.6	344.6	301.2	1426.9
1984	150.80	102.32	7.02	32.16	3.37	283.1	275.2	376.3	347.5	1669.7
1985	158.22	101.84	7.25	34.87	3.89	297.0	273.9	388.6	376.8	1927.3
1986	166.83	106.01	6.35	38.42	4.64	313.2	285.1	340.4	415.2	2298.9
1987	172.32	108.48	6.90	38.62	5.42	323.5	291.8	369.8	417.3	2685.3
1988	173.19	103.09	6.74	42.02	5.69	325.2	277.3	361.3	454.1	2819.1
1989	182.09	109.68	7.75	44.18	6.28	341.8	295.0	415.5	477.3	3112.3
1990	430.21	241.32	22.00	120.40	22.13	348.3	296.0	404.7	493.5	3205.7
1991	451.69	249.79	28.22	126.62	22.20	361.8	306.4	434.2	519.2	3215.3
1992	468.73	250.39	31.55	135.67	24.90	375.5	307.0	485.4	556.1	3614.0
1993	493.63	258.70	31.26	147.51	28.59	395.4	317.1	481.0	604.5	4141.6
1994	532.16	266.43	32.92	169.22	32.70	426.2	326.6	506.5	693.4	4738.0
1995	578.73	277.43	33.66	195.25	39.71	463.7	340.3	518.1	800.2	5751.9
1996	627.16	283.37	34.74	224.61	47.91	502.7	347.4	534.7	920.2	6936.8
1997	679.20	306.80	35.26	245.35	52.89	544.4	376.2	542.7	1004.9	7658.2
1998	686.21	297.81	36.12	255.34	56.67	552.6	365.3	555.7	1046.1	8201.9
1999	1200.94	624.70	48.20	458.62	69.42	571.4	383.6	586.3	1048.2	8841.6
2000	1251.89	633.84	51.01	486.13	80.91	596.0	395.8	611.5	1089.1	9858.4
2001	1313.23	665.70	51.88	510.42	85.23	619.6	409.7	630.7	1136.3	10400.7
2002	1349.92	666.65	54.78	538.64	89.85	636.3	410.6	659.5	1194.3	11014.3
2003	1452.96	671.66	81.73	575.08	96.97	659.9	421.6	685.9	1243.3	11818.3
2004	1913.31	874.00	91.31	796.95	119.92	709.4	461.7	734.0	1310.4	12657.4
2005	2056.24	947.70	100.90	834.50	138.40	750.5	482.5	805.9	1393.0	13872.5
2006	1991.81	1040.85	112.45	657.92	130.42	787.3	509.0	855.1	1440.3	14996.2
2007	2584.00	1210.06	144.12	1000.84	152.99	819.1	530.1	924.4	1477.8	15866.0
2008	3204.11	1370.88	155.44	1426.18	165.83	862.8	541.3	964.1	1610.8	16659.3
2009	3035.20	1472.53	174.18	1058.66	182.35	907.3	573.2	1007.5	1681.6	17542.3
2010	3518.10	1848.89	207.43	1062.04	222.58	946.3	597.8	1077.0	1738.8	18501.3
2011	4111.04	2089.89	239.11	1336.67	241.26	986.6	639.1	1151.3	1731.8	18566.1
2012	4390.34	2255.43	259.97	1377.85	261.89	1016.7	647.0	1208.9	1813.2	19587.2
2013	4432.69	2257.55	287.67	1340.83	286.70	1044.5	665.1	1281.4	1825.8	20821.2
2014	4577.08	2324.78	304.81	1356.00	310.03	1093.5	692.8	1356.1	1911.4	21976.6
2015	4682.31	2325.93	317.38	1408.13	328.34	1133.8	723.3	1466.7	1903.6	23537.0
2016	5057.52	2485.49	321.60	1549.59	354.95	1174.5	751.0	1587.8	1913.1	25046.7
2017	5213.48	2597.63	325.01	1505.78	393.06	1221.8	773.6	1731.5	1970.7	26655.9

注：本表绝对数按当年价格计算，指数按可比价格计算。2006-2017年数据按照农业普查结果进行了修正。

Absolute figures in this table are calculated at current prices while indices are calculated at comparable prices.Data for 2006-2017 are revised based on the results of the agricultural census.

12-2 农业基本情况

Basic Indicators of Agriculture

年份 Year	农林牧渔业劳动力（万人） Number of Laborers (10 000 persons)	年末实有耕地面积（万公顷） Cultivated Areas (yearend) (10 000 hectares)	当年减少耕地面积（万公顷） Decrease in Cultivated Area by Cause (10 000 hectares)	农作物播种面积（万公顷） Total Sown Areas (10 000 hectares)	*粮食作物 Grain Corps	造林面积（万公顷） Afforesta-tion Areas (10 000 hectares)
1978				844.58	582.94	
1979				833.44	570.42	
1980				790.95	545.13	
1981				800.94	542.01	
1982				796.95	540.34	
1983				774.62	542.32	
1984				763.92	539.09	
1985	1908.43	334.17		747.71	516.14	34.40
1986				753.65	521.04	37.73
1987				747.47	515.10	32.91
1988				749.62	519.63	32.17
1989				774.88	533.05	33.99
1990	2133.07	331.23	1.16	795.18	536.56	37.59
1991				804.02	536.52	37.17
1992				796.08	524.36	37.75
1993				765.39	505.05	27.83
1994				773.05	507.74	13.44
1995	2114.71	324.97	1.83	784.04	511.56	10.95
1996				792.74	513.39	5.29
1997	2074.12	323.01	1.66	800.90	515.53	4.29
1998	2074.51	321.87	1.64	793.63	507.48	2.86
1999	2074.13	321.32	1.30	802.77	513.52	2.74
2000	2065.92	392.16	1.18	800.21	502.99	5.15
2001	2058.67	391.26	1.73	793.17	480.28	7.56
2002	2019.60	389.10	2.80	777.92	465.26	10.09
2003	1997.67	383.37	6.46	773.12	452.98	40.96
2004	1975.89	381.65	2.60	818.87	475.41	33.38
2005	1951.90	381.60	0.70	833.64	483.86	13.65
2006		378.76	3.88	853.19	454.54	13.45
2007	1890.17	378.90	0.61	739.70	453.97	7.62
2008	1877.91	378.94	0.61	761.35	460.71	8.04
2009	1867.33	413.50	0.75	785.22	482.72	12.50
2010	1861.85	413.75	0.97	805.80	484.78	21.34
2011	1793.64	413.77	0.91	817.81	493.22	40.24
2012	1857.39	414.62	0.72	829.96	497.53	40.42
2013	1832.65	414.97	0.99	835.27	501.00	34.98
2014	1808.33	415.32		839.86	506.56	39.19
2015	1762.31	415.35	0.37	835.52	505.37	37.60
2016	1696.81	414.88	0.85	829.20	501.07	33.66
2017	1686.30	415.10	0.84	827.01	497.89	55.41

注：从2000年起，耕地面积为省国土资源厅统计数据（下表同）。

The data of cultivated Areas from Hunan Province Territory Resource Bureau since 2000.The same as in the following table.

12-3 农村基层组织
Grassroots Units of Rural Areas

指 标	Item		2000	2005	2016	2017
农村基层组织	**Grassroots Units of Rural Areas**					
*乡(镇)个数 (个)	Number of Township (Town Governments)	(unit)	2353	2220	1536	1532
*乡个数	Number of Township		1314	1127	318	315
*民族乡	Number of National Township		104	107	83	83
镇个数	Number of Town Governments		1039	1093	1135	1134
村(居)民委员会个数	Number of Villagers(Residential) Committees		5.01	4.74	2.81	2.78
(万个)		(10 000 units)				
*村民委员会 (万个)	Number of Villagers Committees	(10 000 units)	4.75	4.45	2.4	2.4
农村社会基础设施	**Country Society Basic Establishment**					
*自来水受益村数 (万个)	Villages Tap Water Benefited	(10 000 units)	1.17	1.51	1.83	1.93
通汽车村数 (万个)	Villages Car Available	(10 000 units)	4.41	4.21	2.44	2.47
通电话村数 (万个)	Villages Telephone Available	(10 000 units)	4.05	4.28	2.44	2.47

12-4 农林牧渔业增加值 (2017年)
Added-Value of Farming, Forestry, Animal Husbandry and Fishery (2017)

单位：万元 (10 000 yuan)

指 标	Item	总产值 Gross Output Value	中间消耗 Material Consumption	中间物质消耗 Middle Material Consumption	中间非物质部门劳务支出 Middle Nonmaterial Department Service Payout
总计	**Total**	52134774	20482019	17311436	3170583
农业	Farming	25976301	7831100	6923121	907980
林业	Forestry	3250141	837996	696630	141367
牧业	Animal Husbandry	15057839	8185767	7800312	385455
渔业	Fishery	3930644	1376104	1235393	140711
服务业	Services	3919850	2251051	655981	1595070

12-5 耕地面积
Cultivated Areas

单位：千公顷 (1 000 hectares)

指 标	Item	2000	2005	2016	2017
年初实有耕地总资源	Actual Cultivated Land Total Resources at The Year Beginning	3926.52	3816.47	4150.20	4148.77
年内增加耕地总资源	Increased Cultivated Land Total resources This Year	6.85	6.50	7.10	10.69
年内减少耕地总资源	Decrease in Cultivated Land Total resources This Year	11.77	6.99	8.54	8.45
年末实有耕地总资源	Actual Cultivated Land Total Resources at The Year End	3921.60	3815.98	4148.76	4151.01

12-6 农业生产条件
Condition of Agricultural Production

年份 Year	农业机械总动力（万千瓦） Total Power of Agricultural Machinery (10 000 kw)	有效灌溉面积（千公顷） Effective Irrigated Area (1000 hectares)	化肥施用量（万吨） Consumption of Chemical Fertilizers (10 000 tons)	农村用电量（亿千瓦小时） Electricity Consumed in Rural Areas (100 million kwh)	每公顷面积产量（公斤） Yield per hectare (kg)		
					粮食 Grain Crops	棉花 Cotton	油料 Oil-bearing Crops
1949	0.11	1199.21					
1950	0.10	1289.93					
1951	0.20	1360.65					
1952	0.33	1538.27	0.20				
1953	0.38	1586.24	0.10				
1954	0.43	1630.03	0.97				
1955	0.76	1666.75	2.40				
1956	1.95	1716.85	4.95				
1957	2.45	1777.03	5.18				
1958	7.44	1849.99	11.25				
1959	14.58	1716.96	12.84				
1960	22.43	1935.57	15.85				
1961	24.60	1957.07	9.36				
1962	26.57	1984.41	12.35				
1963	29.06	2019.75	23.91	0.50			
1964	33.91	2084.79	32.75	0.46			
1965	42.89	2163.53	53.15	0.91			
1966	54.47	2202.64	90.17	1.41			
1967	55.66	2262.00	86.20	1.58			
1968	63.93	2286.15	75.19	1.78			
1969	72.95	2307.52	101.41	2.00			
1970	89.50	2343.68	121.71	4.81			
1971	106.68	2377.67	130.29	3.27			
1972	132.77	2430.93	167.99	4.68			
1973	153.42	2483.15	198.07	4.14			
1974	186.16	2503.94	177.56	6.46			
1975	233.18	2583.35	193.84	6.82			
1976	283.42	2617.13	194.25	6.96			
1977	349.56	2657.09	202.95	7.36			

注：化肥施用量1989年及以前均为实物量，1990年及以后为折纯量。
Data of consumption of fertilizers refer to the consumption in quantity prior to 1989, and the consumption in purity in and after 1990.

12-6 续表 continued

年份 Year	农业机械总动力（万千瓦） Total Power of Agricultural Machinery (10 000 kw)	有效灌溉面积（千公顷） Effective Irrigated Area (1000 hectares)	化肥施用量（万吨） Consumption of Chemical Fertilizers (10 000 tons)	农村用电量（亿千瓦小时） Electricity Consumed in Rural Areas (100 million kwh)	每公顷面积产量（公斤） Yield per hectare (kg)		
					粮食 Grain Crops	棉花 Cotton	油料 Oil-bearing Crops
1978	428.64	2691.34	271.90	8.78			
1979	507.67	2730.43	325.23	9.26			
1980	588.99	2743.73	361.04	9.67			
1981	659.74	2753.03	371.20	11.20			
1982	704.94	2759.67	396.38	12.64			
1983	785.57	2773.45	421.54	13.81			
1984	805.43	2775.57	354.21	14.45			
1985	892.02	2771.18	369.64	15.06	4875	990	1005
1986	1059.37	2771.75	432.12	18.05			
1987	1053.56	2665.33	457.77	17.98			
1988	1112.91	2670.29	490.07	20.35			
1989	1168.74	2674.20	517.88	21.86			
1990	1209.17	2676.22	126.09	23.37	5025	1020	990
1991	1270.52	2612.70	138.66	25.77			
1992	1284.37	2664.98	146.18	27.71			
1993	1374.35	2676.11	148.15	30.44			
1994	1459.07	2675.09	159.41	33.04			
1995	1532.54	2680.03	167.91	37.64	5380	1206	1258
1996	1616.29	2667.07	167.08	38.91			
1997	1692.84	2672.38	175.30	41.68	5581	1448	1352
1998	1825.57	2675.14	179.93	42.01	5553	969	1323
1999	2006.97	2665.40	180.87	42.97	5632	1121	1391
2000	2209.74	2677.46	182.15	44.53	5716	1173	1490
2001	2358.02	2676.35	184.25	46.73	5622	1271	1505
2002	2498.09	2675.61	184.32	49.83	5376	1291	1334
2003	2664.45	2675.34	188.33	53.84	5393	1173	1449
2004	2923.93	2683.28	203.19	57.53	5530	1437	1591
2005	3189.86	2690.41	209.90	65.24	5477	1395	1569
2006	3416.61	2696.93	212.14	75.99	5478	1528	1628
2007	3684.43	2702.88	219.58	76.38	5944	1538	1598
2008	4021.14	2709.20	223.38	81.46	6126	1354	1267
2009	4352.64	2720.68	231.60	93.55	6067	1401	1555
2010	4651.55	2726.66	236.57	98.63	5944	1389	1432
2011	4935.59	2762.41	242.49	106.03	6049	1381	1635
2012	5189.24	3070.84	249.11	110.23	6154	1421	1510
2013	5435.93	2768.12	248.19	118.58	5967	1219	1582
2014	5680.34	3101.70	247.80	123.83	6078	1222	1628
2015	5894.05	3113.32	246.54	123.91	6123	1208	1701
2016	6097.54	3132.37	246.44	126.70	6092	1185	1702
2017	6254.83	3145.87	245.26	128.56	6173	1145	1724

注：化肥施用量1989年及以前均为实物量，1990年及以后为折纯量。

Data of consumption of fertilizers refer to the consumption in quantity prior to 1989, and the consumption in purity in and after 1990.

12-7 农林牧渔业分项产值

Gross Output Value of Farming, Forestry, Animal Husbandry and Fishery by Branch

单位：万元 (10 000 yuan)

指 标	Item	2016	2017
农林牧渔业合计	**Tatol**	**50575225**	**52134774**
农业产值	**Output Value of Farming**	**24854895**	**25976301**
谷物及其他作物	Cereal and Other Crops	10554689	10868562
谷物	Cereal	8142172	8227941
*小麦	*Wheat	21420	22005
稻谷	Rice	7549453	7621031
玉米	Corn	508397	521923
薯类	Tubers	205175	222496
油料	Oil-bearing Crops	1323878	1499922
*花生	*Peanuts	175573	180441
油菜籽	Rapeseeds	1099214	1240723
豆类	Beans	211558	230062
*大豆	*Soja	160535	172555
棉花	Cotton	71434	71175
生麻	Fiber Crops	3601	3672
糖料	Sugar Crops	37032	39447
烟草	Tobacco	493519	491468
其他农作物	Other Crops	66320	82380
蔬菜、食用菌及花卉盆景园艺产品	Vegetables and Gradening Plantations	9565185	10034041
蔬菜(含菜用瓜)	Vegetables	9143521	9595430
食用菌	Mushroom	160129	171659
花卉	Flowers	28905	27321
盆景园艺	Plants	232631	239630
水果、坚果、饮料和香料作物	Fruits,Nuts and Crops of Beverage&Perfumery	3581680	3775900
水果、坚果(含果用瓜)	Fruits and Nuts	2473671	2594198
茶及其他饮料	Tea and Other Beverage	1033915	1104545
*茶	*Tea	1033915	1104545
中药材	Medicinal Materials	1153341	1297798
林业产值	**Output Value of Forestry**	**3215974**	**3250141**
林木的培育和种植	Forest Planting and Cultivating	1274978	1287636
育种育苗	Grow Seedlings and Seed Cultivation	835730	1009169
造林	Cultivate Forest	74594	75183
抚育和管理	Cultivation and Management	322215	160455
竹木采运	Bamboo Cutting and Transportation	573053	588602
林产品	Forest Products	1367943	1373903
牧业产值	**Output Value of Animal Husbandry**	**15495909**	**15057839**
牲畜饲养	Livestock Rasing	1089570	1138857
牛的饲养	Cattle Raising	579842	623581
羊的饲养	Sleeps and Goats Raising	480246	485232
其他牲畜饲养	Other Livestock Raising	980	980
奶产品	Milk Products	28496	29059
毛绒产品	Wool Products	6	5
猪的饲养	Hogs Rasing	11082980	10672926
家禽饲养	Poultry Rasing	3044253	2963775
肉禽	Poultry for Meat	1367453	1271295
禽蛋	Poultry Egges	1676800	1692480
狩猎和捕捉动物	Hunting and Catching of Wild Animals	80594	80594
其他畜牧业	Other Animal Husbandry	198512	201687
渔业产值	**Output Value of Fishing**	**3549474**	**3930644**
*养殖	*Cultivation	3085413	3168171
鱼类	Fish	3014261	3239161
虾蟹类	Shrimps,Prawns and Crabs	356848	545083
贝类	Shell-fish	31972	30582
其他	Others	146393	115819
农林牧渔服务业产值	**Output Value of Services**	**3458974**	**3919850**

12-8 农业机械年末拥有量

Year-End Possession of Agriculture Machinery

指 标		Item		2000	2005	2016	2017
农业机械总动力合计	(千瓦)	Total Power of Agricultural Machinery	(kw)	22097435	31898640	60975419	62548327
柴油发动机	(千瓦)	Diesel Engines	(kw)	15719714	24066482	46270082	47295987
汽油发动机	(千瓦)	Gasoline Engines	(kw)	2310250	2469999	3637258	3821541
电动机	(千瓦)	Electric motor	(kw)	3959172	5231169	10749252	11093036
其他机械	(千瓦)	Other Machinery	(kw)	108299	130990	318826	337762
机械分类		Machinery by Tybe					
大中型拖拉机	(混合台)	Large and Medium Tractors	(mixed unit)	15149	54751	135658	141030
	(千瓦)		(kw)	381244	1555796	4342075	4628652
*轮式拖拉机	(混合台)	*Wheeled Tractors	(mixed unit)	5012	16244	98875	100433
	(千瓦)		(kw)	122689	496317	2947504	3079184
小型及手扶拖拉机	(混合台)	Mini and Walking Tractors	(mixed unit)	209271	168738	254894	290248
	(千瓦)		(kw)	1916099	1694959	2699998	2830595
耕整机	(台)	Tillage Machinery	(unit)	536557	738968	1942652	2000665
	(千瓦)		(kw)		2632278	7670514	7909164
机耕船	(艘)	Wet-field Tractors	(unit)	40778	99197	129028	129196
	(千瓦)		(kw)		373023	647865	649200
大中型拖拉机配套农具	(部)	Farm Tools for Large and Medium Tractors	(unit)	6428	6722	63556	70449
小型拖拉机配套农具	(部)	Necessary Farm Tools for Mini Tractors	(unit)	63865	38892	123622	125141
农用排灌动力机械	(台)	Motor Machinery for Drainage&Irrigation	(unit)	1158134	1526405	2540992	2537615
	(千瓦)		(kw)	5664559	6985340	11002238	11064243
*柴油机	(台)	*Diesel Engines	(unit)	742261	968017	1351864	1347961
	(千瓦)		(kw)	3508951	4438499	6653622	6657945
电动机	(台)	Electric Motors	(unit)	404862	540617	1147419	1134724
	(千瓦)		(kw)	2116140	2475671	4051217	4091210
*农用水泵	(台)	*Pumps	(unit)	1208900	1588618	2335132	2276729
联合收获机	(台)	Machinery for Combine Harvesters	(unit)	3049	21412	125518	128408
	(千瓦)		(kw)	43837	599077	4413206	4606124
增氧机	(台)	Machinery for Pond Oxygen Increase	(unit)		21471	99973	111814
农产品初加工动力机械	(千瓦)	Motorized Machinery for Products Processing	(kw)	3525247	4687003	7678692	7630266
*柴油机动力	(千瓦)	*Diesel Engines Power	(kw)	2006630	2564560	3696443	3619295
推土机	(台)	Bulldozers	(unit)	3688	5517	20163	
	(千瓦)		(kw)	216591	365800	1275270	

12-9 农作物生产情况 (2017年)

Basic Indicators of Farm Corp Production (2017)

指 标	Item	播种面积（千公顷） Sown Area (1 000 hectares)	单 产（公斤／公顷） Per Unit Area Yield (kg/hectare)	总产量（吨） Total Output (ton)
农作物总播种面积	**Total Sown Area**	**8270**		
粮食作物	**Grain Crops**	**4979**	**6173**	**30736000**
*谷物	*Cereal	4651	6354	29551500
*稻谷	*Rice	4239	6465	27403500
*早稻	*Early Season Rice	1448	5845	8465000
中稻与一季晚稻	Middle Season Rice and Late Rice of One-season	1291	7222	9325500
晚稻	Late Season Rice	1499	6412	9613000
小麦	Wheat	28	3391	96100
玉米	Corn	366	5445	1991700
高粱	Sorghum	6.3	3889	24500
其他谷物	Other Cereal	11	4798	54700
*大麦	*Barley	1	3929	5500
豆类	Soybeans	141	2268	319800
*大豆	*Beans	100	2328	232100
杂豆	Mixed Beans	41	2123	87700
*绿豆	*Mung Beans	11	2028	21700
薯类（按折粮薯类计算）	Tubers(Converted into Grain)	187	4615	864700
*红薯	*Sweet Potatoes	112	4918	551700
马铃薯	Potatoes	75	4162	313000
油料	**Oil-bearing Crops**	**1312**	**1724**	**2260783**
*花生果	*Peanuts	106	2600	275925
油菜籽	Rapeseeds	1189	1646	1956971
芝麻	Sesame	10	1367	14332
向日葵	Sunflower	1	1025	1300
其他油料	Other Oil-bearing Crops	5	2550	12255
棉花	**Cotton**	**96**	**1145**	**109500**
麻类	**Fiber Crops**	**2**	**2596**	**4162**
*黄、红麻	*Jute and Ambary Hemp		2645	182
苎麻	Ramie	2	2579	3880
甘蔗	**Sugarcane**	**7**	**45995**	**332317**
烟叶	**Tobacco**	**95**	**2195**	**208201**
*烤烟	*Flue-cured Tobacco	93	2198	204582
晒（土）烟	Sun-cured Tobacco	2	2068	3620
药材	**Medicinal Herbs**	**74**	**6937**	**511157**
蔬菜瓜类	**Vegetables and Melons**	**1348**	**29987**	**40415877**
*蔬菜（包括菜用瓜）	*Vegetables(include Snake Melons)	1219	30112	36716224
果用瓜	Fruit Melons	128	28796	3699652
其他作物：	**Other Crops**	**359**		
*青饲料	*Succulence	142		
绿肥	Green Manure			

12-10 粮食、棉花播种面积
Sown Area of Grain Crops and cotton

单位：1000 公顷 (1000 hectares)

年份 Year	粮食 Grain Crops	稻谷 Rice	早稻 Early Rice	中稻 Medium Rice	晚稻 Late Rice	棉花 cotton
1983	5423.2	4418.9	1895.0	509.7	2014.2	131.3
1984	5390.9	4401.1	1885.4	507.0	2008.7	132.6
1985	5161.4	4246.5	1825.1	495.0	1926.4	101.8
1986	5210.4	4327.6	1838.3	499.4	1989.9	86.1
1987	5150.9	4255.1	1779.5	508.4	1967.2	64.4
1988	5196.3	4293.7	1803.9	505.7	1984.1	91.4
1989	5330.5	4354.1	1827.8	497.8	2028.5	94.4
1990	5365.7	4370.5	1844.1	484.3	2042.1	118.5
1991	5365.2	4298.1	1813.3	512.0	1972.8	133.3
1992	5243.6	4188.0	1741.0	477.5	1969.5	167.6
1993	5050.5	4025.9	1618.0	516.9	1891.0	172.1
1994	5077.4	4040.7	1633.8	525.1	1881.8	209.1
1995	5115.6	4084.1	1675.6	510.2	1898.3	185.3
1996	5133.9	4064.1	1669.3	513.7	1881.1	174.1
1997	5155.3	4075.8	1651.2	515.0	1909.6	176.5
1998	5074.8	3976.4	1610.1	538.1	1828.2	198.7
1999	5135.2	3984.5	1571.1	585.4	1828.0	157.8
2000	5029.9	3896.1	1515.8	632.1	1748.2	146.0
2001	4802.8	3691.6	1361.1	707.4	1623.1	149.4
2002	4652.6	3541.5	1224.5	812.5	1504.5	129.1
2003	4529.8	3410.0	1173.3	834.5	1402.1	139.0
2004	4754.1	3716.8	1288.3	1061.8	1366.7	167.7
2005	4838.6	3795.2	1324.4	1068.6	1402.2	150.9
2006	4545.4	3931.7	1355.9	1156.3	1419.5	158.6
2007	4539.7	3915.1	1303.6	1232.1	1379.5	172.2
2008	4607.1	3968.3	1306.6	1258.3	1403.4	162.0
2009	4827.2	4103.4	1399.8	1225.3	1478.3	148.8
2010	4847.8	4105.2	1385.7	1251.2	1468.3	161.1
2011	4932.2	4160.8	1427.7	1245.6	1487.4	169.4
2012	4975.3	4209.6	1464.5	1216.5	1528.5	173.5
2013	5010.0	4218.5	1494.0	1210.1	1514.5	173.3
2014	5065.6	4275.0	1507.7	1217.6	1549.6	153.9
2015	5053.7	4287.8	1505.9	1228.3	1553.6	122.0
2016	5010.7	4277.6	1487.3	1263.0	1527.3	106.5
2017	4978.9	4238.7	1448.2	1291.3	1499.2	95.7

注：2004 年起为抽样调查数，2006、2007 年为农业普查口径修正数。

The number of sampling surveys since 2004, and the number of revised nongpu caliber in 2006 and 2007.

12-11 粮食、棉花产量

Output of Grain Crops and cotton

单位：万吨 (10 000 tons)

年份 Year	粮食 Grain Crops	稻谷 Rice	早稻 Early Rice	中稻 Medium Rice	晚稻 Late Rice	棉花 cotton
1983	2654.0	2458.1	1038.4	280.5	1139.2	9.8
1984	2613.0	2416.5	1069.0	280.8	1066.7	12.8
1985	2514.3	2338.8	991.7	247.3	1099.8	10.1
1986	2631.6	2464.4	1050.6	289.2	1124.6	8.3
1987	2593.7	2414.2	948.7	302.3	1163.2	5.6
1988	2519.8	2343.9	987.8	258.5	1097.6	4.4
1989	2648.2	2445.2	994.2	307.7	1143.3	6.7
1990	2651.4	2468.2	1033.5	302.4	1132.3	12.0
1991	2682.0	2473.3	957.5	314.1	1201.7	14.9
1992	2620.1	2423.1	916.1	305.0	1202.0	20.3
1993	2570.2	2343.5	825.7	324.8	1193.0	21.1
1994	2661.0	2414.9	903.5	350.6	1160.8	23.8
1995	2691.6	2438.5	854.7	336.8	1247.0	22.4
1996	2701.6	2418.6	854.6	344.2	1219.8	19.0
1997	2801.9	2495.8	945.2	359.6	1191.0	25.6
1998	2647.9	2345.1	830.6	357.1	1157.4	19.2
1999	2725.4	2360.6	817.5	404.4	1138.7	17.7
2000	2767.6	2392.5	877.6	436.1	1078.8	15.8
2001	2700.3	2328.9	783.2	478.4	1067.3	19.0
2002	2501.3	2119.2	627.8	590.8	900.6	15.3
2003	2442.7	2070.2	621.2	637.9	811.1	16.3
2004	2640.0	2285.5	716.4	720.0	849.1	20.3
2005	2678.6	2296.2	734.4	723.8	838.0	19.8
2006	2654.2	2414.5	747.6	782.0	884.9	22.7
2007	2698.5	2435.3	743.0	833.5	858.8	26.5
2008	2822.2	2551.3	774.1	890.9	886.3	21.9
2009	2928.8	2614.3	821.0	862.0	931.3	20.8
2010	2881.6	2551.8	779.5	867.1	905.2	22.4
2011	2983.6	2634.2	824.5	883.8	925.9	23.4
2012	3061.9	2704.3	841.6	881.4	981.3	24.7
2013	2989.5	2645.3	888.5	795.6	961.2	21.1
2014	3078.9	2732.7	886.8	847.1	998.8	18.8
2015	3094.2	2756.8	895.2	857.7	1003.9	14.7
2016	3052.3	2724.6	873.5	871.4	979.8	12.6
2017	3073.6	2740.4	846.5	932.6	961.3	11.0

注：粮食产量1988年起为抽样调查数，棉花产量1998年起为抽样调查数。2006、2007年为农业普查口径修正数。

Grain yield has been sampled since 1988, cotton production has been sampled since 1998. and the number of revised nongpu caliber in 2006 and 2007.

12-12 林产品产量 (2017年)
Output of Major Forestry Products (2017)

名称 Item			数量 Number	名称 Item			数量 Number
生漆	(吨) Lacquer	(ton)	1009	八角	(吨) Anise	(ton)	59
油桐籽	(吨) Tung-oil Seeds	(ton)	33347	白果	(吨) Ginkgo	(ton)	2160
油茶籽	(吨) Tea-oil Seeds	(ton)	1007523	杏仁	(吨) Almond	(ton)	250
乌桕籽	(吨) Tallow Tree Seeds	(ton)	616	桂皮	(吨) Cinnamon	(ton)	98
五倍子	(吨) Gall	(ton)	867	黄柏	(吨) Golden Cypress	(ton)	4392
棕片	(吨) Palm Leaf	(ton)	4818	杜仲	(吨) Gutta-percha	(ton)	110941
松脂	(吨) Pine Resin	(ton)	46986	小杂竹	(吨) Small Mixed Bamboo	(ton)	239338
竹笋干	(吨) Bamboo Shoots	(ton)	62041	楠竹尾	(吨) Tails of Phyllostachys Pubescens	(ton)	
核桃	(吨) Walnuts	(ton)	8073	竹木采伐量	Bamboo in Village and Lower Level		
板栗	(吨) Chestnuts	(ton)	103210	*木材采伐量(万方)	Woods Cuts	(10 000 cu.m)	377.17
紫胶	(吨) Shellacs	(ton)		竹 (万根)	Bamboo	(10 000 roots)	16257.52
山茱萸	(吨) Fructus Litseae	(ton)	77	*毛竹 (万根)	Phyllostachys Pubescens	(10 000 roots)	15811.80
食用菌	(吨) Edible Fungus	(ton)	36740				
花椒	(吨) Prickly Ashes	(ton)	657				

12-13 茶叶、水果生产情况 (2017年)
Output of Tea and Fruit (2017)

单位：吨 (ton)

名称 Item		数量 Number	名称 Item		数量 Number
茶叶产量	**Output of Tea**	**197133**	**水果产量**	**Output of Fruits**	**9563859**
绿茶	Green Tea	88483	柑桔	Citrus	5009023
青茶	Green tea	2449	桃子	Peaches	150456
红茶	Red tea	21198	梨	Pears	166466
黑茶	Black tea	78795	葡萄	Grapes	176231
黄茶	Yellow tea	63	红枣	Red Chinese Dates	31949
白茶	White tea	191	柿子	Fresh Persimmons	22048
其他茶	Other Tea	5954	其他水果	Other Fruits	308033

注：从2013年起，水果产量统计包括瓜果和园林水果。
From 2013, the output of fruit included melon fruits and garden fruits.

12-14 林业情况
Basic Indicators of Forestry

单位：万公顷 (10 000 hectares)

指 标	Item	2000	2005	2016	2017
当年造林面积总计	**Total Afforestation Areas of the Current Year**	5.15	13.65	88.13	55.41
*竹林	Bamboo Forest	0.22	0.30	0.13	0.02
按主要林种用途分	**By the Use of Main Forestry**				
用材林	Timber Forest	2.22	3.02	14.76	9.22
经济林	Economic Forest	1.21	1.02	4.46	4.57
防护林	Shelter-forest	1.71	9.51	14.20	4.76
薪炭林	Charcoal Forest			0.34	0.03
特种用途林	Special Use Forest	0.01	0.10	0.09	0.03
封山育林面积	Close Hillsides to Facilitate Afforestation Areas	12.18	94.99	123.28	131.64
零星(四旁)植树 (万株)	Oddly (all around) Tree Planting (10 000 roots)	27187	13009	10590	9016
林木种子采集量 (吨)	Forestry Seed Collection (ton)	678	755	132	105
育苗面积	Grow Seedlings Areas	0.29	1.61	0.64	0.66
*本年新育面积	New Grow Seedlings Areas of the Current Year	0.18	0.49		
未成林抚育作业面积	Operative Areas of Young Growth Fostering	27.43	86.85		
中幼林抚育面积	Areas of Middle and Young Growth Fostering	30.18	22.03	37.54	46.69
低产林改造面积	Low Yield Timber Remaking Areas	21.95	5.20	11.71	10.12

12-15 畜牧业年末存栏情况 (2017年)
Year-end Animals in Stock (2017)

项 目	Item	合计 Total	能繁母畜 Breeding Dams
大牲畜总头数 (头)	Number of Large Animals (head)	3810261	
*从事劳役的 (头)	Draught Animals (head)		
牛 (头)	Cattle and Buffaloes (head)	3793742	
役用牛	Draught Animals	776742	
肉牛	Beef Cattle	2960000	
乳牛	Dairy Cattle	57000	
马 (匹)	Horses (head)	14141	
驴 (匹)	Donkeys (head)	1288	
骡 (匹)	Mules (head)	1090	
生猪 (万头)	Hogs (10 000 heads)	3968.10	396.00
羊 (万只)	Goats and Sheep (10 000 heads)	661.70	
山羊	Goats	661.70	
绵羊	Sheep		

12-16 畜禽出栏量

Amount over the slaughter of livestock and poultry

年份 Year	生猪（万头） live pig (10 000 heads)	牛（万头） cattle (10 000 heads)	羊（万头） sheep (10 000 heads)	禽（万只） birds (10 000 heads)
1983	1850.1	11.9	27.6	
1984	2128.9	10.1	28.8	
1985	2296.6	9.3	30.1	8458.6
1986	2471.8	9.9	28.5	9453.9
1987	2657.4	11.7	30.3	10255.8
1988	2813.7	15.3	32.6	10548.9
1989	2866.5	15.8	35.2	11384.5
1990	3092.1	16.3	35.3	11832.6
1991	3247.9	20.2	42.9	12607.1
1992	3536.3	26.5	50.1	14187.4
1993	3813.2	33.4	71.0	15872.9
1994	4372.6	43.5	101.5	18441.2
1995	5001.7	58.0	157.9	23198.2
1996	4387.5	87.0	319.1	28315.8
1997	5127.0	96.5	291.1	31458.2
1998	5467.3	109.0	331.3	35703.4
1999	5385.3	118.8	354.2	27967.5
2000	5491.3	128.1	397.1	30448.9
2001	5540.5	125.0	435.2	32672.0
2002	5653.1	146.8	526.0	35286.0
2003	5905.8	148.3	604.9	41497.0
2004	6088.7	154.6	662.1	42816.6
2005	6176.3	167.4	763.4	39209.8
2006	5126.9	121.7	638.9	32867.8
2007	4816.7	127.3	648.5	32802.0
2008	5153.1	130.0	655.0	34770.0
2009	5508.7	139.6	680.0	36880.0
2010	5723.5	144.5	656.2	38355.2
2011	5575.9	141.5	633.1	39264.2
2012	5878.8	146.6	638.2	41650.3
2013	5902.3	155.8	657.6	41283.6
2014	6220.3	161.4	676.3	40043.8
2015	6077.2	168.5	699.9	41474.7
2016	5920.9	143.4	725.5	42671.9
2017	6116.3	147.0	901.8	42263.8

注：生猪2000年起为抽样调查数，牛2001起为抽样调查数，1997年起禽为农普衔接数。

The hogs number from 2000 is spot check number; the cattle number from 2002 is spot check number;The sheep number is joined number of agriculture surveys; the poultry number from 2003 is spot check number.

12-17 主要畜禽存栏和水产品产量

Number of Live Stocks, Birds and Output of Aquatic Products

年份 Year	年底牛头数（万头） Cattle and Buffaloes (year-end) (10 000 heads)	年底猪头数（万头） Hogs(year-end) (10 000 heads)	年底羊只数（万只） Sheep and Goats (year-end) (10 000 heads)	猪牛羊肉（万吨） Pork,Beef, and Mutton (10 000 tons)	禽（万只） Birds (10 000 heads)	水产品（万吨） Aquatic Products (10 000 tons)
2006	405.67	3452.45	499.14	389.18	24346.50	160.04
2007	399.59	3776.39	511.91	373.31	26099.40	170.09
2008	399.55	3924.46	523.95	395.74	26882.40	178.59
2009	414.32	4046.99	553.80	421.93	27100.00	188.59
2010	401.68	4063.91	552.66	438.98	27262.60	198.89
2011	385.04	4182.65	567.30	432.17	27563.80	200.02
2012	381.75	4275.51	565.59	454.25	29023.40	220.08
2013	384.96	4130.69	590.64	458.89	29920.50	233.91
2014	389.18	4227.81	622.13	487.43	31024.60	247.96
2015	393.91	4122.72	655.38	478.77	32105.80	261.32
2016	374.13	3983.11	648.06	466.39	33101.10	238.35
2017	379.37	3968.10	661.71	480.79	33012.80	242.31

注：2016年、2017年水产品数据为“三农普”修订数据。

2016 and 2017 aquatic product data are revised data for "Three Agricultural Development"

12—18 渔业生产情况
Basic Indicators of Fishery Production

名 称	Item	2000	2005	2016	2017
水产品总产量 （吨）	Total Aquatic Products (ton)	1332133	1792163	2383453	2423128
淡水产品捕捞产量 （吨）	Freshwater Aquatic Products Caught (ton)	150442	185190	95299	88880
其中：鱼类	Of which: Fish	127725	160760	81430	76594
虾蟹类	Shrimps,Prawns and Crabs	9474	10322	9113	7613
贝类	Shellfish	10659	11874	3850	3751
其他	Others	2584	2234	906	922
淡水产品养殖产量 （吨）	Freshwater Aquatic Products Cultured (ton)	1181691	1606974	2288154	2334248
其中：鱼类	Of which: Fish	1145678	1564259	2179108	2187682
虾蟹类	Shrimps,Prawns and Crabs	11396	16487	65358	102947
贝类	Shellfish	12902	11951	17943	17823
其他	Others	11715	14277	25745	25795
淡水产品中：珍珠产量 （公斤）	Freshwater Aquatic Pearl Products (kg)	92015	856547	272210	100208
淡水养殖面积合计 （千公顷）	Freshwater Cultured Area (1 000 hectares)	413.18	481.73	412.83	417.32
其中：池塘养殖	Of which: Pond Cultivated	214.96	256.79	231.18	235.42
其中：渔业专用塘	Of which: Fishery Ponds for Special Use	112.02	156.56	164.47	164.31
湖泊养殖	Lake Cultivated	55.85	61.74	59.79	60.41
其中：粗养	Of which: Extensive Cultivated	32.80	36.17	41	41.31
河沟养殖	Brook Cultivated	20.74	25.82	10.61	11.25
水库养殖	Reservoir Cultivated	102.23	114.69	102.71	101.63
其中：粗养	Of which: Extensive Cultivated	48.01	51.43	47.9	48.64
其他养殖	Other Cultivated	19.40	22.69	8.54	8.61
附：稻田养殖	Enclose: Paddy Cultivated	189.76	184.75	118.63	148.19
其中：鱼种池面积	Of which: Areas of (fish) Fry Ponds	14.98	21.42	17.67	17.7
成鱼面积	Growth Fish Areas	116.24	131.04	97.36	100.57

12-19 洞庭湖区主要社会经济指标

Major Economic Indicators and Social Indicators on The DongTing Lake Area

指 标	Item	2000	2005	2016	2017
常住户数 (万户)	Total Number of Households (10 000 households)			436.32	443.86
常住人口 (万人)	Total Number of Population (10 000 persons)			1406.07	1415.50
乡村人口 (万人)	#Number of Rural Population (10 000 persons)	1213.70	1271.30	1126.98	1123.18
乡村从业人员数 (万人)	Employment of Rural Population (10 000 persons)	634.76	684.79	618.91	617.83
#农林牧渔业	#Farming,Forestry,Animal Husbandry,Fishery	457.18	429.51	320.85	319.25
有效灌溉面积 (千公顷)	Effective Irrigated Area (1 000 hectares)	863.13	890.36	950.17	950.40
地区生产总值 (亿元)	Gross Domestic Products (100 million yuan)	981.39	1529.15	7581.68	7987.55
#第一产业增加值	#Added-Value of First Industry	260.21	387.38	913.49	802.72
第二产业增加值	Added-Value of Second Industry	394.52	628.58	3577.20	3540.32
第三产业增加值	Added-Value of Third Industry	326.66	513.19	3091.00	3644.52
农作物总播种面积 (千公顷)	Total Sown Area of Crops (1 000 hectares)	2380.14	2498.25	2679.66	2348.60
粮食作物播种面积 (千公顷)	Sown Area of Grain Crops (1 000 hectares)	1330.21	1500.38	1405.45	1398.45
#稻谷	#Paddy	1165.77	1352.91	1285.27	1284.44
玉米	Corn	40.77	34.92	53.15	47.30
油料播种面积 (千公顷)	Sown Area of Oils-bearing (1 000 hectares)	375.15	348.73	506.75	472.99
棉花播种面积 (千公顷)	Sown Area of Cotton (1 000 hectares)	115.83	108.87	85.87	75.92
粮食总产量 (万吨)	Total Output of Grain (10 000 tons)	778.63	891.16	846.28	857.80
#稻谷	Paddy	720.06	833.69	792.50	806.43
玉米	Corn	19.15	18.02	30.77	27.34
油料产量 (万吨)	Output of Oils-bearing (10 000 tons)	57.18	55.57	92.38	87.84
水产品总产量 (万吨)	Total Output of Aquatic Products (10 000 tons)	66.70	92.10	123.84	125.77
水果产量 (万吨)	Output of Fruits (10 000 tons)	33.95	119.20	189.69	202.76
地方财政收入 (亿元)	Local Government Revenue (100 million yuan)	24.42	71.68	192.03	202.76
普通中学在校学生数 (人)	Student Enrollment in General Secondary Schools (person)	897821	987011	531357	538529
小学在校学生人数 (人)	Student Enrollment in Primary Schools (person)	1417139	862828	751660	769985
医院、卫生院床位数 (张)	Hospital Beds (unit)	26203	27217	84021	87288
医院、卫生院技术人员数 (人)	Medical Technical Personnel in Hospitals (person)	42438	39001	73506	78724

注：洞庭湖区包括：长沙市的望城区、岳阳市(除平江县)、常德市(除石门县)、益阳市(除安化县)。

Dongting Lake areas include:Changsha city Wangcheng District,Yueyang city(except Pingjiang county),Changde (except shimen county), Yiyang(except Anhua county)

12—20 农村主要能源及物资消耗

Consumption of Major Energy and Materials of Rural Areas

指 标		Item		2000	2005	2016	2017
农用化肥施用量		**Consumption of Agricultural Chemical Fertilizer**					
按实物量计算	（吨）	Calculated at Actual Quantity in Natural Form	(ton)	6954529	7543577	8369673	8275629
氮肥	（吨）	Nitrogenous Fertilizer	(ton)	3906876	4007237	3880664	3780929
磷肥	（吨）	Phosphate Fertilizer	(ton)	1777537	1859574	1900095	1860569
钾肥	（吨）	Potash Fertilizer	(ton)	600221	702849	870254	848737
复合肥	（吨）	Compound Fertilizer	(ton)	669895	973917	1718660	1785394
每亩播种面积施用量	（公斤）	Consumption of Per-mu Sown Areas	(kg)	57.90	60.34	67.29	66.71
按折纯量计算	（吨）	Calculated at Quantity of 100% Content	(ton)	1821508	2098670	2464427	2452580
氮肥	（吨）	Nitrogenous Fertilizer	(ton)	980845	1059569	1004480	979261
磷肥	（吨）	Phosphate Fertilizer	(ton)	242760	256204	266188	260480
钾肥	（吨）	Potash Fertilizer	(ton)	298514	348703	430765	420125
复合肥	（吨）	Compound Fertilizer	(ton)	299389	434194	762994	792715
农用薄膜使用量	（吨）	**Consumption of Agricultural Films**	(ton)	**40446**	**59306**	**84679**	**85209**
地膜使用量	（吨）	Consumption of Ground Films	(ton)	25309	39899	56630	56594
地膜覆盖面积	（公顷）	Ground Film Covered Areas	(hectare)	313340	507093	726204	724379
农药使用量	（吨）	**Consumption of Pesticide**	(ton)	**85611**	**113250**	**118661**	**116023**
农用柴油使用量	（吨）	**Consumption of Agricultural Diesel Oil**	(ton)	**224315**	**326393**	**436851**	**441565**

12-21 自然灾害情况
Statistics on Natural Disaster

名 称		Item		2000	2005	2016	2017
受灾面积合计	**(千公顷)**	**Total Areas Covered**	**(1 000 hectares)**	**3170.11**	**1519.80**	**1184.5**	**1501.2**
旱灾	(千公顷)	Drought	(1 000 hectares)	649.71	586.20	0.147	320.5
水灾	(千公顷)	Flood	(1 000 hectares)	292.76	594.13	1142.1	1175.10
风雹灾	(公顷)	Windstorm	(hectares)		90.77	4533	5.6
病虫	(千公顷)	Plant Diseases and Insect Pests	(1 000 hectares)	1871.07	34.25		
霜冻	(公顷)	Frost	(hectares)		208.50	765	
其他	(公顷)	Others	(hectares)	356.57	5.96		
成灾面积(千公顷)		**Areas Affected**	**(1 000 hectares)**	**759.23**		**665.2**	**836**
旱灾	(千公顷)	Drought	(1 000 hectares)	231.44		0.02	155.5
水灾	(千公顷)	Flood	(1 000 hectares)	128.06		629.5	677.7
风雹灾	(公顷)	Windstorm	(hectare)			2866	2.8
霜冻	(公顷)	Frost	(hectare)			568	
病虫	(千公顷)	Plant Diseases and Insect Pests	(1 000 hectares)	222.43			
其他	(千公顷)	Others	(1 000 hectares)	177.30			
死亡人数	**(人)**	**Number of Dead Population**	**(person)**	**176**	**203**	**51**	**98**
死亡大牲畜	**(头)**	**Dead Large Animals**	**(head)**	**59689**	**1608004**	**3375**	**73402**
倒塌房屋	**(间)**	**Collapsed Houses**	**(unit)**	**149806**	**200153**	**41584**	**57282**
损坏房屋	**(间)**	**Destroyed Houses**	**(unit)**	**436459**	**467980**	**291013**	**397077**
因灾缺粮人口	**(人)**	**Population of Grains Shorted of Disaster**	**(person)**	**9374555**	**8739499**	**4205000**	**3910818**
因灾经济损失合计	**(万元)**	**Total Economic Loss of Disaster**	**(10 000 yuan)**	**1081796**	**1578622**	**2656197**	**5879514**
*水灾损失	(万元)	Flood Loss	(10 000 yuan)	662662	789347	2564385	5662550

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。

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相加即为农林牧渔业总产值。

粮食产量 指全社会的产量。包括国有经济经营的、集体统一经营的和农民家庭经营的粮食产量，还包括工矿企业办的农场和其他生产单位的产量。粮食除包括稻谷、小麦、玉米、高粱、谷子及其他杂粮外，还包括薯类和豆类。其产量计算方法，豆类按去豆荚后的干豆计算；薯类（包括甘薯，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。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。其他粮食一律按脱粒后的原粮计算。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 指人工养殖的水产品和大然生长的水产品的捕捞量。包括海水的鱼类、虾蟹类、贝类和藻类以及内陆水域的鱼类、虾蟹类和贝类，不包括淡水生植物。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，蛤、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。包括全社会范围内的产量。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，根据国家统计局有关文件精神，从2000年起，对畜牧业年报数据与普查数据进行衔接。

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。数据上报方式及数据调整情况同猪、牛、羊肉产量。

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。它是反映我国耕地面积利用情况的一个重要指标。目前，农作物播种面积主要包括粮食、棉花、油料、糖料、麻类、烟叶、蔬菜和瓜类、药材和其他农作物九大类。

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。在一般情况下，有效灌溉面积应等于灌溉工程或设备已经配备，能够进行正常灌溉的水田和水浇地面积之和。它是反映我国耕地抗旱能力的一个重要指标。

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。这个指标的统计数据主要来源于农机部门。

乡村从业人员　指乡村人口中劳动年龄在16周岁以上实际参加生产经营活动并取得实物或货币收入的人员，包括劳动年龄内经常参加劳动的人员，也包括超过劳动年龄但经常参加劳动的人员，但不包括户口在家的在外学生、现役军人和丧失劳动能力的人，也不包括待业人员和家务劳动者。从业人员按从事主业时间最长（时间相同按收入）分为农林牧渔业从业人员、工业从业人员、建筑业从业人员、交通运输业、仓储及邮电通信业从业人员、批零贸易业、餐饮业从业人员、其他非农行业从业人员。

Explanatory Notes on Main Statistical Indicators

Gross Output Value of Farming, Forestry, Animal Husbandry and Fishery refers to the total value of products of farming, forestry, animal husbandry and fisbery, and total value of services rendered to support farming, forestry, animal husbandry and fishery activities. It reflects the total scale and results of agricultural production during a given period. Prior to 1957, Chinas 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 has been excluded from sideline occupations, while the output value of industries run by villages and cooperative organizations under village had been included in sideline occupations and the output value of fish catches by motor fishing boats has been added to fisbery. Since 1980, the value of handicraft products made for sale by individuals in households had 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 canceled, 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 farming, 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, and the collection of wild forest products is taken from agriculture and included in the forestry. The first agriculture census of China revealed some discrepancy between the production of animal products from the annual reports and that from the census. Efforts were made by the Rural Socioeconomic Survey Organization of NBS to adjust the output value of animal husbandry to make the figures from the annual reports consistent with the census data.

Gross output value of agriculture is obtained by first 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 value of all products of farming, forestry, animal husbandry and fishery is then equal to the gross output value of agriculture.

Grain Output refers to the total output in the whole country including grains produced by state farms, collective units, rural households, as well as by farms affiliated to industrial and mining enterprises and other production units. Grain includes rice, wheat, corn, sorghum, millet and other miscellaneous grains as well as tubers and bean. Output of beans refers to dry beans without pods. The output of tubers (sweet potatoes, not including taros and cassava) was converted into that of grain at the ratio 4: 1, i.e. 4 kilograms of fresh tubers was 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) are calculated as fresh vegetables and their output is not included in the output of grain. Output of all other grains refers to husked grain. Data on grain production before 1989 were obtained through Comprehensive Statistical Reporting System. Since 1989, data from sample surveys are used.

Cotton Output refers to the cotton production in the whole country including cotton sown 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 catches of both artificially cultured and naturally grown aquatic products, including fish, shrimps, crabs and shellfish in sea and inland water as well as seaweed. Freshwater plants are not included. Data on output of aquatic products are reported by aquatic product and statistical agencies level by level. Before 1995, among the shellfish, the oyster was counted as fresh meat; 5 kilograms of ark shell, clams and frogs are equivalent to 1 kilogram of fresh aquatic products; they are all 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. Data refers to the production of the whole country. The first agriculture 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 by the Rural Socio economic Survey Organization of NBS to adjust the output value of animal husbandry to make

the figures from the annual reports consistent with the census data. Since 1999, NBS conducted sample survey for the major animal husbandry products, such as hogs, cattle, sheep and goats and fowls, and the data from sample surveys are used as national finalized data. Those products, which are not covered by the sample survey, are still reported by statistical agencies level by level.

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. Data reporting system and data adjustment are the same as that in the output of pork, beef and mutton.

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. This is an important indicator that can reflect the utilization condition of the cultivated land in China. At present, the sown area of crops mainly include the following 9 categories of crops: grain, cotton, oil bearing crops, sugar crops, fiber crops, Tobacco, Vegetables and melons, medicinal materials and other farm crops.

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. Under normal conditions, irrigated area is the sum of watered fields and irrigated fields where irrigation systems or equipment have been installed for regular irrigation purpose. This important indicator reflects drought resistance capacity of the cultivated land in China.

Consumption of Chemical Fertilizers in Agricultu rerefers 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. The formula is :

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

Total Power of Farm Machinery refers to total mechanical power of machinery used in farming, forestry, animal husbandry, and fishery, including 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. Data are mainly from agricultural machinery agencies.

Rural Employed Persons refer to rural labor forces aged over 16 years old who are engaged in real production and management activities and receive payment in kind or wages, including those covered within the age frame and regularly participating in production activities, and those who are out of the range of age frame and also participating in production activities regularly. Excluding students studying in other places with their permanent residence registered in local areas, servicemen and persons incapable of working; also excluding those who are waiting for jobs and those engaged in household work. Persons employed are classified as persons engaged in agriculture, forestry, animal husbandry or fishery activities; persons engaged in industrial activities; persons engaged in construction activities; persons engaged in transport, storage and telecommunications activities; persons engaged in whole sales and retail sales trade and catering activities; and persons engaged in other non agriculture activities, depending upon the longest period of employment in major activities (or using income indicator when period of employment is the same).