

# 2010

## 中国高技术产业统计年鉴

**CHINA STATISTICS YEARBOOK  
ON HIGH TECHNOLOGY INDUSTRY**

国 家 统 计 局  
国家发展和改革委员会  
科 学 技 术 部

编

*Compiled By*

National Bureau of Statistics

National Development and Reform Commission

Ministry of Science and Technology



中国统计出版社  
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## 编辑说明

为反映我国高技术产业发展状况和国际竞争能力,满足国家宏观管理部门制订调整产业政策和产业发展规划的需要,我们根据国家统计局 2002 年颁布的《高技术产业统计分类目录》,加工整理了这本高技术产业发展状况的统计资料书。

本书收集了 1995-2009 年我国高技术产业生产经营、研发及相关活动、固定资产投资等资料以及相关的国际比较数据,较为全面地描述了“九五”以来我国高技术产业发展的基本状况,是有关管理部门和社会各界了解我国高技术产业发展情况的主要资料工具书。

本书共分五个部分。第一部分主要反映高技术产业企业的生产经营情况。1995 年的数据口径为全部独立核算工业企业,其中国有及国有控股企业的数据口径为国有企业;2000-2008 年的数据口径为全部国有及年销售收入在 500 万元及以上的非国有工业企业;2009 年的数据口径为年销售收入在 500 万元及以上的工业企业。第二部分主要反映高技术产业企业的研发活动、新产品开发和生产、专利、技术获取和改造、企业办研发机构等情况。除特别标注外,2009 年的数据口径为年销售收入在 500 万元及以上的工业企业,其他年份的数据口径为大中型工业企业。第三部分主要反映高技术产业企业的固定资产投资情况。1996 年、2000 年数据口径为投资额在 50 万元以上的基本建设项目和更新改造项目的基本情况合计,其他年份数据口径为投资额在 50 万元以上的全部项目的基本情况。第四部分为国际比较资料,根据经济合作与发展组织(OECD)等国际组织公布的高技术产业统计资料整理。第五部分为附录,包括高技术产业统计分类目录、高技术产业统计资料整理公布格式和主要指标解释。

需要说明的是,与以往年份高技术产业统计年鉴相比,本书在内容编辑上进行了较大改动,一是各章节均增加了主要指标当年分组数据,以方便读者使用;二是对第二章有关资料的编辑进行了较大的改动,在内容上着重突出能够反映自主创新能力的 R&D 指标及其相关结构指标,不再列示不能进行国际比较的科技活动人员、经费及相关指标。

本书中的“空格”表示该项统计指标数据不足本表最小单位数、数据不详或无该项数据;书中因小数取舍而产生的误差均未做配平处理。按地区分组东部地区包括:北京、天津、河北、辽宁、上海、江苏、浙江、福建、山东、广东、广西和海南;中部地区包括:山西、内蒙古、吉林、黑龙江、安徽、江西、河南、湖北和湖南;西部地区包括:重庆、四川、贵州、云南、西藏、陕西、甘肃、青海、宁夏和新疆。

# **PREFACE**

This Yearbook of High Technology Industry is based on the Statistics Catalogue of High Technology Industry Classification, which has been published by the National Bureau of Statistics in 2002. The purposes of the Yearbook are to summarize the development and international competitive position of China's hi-tech industry and to facilitate the goals of the state macro administration in formulating policy and programming in support of China's hi-tech industry.

The Yearbook describes the development of China's hi-tech industry during the period from 1995 to 2009. Statistical series for the years 1995 to 2009 include production, R&D and related activities, investment on fixed assets, and relative international comparative measures of this fast-growing industry. The Yearbook should serve as a useful source for the public planning and administration sector as well as the broader business and research communities for understanding recent developments in China's hi-tech industry.

The Yearbook contains five parts. The first part focuses on the production and management of hi-tech industry. The data spanning 1995 cover all independent accounting enterprises, among which statistics on state-owned and state-controlled enterprises cover only state-owned enterprises, and for 2000-2008 reporting covers all state-owned enterprises and non-state-owned enterprises with annual sales over 5 million Yuan. The second part of the Yearbook focuses on R&D activities, new products development, patents, technology acquisition and technology reconstruction, and R&D institutions in hi-tech enterprises. Only when specially noted, statistics in 2009 cover industrial enterprises with annual sales over 5 million Yuan and the data for other years cover large and medium-sized industrial enterprises. The third part focuses on investment on fixed assets in hi-tech industry. Data for 1996 and 2000 cover capital construction projects and renovation projects with investment over 500000 Yuan, and data for other years cover all projects with investment over 500000 Yuan. The fourth part of the Yearbook focuses on international comparisons among China and the OECD countries. The fifth part is appendix information, including catalogue of Hi-technology Industry Classifications, Published Format for Sorting-out the Statistical Data of High-technology Industry and main Indicators.

That should be noted is the yearbook of 2009 has been changed a lot compared with the yearbook of the past year. The first, we add packet data of main indicators in each section to facilitate the readers to use. The second, there are more editorial changes in chapter 2 that highlighting the R&D indicator and relative indicators that reflecting the ability of independent innovation and delete S&T personnel, expenditure and relative indicators that cannot be used in international comparisons.

Notations used in this book:“(blank space)”indicates that the figure is not large enough to be measured with the smallest unit in the table or data are unknown or are not available. Statistical discrepancies due to rounding are not adjusted in the yearbook. Eastern region include Beijing, Tianjin, Hebei, Liaoning, Shanghai, Jiangsu, Zhejiang, Fujian, Shandong, Guangdong, Guangxi and Hainan. Middle region include Shanxi, Inner Mongolia, Jilin, Heilongjiang, Anhui, Jiangxi, Henan, Hubei and Hunan. Western region include Chongqing, Sichuan, Guizhou, Yunnan, Xizang, Shaanxi, Gansu, Qinghai, Ningxia and Xinjiang.

# 目 录

## Contents

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### 第一部分 生产经营情况

#### Statistics on Production and Management

1-1-1 高技术产业生产经营情况 .....	3
Statistics on Production and Management in High-tech Industry	
1-1-2 制造业生产经营情况 .....	3
Statistics on Production and Management in Manufacturing Industry	
1-1-3 按行业分高技术产业生产经营情况 .....	4
Statistics on Production and Management in High-tech Industry by Industrial Sector	
1-1-4 大中型企业分行业高技术产业生产经营情况 .....	10
Statistics on Production and Management in High-tech Industry of Large and Medium-sized Enterprises by Industrial Sector	
1-1-5 国有及国有控股企业分行业高技术产业生产经营情况 .....	16
Statistics on Production and Management in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector	
1-1-6 三资企业分行业高技术产业生产经营情况 .....	22
Statistics on Production and Management in High-tech Industry of Joint Ventures Enterprises by Industrial Sector	
1-2-1 按行业分高技术产业生产经营情况(2009 年) .....	28
Statistics on Production and Management in High-tech Industry by Industrial Sector (2009)	
1-2-2 各地区高技术产业生产经营情况(2009 年) .....	29
Statistics on Production and Management in High-tech Industry by Region (2009)	
1-2-3 按行业和企业规模分高技术产业生产经营情况(2009 年) .....	30
Statistics on Production and Management in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
1-2-4 按行业分国有及国有控股企业高技术产业生产经营情况(2009 年) .....	33
Statistics on Production and Management in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
1-2-5 按行业 and 登记注册类型分高技术产业生产经营情况(2009 年) .....	34
Statistics on Production and Management in High-tech Industry by Industrial Sector and Registration Status (2009)	
1-2-6 按地区和企业规模分高技术产业生产经营情况(2009 年) .....	38
Statistics on Production and Management in High-tech Industry by Region and Scale of Enterprises (2009)	
1-2-7 按地区分国有及国有控股企业高技术产业生产经营情况(2009 年) .....	41
Statistics on Production and Management in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
1-2-8 按地区 and 登记注册类型分高技术产业生产经营情况(2009 年) .....	42
Statistics on Production and Management in High-tech Industry by Region and Registration Status (2009)	



1-2-9 按地区和行业分高技术产业生产经营情况(2009 年) .....	46
Statistics on Production and Management in High-tech Industry by Region and Industrial Sector (2009)	

## 第二部分 R&D 及相关活动情况

### Statistics on R&D and Related Activities

2-1-1 大中型企业 R&D 及相关活动情况 .....	53
Statistics on R&D and Related Activities in Large and Medium-sized Enterprises	
2-1-2 大中型制造业企业 R&D 及相关活动情况 .....	54
Statistics on R&D and Related Activities in Large and Medium-sized Manufacturing Enterprises	
2-1-3 分行业大中型企业 R&D 及相关活动情况 .....	55
Statistics on R&D and Related Activities in Large and Medium-sized Enterprises by Industrial Sector	
2-1-4 大中型国有及国有控股企业分行业 R&D 及相关活动情况 .....	69
Statistics on R&D and Related Activities of State-owned and State-controlled Enterprises in Large and Medium-sized Enterprises	
2-1-5 大中型三资企业分行业 R&D 及相关活动情况 .....	83
Statistics on R&D and Related Activities of Joint Ventures Enterprises in Large and Medium-sized Enterprises by Industrial Sector	
2-2-1 按行业分高技术产业 R&D 活动人员情况(2009 年) .....	97
R&D Personnel in High-tech Industry by Industrial Sector (2009)	
2-2-2 各地区高技术产业 R&D 活动人员情况(2009 年) .....	98
R&D Personnel in High-tech Industry by Region (2009)	
2-2-3 按行业和企业规模分高技术产业 R&D 活动人员情况(2009 年) .....	99
R&D Personnel in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-2-4 按行业分国有及国有控股企业高技术产业 R&D 活动人员情况(2009 年) .....	102
R&D Personnel in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
2-2-5 按行业和登记注册类型分高技术产业 R&D 活动人员情况(2009 年) .....	103
R&D Personnel in High-tech Industry by Industrial Sector and Registration Status (2009)	
2-2-6 按地区和企业规模分高技术产业 R&D 活动人员情况(2009 年) .....	107
R&D Personnel in High-tech Industry by Region and Industrial Sector (2009)	
2-2-7 各地区国有及国有控股企业高技术产业 R&D 活动人员情况(2009 年) .....	110
R&D Personnel in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-2-8 按地区和登记注册类型分高技术产业 R&D 活动人员情况(2009 年) .....	111
R&D Personnel in High-tech Industry by Region and Registration Status (2009)	
2-2-9 按地区和行业分高技术产业 R&D 活动人员情况(2009 年) .....	115
R&D Personnel in High-tech Industry by Region and Industrial Sector (2009)	
2-3-1 按行业分高技术产业 R&D 活动经费情况(2009 年) .....	120
R&D Expenditure in High-tech Industry by Industrial Sector (2009)	
2-3-2 各地区高技术产业 R&D 活动经费情况(2009 年) .....	121
R&D Expenditure in High-tech Industry by Region (2009)	
2-3-3 按行业和企业规模分高技术产业 R&D 活动经费情况(2009 年) .....	122
R&D Expenditure in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-3-4 按行业分国有及国有控股企业高技术产业 R&D 活动经费情况(2009 年) .....	125
R&D Expenditure in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
2-3-5 按行业和登记注册类型分高技术产业 R&D 活动经费情况(2009 年) .....	126
R&D Expenditure in High-tech Industry by Industrial Sector and Registration Status (2009)	

2-3-6	按地区和企业规模分高技术产业 R&D 活动经费情况(2009 年).....	130
	R&D Expenditure in High-tech Industry by Region and Industrial Sector (2009)	
2-3-7	各地区国有及国有控股企业高技术产业 R&D 活动经费情况(2009 年).....	133
	R&D Expenditure in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-3-8	按地区和登记注册类型分高技术产业 R&D 活动经费情况(2009 年).....	134
	R&D Expenditure in High-tech Industry by Region and Registration Status (2009)	
2-3-9	按地区和行业分高技术产业 R&D 活动经费情况(2009 年).....	138
	R&D Expenditure in High-tech Industry by Region and Industrial Sector (2009)	
2-4-1	按行业分高技术产业新产品开发和生产情况(2009 年) .....	143
	New Products Development and Production in High-tech Industry by Industrial Sector (2009)	
2-4-2	各地区高技术产业新产品开发和生产情况(2009 年) .....	144
	New Products Development and Production in High-tech Industry by Region (2009)	
2-4-3	按行业和企业规模分高技术产业新产品开发和生产情况(2009 年).....	145
	New Products Development and Production in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-4-4	按行业分国有及国有控股企业高技术产业新产品开发和生产情况(2009 年).....	148
	New Products Development and Production in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
2-4-5	按行业和登记注册类型分高技术产业新产品开发和生产情况(2009 年).....	149
	New Products Development and Production in High-tech Industry by Industrial Sector and Registration Status (2009)	
2-4-6	按地区和企业规模分高技术产业新产品开发和生产情况(2009 年).....	153
	New Products Development and Production in High-tech Industry by Region and Industrial Sector (2009)	
2-4-7	各地区国有及国有控股企业高技术产业新产品开发和生产情况(2009 年).....	156
	New Products Development and Production in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-4-8	按地区和登记注册类型分高技术产业新产品开发和生产情况(2009 年).....	157
	New Products Development and Production in High-tech Industry by Region and Registration Status (2009)	
2-4-9	按地区和行业分高技术产业新产品开发和生产情况(2009 年) .....	161
	New Products Development and Production in High-tech Industry by Region and Industrial Sector (2009)	
2-5-1	按行业分高技术产业专利情况(2009 年) .....	166
	Statistics on Patents in High-tech Industry by Industrial Sector (2009)	
2-5-2	各地区高技术产业专利情况(2009 年) .....	167
	Statistics on Patents in High-tech Industry by Region (2009)	
2-5-3	按行业和企业规模分高技术产业专利情况(2009 年) .....	168
	Statistics on Patents in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-5-4	按行业分国有及国有控股企业高技术产业专利情况(2009 年) .....	171
	Statistics on Patents in High-tech Industry of State-owned and State-controlled Enterprises by Industry (2009)	
2-5-5	按行业和登记注册类型分高技术产业专利情况(2009 年) .....	172
	Statistics on Patents in High-tech Industry by Industrial Sector and Registration Status (2009)	
2-5-6	按地区和企业规模分高技术产业专利情况(2009 年) .....	176
	Statistics on Patents in High-tech Industry by Region and Industrial Sector (2009)	
2-5-7	各地区国有及国有控股企业高技术产业专利情况(2009 年) .....	179
	Statistics on Patents in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-5-8	按地区和登记注册类型分高技术产业专利情况(2009 年) .....	180
	Statistics on Patents in High-tech Industry by Region and Registration Status (2009)	
2-5-9	按地区和行业分高技术产业专利情况(2009 年) .....	184
	Statistics on Patents in High-tech Industry by Region and Industrial Sector (2009)	
2-6-1	按行业分高技术产业技术获取和技术改造情况(2009 年) .....	189
	Technology Acquisition and Renovation in High-tech Industry by Region (2009)	

2-6-2	各地区高技术产业技术获取和技术改造情况(2009 年) .....	190
	Technology Acquisition and Renovation in High-tech Industry by Region (2009)	
2-6-3	按行业和企业规模分高技术产业技术获取和技术改造情况(2009 年) .....	191
	Technology Acquisition and Renovation in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-6-4	按行业分国有及国有控股企业高技术产业技术获取和技术改造情况(2009 年) .....	194
	Technology Acquisition and Renovation in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
2-6-5	按行业和登记注册类型分高技术产业技术获取和技术改造情况(2009 年) .....	195
	Technology Acquisition and Renovation in High-tech Industry by Industrial Sector and Registration Status(2009)	
2-6-6	按地区和企业规模分高技术产业技术获取和技术改造情况(2009 年) .....	199
	Technology Acquisition and Renovation in High-tech Industry by Region and Scale of Enterprises (2009)	
2-6-7	各地区国有及国有控股企业高技术产业技术获取和技术改造情况(2009 年) .....	202
	Technology Acquisition and Renovation in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-6-8	按地区和登记注册类型分高技术产业技术获取和技术改造情况(2009 年) .....	203
	Technology Acquisition and Renovation in High-tech Industry by Region and Registration Status (2009)	
2-6-9	按地区和行业分高技术产业技术获取和技术改造情况(2009 年) .....	207
	Technology Acquisition and Renovation in High-tech Industry by Region and Industrial Sector (2009)	
2-7-1	按行业分高技术产业企业办研发机构情况(2009 年) .....	212
	R&D Institutions in High-tech Industry by Industrial Sector (2009)	
2-7-2	各地区高技术产业企业办研发机构情况(2009 年) .....	213
	R&D Institutions in High-tech Industry by Region (2009)	
2-7-3	按行业和企业规模分高技术产业企业办研发机构情况(2009 年) .....	214
	R&D Institutions in High-tech Industry by Industrial Sector and Scale of Enterprises (2009)	
2-7-4	按行业分国有及国有控股企业高技术产业企业办研发机构情况(2009 年) .....	217
	R&D Institutions in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009)	
2-7-5	按行业和登记注册类型分高技术产业企业办研发机构情况(2009 年) .....	218
	R&D Institutions in High-tech Industry by Industrial Sector and Registration Status(2009)	
2-7-6	按地区和企业规模分高技术产业企业办研发机构情况(2009 年) .....	222
	R&D Institutions in High-tech Industry by Region and Industrial Sector (2009)	
2-7-7	各地区国有及国有控股企业高技术产业企业办研发机构情况(2009 年) .....	225
	R&D Institutions in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009)	
2-7-8	按地区和登记注册类型分高技术产业企业办研发机构情况(2009 年) .....	226
	R&D Institutions in High-tech Industry by Region and Registration Status (2009)	
2-7-9	按地区和行业分高技术产业企业办研发机构情况(2009 年) .....	230
	R&D Institutions in High-tech Industry by Region and Industrial Sector (2009)	

### 第三部分 固定资产投资情况

#### Statistics on Investment in Fixed Assets

3-1-1	高技术产业固定资产投资基本情况 .....	237
	Statistics on Investment in Fixed Assets in High-tech Industry	
3-1-2	制造业固定资产投资基本情况 .....	237
	Statistics on Investment in Fixed Assets in Manufacturing Industry	
3-1-3	分行业固定资产投资情况 .....	238
	Statistics on Investment in Fixed Assets in High-tech Industry by Industrial Sector	

3-1-4	国有及国有控股企业固定资产投资情况 .....	245
	Statistics on Investment in Fixed Assets in State-owned and State-controlled Enterprises .....	
3-1-5	三资企业固定资产投资情况 .....	252
	Statistics on Investment in Fixed Assets in Joint Ventures Enterprises .....	
3-2-1	按行业分高技术产业投资基本情况(2009 年) .....	259
	Basic Statistics on Investment in Fixed Assets in High-tech Industry by Industrial Sector (2009) .....	
3-2-2	各地区高技术产业投资基本情况(2009 年) .....	261
	Basic Statistics on Investment in Fixed Assets in High-tech Industry by Region (2009) .....	
3-2-3	按行业分国有及国有控股企业高技术产业投资基本情况(2009 年) .....	263
	Basic Statistics on Investment in Fixed Assets in High-tech Industry of State-owned and State-controlled Enterprises by Industrial Sector (2009) .....	
3-2-4	按行业和登记注册类型分高技术产业投资基本情况(2009 年) .....	265
	Basic Statistics on Investment in Fixed Assets in High-tech Industry in High-tech Industry by Industrial Sector and Registration Status (2009) .....	
3-2-5	各地区国有及国有控股企业高技术产业投资基本情况(2009 年) .....	273
	Basic Statistics on Investment in Fixed Assets in High-tech Industry of State-owned and State-controlled Enterprises by Region (2009) .....	
3-2-6	按地区和登记注册类型分高技术产业投资基本情况(2009 年) .....	274
	Basic Statistics on Investment in Fixed Assets in High-tech Industry by Region and Registration Status (2009) .....	
3-2-7	按地区和行业分高技术产业投资基本情况(2009 年) .....	278
	Basic Statistics on Investment in Fixed Assets in High-tech Industry by Region and Industrial Sector (2009) .....	

#### 第四部分 国际比较情况

##### International Comparison

4-1	部分国家高技术产业 R&D 经费占工业总产值比例 .....	285
	The Ratio of R&D Expenditure to Gross Industrial Output Value of High Technology Industry in Selected Countries .....	
4-2	部分国家高技术产业 R&D 经费占工业增加值比例 .....	285
	The Ratio of R&D Expenditure to Value Added of Industry of High Technology Industry in Selected Countries .....	
4-3	部分国家高技术产业增加值占制造业增加值的比重(2001-2007) .....	286
	The Ratio of Value Added of High Technology Industry to Value Added of Manufacturing in Selected Countries .....	
4-4	部分国家高技术产业出口占制造业出口的比重(2001-2008) .....	286
	The Ratio of Exports of High Technology Industry to Exports of Manufacturing in Selected Countries .....	

#### 附 录

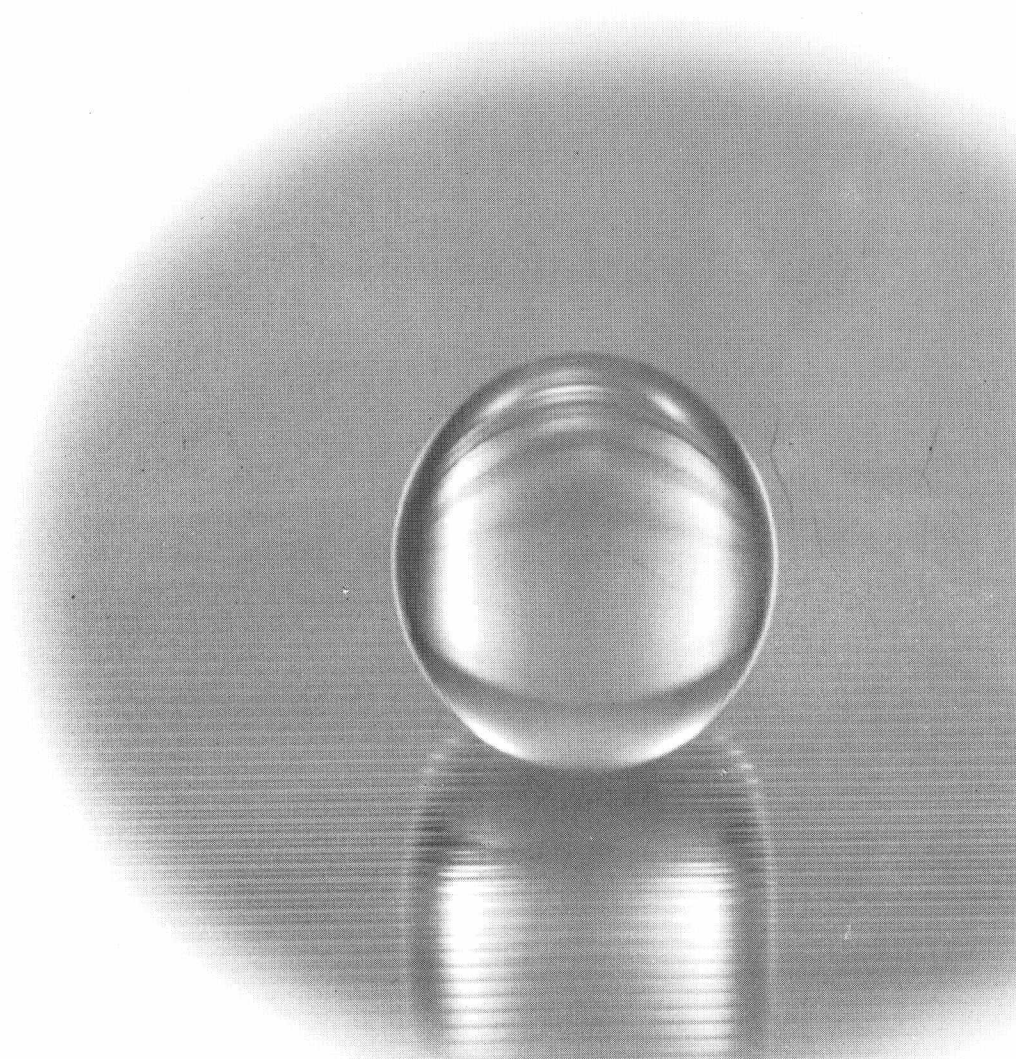
##### Appendix

附录 1	高技术产业统计分类目录 .....	289
	Statistics Catalogue of High-technology Industry Classifications .....	
附录 2	高技术产业统计资料整理公布格式 .....	290
	Published Format for Sorting-out the Statistical Data of High-technology Industry .....	
附录 3	指标解释 .....	291
	Explanatory Notes of Indicators .....	

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**生产经营情况**  
Statistics on Production and  
Management







## 1-1-1 高技术产业生产经营情况

## Statistics on Production and Management in High-tech Industry

指 标 Indicator	1995	2000	2005	2006	2007	2008	2009
企业数 (个)	18834	9758	17527	19161	21517	25817	27218
Number of Enterprises (unit)							
从业人员年平均人数 (万人)	448	390	663	744	843	945	958
Annual Average Number of Employed Personnel (person)							
当年价总产值 (亿元)	4098	10411	34367	41996	50461	57087	60430
Gross Industrial Output Value at Current Prices (100million yuan)							
主营业务收入 (亿元)	3917	10034	33922	41585	49714	55729	59567
Revenue from Principal Business (100 million yuan)							
利润 (亿元)	178	673	1423	1777	2396	2725	3279
Profits (100million yuan)							
利税 (亿元)	326	1033	2090	2611	3353	4024	4660
Taxes and Profits (100million yuan)							

## 1-1-2 制造业生产经营情况

## Statistics on Production and Management in Manufacturing Industry

指 标 Indicator	1995	2000	2005	2006	2007	2008	2009
企业数 (个)	461203	148279	251499	279282	313046	396950	405183
Number of Enterprises (unit)							
从业人员年平均人数 (万人)	7077	4606	5935	6347	6856	7732	7720
Annual Average Number of Employed Personnel (person)							
当年价总产值 (亿元)	48700	75108	217836	274572	353631	441358	479200
Gross Industrial Output Value at Current Prices (100million yuan)							
主营业务收入 (亿元)	46207	71698	213844	270478	347890	432760	471870
Revenue from Principal Business (100 million yuan)							
利润 (亿元)	1225	2733	9704	12811	19622	21674	27972
Profits (100million yuan)							
利税 (亿元)	4002	6700	18441	23665	33855	40051	49736
Taxes and Profits (100million yuan)							

## 1-1-3 按行业分高技术产业生产经营情况

## Statistics on Production and Management in High-tech Industry by Industrial Sector

行 业 Industry	企 业 数 (个) Number of Enterprises (unit)						
	1995.	2000	2005	2006	2007	2008	2009
合 计 Total	18834	9758	17527	19161	21517	25817	27218
医药制造业 Manufacture of Medicines	5388	3301	4971	5368	5748	6524	6807
<sup>#</sup> 化学药品制造 Manufacture of Chemical Medicine	2348	1619	2037	2138	2218	2459	2494
中成药制造 Manufacture of Finished Traditional Chinese Herbal Medicine	1974	1180	1288	1348	1386	1479	1510
生物、生化制品的制造 Manufacture of Biological and Biochemical Chemical Products	398	271	478	527	622	746	815
航空航天器制造业 Manufacture of Aircrafts and Spacecrafts	219	176	167	173	181	217	220
1.飞机制造及修理 Manufacture and Repairing of Airplanes	152	130	143	144	155	183	186
2.航天器制造 Manufacture of Spacecrafts	67	46	24	29	26	34	23
电子及通信设备制造业 Manufacture of Electronic Equipment and Communication Equipment	7202	3977	7781	8606	9963	12871	12831
1.通信设备制造 Manufacture of Communication Equipment	1414	806	1195	1224	1333	1578	1605
<sup>#</sup> 通信传输设备制造 Manufacture of Communication Transmitting Equipment	271	145	263	255	285	385	401
通信交换设备制造 Manufacture of Communication Exchanging Equipment	335	178	163	154	161	173	158
通信终端设备制造 Manufacture of Communication Terminal Equipment	227	129	223	220	243	251	244
2.雷达及配套设备制造 Manufacture of Radar and Its Fittings	50	47	47	52	47	60	51
3.广播电视设备制造 Manufacture of Broadcasting and TV Equipment	262	96	361	359	379	461	477
4.电子器件制造 Manufacture of Electronic Appliances	824	513	1285	1433	1671	2289	2355
<sup>#</sup> 电子真空器件制造 Manufacture of Electronic Vacuum Appliances	156	105	134	141	162	166	167
半导体分立器件制造 Manufacture of Semiconductor Discreting Appliances	444	236	258	286	313	422	408
集成电路制造 Manufacture of Integrate Circuit	224	172	362	404	434	500	482
5.电子元件制造 Manufacture of Electronic Components	2890	1598	3558	4033	4746	6226	6145
6.家用视听设备制造 Manufacture of Domestic TV Set and Radio Receiver	930	453	855	898	990	1182	1088
7.其他电子设备制造 Manufacture of Other Electronic Equipment	832	464	480	607	797	1075	1110
电子计算机及办公设备制造业 Manufacture of Computers and Office Equipments	715	494	1267	1293	1450	1695	1676
1.电子计算机整机制造 Manufacture of Entired Computer	225	139	201	166	180	175	162
2.电子计算机外部设备制造 Manufacture of Computer Peripheral Equipment	379	272	886	937	1077	1301	1121
3.办公设备制造 Manufacture of Office Equipment	111	83	180	190	193	219	223
医疗设备及仪器仪表制造业 Manufacture of Medical Equipments and Measuring Instrument	5310	1810	3341	3721	4175	4510	5684
1.医疗设备及器械制造 Manufacture of Medical Equipment and Appliances	1494	565	704	780	881	1200	1262
2.仪器仪表制造 Manufacture of Measuring Instrument	3816	1245	2637	2941	3294	3310	4422

1-1-3 续表 1 continued

行 业 Industry	从业人员年平均人数 (人) Annual Average Number of Employed Personnel (person)						
	1995	2000	2005	2006	2007	2008	2009
合 计 Total	4484239	3899785	6633422	7444894	8429582	9447700	9575428
医药制造业 Manufacture of Medicines	1157429	995641	1234389	1302750	1373407	1507512	1604792
#化学药品制造 Manufacture of Chemical Medicine	737936	612191	641919	660821	691642	734497	767596
中成药制造 Manufacture of Finished Traditional Chinese Herbal Medicine	318400	300633	350233	363805	366185	396798	428684
生物、生化制品的制造 Manufacture of Biological and Biochemical Chemical Products	45169	53451	77122	83739	100363	119509	129036
航空航天器制造业 Manufacture of Aircrafts and Spacecrafts	590713	456531	304691	297826	301418	314070	325270
1. 飞机制造及修理 Manufacture and Repairing of Airplanes	478596	394176	283082	275596	279217	289494	302792
2. 航天器制造 Manufacture of Spacecrafts	112117	62355	21609	22230	22201	24576	21013
电子及通信设备制造业 Manufacture of Electronic Equipment and Communication Equipment	1815230	1737523	3466681	3933366	4554095	5232248	5100040
1. 通信设备制造 Manufacture of Communication Equipment	310185	324066	555028	629884	759041	864463	893945
#通信传输设备制造 Manufacture of Communication Transmitting Equipment		67149	62438	64680	75046	103538	114735
通信交换设备制造 Manufacture of Communication Exchanging Equipment		84578	98932	105347	131119	172796	203465
通信终端设备制造 Manufacture of Communication Terminal Equipment		56902	115108	113241	109855	116914	103270
2. 雷达及配套设备制造 Manufacture of Radar and Its Fittings	86164	54161	39307	41597	40622	42660	35565
3. 广播电视设备制造 Manufacture of Broadcasting and TV Equipment	37707	21404	75849	83860	94182	102348	100141
4. 电子器件制造 Manufacture of Electronic Appliances	297400	268611	616231	709202	854958	1055998	1035697
#电子真空器件制造 Manufacture of Electronic Vacuum Appliances		112600	104010	96568	98178	88417	77407
半导体分立器件制造 Manufacture of Semiconductor Discreting Appliances		82007	73727	88271	97337	111790	101839
集成电路制造 Manufacture of Integrate Circuit		74004	188080	231072	273677	313441	275637
5. 电子元件制造 Manufacture of Electronic Components	633311	645061	1495255	1741688	2014426	2306669	2213312
6. 家用视听设备制造 Manufacture of Domestic TV Set and Radio Receiver	374354	317255	553288	568309	586040	579221	541130
7. 其他电子设备制造 Manufacture of Other Electronic Equipment	76109	106965	131723	158826	204826	280889	280250
电子计算机及办公设备制造业 Manufacture of Computers and Office Equipments	141771	238793	1011417	1215585	1429836	1650041	1632703
1. 电子计算机整机制造 Manufacture of Entire Computer	53002	62331	322380	391867	479097	583118	513380
2. 电子计算机外部设备制造 Manufacture of Computer Peripheral Equipment	63491	125570	607302	725472	845987	957760	964076
3. 办公设备制造 Manufacture of Office Equipment	25278	50892	81735	98246	104752	109163	96340
医疗设备及仪器仪表制造业 Manufacture of Medical Equipments and Measuring Instrument	779096	471297	616244	695367	770826	743829	912623
1. 医疗设备及器械制造 Manufacture of Medical Equipment and Appliances	164722	117130	129701	150114	172717	223142	233022
2. 仪器仪表制造 Manufacture of Measuring Instrument	614374	354167	486543	545253	598109	520687	679601