

Table 17
GOVERNMENT EXPENDITURE ON R&D BY SUB-SECTOR OF ECONOMIC ACTIVITY

Economic Activity	NIC Code	Research & Development Expenditure				
		2005-06	2006-07	2007-08	2008-09	2009-10
(A) Agriculture, Forestry & Fishing, Mining & Quarrying						
1. Agriculture, Hunting and Related Service Activities	01	3717.87	4401.52	4555.12	5709.25	6196.18
2. Forestry, Logging and Related Service Activities	02	300.57	350.37	357.15	452.40	489.43
3. Fishing, Operation of Fish Hatcheries and Fish Farms	03	153.26	163.42	162.00	213.28	272.72
4. Mining of Coal and Lignite, Extraction of Peat	05	14.84	6.00	12.86	10.00	11.00
5. Extraction of Crude Petroleum and Natural Gas	06	19.09	26.64	12.56	8.05	27.57
6. Mining of Metal Ores, Other Mining and Quarrying	07	36.66	36.85	39.93	34.65	50.20
Total R&D Expenditure(Rs Crore) (A) (1+2+...+6)		4242.29	4984.79	5139.62	6427.64	7047.10
GDP by industry of origin (at factor cost Rs. Crores)		732234	829771	961330	1083032	1236765
Ratio of R&D expenditure to GDP by industry of origin (%)		0.58	0.60	0.53	0.59	0.57
(B) Manufacturing, Construction, Electricity Gas & Water Supply						
1. Manufacture of Food Products and Beverages	10	96.85	102.71	103.91	170.18	212.06
2. Manufacture of Tobacco Products	12	0.00	0.00	0.00	0.00	0.00
3. Manufacture of Textiles	13	90.10	83.50	97.34	132.62	157.02
4. Manufacture of Wearing Apparel, Dressing and Dyeing of Fur	14	0.00	0.00	0.00	0.00	0.00
5. Tanning and Dressing of Leather, Luggage Handbags etc.	15	23.73	23.98	25.67	37.08	43.00
6. Manufacture of Wood and Products of Wood and Cork	16	6.68	9.34	9.79	9.93	11.05
7. Manufacture of Paper and Paper Products	17	25.71	22.27	24.92	34.49	50.17
8. Manufacture of Coke, Refined Petroleum Products and Nuclear Fuel	19	0.00	0.00	0.00	0.00	0.00
9. Manufacture of Chemicals, Chemical Products & Fertilizers	20	61.19	54.96	65.23	64.72	112.80
10. Drugs & Pharmaceuticals	21	564.65	710.31	817.74	978.13	1206.43
11. Manufacture of Rubber and Plastic Products	22	10.81	27.63	14.27	21.16	27.24
12. Manufacture of other Non-Metallic Mineral Products	23	27.26	41.57	36.90	34.82	33.91
13. Manufacture of Basic Metals	24	37.77	52.28	61.15	90.83	70.60
14. Manufacture of Fabricated Metal Products	25	0.00	0.00	0.00	0.00	0.00
15. Manufacture of Medical, Precision and Optical Instruments	26	0.00	0.00	0.00	0.00	0.00
16. Manufacture of Electrical Machinery and Apparatus	27	0.38	0.53	0.52	0.46	0.70

Table 17 (Contd.)
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Economic Activity	Years	NIC Code	Research & Development Expenditure				
			2005-06	2006-07	2007-08	2008-09	2009-10
17. Manufacture of Machinery and Equipment		28	0.00	0.00	0.00	0.00	0.00
18. Electricity, Gas, Steam and Water Supply		35	1555.66	1813.99	1918.01	2575.43	3430.76
19. Land Transport, Transport via Pipelines		49	56.86	80.81	75.84	106.31	144.77
Total R&D Expenditure(Rs Crore) (B) (1+2+...+6)			2557.64	3023.89	3251.29	4256.16	5500.51
GDP by industry of origin (at factor cost Rs. crores)			859410	1033410	1205458	1360426	1521744
Ratio of R&D expenditure to GDP by industry of origin (%)			0.30	0.29	0.27	0.31	0.36
(C) Transport & Communication							
1. Manufacture of Motor Vehicles		29	63.35	54.34	66.04	90.76	93.31
2. Manufacture of other Transport Equipment		30	0.00	0.00	0.00	0.00	0.00
3. Telecommunications		61	157.55	180.71	180.58	223.69	208.65
4. Computer and Related Activities		62	223.50	252.16	292.14	347.44	474.47
Total R&D Expenditure(Rs Crore) (C) (1+2+...+6)			444.41	487.20	538.76	661.89	776.42
GDP by industry of origin (at factor cost Rs. crores)			846606	998379	1150044	1310845	1485476
Ratio of R&D expenditure to GDP by industry of origin (%)			0.05	0.05	0.05	0.05	0.05
(D) Public Administration & Defence and other Services							
1. Public Administration and Defence		84	5299.41	5380.49	6123.98	7720.45	8498.89
2. Education		85	425.15	493.76	502.94	801.57	823.92
3. Health and Social Work		86	603.73	747.01	667.40	1082.42	1149.32
4. Service Sector		94	4988.38	5329.30	6234.68	6961.87	8192.51
5. Others Please Specify		99	358.42	397.76	514.75	707.42	732.54
Total R&D Expenditure(Rs Crore) (D) (1+2+...+6)			11675.09	12348.31	14043.76	17273.72	19397.18
GDP by industry of origin (at factor cost Rs. crores)			459151	505121	573790	703895	885314
Ratio of R&D expenditure to GDP by industry of origin (%)			2.54	2.44	2.45	2.45	2.19
Total R&D Expenditure (A+B+C+D)			18919.42	20844.19	22973.42	28619.40	32721.22

Source : Data collected and compiled by DST.

Note : Government includes Major Scientific Agencies, Central Ministries/ Departments & State Governments