

Table 1

NATIONAL EXPENDITURE ON RESEARCH AND DEVELOPMENT BY SECTOR

(Rs. Crores)

Sector	1970-71	1975-76	1980-81	1985-86	1990-91	1995-96	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04 *	2004-05 *
Central Sector	112.47	287.63	580.49	1654.06	3058.27	5199.79	8412.16	9826.27	11050.20	11536.33	12072.98	13199.01	14443.36
State Sector	12.58	26.73	59.34	162.78	365.92	657.02	1041.40	1289.88	1574.32	1494.33	1528.39	1682.24	1851.58
Private Sector	14.59	42.35	120.69	251.94	549.98	1627.07	2641.05	2657.83	2923.32	3292.69	3648.25	3955.14	4287.84
Higher Education Sector							378.56	623.64	650.94	714.80	750.54	890.60	1056.80
Total	139.64	356.71	760.52	2068.78	3974.17	7483.88	12473.17	14397.62	16198.78	17038.15	18000.16	19726.99	21639.58

Source : 1. Data collected and compiled by DST.

Note : 1. * Estimated

2. The number of R&D units in the private sector varies from year to year as per the DSIR recognition.
3. Private sector industries data for the year 1998-99 onwards comprised of R&D units/firms recognised by DSIR & registered with M/o Company Law Affairs.
4. Data refers to 1802 in-house R&D units of Private Sector Industries which include 248 SIRO units, projected data for 63 in-house R&D units and 529 industries of Central Monitoring of Indian Economy (CMIE) database.
5. Data for the year 2003-04 and 2004-05 has been estimated by applying the rate of growth for the period 1998-99 to 2002-03 sector-wise.
6. Higher Education Sector includes data from 106 universities and 27 PG colleges doing R&D but excludes R&D expenditure of 21 State Agricultural Universities and extramural project funding of central funding agencies. Data for the year 1998-99 onwards has been estimated by applying the rate of growth for the previous 3 years on the expenditure in Higher Education Sector.
7. State Sector includes R&D expenditure of State Agricultural Universities and other state departments/organisations.
8. Data for Private Sector for the year 1996-97 onwards includes R&D expenditure of Small Scale Industry (SSI).
9. N.A. : Not available.
10. R&D : Research & Development
11. Central Sector = Central Govt. + Public Sector