

Table 15

NATIONAL R&D EXPENDITURE IN RELATION TO ECONOMIC ACTIVITY

Economic Activity	2005-06	2006-07	2007-08	2008-09	2009-10
(A) Agriculture, Forestry & Fishing, Mining & Quarrying (R&D expenditure Rs. Crores)	4629.90	5387.33	5886.49	7304.69	8053.82
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 (%)	0.63	0.65	0.61	0.67	0.65
Overall GDP (at factor cost Rs. Crores)	3390503	3953276	4582086	5303567	6091485
Ratio of R&D expenditure to overall GDP (%)	0.14	0.14	0.13	0.14	0.13
(B) Manufacturing, Construction, Electricity Gas & Water Supply (R&D expenditure Rs. Crores)	7362.32	9071.77	10807.52	13053.93	14983.39
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 (%)	0.86	0.88	0.90	0.96	0.98
Ratio of R&D expenditure to overall GDP (%)	0.22	0.23	0.24	0.25	0.25
(C) Transport & Communication (R&D expenditure Rs. Crores)	3663.82	4487.52	5262.84	5739.23	6130.90
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 (%)	0.43	0.45	0.46	0.44	0.41
Ratio of R&D expenditure to GDP (%)	0.11	0.11	0.11	0.11	0.10
(D) Public Administration & Defence and Other Services (R&D expenditure Rs. Crores)	14269.81	15283.62	17471.03	21244.20	23859.78
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 (%)	3.11	3.03	3.04	3.02	2.70
Ratio of R&D expenditure to overall GDP (%)	0.42	0.39	0.38	0.40	0.39
Total R&D Expenditure Rs. Crores (A+B+C+D)	29925.84	34230.24	39427.88	47342.04	53027.89
Ratio of R&D expenditure to overall GDP (%)	0.88	0.87	0.86	0.89	0.87

Source : 1. Data collected and compiled by DST.

2. GDP at factor cost and by industry of origin taken from Economic Survey 2011-12

Note : Projected Data of 10584 MSME's units amounting to Rs. 214.06 crores, Rs. 223.24 crores, 232.82 crores, 234.81 crores & 253.36 crores for the year 2005-06, 2006-07, 2007-08, 2008-09 & 2009-10 respectively has been added to total R&D expenditure.