



Ministry of Education and Science
of the Russian Federation



Federal Service
for State Statistics



HIGHER SCHOOL OF ECONOMICS
NATIONAL RESEARCH UNIVERSITY

Indicators of Innovation in the Russian Federation

Data Book



10 years
HSE Institute for Statistical
Studies and Economics
of Knowledge



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Indicators of Innovation in the Russian Federation

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The data book presents the results of statistical innovation surveys in the Russian Federation. It contains internationally compatible indicators characterizing the level of innovative activity in industry and services. The publication covers statistical data reflecting innovation expenditure and output, co-operational linkages, and factors hampering innovation. Specific chapters are devoted to ecological innovation and innovative activities in the regions of the Russian Federation. International comparisons with a wide range of innovation indicators are provided as well.

The data book includes information of the Federal Service for State Statistics, Organisation for Economic Co-operation and Development, European Commission, Eurostat, national statistical agencies, and results of own methodological and analytical studies of the HSE Institute for Statistical Studies and Economics of Knowledge.

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Symbols used in tables are:

... data not available
and not included in the totals,
– data not applicable,
0.0 insignificant value.

In some tables, details may not add to the totals
because of rounding.

MAIN INDICATORS OF INNOVATION

	1995	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Enterprises engaged in technological innovation as a per cent of enterprises total:													
Mining and quarrying, manufacturing, electricity, gas and water supply	5.5	5.0	10.6	9.6	9.8	10.3	10.5	9.3	9.4	9.4	9.6	9.4	9.3
Communications, computer and related activities*	...	8.3	12.1	12.2	13.5	14.3	14.7	15.3	12.5	11.2	10.9	10.1	10.8
Innovative goods and services as a per cent of total sales:													
Mining and quarrying, manufacturing, electricity, gas and water supply	4.7	3.8	4.4	4.2	4.3	4.7	5.4	5.0	5.5	5.5	5.1	4.6	4.9
Communications, computer and related activities	...	...	16.9	6.9	2.8	8.9	8.4	8.6	8.3	4.2	4.2	3.8	4.7
Expenditure on technological innovation, <i>million roubles, before 1998 – billion roubles:</i>													
Mining and quarrying, manufacturing, electricity, gas and water supply													
at current prices	7254.1	13864.4	49428.0	61312.9	86394.6	105444.7	122850.5	125678.2	188492.2	207499.2	276262.3	358861.1	349763.3
at constant 1995 prices	7254.1	6966.0	10462.7	11140.3	13590.9	14576.3	14116.7	12105.3	15760.0	15245.3	17201.2	21927.5	19184.6
Communications, computer and related activities:													
at current prices	...	4197.1	11794.1	6328.6	6049.3	14782.7	19495.3	17544.4	18892.4	25125.5	24148.0	32790.9	38684.0
at constant 1995 prices	...	2108.8	2496.5	1149.9	951.6	2043.5	2240.2	1689.9	1579.6	1846.0	1503.6	2003.6	2121.8

(continued)

	1995	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Expenditure on technological innovation as a per cent of total sales:													
Mining and quarrying, manufacturing, electricity, gas and water supply	0.9	1.1	1.4	1.4	1.8	1.6	1.5	1.2	1.4	1.2	1.4	1.9	1.5
Communications, computer and related activities	...	...	11.1	4.8	3.9	6.5	5.9	3.5	2.7	2.7	2.1	2.7	2.9
Innovative activity (enterprises engaged in technological, marketing and organisational innovation as a per cent of enterprises total):													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	...	...	...	...	...	...	10.6	10.8	11.0	11.0	10.8
Communications, computer and related activities	...	...	...	...	...	...	...	...	15.6	13.5	13.4	13.2	13.6
Enterprises engaged in organisational innovation during the reference year as a per cent of enterprises total:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	...	...	...	...	...	...	3.2	3.5	3.5	3.7	3.4
Communications, computer and related activities	...	...	...	...	...	...	...	...	5.4	4.8	4.5	4.7	5.1

(continued)

	1995	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Enterprises engaged in marketing innovation during the reference year as a per cent of enterprises total:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	...	...	...	...	...	...	2.3	2.5	2.6	2.4	2.5
Communications, computer and related activities	...	...	...	...	...	...	...	...	4.4	4.5	4.5	4.7	4.7
Expenditure on technological, organisational and marketing innovation, million roubles:													
Mining and quarrying, manufacturing, electricity, gas and water supply:													
at current prices	...	...	...	...	...	...	...	...	191341.5	213020.1	283194.8	365785.1	356163.5
at constant 1995 prices	...	...	...	...	...	...	...	...	15998.2	15650.9	17632.9	22350.6	19535.6
Communications, computer and related activities :													
at current prices	...	...	...	...	...	...	...	...	20010.5	26405.2	27076.7	34821.89	40223.1
at constant 1995 prices	...	...	...	...	...	...	...	...	1673.1	1940.0	1685.9	2127.7	2206.2
Expenditure on technological, organisational and marketing innovation as a per cent of total sales:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	...	...	...	...	...	...	1.5	1.3	1.4	1.9	1.5
Communications, computer and related activities	...	...	...	...	...	...	...	...	2.7	2.8	2.3	2.8	3.0

(continued)

	1995	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Small enterprises engaged in technological innovation as a per cent of small enterprises total:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	1.3	1.5	...	1.6	...	1.6	...	4.3	...	4.1	...
Innovative goods and services as a per cent of total sales of small enterprises:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	0.6	0.6	...	0.3	...	0.3	...	2.0	...	1.4	...
Expenditure on technological innovation of small enterprises, <i>million roubles, before 1998 – billion roubles</i> :													
Mining and quarrying, manufacturing, electricity, gas and water supply:													
at current prices	...	...	867.6	997.7	...	1296.5	...	1932.7	...	10608.2	...	6793.5	...
at constant 1995 prices	...	...	183.7	181.3	...	179.2	...	186.2	...	779.4	...	415.1	...
Expenditure on technological innovation as a per cent of total sales of small enterprises:													
Mining and quarrying, manufacturing, electricity, gas and water supply	...	...	0.6	0.5	...	0.4	...	0.2	...	1.7	...	0.9	...

* In contrast with other service sectors, innovation in communications, computer and related activities was the subject of statistical observations during the entire period considered.