

Moderate increase in R&D efforts in 2012

Preliminary statistics for expenditure on research and experimental development (R&D) suggests these activities amounted to 48.1 billion NOK (equivalent to 6.4 billion EUR) in 2012, an increase of 2.7 billion NOK, or 5.7 per cent, compared to 2011. This corresponds to an increase of 1.8 per cent in fixed prices.

Among R&D performing sectors, the institute¹ sector saw the largest real growth of 2.4 per cent, mainly due to the increased capital expenditure. In the industrial sector the increase was 2.1 per cent. The estimated R&D expenditure in the higher education sector shows a 0.9 per cent real increase compared to 2011 statistics. The growth rates presented here have been adjusted due to expanded data coverage on the health trusts in 2012. Non-adjusted growth percentages amount to 5.9 in current prices and 2.1 in fixed prices.

R&D expenditure in Norway 2011 and 2012 by sector of performance. Million NOK.

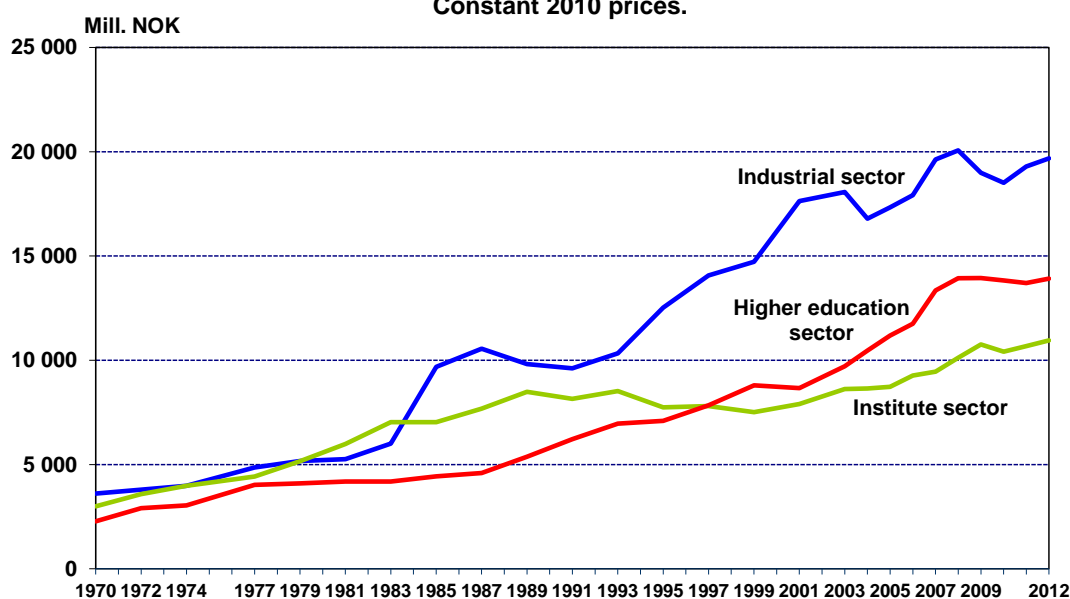
Sector of performance	2011	2012	Diff. 2011-2012	% difference ¹⁾ in	
				current prices	constant 2011 prices
Industrial sector	20 066	21 268	1 202	6.0	2.1
Institute sector	11 115	11 828	713	6.4	2.4
Higher education sector ²⁾	14 259	15 039	780	5.5	0.9
Total	45 440	48 135	2 694	5.9	1.8
of which health trusts	2 776	3 127	351	12.6	4.5
Percentage of GDP	1.65	1.65			

Source: NIFU and Statistics Norway

¹⁾ Adjusted due to expanded data collection on the health trusts.

²⁾ Estimated figure for Higher education sector 2012.

Intramural R&D expenditure in Norway by sector of performance 1970-2012. Constant 2010 prices.

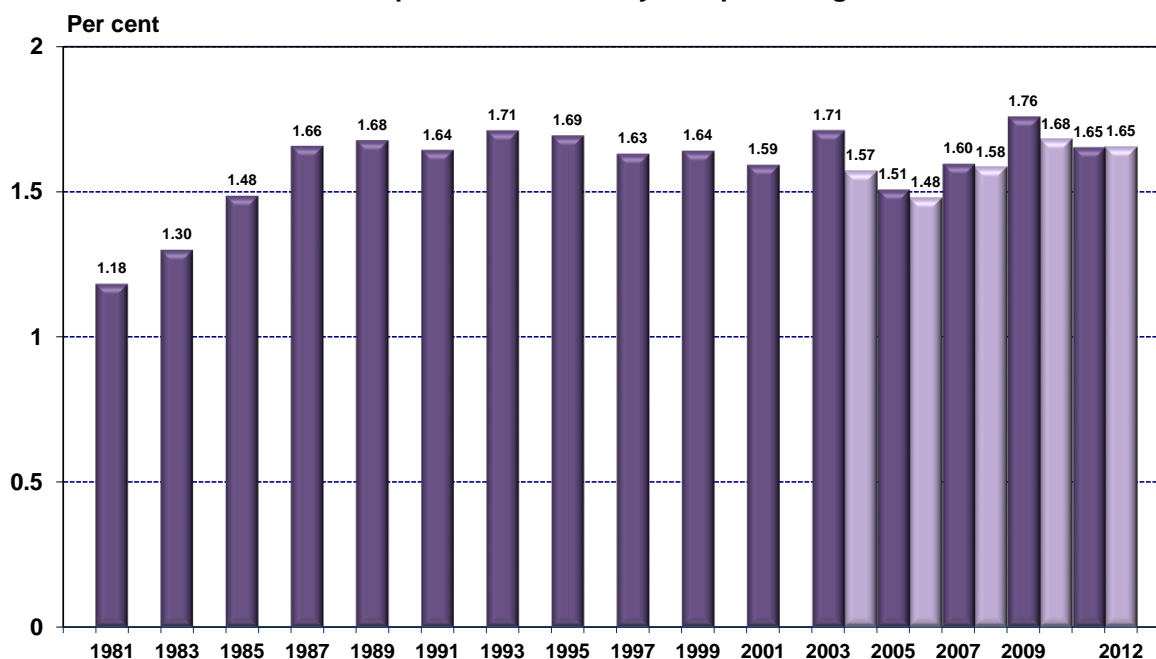


Source: NIFU and Statistics Norway

Previously published 2001-2009 figures for the industrial sector have been adjusted.

¹ Compared to OECD's classification the institute sector in Norway includes the Government sector and R&D institutions (not enterprises) in the Business Enterprise Sector.

Intramural R&D expenditure in Norway as a percentage of GDP 1981-2012.



Source: NIFU and Statistics Norway

National R&D expenditure amounted to 1.65 per cent of gross domestic product (GDP) in 2012, the same as in 2011. Since 2009, this ratio has decreased.

In 2012 a total of 38 000 R&D person-years were performed in Norway, approximately 850 more than in 2011. More than 70 per cent of the increase took place in the industrial sector, which also accounted for the greater part of the increase in salary expenditure. In the other two sectors the person-years increase was considerably lower.

R&D person-years in 2011 and 2012 by sector of performance.

Sector of performance	2011		2012		Diff. 2011-2012	
	Total	Of which: researchers	Total	Of which: researchers	Total	Of which: researchers
Industrial sector	15 545	10 925	16 159	..	614	..
Institute sector	9 123	6 543	9 232	6 611	109	68
Higher education sector	12 282	9 760	12 413	9 855	131	95
Total	36 950	27 228	37 804	..	854	..
of which health trusts	2 597	1 539	2 748	1 662	151	123

Source: NIFU and Statistics Norway

Statistics for the higher education sector in 2012 are limited to estimates of the main figures for R&D expenditure and R&D person-years, as this sector is only surveyed every second year, with the next in 2013. The R&D statistics for 2013 will be published by the end of 2014. More information on R&D in the industrial sector is available here:

<https://www.ssb.no/en/teknologi-og-innovasjon/statistikker/foun/>

The national R&D statistics for Norway are prepared and published annually on commission by The Research Council of Norway. NIFU is responsible for the higher education sector and the institute sector, while Statistics Norway is responsible for the industrial sector. NIFU is also responsible for compiling the sector data into the total R&D statistics for Norway and to report statistics to international organisations and agencies. The statistics are prepared on the basis of the OECD guidelines, as published in the Frascati manual. The R&D statistics are reported to the OECD data bases for Science & Technology as well as to Eurostat.

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The national R&D statistics for Norway are published by NIFU STEP <http://www.nifu.no/English/Pages/default.aspx>.

and the Research Council of Norway http://www.forskningsradet.no/en/Home_page/1177315753906

More information on the industrial sector is available on http://www.ssb.no/fou_en/