

## Real decrease in Norwegian R&D expenditure in 2010

Final statistics for expenditure on research and experimental development (R&D) amount these activities to 42.8 billion NOK in 2010, an increase of 880 million NOK compared to 2009. This corresponds to an increase of 2.1 per cent in current prices, but a 0.7 per cent decrease in fixed prices (as of 16<sup>th</sup> March 2012 100 NOK is equivalent to 13.25 EUR or 17.32 USD.)

Comparing the R&D performing sectors, the institute sector saw the largest real decrease of 2.1 per cent, while the decrease in the industrial sector was 0.3 per cent and in the higher education sector 0.2 per cent compared to 2009 statistics. If all sectors' capital expenditures are taken together, this shows a larger decrease (3.1 per cent) than the current expenditures (0.6 per cent).

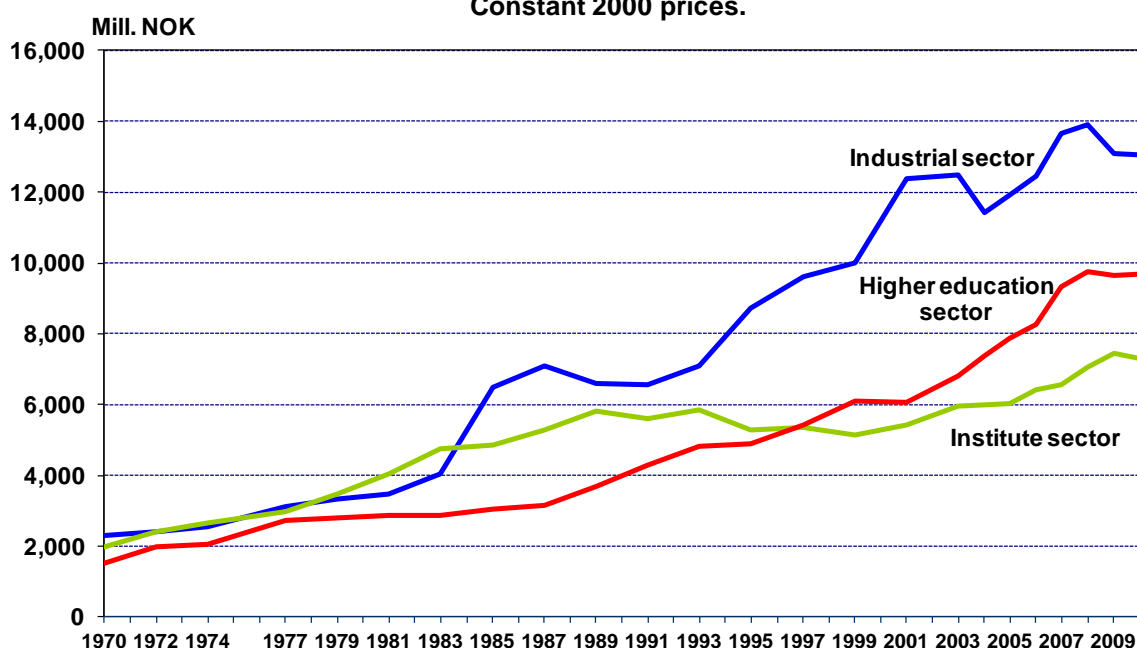
### R&D expenditure in Norway 2009 and 2010 by sector of performance. Million NOK.

Sector of performance	2009	2010	Diff. 2009-2010	% diff. in current prices	% diff. in constant prices
Industrial sector	18,201.9	18,513.8	311.9	1.7	-0.3
Institute sector	10,262.4	10,415.3	152.9	1.5	-2.1
Higher education sector	13,420.2	13,830.0	409.8	3.1	-0.2
Total	41,884.5	42,759.1	874.6	2.1	-0.7
Percentage of GDP	1.78	1.69			

Source: NIFU and Statistics Norway

Estimated figure for Higher education sector 2010.

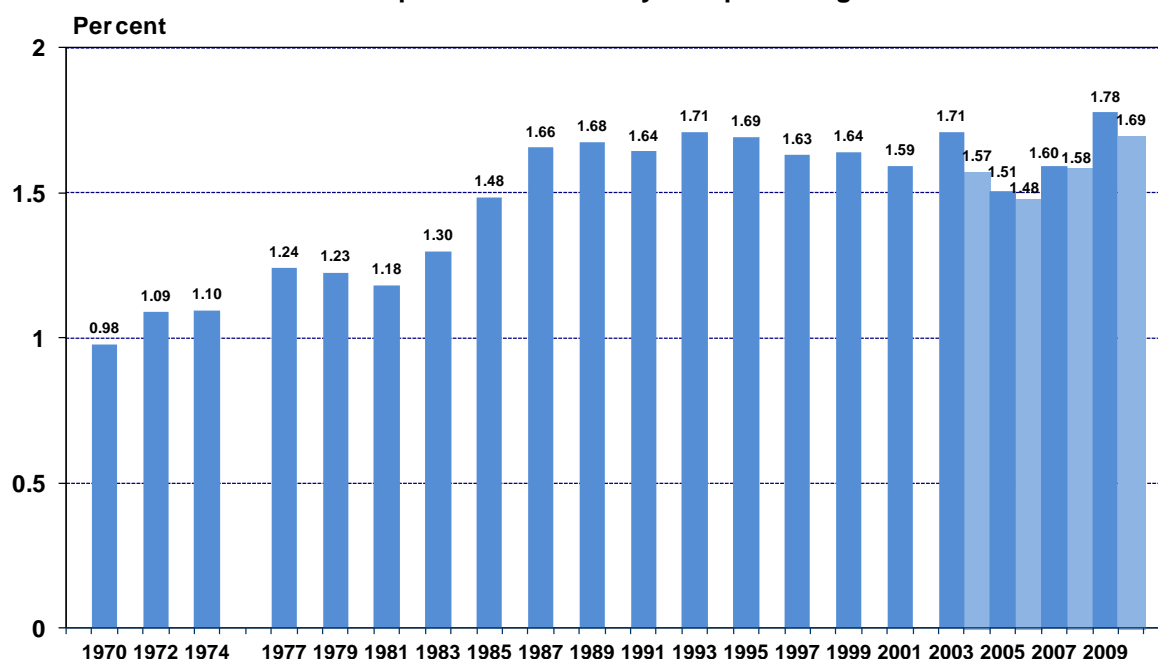
### Intramural R&D expenditure in Norway by sector of performance 1970-2010. Constant 2000 prices.



Source: NIFU and Statistics Norway

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

### Intramural R&D expenditure in Norway as a percentage of GDP 1970-2010.



Source: NIFU and Statistics Norway

National R&D expenditure was equivalent to 1.69 per cent of gross domestic product (GDP) in 2010, a decrease compared to 2009, when the percentage was 1.78.

In 2010 a total of 36 100 R&D person-years were performed in Norway, approximately 30 more than in 2009. This increase was based on R&D performed by persons with a higher education degree/researchers. In contrast, the number of person-years performed by *other* R&D personnel *decreased* by 150 in 2010. In the industrial sector there was a decrease of 350 person-years, while the higher education sector saw an increase of 300 person-years.

#### R&D person-years in 2009 and 2010 by sector of performance.

Sector of performance	2009		2010		Diff. 2009-2010	
	Total	Of which: researchers	Total	Of which: researchers	Total	Of which: researchers
Industrial sector	15,673	10,783	15,321	10,622	-352	-161
Institute sector	8,763	6,328	8,832	6,361	69	33
Higher education sector	11,655	9,162	11,970	9,470	315	308
<b>Total</b>	<b>36,091</b>	<b>26,273</b>	<b>36,123</b>	<b>26,453</b>	<b>32</b>	<b>180</b>

Source: NIFU and Statistics Norway

Statistics for the higher education sector in 2010 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 2011. The R&D statistics for 2011 will be published by the end of 2012.

More information on R&D in the industrial sector is available on [http://www.ssb.no/fou\\_en/](http://www.ssb.no/fou_en/)

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. Enquiries on the higher education sector may be addressed to [Kaja.Wendt@nifu.no](mailto:Kaja.Wendt@nifu.no) tel. ++47 22 59 51 66, on the institute sector to [Bo.Sargebakken@nifu.no](mailto:Bo.Sargebakken@nifu.no) tel. ++47 22 59 51 63, and on the health trusts to [Ole.Wiig@nifu.no](mailto:Ole.Wiig@nifu.no) tel. ++47 22 59 51 85. Enquiries on R&D in the industrial sector may be addressed to [Frank.Foyn@ssb.no](mailto:Frank.Foyn@ssb.no), tel. ++47 21 09 46 88, [Kristine.Langhoff@ssb.no](mailto:Kristine.Langhoff@ssb.no), tel.: ++47 21 09 43 91 or [Harald.Fondevik@ssb.no](mailto:Harald.Fondevik@ssb.no), tel.: ++47 21 09 47 51.

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.forskingsradet.no/en/Home\\_page/1177315753906](http://www.forskingsradet.no/en/Home_page/1177315753906)

More information on the industrial sector is available on [http://www.ssb.no/fou\\_en/](http://www.ssb.no/fou_en/)