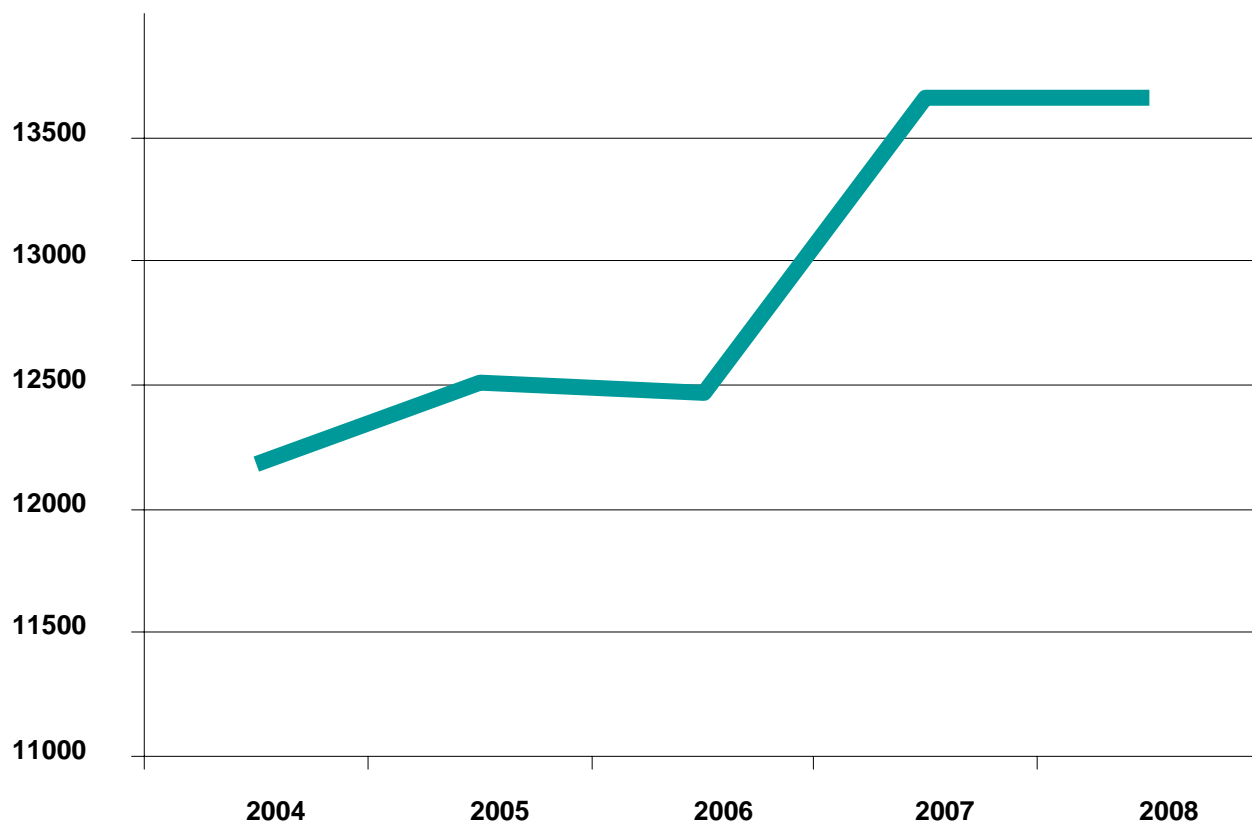


## **Energy consumption**

Responsible use of resources is a key factor in sustainable development. Reflecting its commitment to sustainability, Roche is continuously endeavouring to cut Group energy consumption. The success of these efforts is clear from the achievements in this respect over recent years. Despite the change in the scope of reporting as of 2004 to include fuel consumption for business travel and for the operation of Roche's car fleet, it has been possible to achieve a 53.5% reduction in energy consumption in relation to sales since 1992.

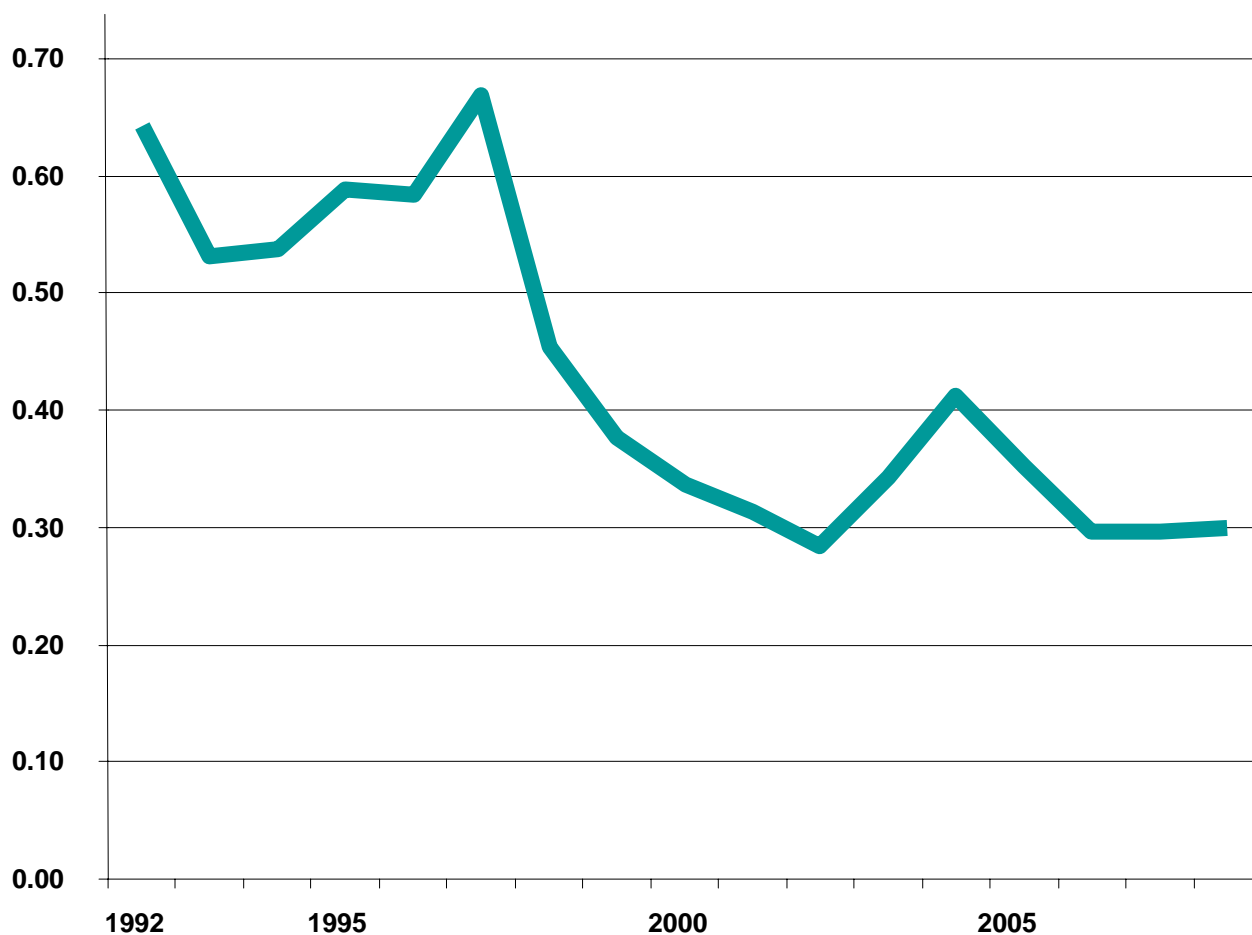
In 2008, overall energy consumption could be reduced by 2 terajoules in absolute terms, totalling 13662 terajoules. Different measures developed in action plans to achieve the Group goal 2010 have contributed to this result. Considering the development of sales as well as the increasing number of employees a decoupling of energy consumption from corporate growth is obvious.

### Energy consumption (TJ)



Year	2004	2005	2006	2007	2008
TJ Energy	11909	12515	12467	13664	13662

### Energy consumption (TJ) per CHF 1 mio sales



Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
TJ / 1Mio CHF	0.643	0.532	0.537	0.589	0.583	0.668	0.453	0.376	0.337	0.314	0.284	0.343	0.413	0.352
Year	2006	2007	2008											
TJ / 1Mio CHF	0.297	0.296	0.299											

The trend since 2003 is a reflection of the changes in the system boundaries for collecting key figures. The contributions made by our affiliates Genentech and Chugai have been included since 2004. Energy consumption and greenhouse gas emissions take account of the corporate vehicle fleet and business travel.