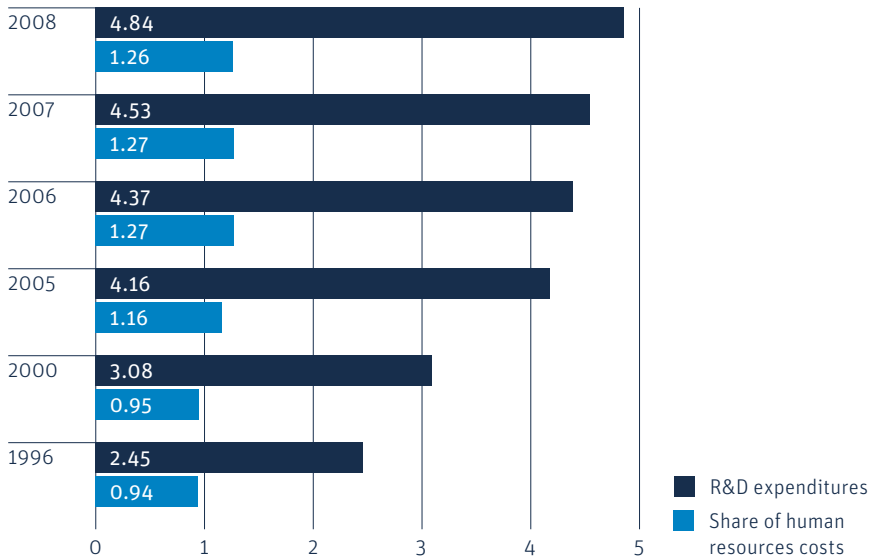


## R&D Expenditures of the vfa Member Companies

in EUR billion



2008: provisional data

Source: vfa

Once again, the research-based pharmaceutical companies in Germany intensified and expanded their research and development (R&D) activities for new pharmaceuticals in 2008. R&D expenditures were up 6.9 percent to EUR 4.84 billion, which corresponds to more than EUR 13 million per day. As a result, not just the volume increased significantly. Research intensity has grown as well. At 13.2 percent, a higher share of sales was invested in R&D activities than during the previous year (12.8 percent). Even though pharmaceutical products make up only about 2.5 percent of German industry sales, the research-based pharmaceutical companies contributed more than 10 percent of R&D spending in 2007. This share may have even increased in 2008.