Due to changes in the definition and measurement of innovations (according to the Oslo Manual, 4th edition), the values for 2018 are not comparable with previous years.

Including mining/quarrying and energy/water/disposal.

Wholesale trade, transportation/storage/post, media and financial services, computer activities/telecommunications, engineering services, scientific research and development, consultancy/advertising and other business services.

Source: Centre for European Economic Research – Mannheim Innovation Panel

BMBF’s Data Portal: Figure link: datenportal.bmbf.de/fig-20
Additional data: datenportal.bmbf.de/en/1.8.6