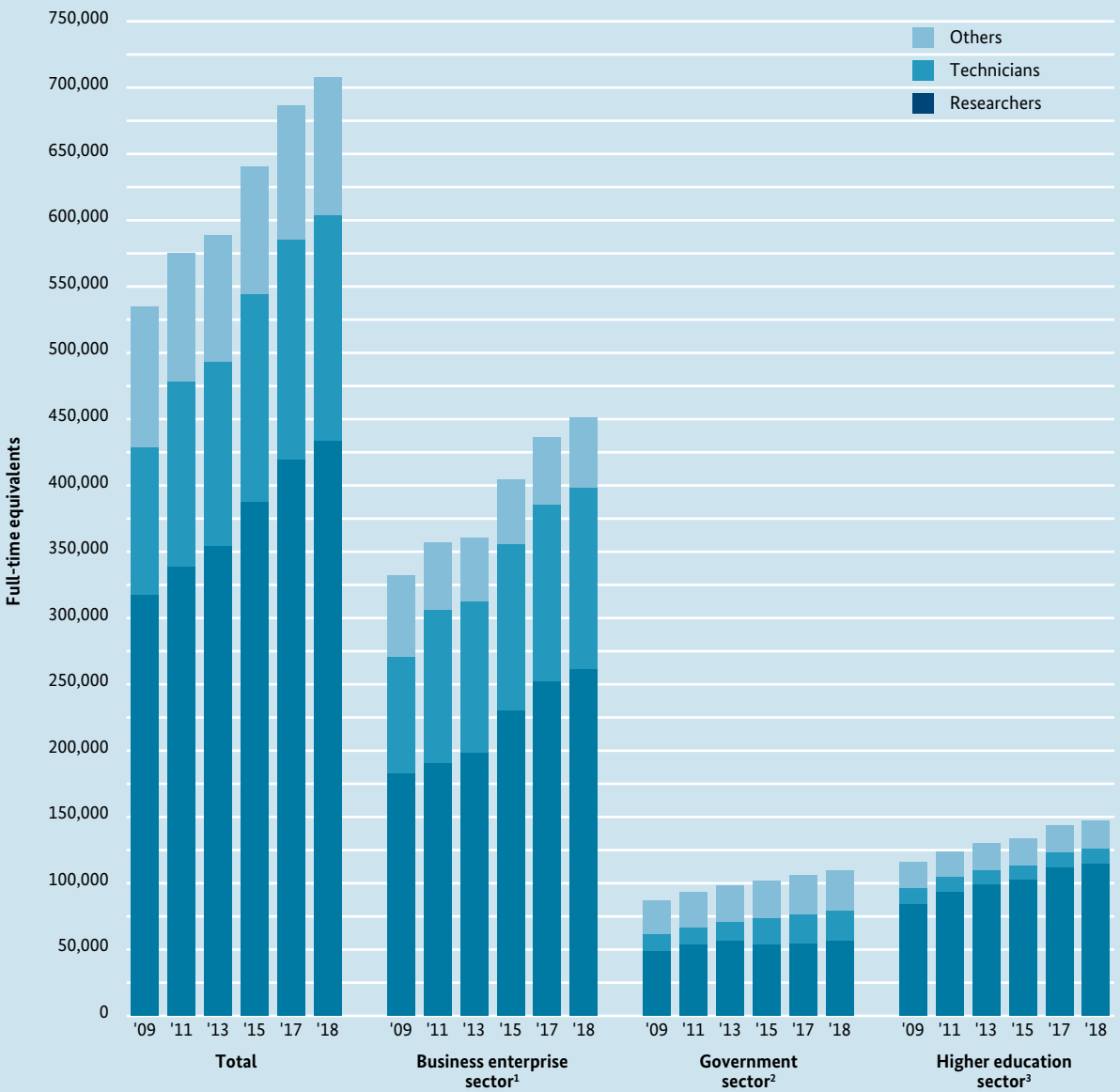


Chart 1.7.1 R&D personnel, by personnel groups and sectors of employment, based on full-time equivalents (2009-2018)



Explanation of abbreviations/symbols: R&D = research and development.

1) 2018: estimated data for technicians and other R&D personnel.

2) Government institutions and private non-profit organisations financed primarily by the government.

3) Figures for the higher education sector refer to full-time staff of private and state universities (ACTUAL), calculated in accordance with the procedure agreed on by the Standing Conference of the Ministers of Education and Cultural Affairs of the *Länder* in the Federal Republic of Germany (KMK), the German Council of Science and Humanities, the Federal Ministry of Education and Research (BMBF) and the Federal Statistical Office.

Source: Stifterverband Wissenschaftsstatistik; Federal Statistical Office

BMBF's Data Portal: Additional data: www.datenportal.bmbf.de/en/1.7.1

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