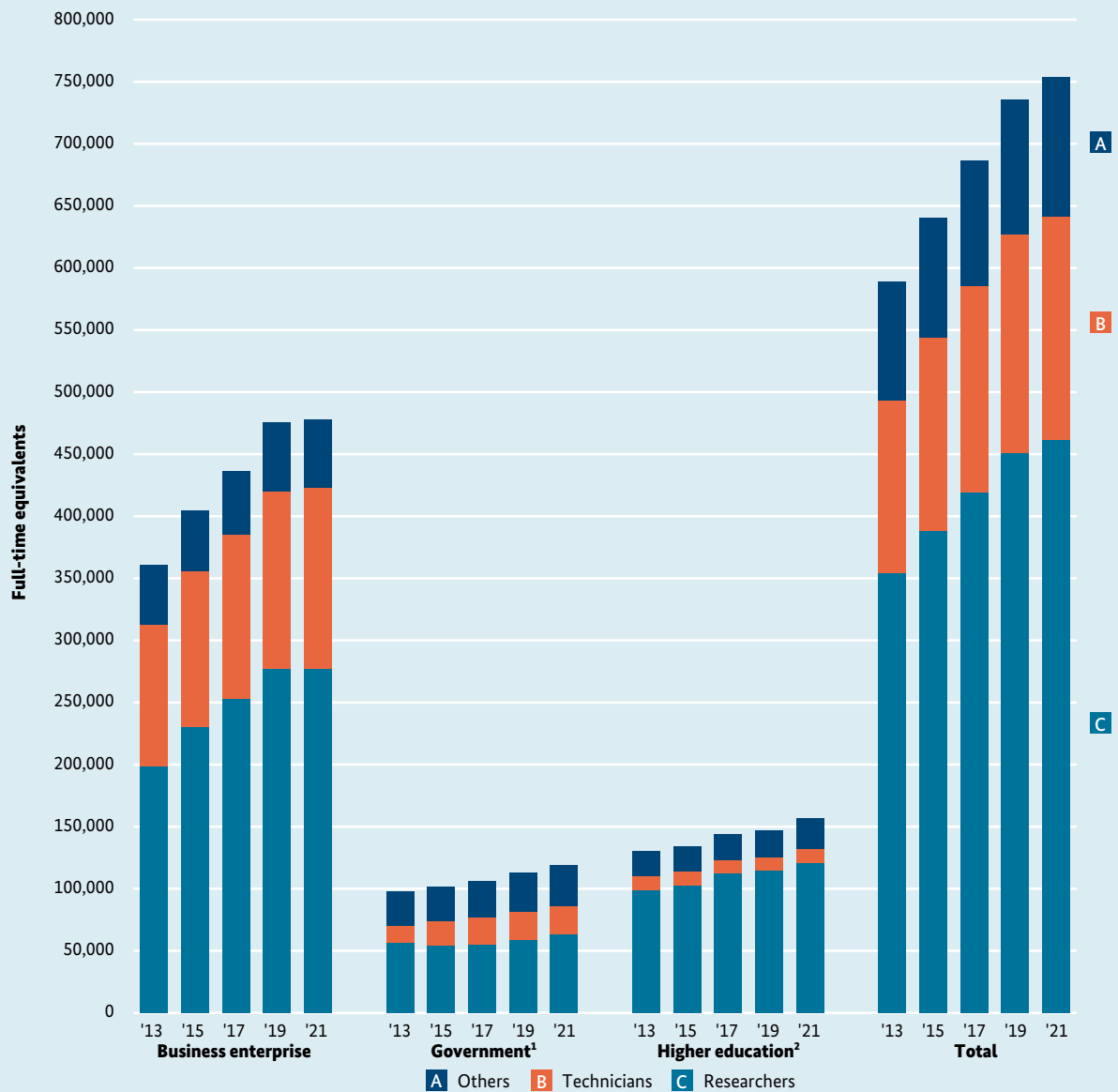


**Chart 1.7.1 R&D personnel, by personnel groups and sectors of employment, based on full-time equivalents (2013-2021)**



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

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

2) 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, special evaluation; Federal Statistical Office, special evaluation

**BMBF's Data Portal:** Additional data: [datenportal.bmbf.de/en/1.7.1](https://datenportal.bmbf.de/en/1.7.1)

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