



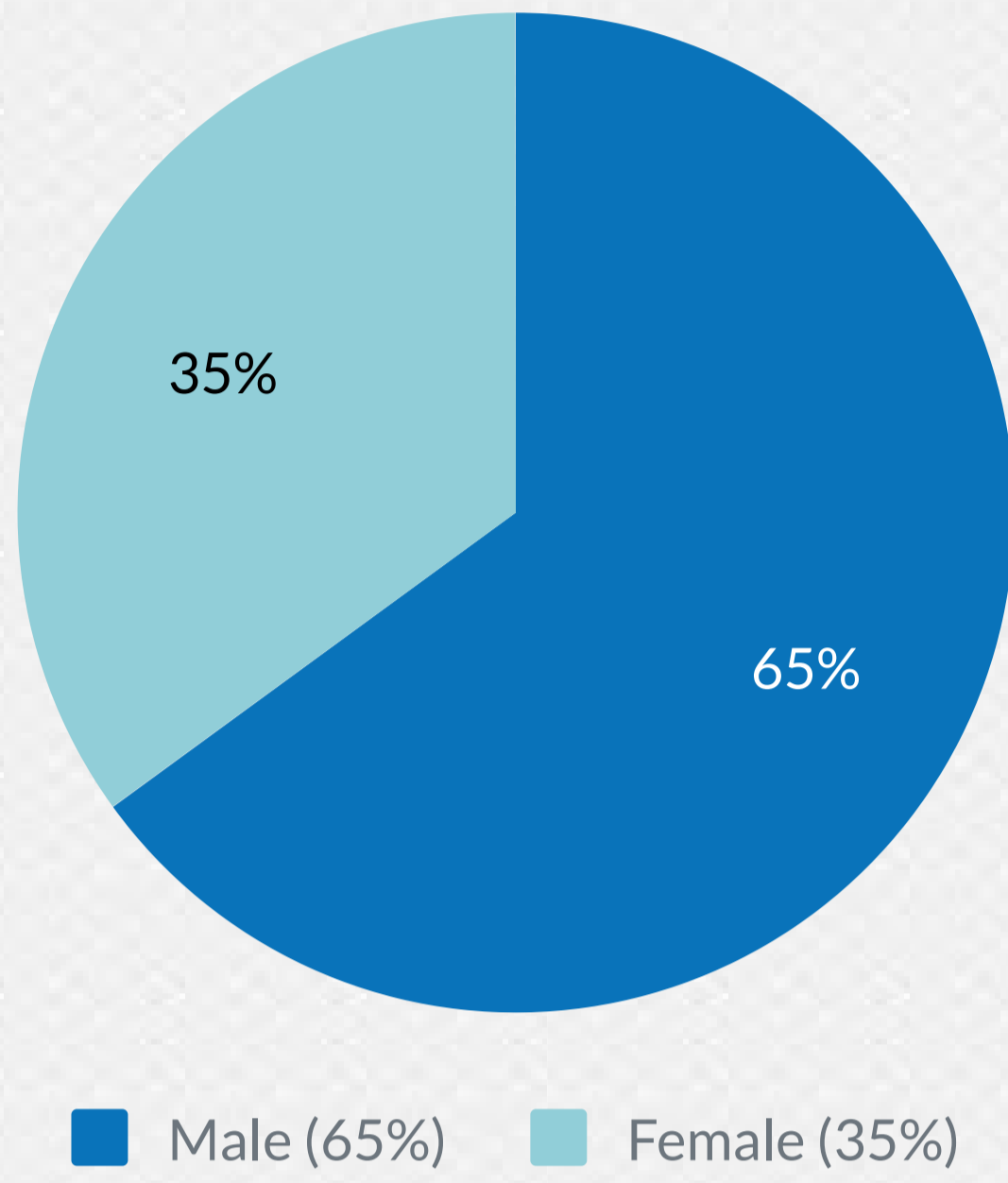
The PhDetectives survey provides a unique outlook on the variety of positions held by PhDs in Canada.

PhDs working in information technology (IT) fill positions related to programming, analysis, design, and even management.

Positions mentioned by respondents:

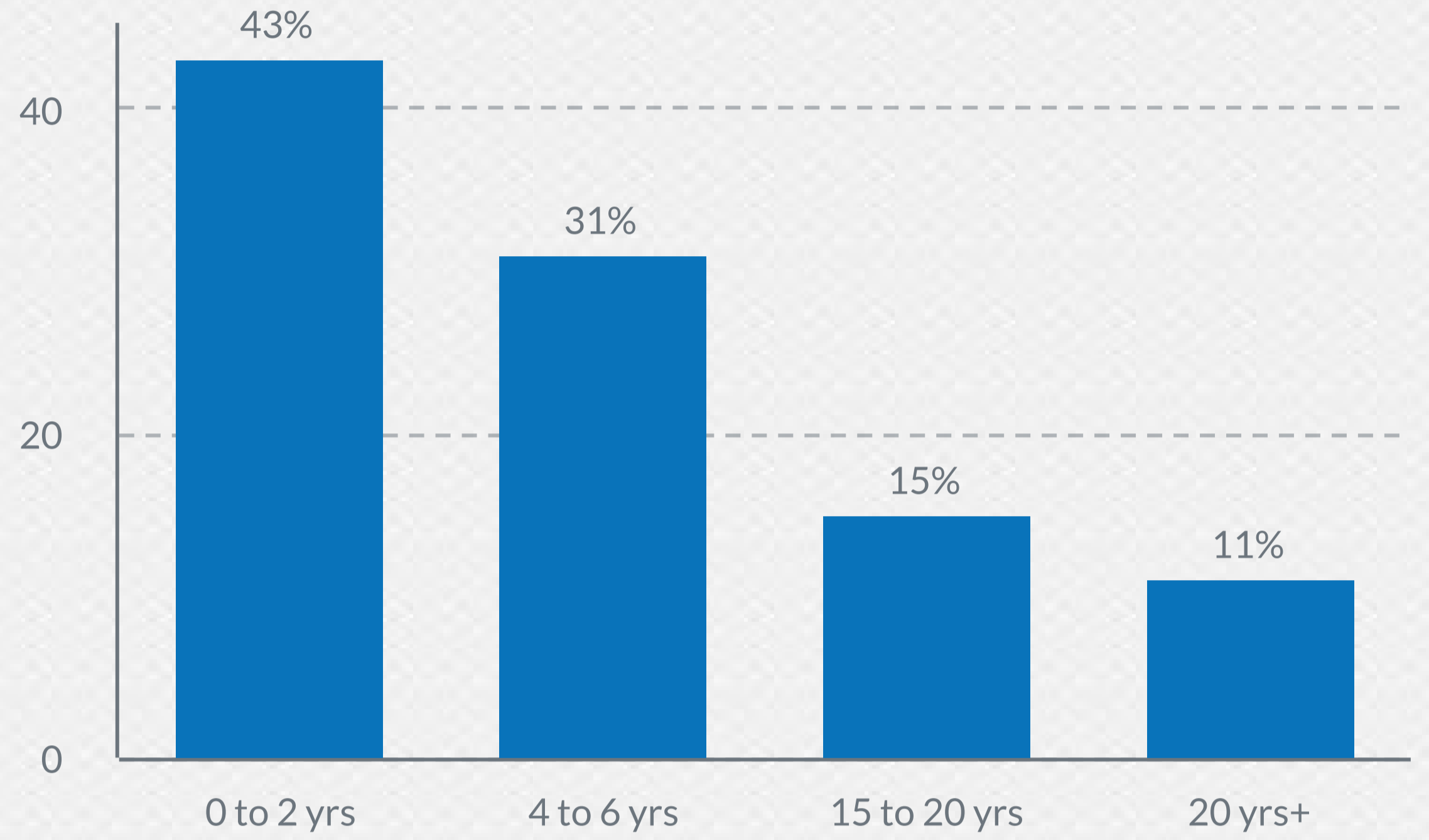
- Data Scientist
- Engineer
- Project Manager
- Software Engineer
- Program Manager
- Software Tester

Gender distribution



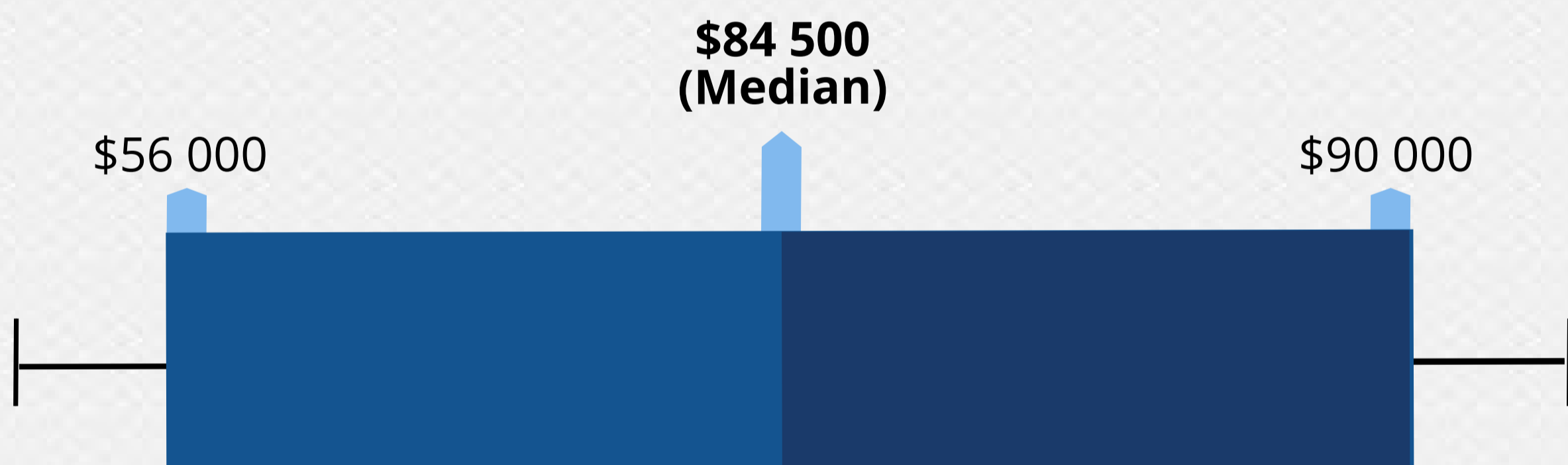
The IT field is predominantly male.

Seniority of PhDs (years since defense)



A large proportion of respondents employed in IT have defended their thesis within the last 6 years.

Gross yearly wage (CAD)



50% of respondents working in IT have salaries between \$56,000 and \$90,000

The median salary is estimated at \$84,500

Competencies considered " core " by the respondents

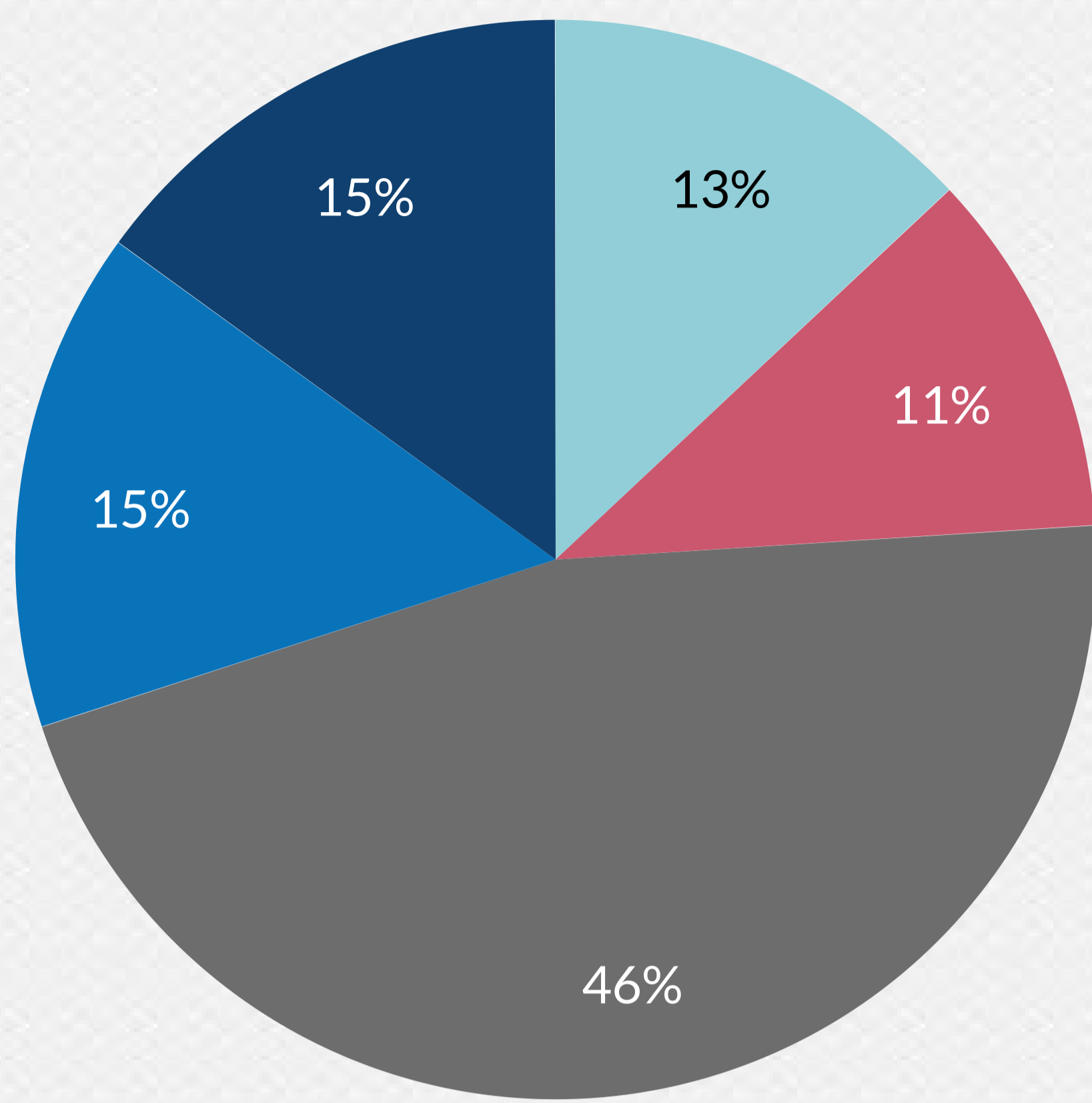
Grouping of skills seen by respondents as essential to perform IT functions.

- Personnel management
- Negotiation skills
- Safety concerns
- Knowledge of the industrial environment
- Assiduousness
- Industrial outlook
- Sincerity
- Vision
- Knowledge of regulations
- Attentiveness
- Product knowledge
- Proposal generation
- Concentration



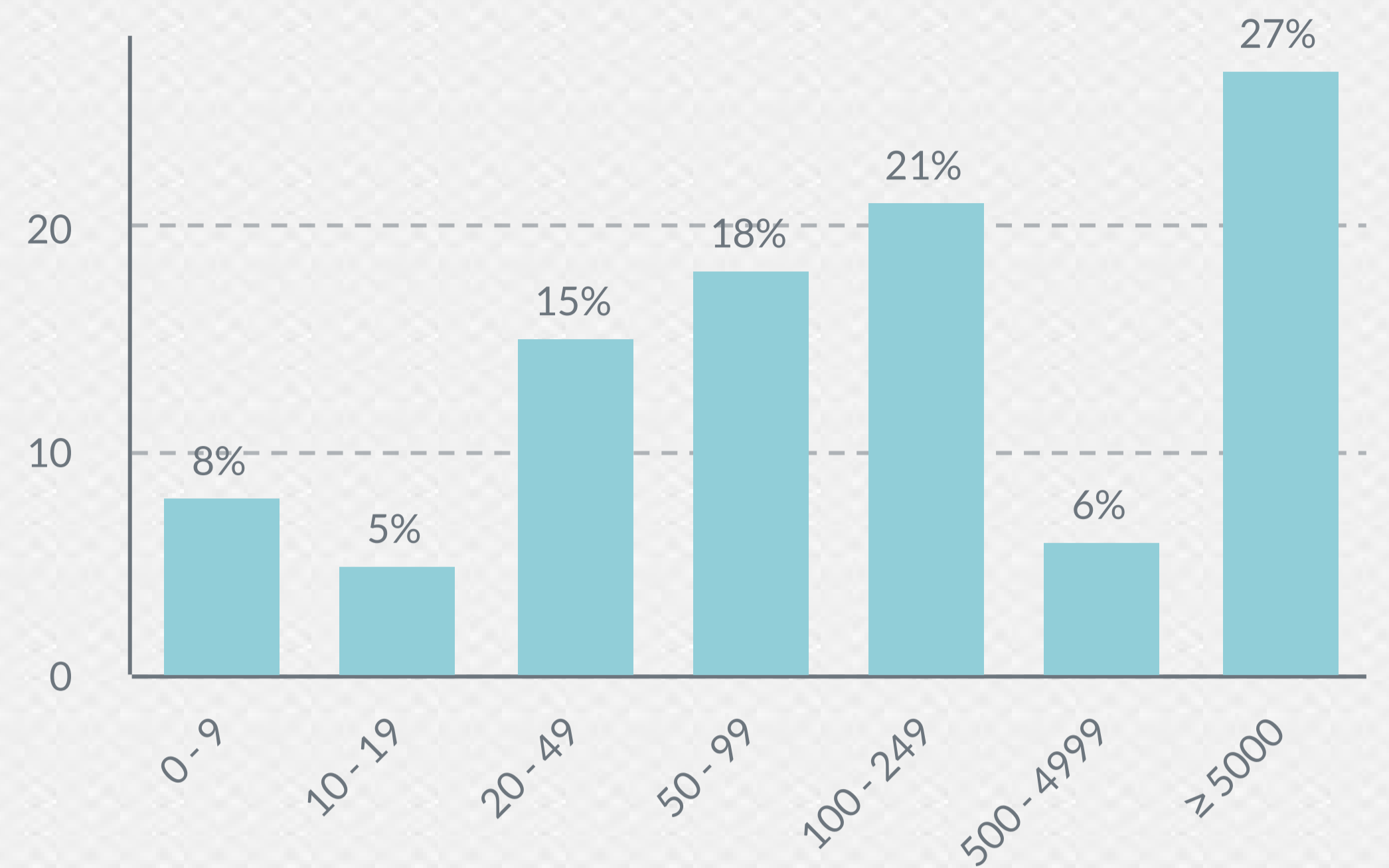
To learn more about the key competencies of PhDs in Canada, see full PhDetectives report.

PhD distribution in administrative jobs by research discipline



- Architecture, engineering and related technologies (13%)
- Humanities (11%)
- Mathematics, computer and information sciences (46%)
- Physical and life sciences and technologies (15%)
- Social and behavioural sciences and law (15%)

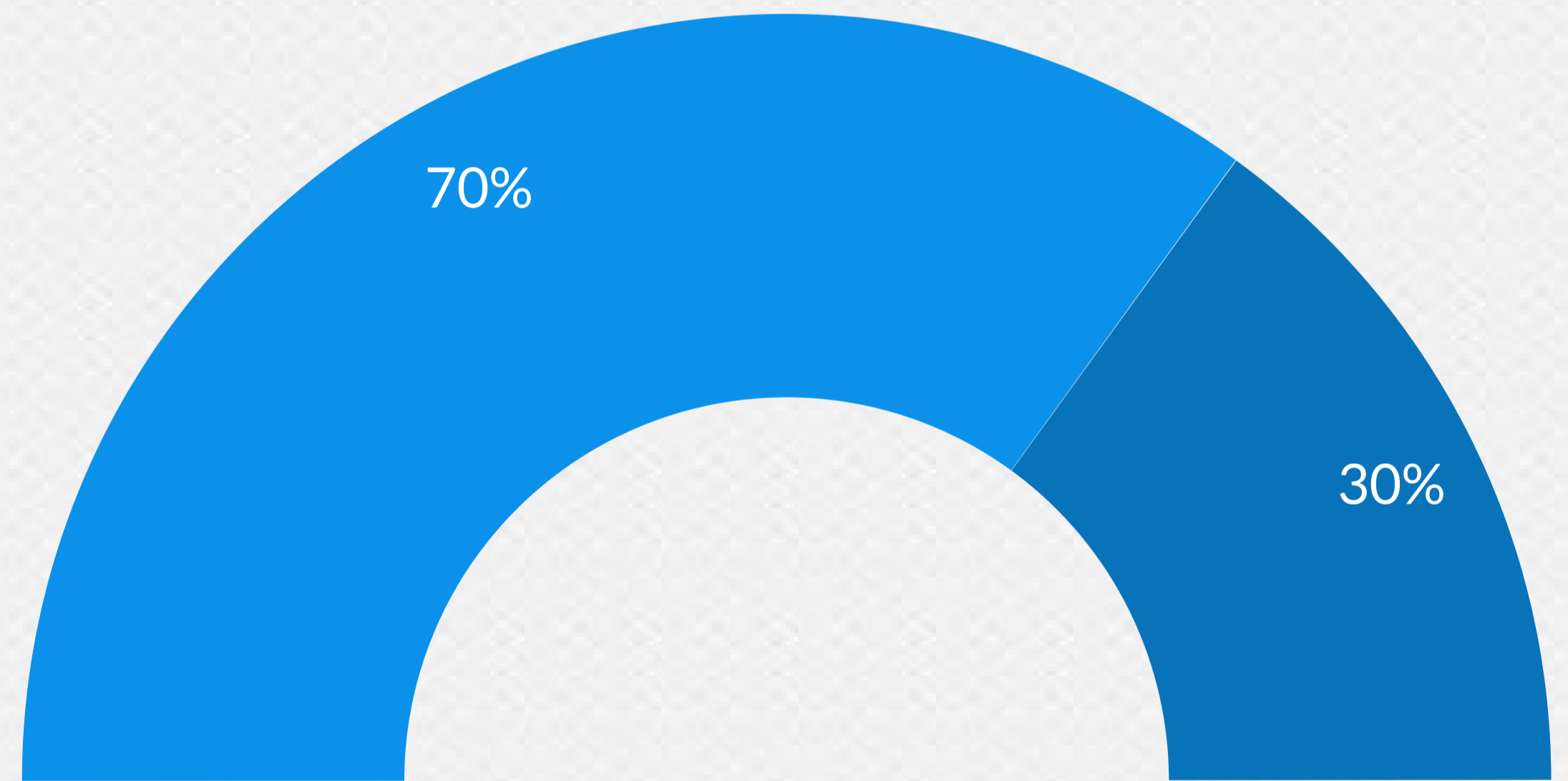
Organization size (number of employees)



PhDs in IT roles work in organizations of varying sizes. Half of the respondents work in organizations with 100 or more employees.

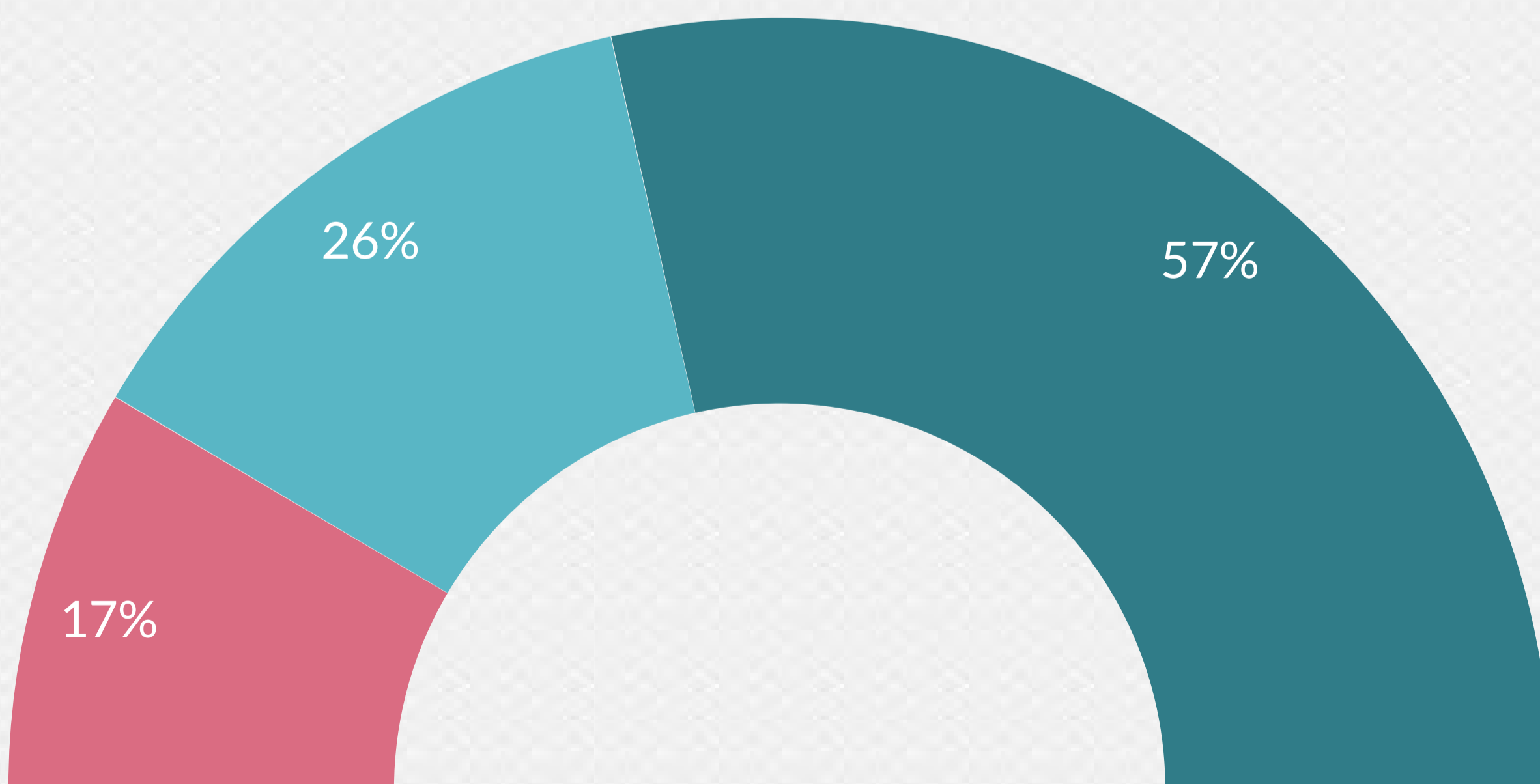
Organization type

The majority of PhDs surveyed who hold IT positions work for private companies.



- Private, industrial or commercial (70%)
- Public (30%)

Sector of activity



The majority of PhDs involved in information technology work in organizations related to the professional, scientific and technical services sector.

- Arts, entertainment and recreation (17%)
- Information and cultural industries (26%)
- Professional, scientific and technical services (57%)