WHAT IS YOUR CURRENT ROLE?

1 System Administrator **32.8%**

2 No control over I.T. **21.6%**

3 Other role in charge of I.T. **16.1%**

4 MSP (Managed Service Provider) **12.2%**

5 Business owner who handles I.T. **10.1%**

6 CIO/CTO/CISO **7.2%**
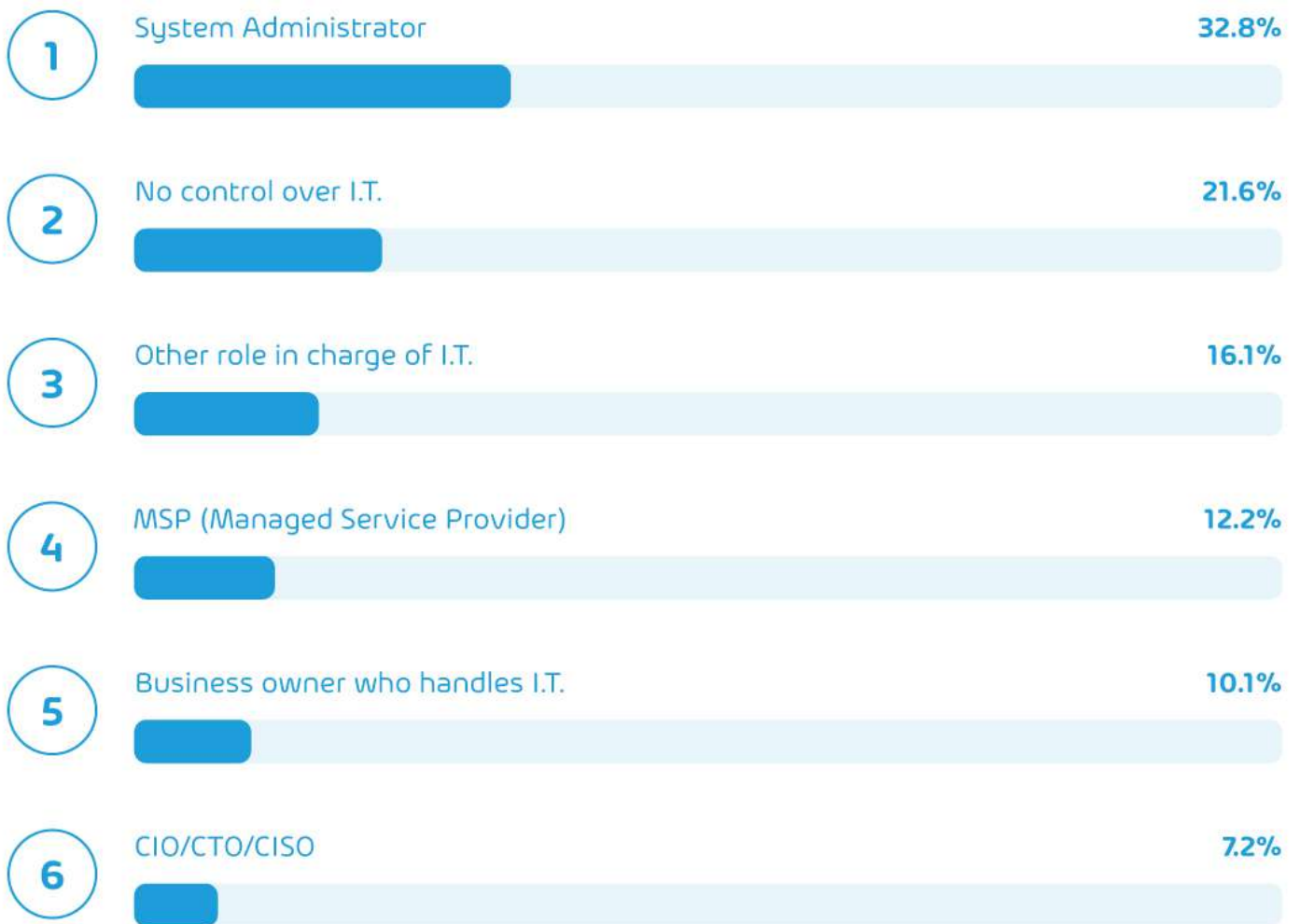
HOW CONCERNED ARE YOU ABOUT A RANSOMWARE ATTACK IMPACTING YOUR ORGANIZATION?

3.4%	7%	25.2%	31.9%	32.5%
1	**2**	**3**	**4**	**5**
Not at all concerned		Moderately concerned		Extremely concerned
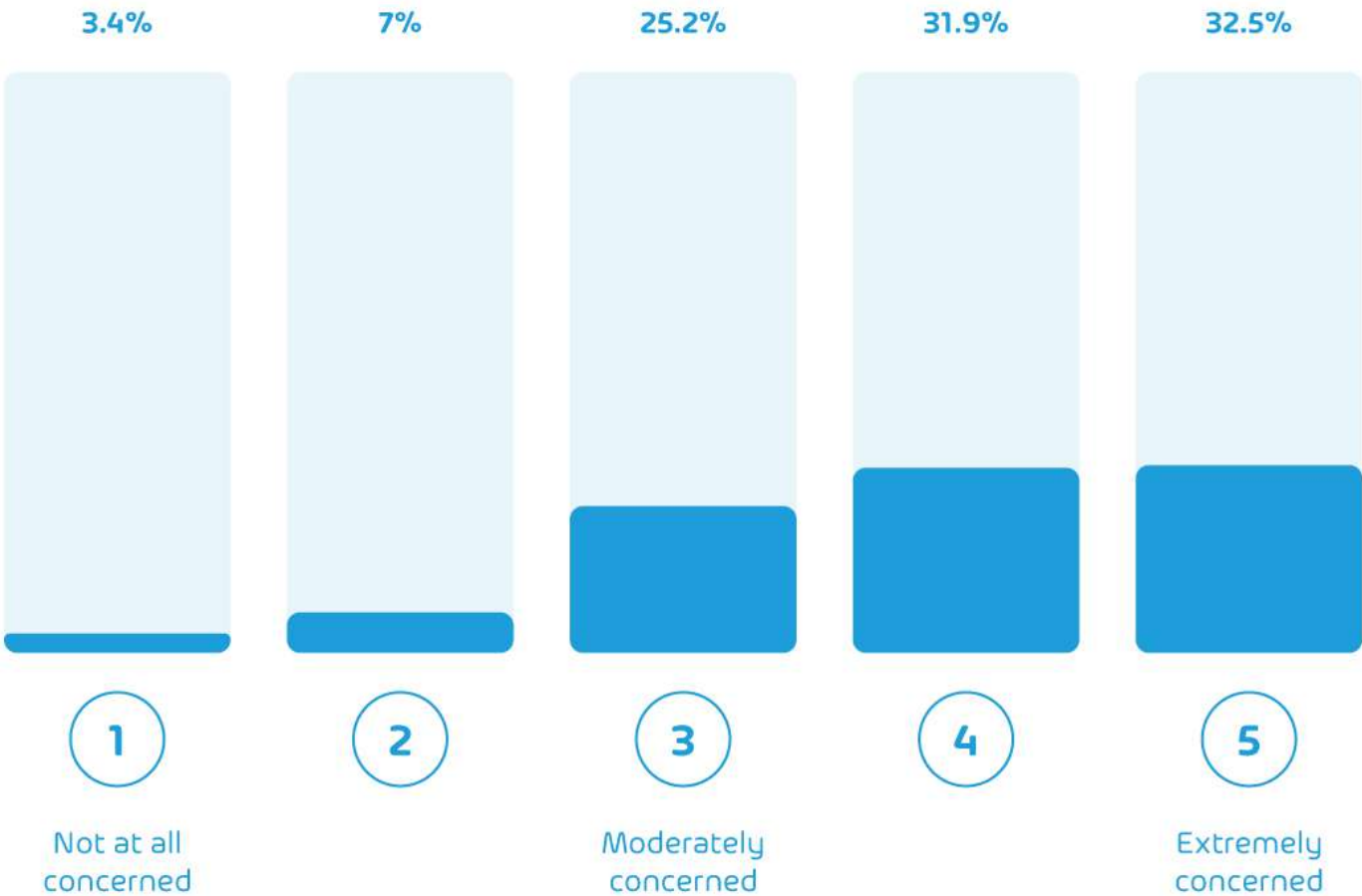
HOW WOULD YOU RANK RANSOMWARE PROTECTION IN TERMS OF I.T. PRIORITIES FOR YOUR ORGANIZATION?

| 1% | 4.9% | 17.5% | 34.5% | 42.1% |

1 — Not at all important

2

3 — Moderately important

4

5 — Extremely important
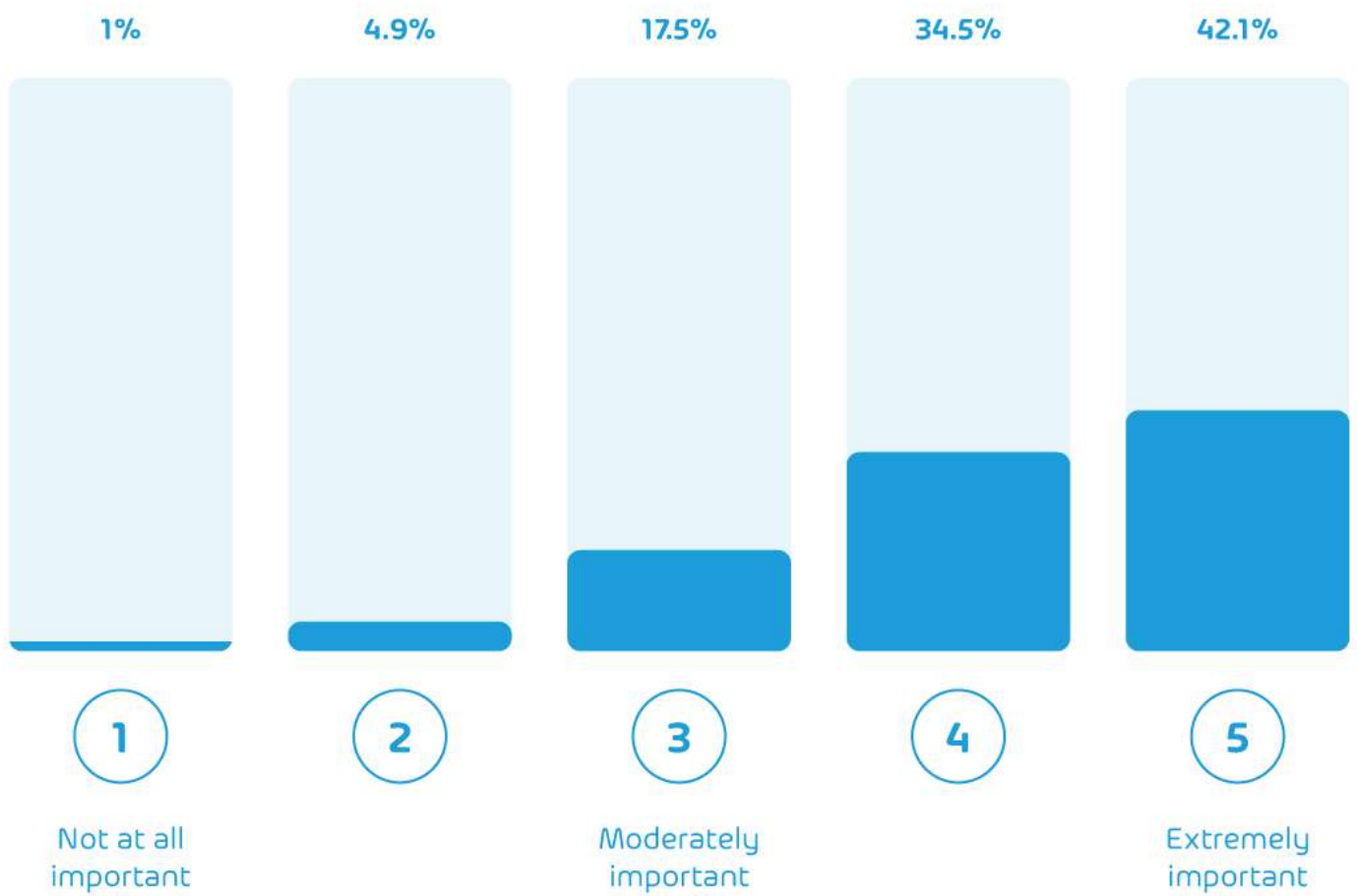
IN THE EVENT OF A RANSOMWARE ATTACK, DOES YOUR ORGANIZATION HAVE A DISASTER RECOVERY PLAN IN PLACE?

1 Yes   **81.4%**

2 No   **18.6%**

DO YOU CURRENTLY PROTECT YOUR BACKUPS FROM RANSOMWARE?

1 Yes 84.2%

2 No 15.8%

WHAT IS THE PRIMARY SECURITY FEATURE YOU USE TO PROTECT YOUR BACKUPS FROM RANSOMWARE?

1 Air-gapped off-site storage — **36.8%**

2 Immutable storage — **23.1%**

3 Disconnected NAS storage — **19.3%**

4 Physical media (ex. tape, DVD) — **15.2%**

5 Other — **5.6%**
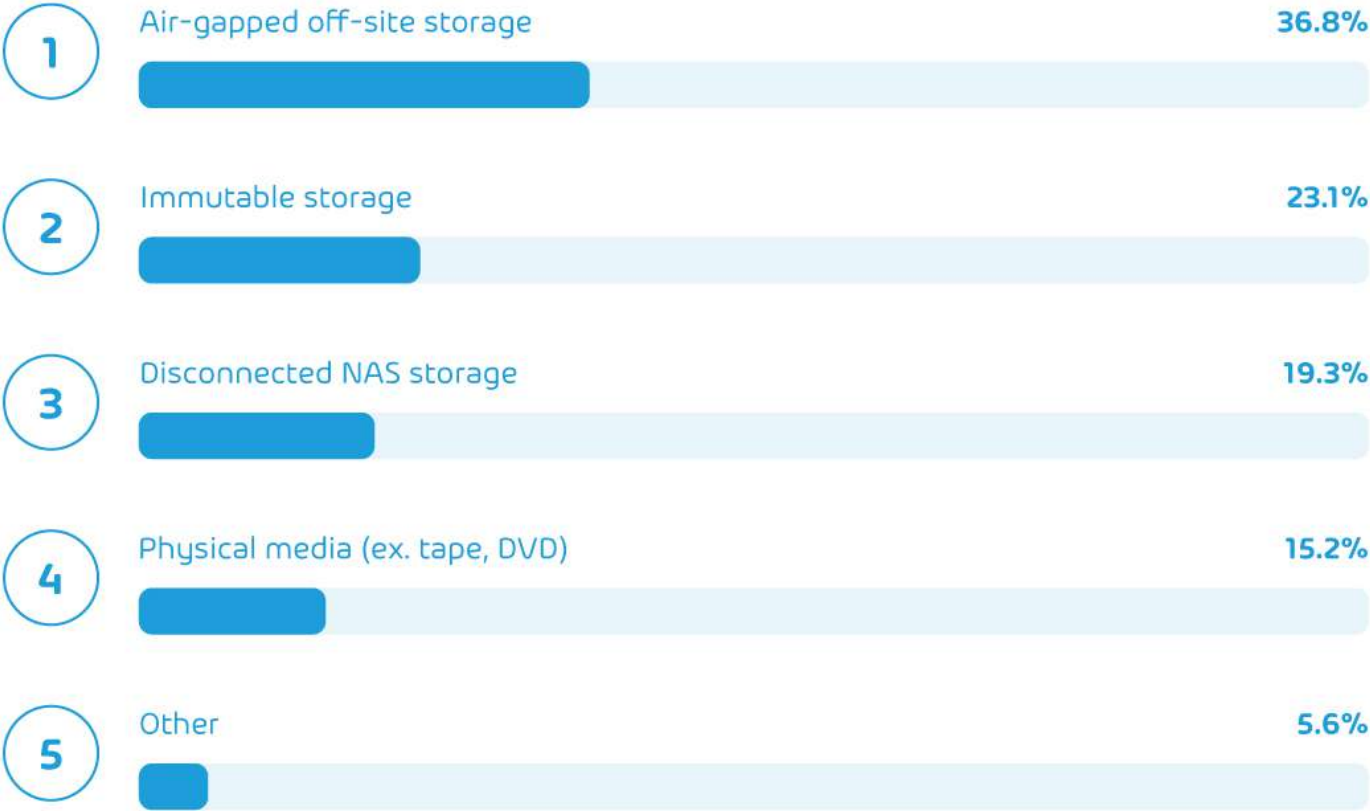
HOW CONFIDENT ARE YOU IN THIS METHOD?

0.4%	2.8%	30%	43.3%	23.6%

1 — Not at all confident

2

3 — Moderately confident

4

5 — Extremely confident
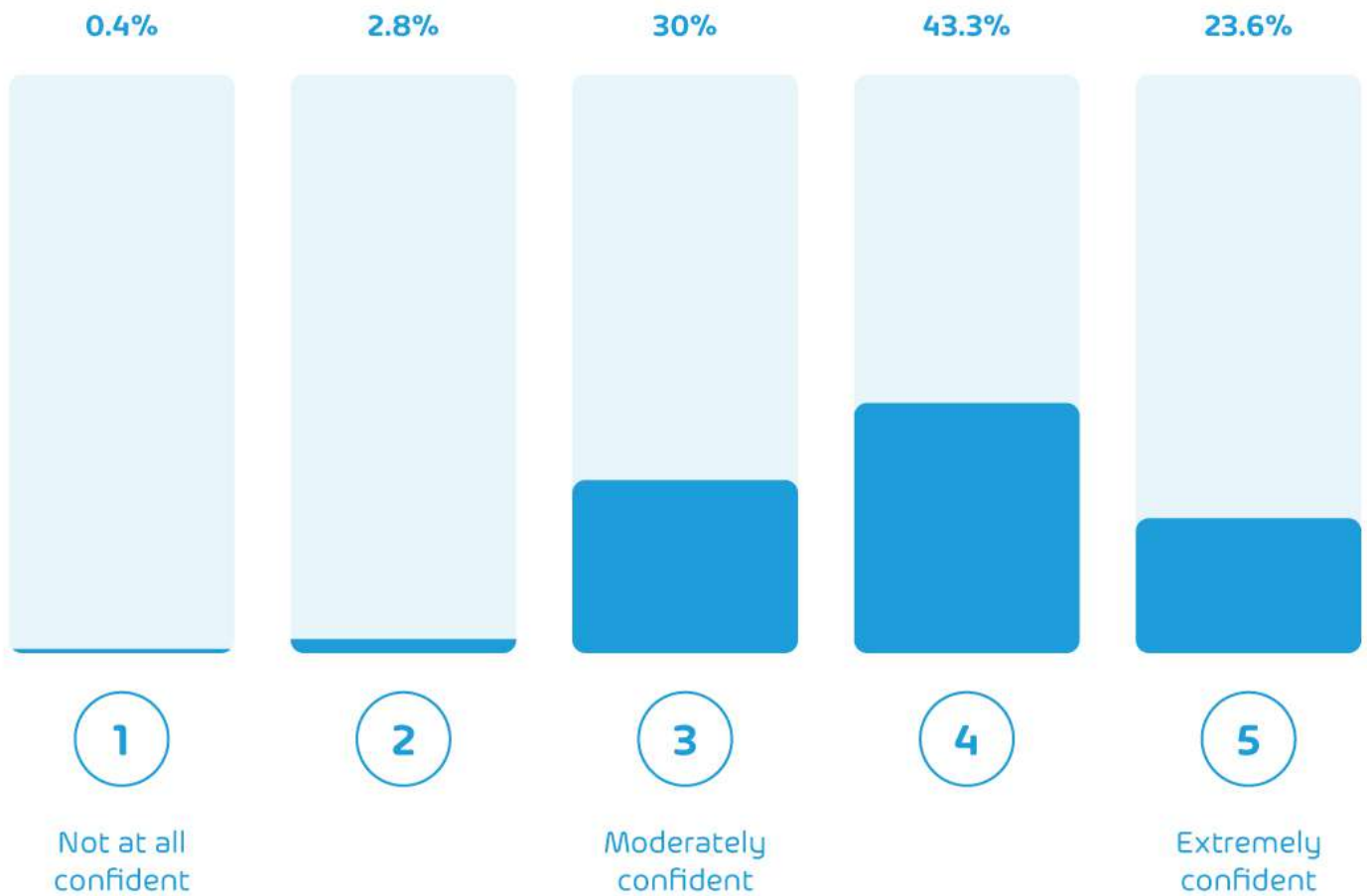
ARE YOU USING ANY OF THE FOLLOWING TECHNOLOGIES TODAY TO HELP COMBAT RANSOMWARE WITHIN YOUR ORGANIZATION?

1   End-Point detection software with anti-ransomware capabilities   **69.2%**

2   Email filtration and threat analysis   **61.4%**

3   Air-gapped off-site storage   **36.4%**

4   Immutable storage   **25.5%**

5   Application whitelisting   **25.3%**

6   None of the above   **6.1%**
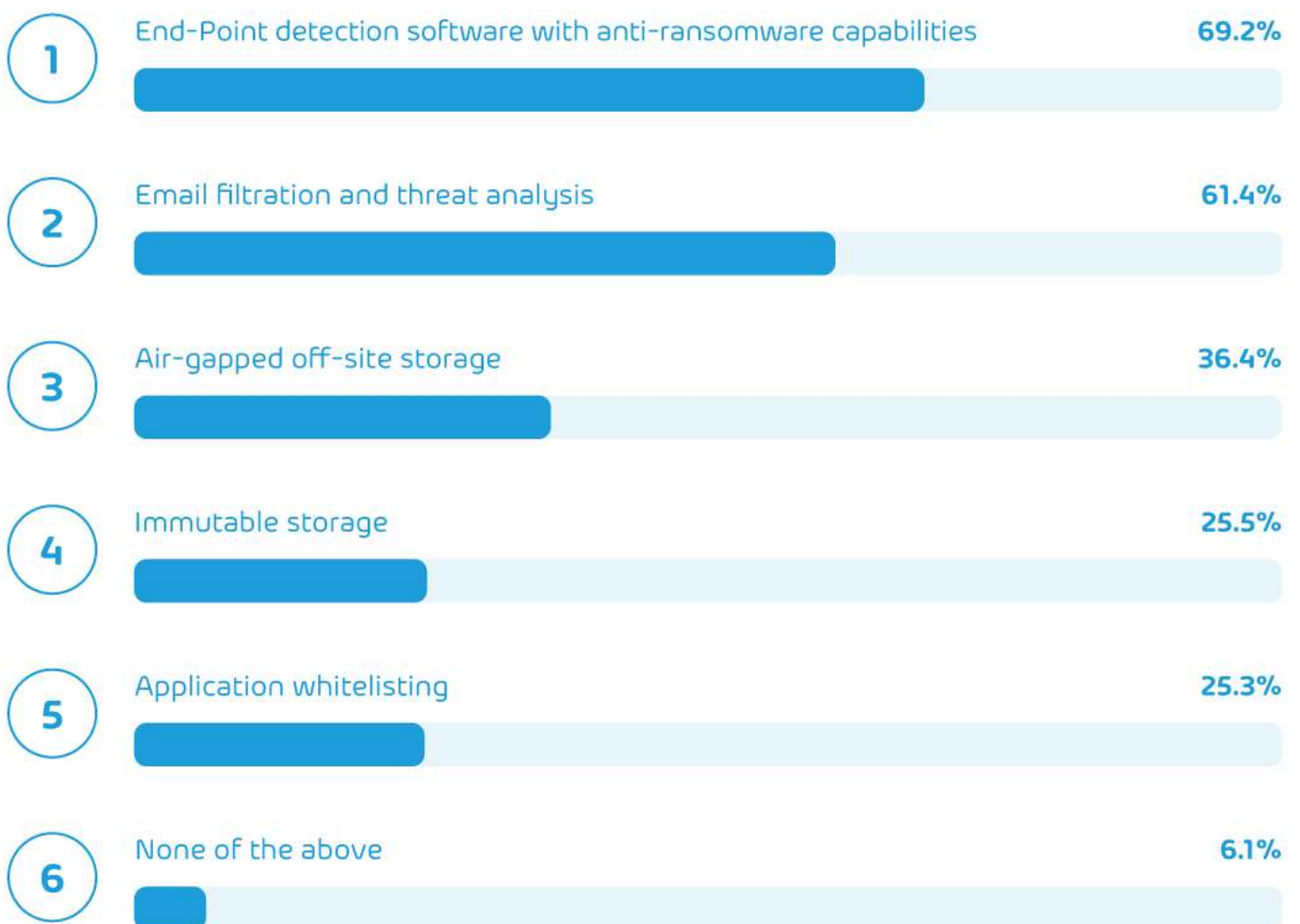
HAS THE THREAT OF RANSOMWARE ATTACKS CHANGED THE WAY YOUR ORGANIZATION BACKS UP ITS DATA?

1 Yes — 65.7%

2 No — 34.3%
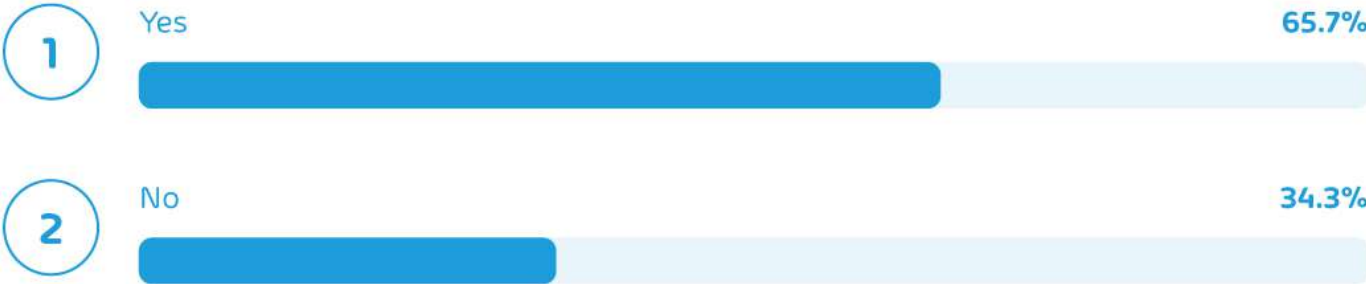
HAS YOUR ORGANIZATION BEEN THE VICTIM
OF A RANSOMWARE ATTACK TO DATE?

1   No   **76.1%**

2   Yes, more than 12 months ago   **17.3%**

**3**   Yes, in the last 12 months   **5%**

4   Yes, multiple times   **1.6%**

WAS YOUR ORGANIZATION ABLE TO RECOVER FROM BACKUP, FORCED TO PAY THE RANSOM, OR WAS THE COMPROMISED DATA LOST?

1 Data recovered from backup — **74.8%**

2 Data was lost — **14.1%**

3 Ransom was paid to recover the data — **6.6%**

4 Other — **4.5%**
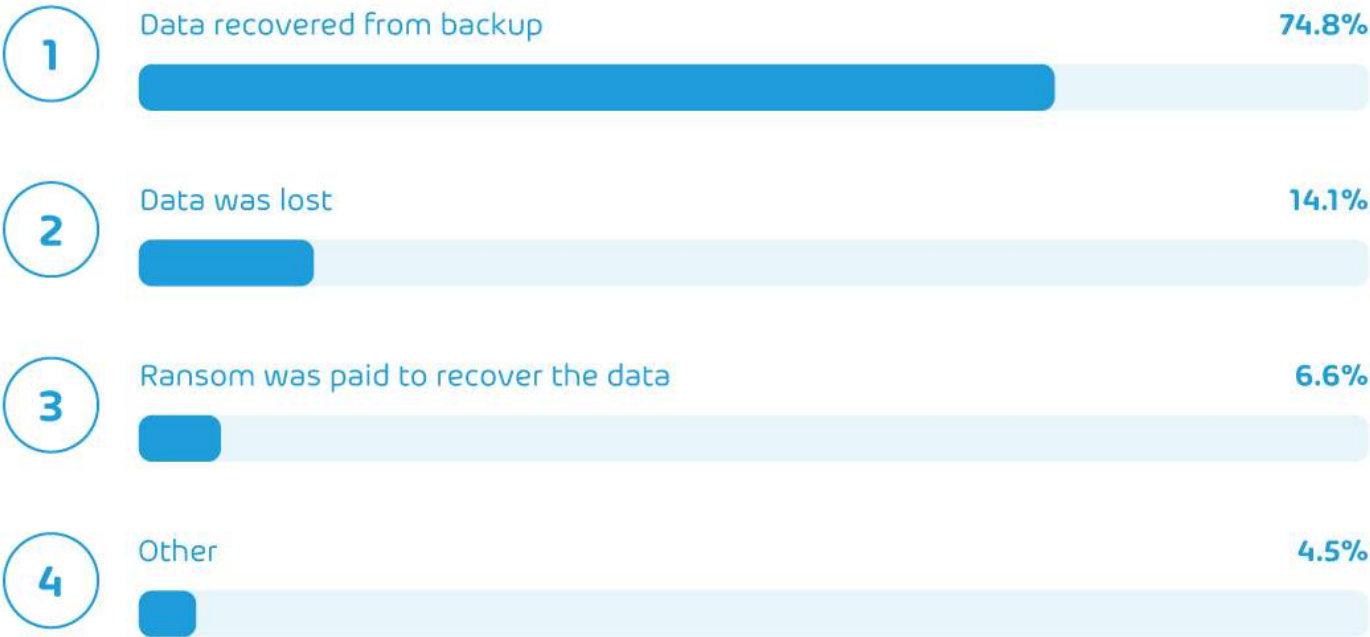
WHAT WAS THE LEVEL OF IMPACT OF THE RANSOMWARE ATTACK?

1 Server infrastructure and network storage   **56%**

2 Multiple endpoints   **36.6%**

3 Single endpoint   **35.3%**

4 Backup storage   **15.1%**

5 Microsoft 365 and/or cloud data   **6.1%**

6 Other   **2.1%**
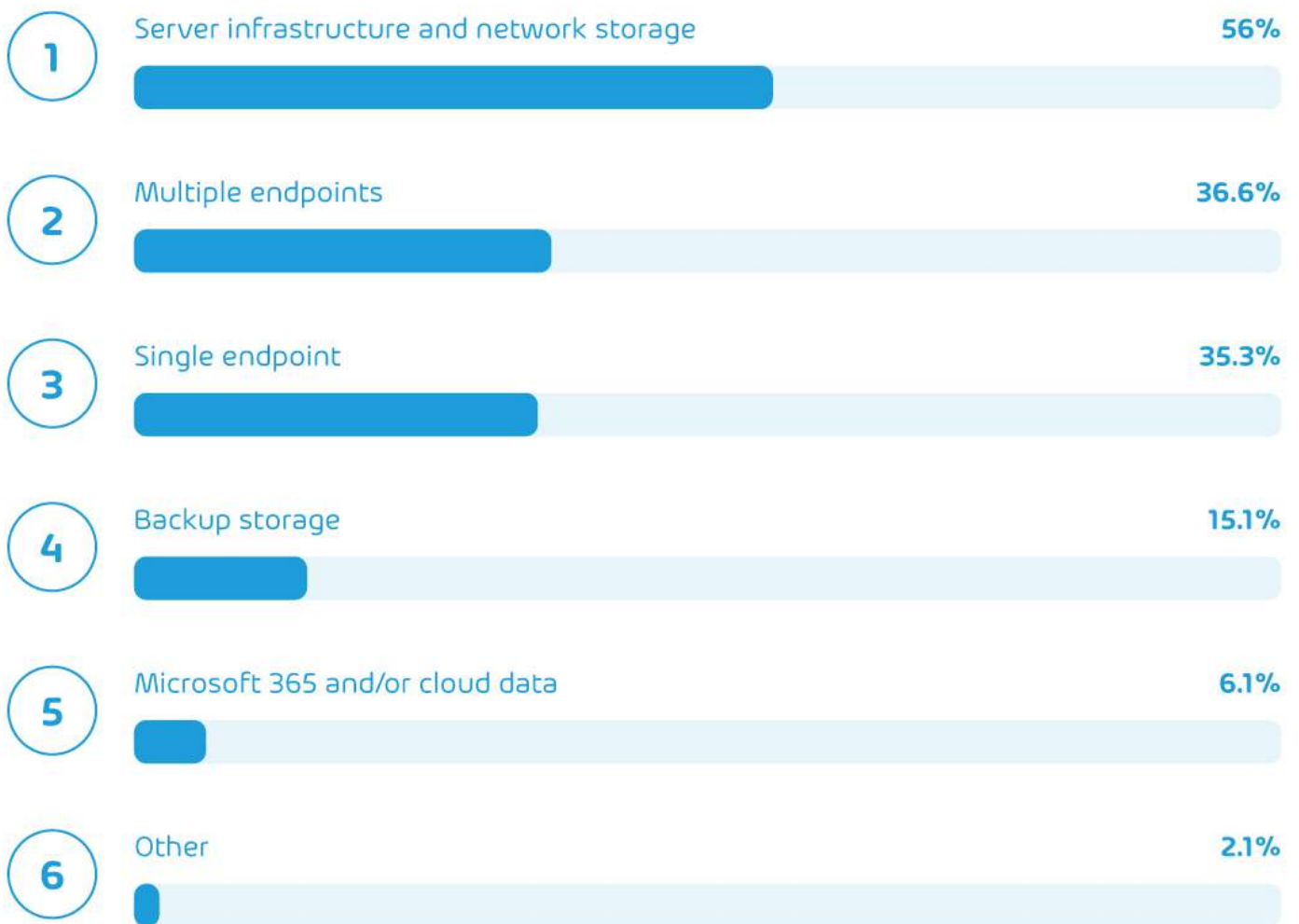
WHAT WAS THE VECTOR OF THE RANSOMWARE ATTACK?

1 Email / Phishing attack — **58.6%**

2 Compromised endpoint — **16.4%**

3 Poor perimeter security — **7.7%**

4 Social engineering — **7.2%**

5 Exploit (zero-day or other) — **6.4%**

6 Other — **3.7%**
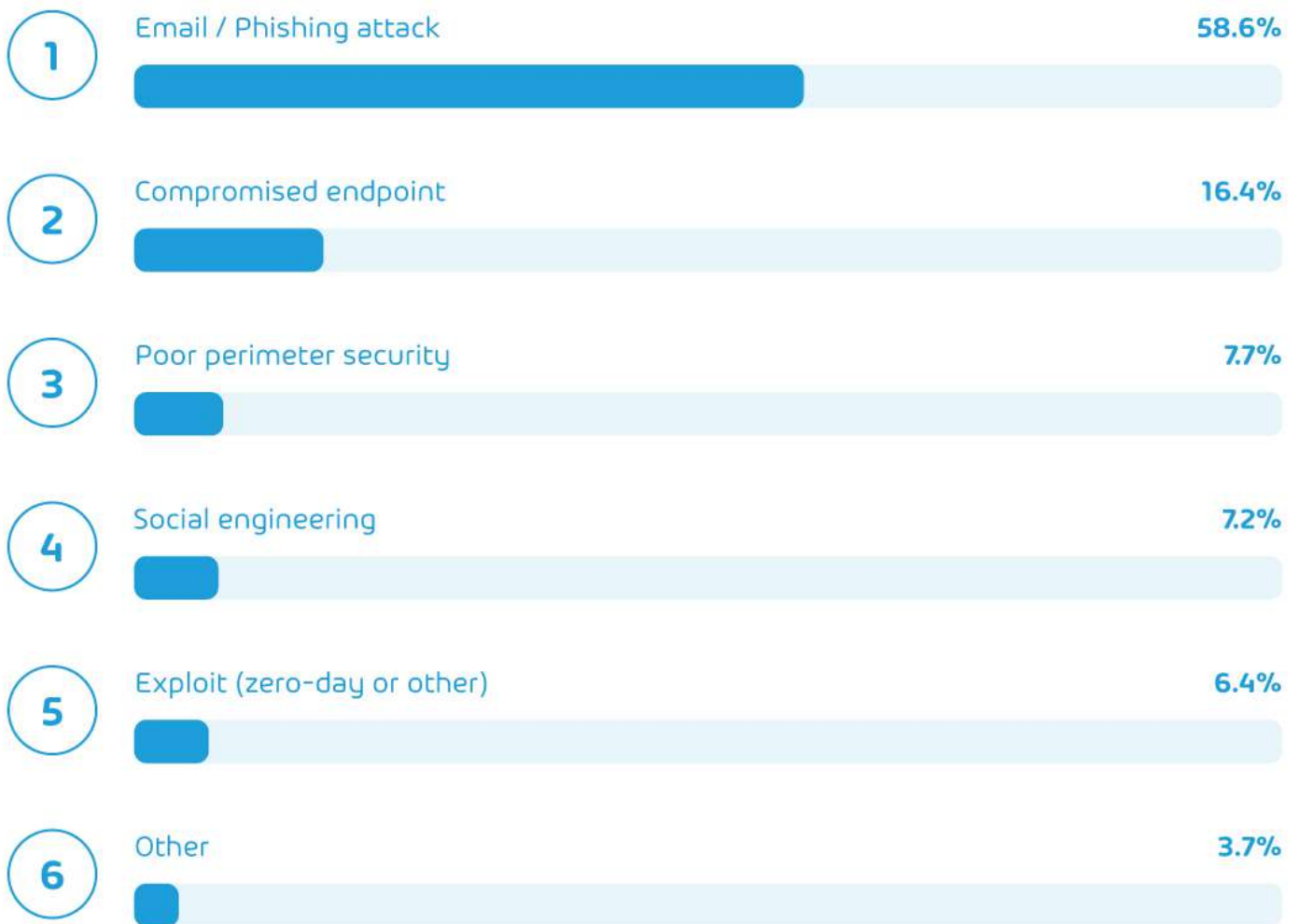
DOES YOUR COMPANY HAVE, OR HAS IT EVER PURCHASED INSURANCE DESIGNED TO PROVIDE COVER IN THE EVENT OF A RANSOMWARE ATTACK?

1 Yes — 37.9%

2 No — 62.1%
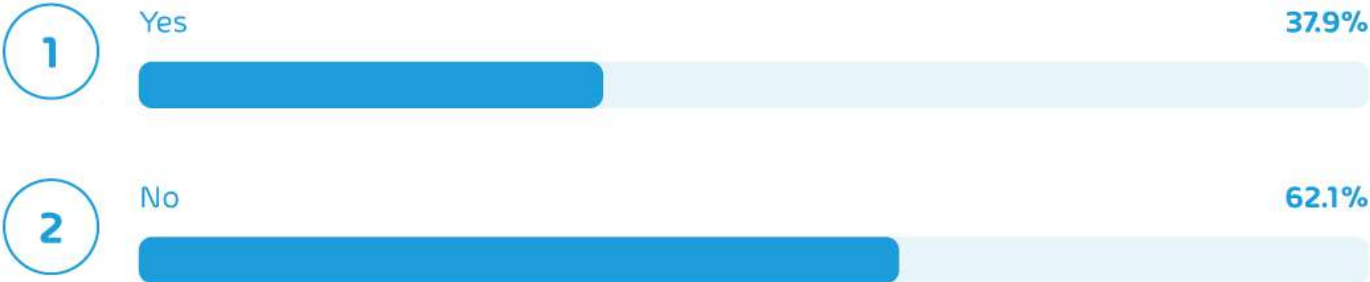
DOES YOUR ORGANIZATION PROVIDE TRAINING TO END USERS ON HOW TO RECOGNIZE AND FLAG POTENTIAL RANSOMWARE ATTACKS?

1 Yes **73%**

2 No **27%**

DO YOU THINK THAT MICROSOFT 365 DATA CAN BE IMPACTED BY A RANSOMWARE ATTACK?

1 Yes   **74.7%**

2 Don't know   **19.7%**

3 No   **5.6%**
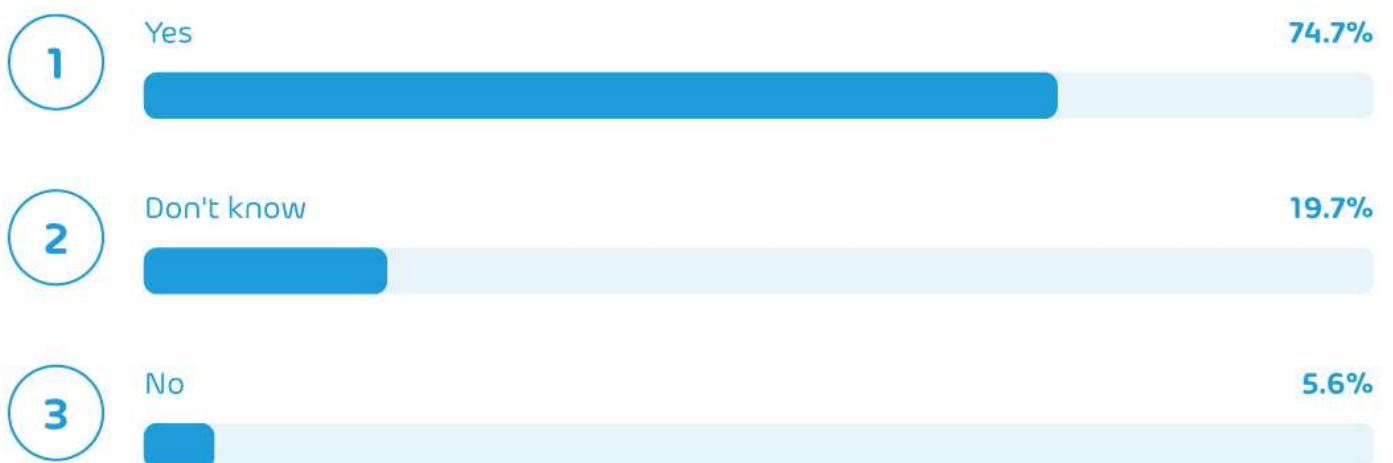
IF YOUR MICROSOFT 365 DATA WAS COMPROMISED BY A RANSOMWARE ATTACK TODAY, DO YOU HAVE A RECOVERY PLAN?

1 Yes — **47.8%**

2 No — **32%**

3 I don't use Microsoft 365 — **20.3%**

IF YOU FELL VICTIM TO A RANSOMWARE ATTACK TODAY, ARE YOU CONFIDENT YOUR DATA BACKUPS WOULD BE SAFE FROM HARM?

3.3%	5.6%	30.9%	38.6%	21.5%

1
Not confident
at all

2

3
Moderately
confident

4

5
Extremely
confident
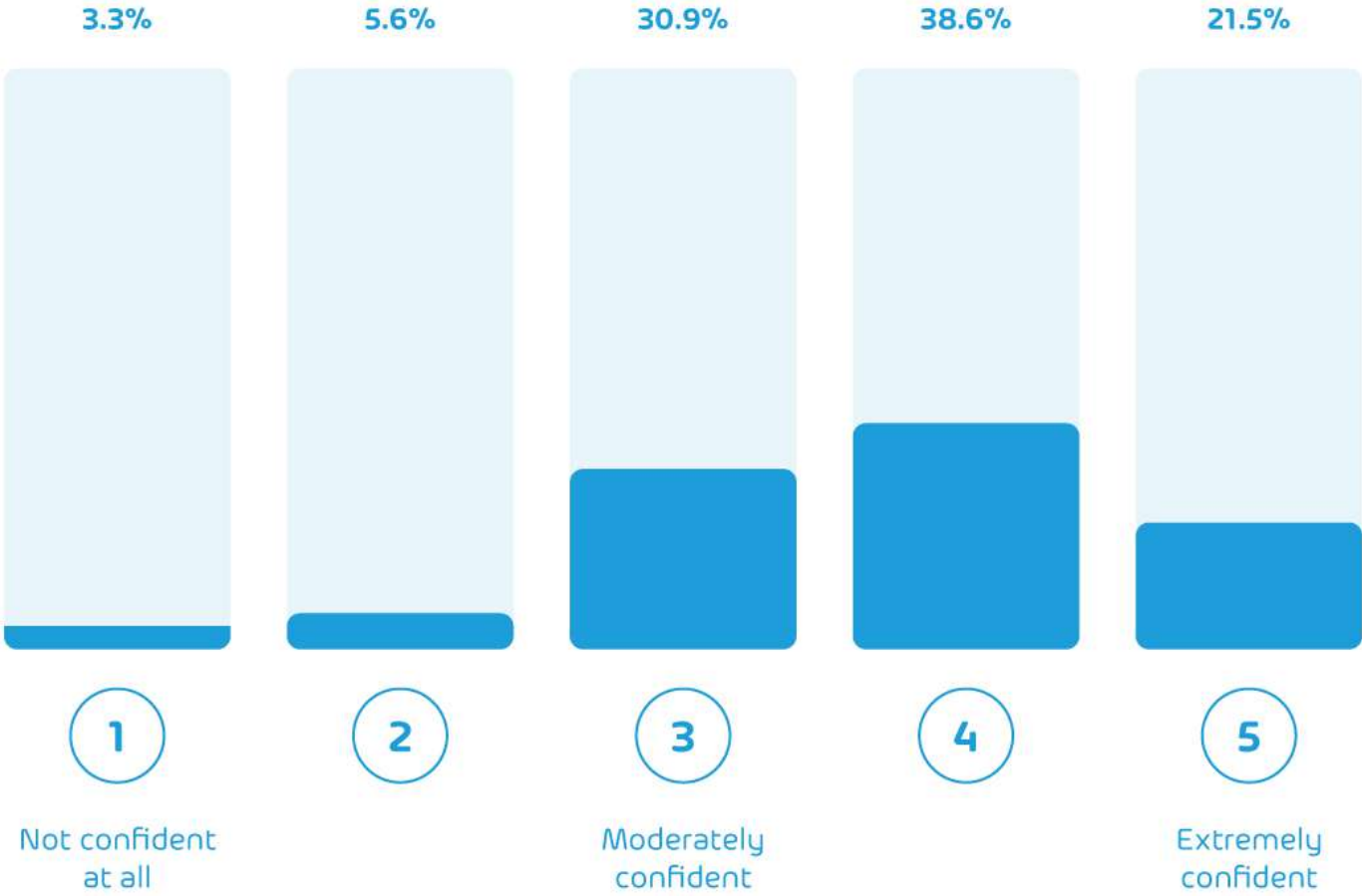
IF YOU HAD ACCESS TO MORE I.T. SECURITY BUDGET, WOULD YOU DIRECT THE MAJORITY OF IT TO:

1 Ransomware threats   **72.8%**

2 Other   **27.2%**

HOW WOULD YOU RANK THE IMPACT THAT RANSOMWARE FEARS HAVE ON YOUR BACKUP/DISASTER RECOVERY PLANNING?

2.6%	6.8%	34.1%	35%	21.5%
1	2	3	4	5

No impact   Moderate impact   Major impact
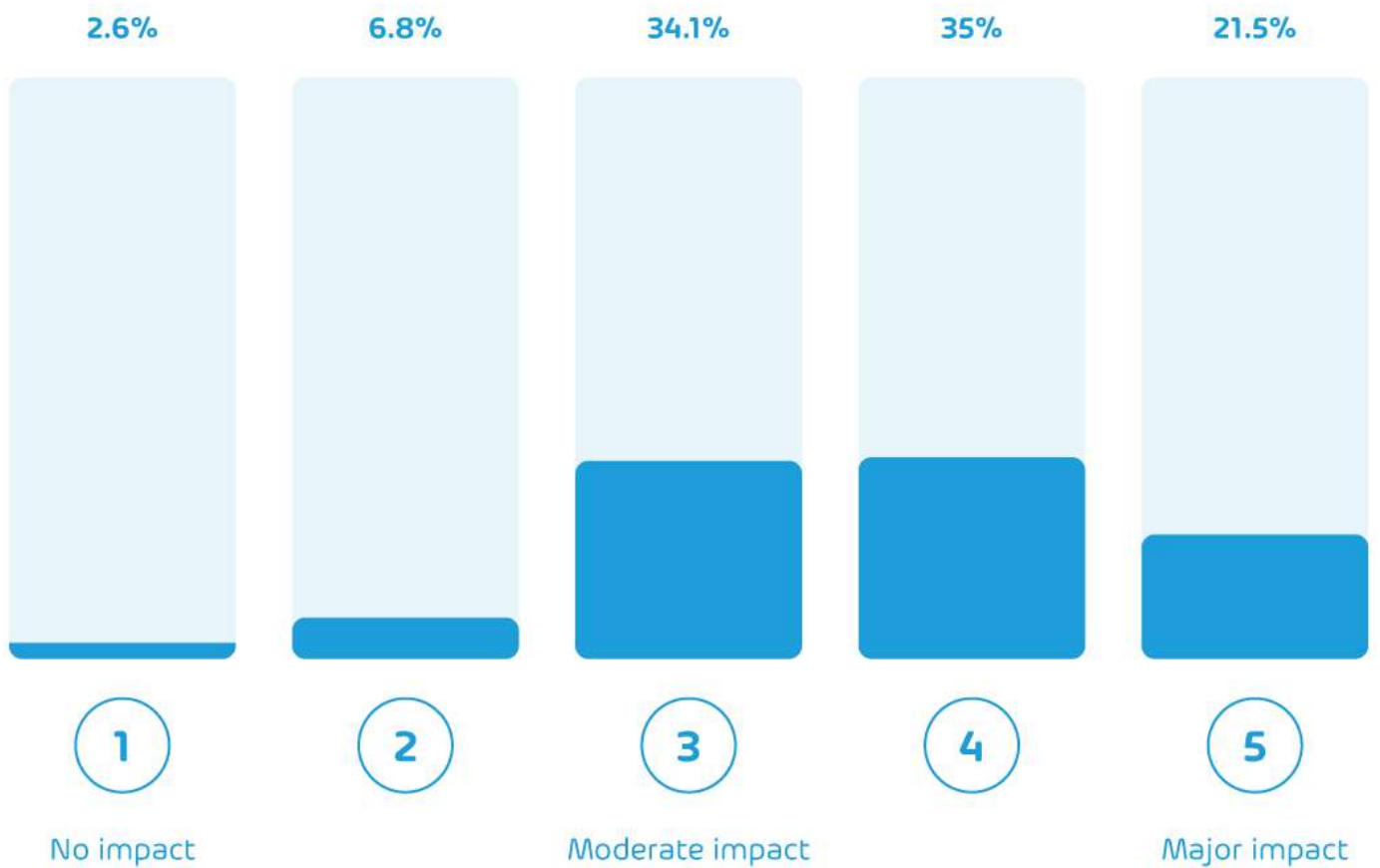
IS YOUR SENIOR LEADERSHIP TEAM AWARE OF RANSOMWARE AND ITS IMPACT?

1 Yes **86.4%**

2 No / Don't Know **13.6%**
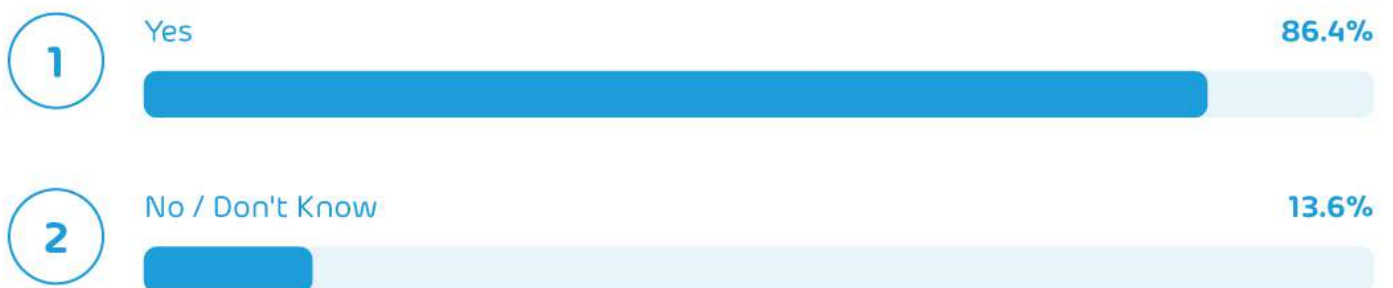
HOW WOULD YOU DESCRIBE THE STANCE OF YOUR COMPANY'S SENIOR LEADERSHIP ON RANSOMWARE?

1 Trust I.T. to deal with the issue   **49.6%**

2 Actively involved in conversations and decision-making to help prepare the organization   **44.8%**

3 Not a concern   **4.3%**

4 Super-annoying, asking about it every day   **1.4%**

MY COMPANY:

1 Provides I.T. Managed Services **35.2%**

2 Uses only internal I.T. resources **34.1%**

3 Uses an MSP (Managed Service Provider), I.T. Consultant, or Value Added Reseller **16.0%**

4 Has a single individual responsible for I.T., but it's not their primary role **7.4%**

5 Uses a shared I.T. resource **7.3%**

ARE YOU A/AN:

1 I.T. Professional   **70.6%**

2 I.T. Director   **17.4%**

3 None of the above   **8.4%**

4 CISO   **2.4%**

5 Compliance Officer   **1.2%**

WHAT INDUSTRY VERTICAL ARE YOU A PART OF?

1 Software or I.T. — **35.8%**

2 Other — **9.4%**

3 Education — **7.7%**

4 Engineering or manufacturing — **7.7%**

5 Healthcare — **6.5%**

6 Government or Public Administration — **5.4%**

7 Financial Services — **4.6%**

8 Retail — **4.2%**

9 Transport or logistics — **3%**

10 Telecommunications — **2.5%**

11 Energy or Utilities — **2.2%**

12 Property or construction — **1.8%**

13 Chemical or Pharmaceutical — **1.5%**

14 Hospitality or events — **1.5%**

15 Legal Services — **1.2%**

16 Mass Media — **1.1%**

17 Marketing, advertising or PR — **0.9%**

18 Agriculture — **0.8%**

19 Insurance — **0.6%**

20 Military or Defense — **0.6%**

21 Law enforcement and security — **0.4%**

22 Recruitment or HR — **0.3%**

23 Sports and leisure — **0.2%**

24 Environment or agriculture — **0.1%**

HOW MANY YEARS HAVE YOU BEEN IN THE I.T. INDUSTRY FOR?

1 20+ years 41.3%

2 16-20 years 15.4%

3 11-15 years 16.4%

4 6-10 years 13.6%

5 1-5 years 13.4%

WHERE ARE YOU BASED?

1. **Europe** — **45.5%**

2. **North America** — **43%**

3. **Asia** — **3.7%**

4. **Africa** — **3.1%**

5. **Australia** — **2.5%**

6. **Middle East** — **1.2%**

7. **South America** — **1.1%**
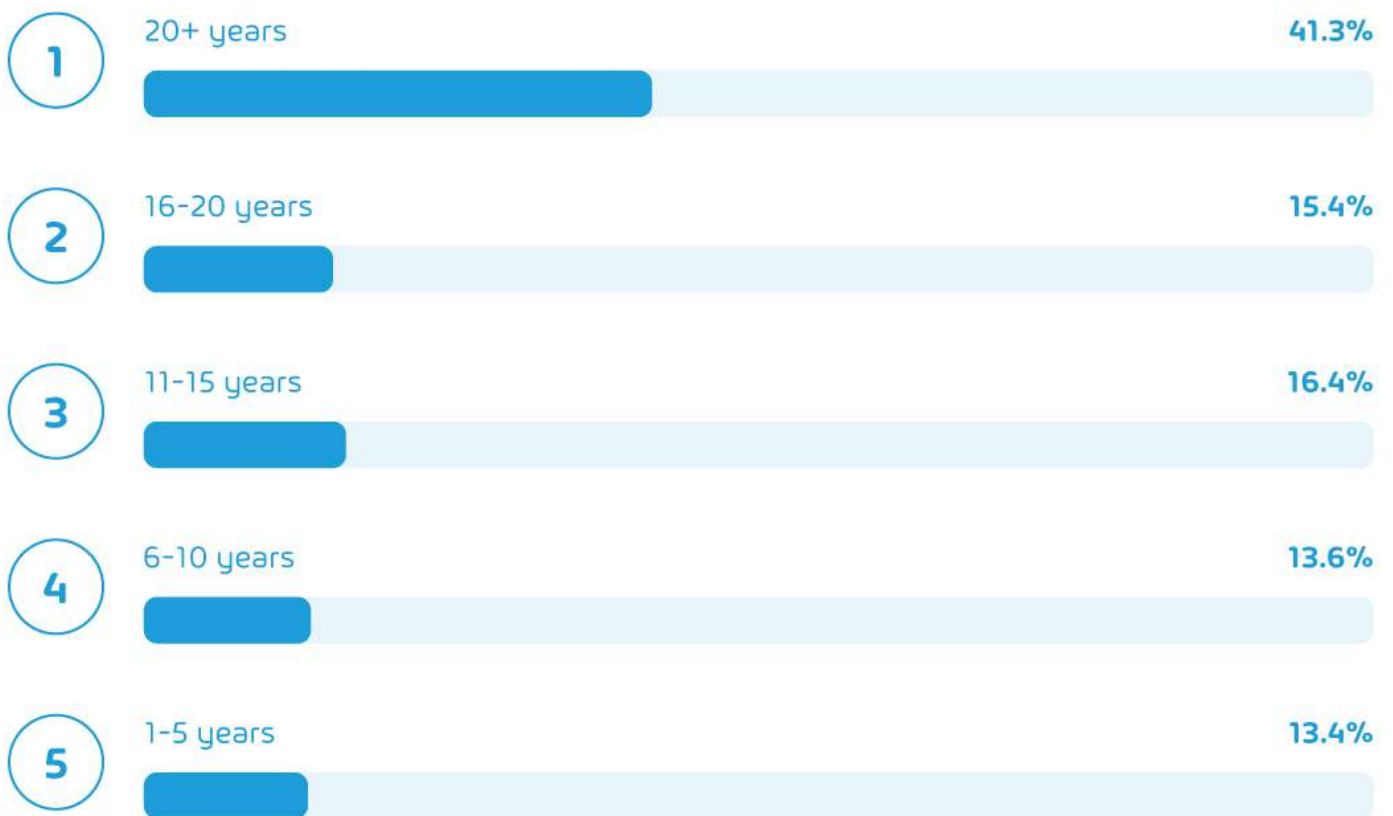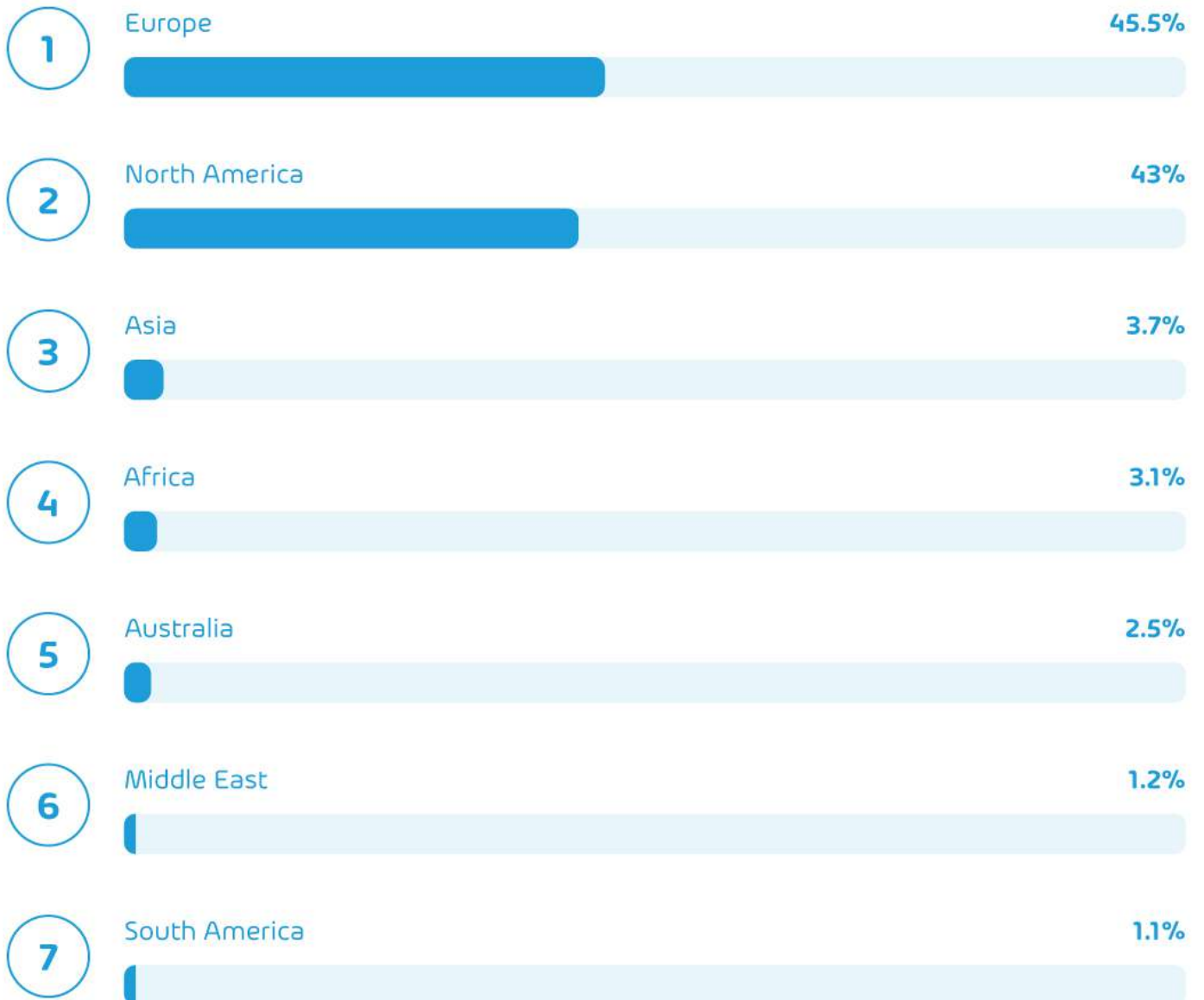
WHAT'S THE SIZE OF YOUR BUSINESS? (NUMBER OF EMPLOYEES)

1   1 - 50   **45.9%**

2   51 - 200   **20.5%**

3   1,000+   **16%**

4   201 - 500   **11.7%**

5   501 - 999   **5.9%**