ECAR Study:
Students and Technology

University of Cape Town • iYunivesithi yaseKapa • Universiteit van Kaapstad •

SPES BONA

2015 UCT results

2015 Study of Students/Faculty and IT

institutions   states   countries

STUDENT SURVEY

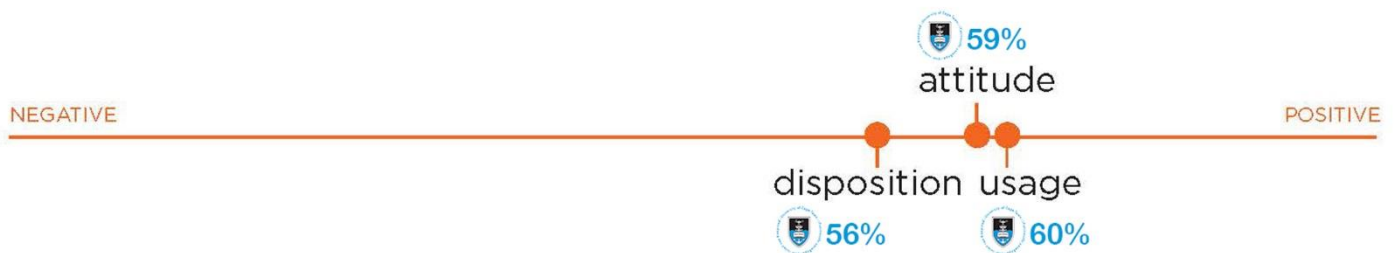50,274 students   161   43   11

UCT respondents: 469 students

TECHNOLOGY EXPERIENCES
Students rate themselves positively on tech inclination scales

59% attitude

NEGATIVE ———————————————————————— POSITIVE

disposition   usage
56%   60%

Students bring their technology to campus...

89%   66%

63% use for all their courses

91% own a laptop

93% believe their laptop is important to academic success

92%

92% own a smartphone

31%

18% use for all their courses

90%

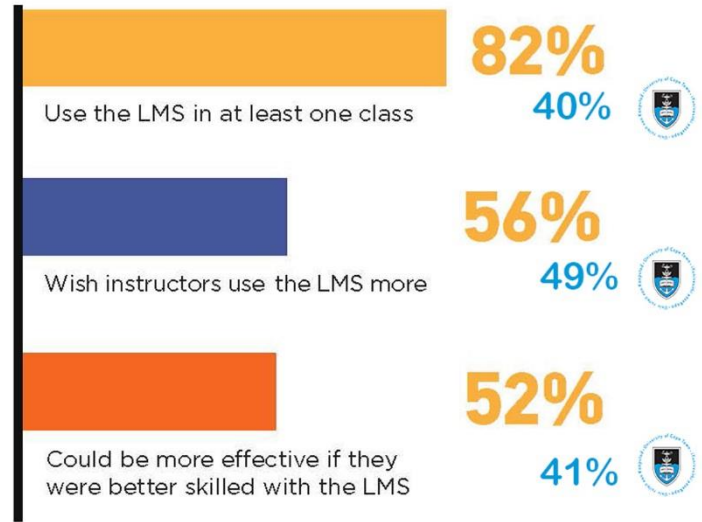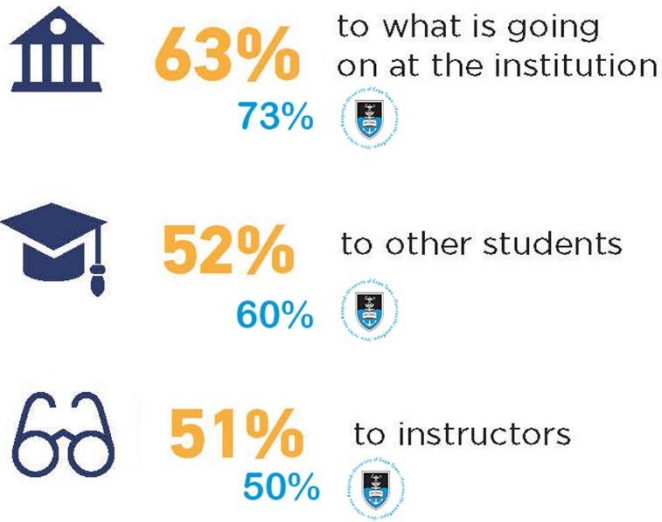**44%** believe their smartphone is important to academic success

46%

...and more undergraduates now own a smartphone than a laptop.

TECHNOLOGY RESOURCES AND TOOLS

Students say that technology makes them feel connected...

🏛️ **63%** to what is going on at the institution
73% 🛡️

🎓 **52%** to other students
60% 🛡️

👓 **51%** to instructors
50% 🛡️

99% of institutions have at least one learning management system (LMS), and students say they...

82% Use the LMS in at least one class **40%** 🛡️

56% Wish instructors use the LMS more **49%** 🛡️

52% Could be more effective if they were better skilled with the LMS **41%** 🛡️

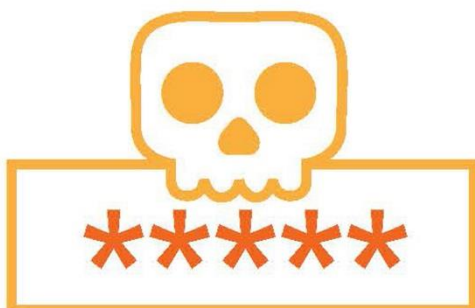# ANALYTICS AND DATA PRIVACY

Students support the institutional collection **of data on them** about their progress toward a degree or certificate.

6% 🛡️ **3%**
17% 🛡️ **11%**
77% 🛡️ **86%**

- 🟦 Bad idea
- 🟨 Neither good nor bad
- 🟧 Good idea
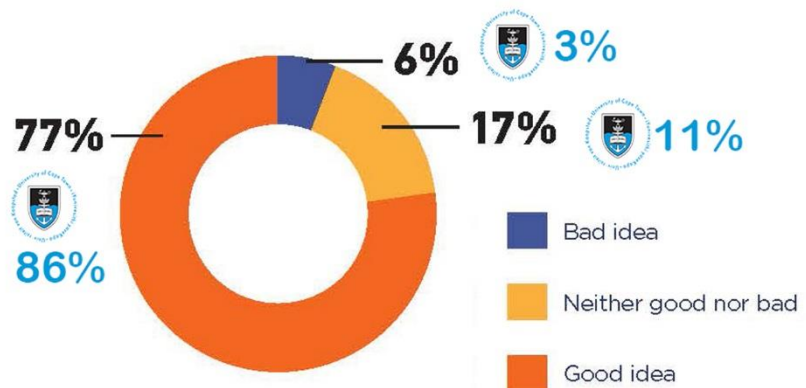
SHARING YOUR PIN OR PASSWORD: AS RISKY AS IT SOUNDS!

Students who have **shared the password or PIN for an online account** in the past 12 months are twice as likely to have had an account hacked than students who haven't. **(36% vs. 18%)**

☠️ *****

NEW MODELS FOR EDUCATION

Four in five students say they have taken a course with a blend of some online and some face-to-face work.

79%
of students say they learn best in blended learning environments

83%

56%
of faculty say they use blended teaching strategies

Academics were not surveyed

Many faculty support new educational technology trends.

65%
Open educational resources

63%
Competency-based education

39%
Gamification

37%
Badges or digital credentials

37%
MOOCs

UCT Academics were not surveyed

EDUCAUSE CENTER FOR ANALYSIS AND RESEARCH

EDUCAUSE

ONE thing _your instructors_ can do with technology to better facilitate / support your academic success.
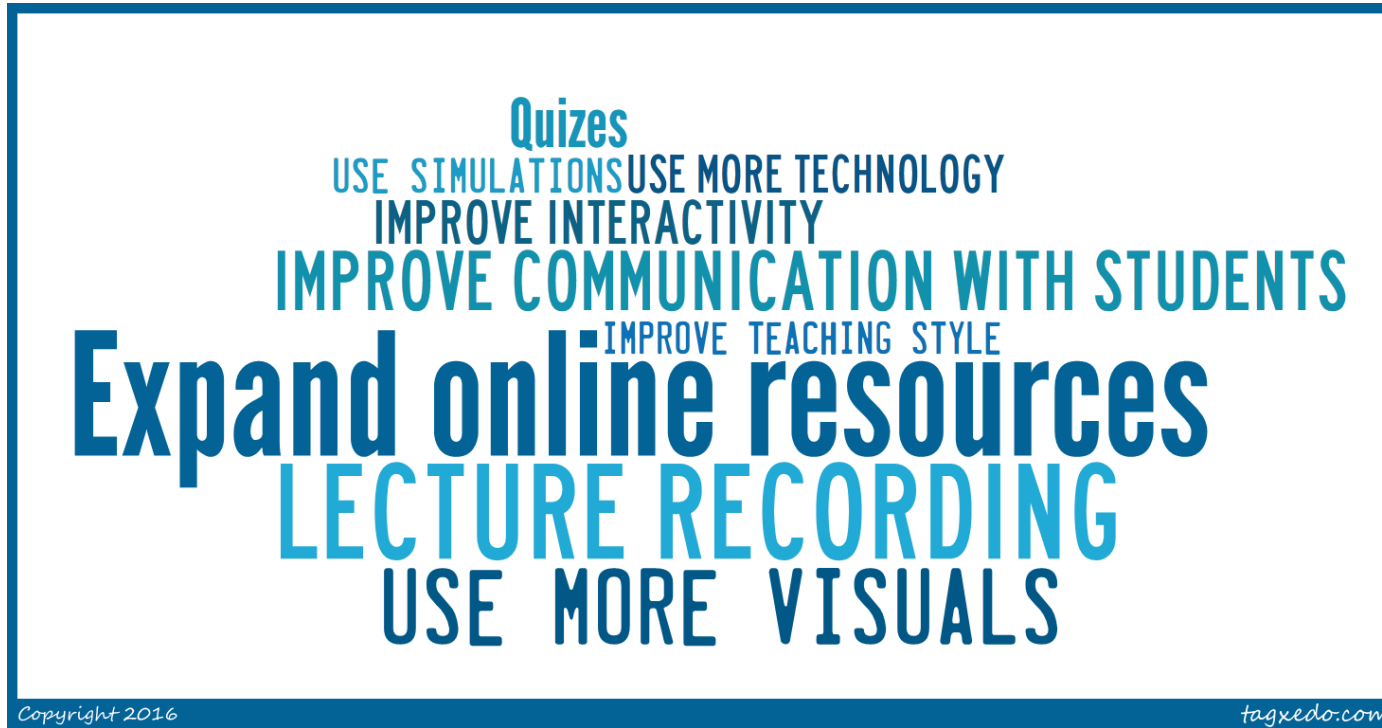
Full list of responses			
Category	**Number of instances**	**Category**	**Number of instances**
Expand online resources (course material / resources)	77	Improve teaching style	10
Lecture recording	65	Help me track my progress	7
Use more visuals	44	Learn to use technology (improve their own technological ability)	6
Improve communication with students	32	Nothing	4
Quizes / practice tests	24	Use less technology	4
Improve interactivity	19	Use better technology	3
Use more technology	19	Use games	3
N/A	12	Teach us how to use technology	1

Word cloud represents items with 10 or more instances.

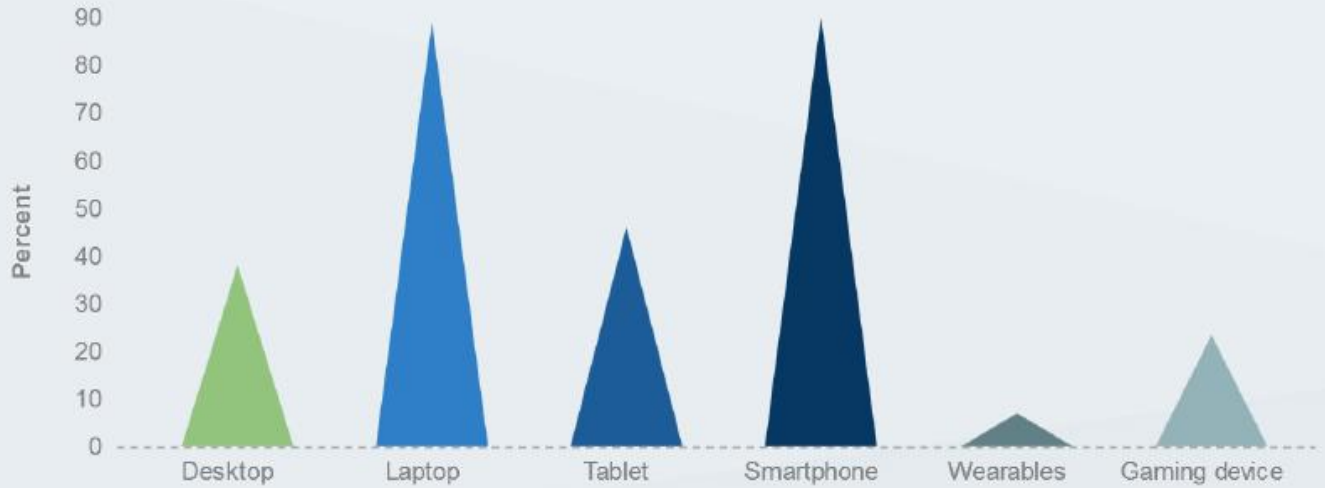**ONE thing _your institution_ can do with technology to better facilitate / support your academic success.**

TEACH US TO USE TECHNOLOGY
BETTER WIRELESS
Promote lecture recording
IMPROVE ONLINE PLATFORMS
IMPROVE ACCESS TO RESOURCES IMPROVE COMMUNICATION WITH STUDENTS
PROVIDE EBOOKS AND EJOURNALS
More materials online
NOTHING TRACK ACADEMIC PROGRESS
IMPROVE ACCESS TO TECHNOLOGY

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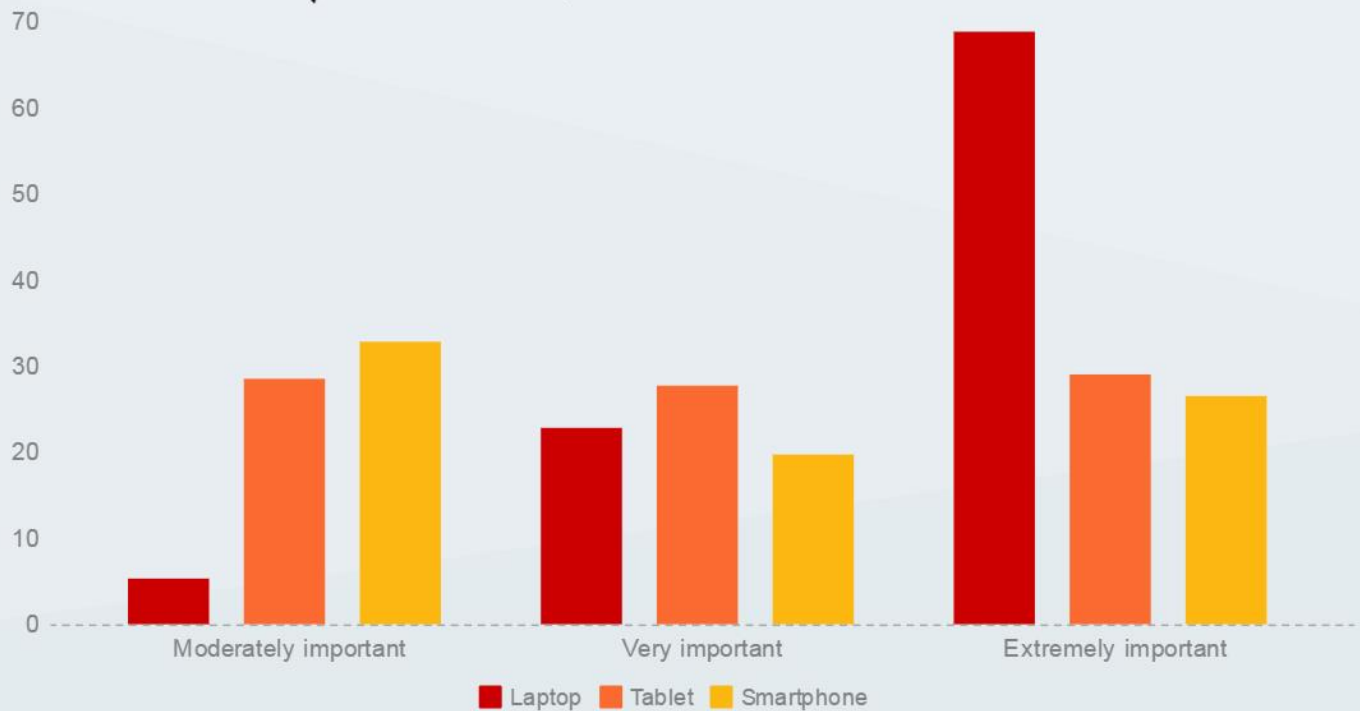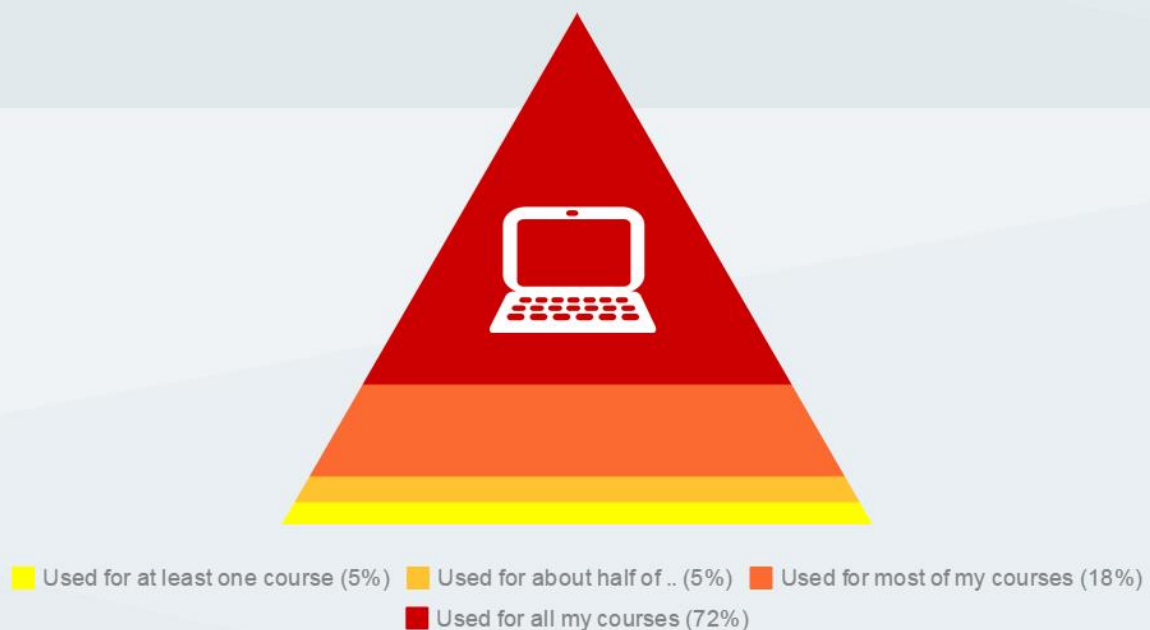| Full list of responses			
Category	**Number of instances**	**Category**	**Number of instances**
Promote lecture recording	37	Improve inter-student communication	5
More academic materials online	35	Improve interactivity in class	4
Better wireless	34	Unify online resources	4
Improve communication with students	20	Use more technology	4
Help me track my progress	18	Higher Internet quota	3
Improve access to technology (free/subsidised hardware & software)	18	Use less technology	3
Nothing (happy with UCT)	16	Improve classroom support	2
Improve access to online resources	13	Live streaming lectures / courses	2
N/A	12	Provide plug points (for charging devices)	2
Provide e-books and e-journals	12	Quizzes	2
Teach us how to use technology	12	Use games / simulations	2
Improve online platforms (e.g. Vula)	10	Monitor lecture attendance	1
Use better technology	9	More accessible IT support for students	1
Encourage lecturers to use technology	7	Help motivate us	1
Improve equipment / infrastructure	7	Provide projectors in classrooms	1
Online courses	7	Teach lecturers to use technology	1
Online registration	7	*Word cloud represents items with 10 or more instances.*	

What are they using?

What do they own?

Percent

| Desktop | Laptop | Tablet | Smartphone | Wearables | Gaming device |

What OS are they using?

Percent

Desktop
- 91
- 7
- 2

Laptop
- 77.4
- 18.2
- 3.4

■ Windows ■ OSX ■ Linux

Percent

Mobile
- 62.1
- 25.9
- 3.7
- 6.6

Tablet
- 44
- 50.3
- 3.6
- 0

■ Android ■ iOS ■ Windows ■ Blackberry

What do they need?

Importance for academic success

Legend: Laptop, Tablet, Smartphone

Categories: Moderately important, Very important, Extremely important

Laptop usage on campus

Used for at least one course (5%) Used for about half of .. (5%) Used for most of my courses (18%)

Used for all my courses (72%)

Network and WiFi

Experience with the WiFi on campus

Wireless experience

0   23   45

Poor   Fair   Neutral   Good   Excellent
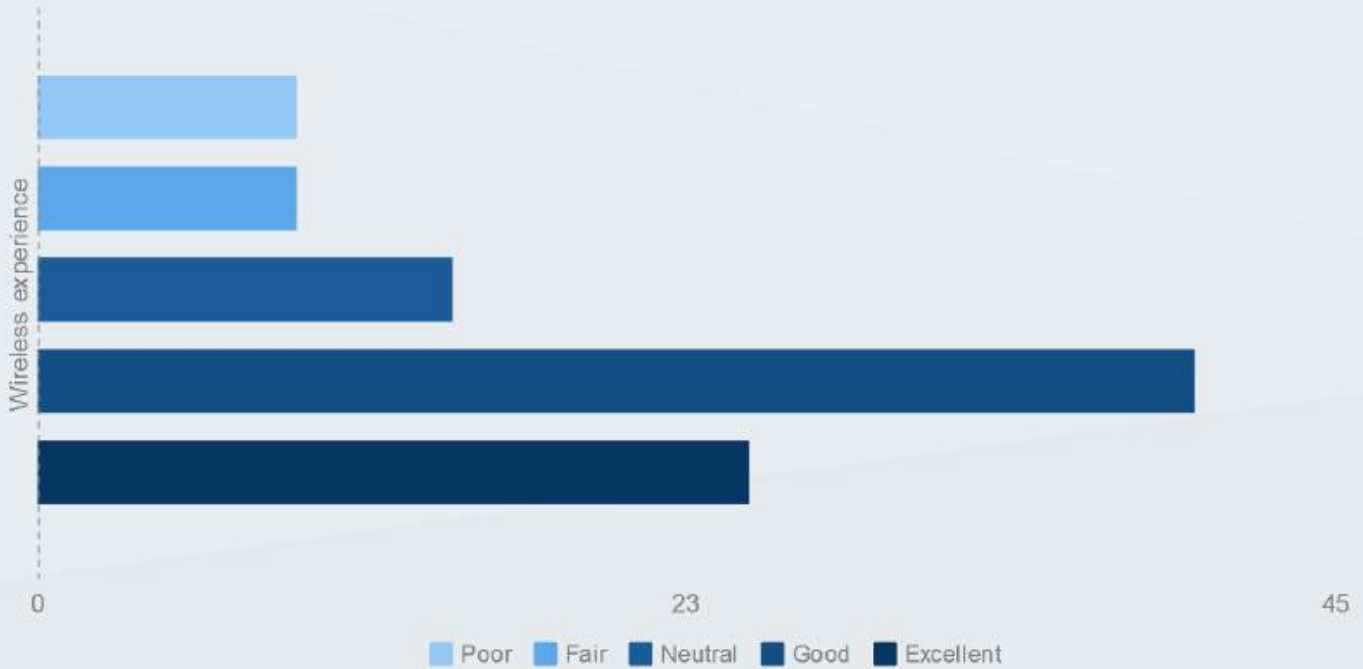
Reliable access to WiFi on campus

Poor (4%)
Fair (10%)
Neutral (9%)
Good (37%)
Excellent (40%)
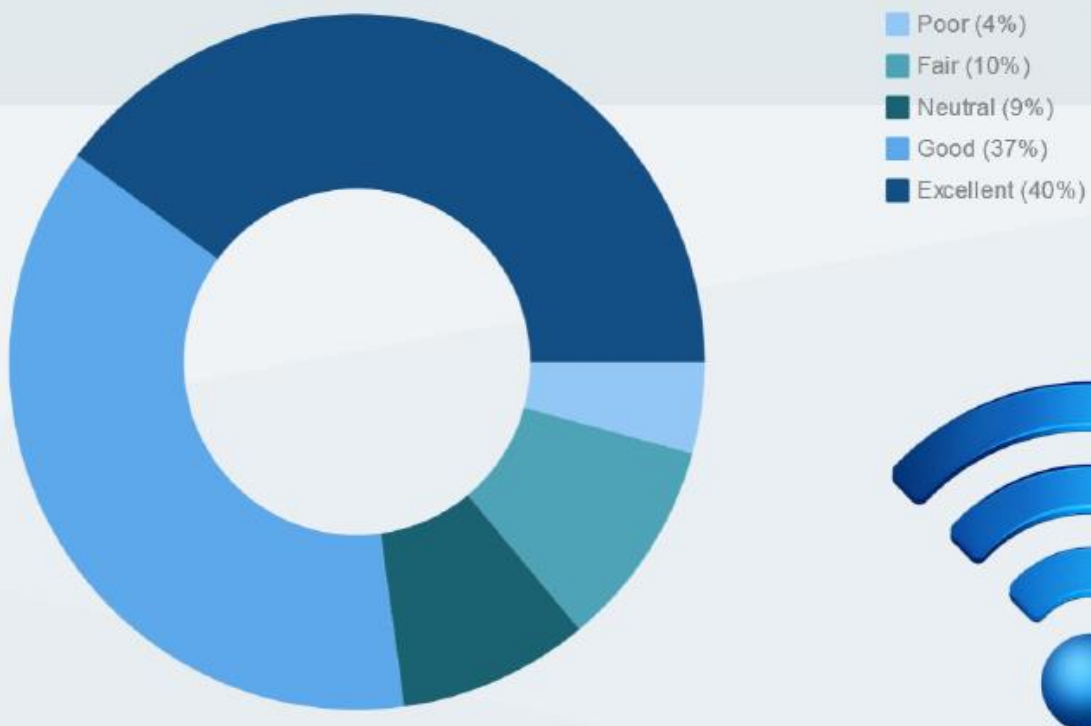
Security

Have let other people use their devices unsupervised

Yes (44%)   No (56%)

Have shared PINs or passwords with others

Yes (33%)   No (67%)

Have shared user details for their online accounts with others

Yes(30%)   No (70%)

Have let others log onto their institution service or site

Yes (22%)   No (78%)