

ICT access and use by small & mediumsized enterprises (SMEs) in Sri Lanka

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LIRNEasia: a pro-poor, pro-market Asia Pacific think tank; focus on infrastructure policy and regulation



What we do: digital ++

- "Old fashioned telecom sector stuff": Evidence based inputs into ICT Sector reforms
 - E.g. India Universal Service Policy, Myanmar Telecom Law, Bangladesh telecom license renewal, Indonesia in-country back-haul pricing, S and S East Asia Broadband quality measurement, assessments of the telecom regulatory environmentsetc.
- Digital rights: what works in our context?
 - How do we ensure a equitable, human rights-enabling, safe Internet for users in the region?
 - E.g.: how do users in Myanmar deal with online harassment, privacy and security issues?
- ICTs for development, ICTs in non-ICT sectors
 - Agriculture: does more market price/other information through mobiles help agriculture markets work better and give farmers farmers better livelihoods?
 - Disaster Risk Reduction: models for ICT-based early warning systems for natural disasters in Maldives, Sri Lanka
- Other infrastructure: Roads, electricity, health, etc. Often using big data analytics
 - Historical, pseudonymized CDRs from multiple telcos
 - Where will disease spread? Where are traffic congestions spots? Where do people live? Which are commercial areas of a city (vs residential areas)? Proxies for credit ratings for individuals.



AfterAccess: Nationally representative surveys of ICT access and use by households & individuals aged 15-65 across Global South

- Rigorous sampling method, comparable across countries
- Predominantly common questionnaire with local customization
 - Structured, closed-ended responses administered face-to-face using mobile devices
 - User-based (rather than subscription-based) data allowing for disaggregation by urban-rural, gender, SEC, age, etc.
- 3 partners conducting the research: LIRNE*asia* (in Asia), Research ICT Africa (RIA, in Africa)), DIRSI (in Latin America)
- Funded by IDRC (Canada), SIDA (Sweden), the Ford Foundation
- Sri Lanka fieldwork Nielsen Lanka private limited (selected through a competitive bidding process



AfterAccess: Nationally representative surveys of ICT access and use by small and medium sized enterprises in Sri Lanka

Economic Census 2013/14 conducted by the Department of census and statistics of Sri Lanka estimate





under Industry and construction, Trade and Services sectors

AfterAccess survey cover these three sectors





AfterAccess survey used number of employees to classify small and medium sized enterprises

Out of the three variables namely; number of persons engaged, turnover, and assets; initially identified to define SMEs, listing data, collected at the Economic Census, exhibited that the number of persons engaged to be the most reliable and consistent variable in defining SMEs.

Source: Non-agricultural Economic Activities In Sri Lanka. Economic Census 2013/2014. Department of Census and Statistics Sri Lanka

• Re	pair of motor vehicles and motorcycl	es	Medium	15 to 3
	Business sector	SME classification	No of employees	35 and
• Tra	ns Manufacturing	Small	5-24	1 to 4
AccInfo	Manufacturing	Medium	25-199	
• Fin	an	Small	4-14	5 to 15
ReaAda	al (Trade	Medium	15-34	
EduHu		Small	5-15	16 to 74
• Art	Services	Medium	16-74	75
• Oli	161 001 v100 doll v11100		Larye	75 and



The ISIC codes were used to identify the business sector

The International Standard Industrial Classification of All Economic Activities (ISIC) is the international reference classification of productive activities

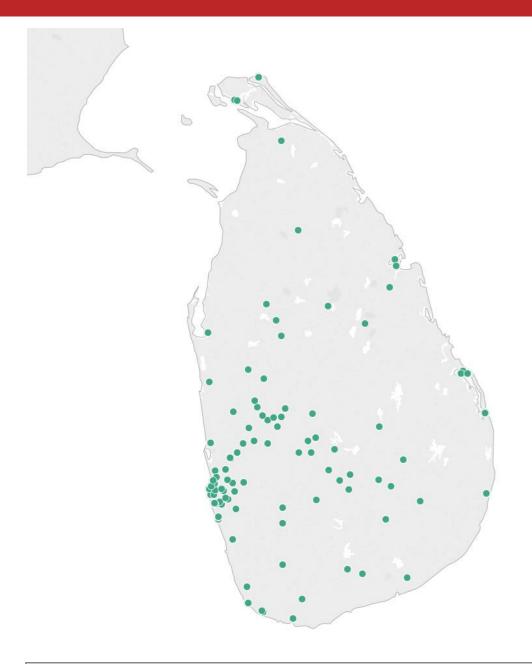
Α	-	Agriculture, hunting and forestry	Р	-	Activities of private households as employers and
В	-	Fishing			undifferentiated production activities of private households
С	-	Mining and quarrying	Q	-	Extra-territorial organizations and bodies
D	-	Manufacturing	K	-	Real estate, renting and business activities
Ε	-	Electricity, gas and water supply	L	-	Public administration and defense; compulsory social security
F	-	Construction	М	-	Education
G	-	Wholesale and retail trade; repair of motor vehicles,	Ν	-	Health and social work
mot	torcycles	and personal & household goods	0	-	Other community, social and personal service activities
Н	-	Hotels and restaurants	Р	-	Activities of private households as employers and
I	-	Transport, storage and communications			undifferentiated production activities of private households
J	-	Financial intermediation	Q	-	Extra-territorial organizations and bodies
K	-	Real estate, renting and business activities			
L	-	Public administration and defense; compulsory social security	,		
М	-	Education			



Health and social work

Other community, social and personal service activities

Sri Lanka sample representative of small and medium sized enterprises in Sri Lanka (95% Confidence Interval; +/-9.8% margin of error)



400 small and medium sized enterprises in 100 GNs

Sample designed to be representative of small and medium sized enterprises at National level with +/- 9.8% margin of error.

The cross analysis at below mentioned levels have a higher margin of error:

- Urban-rural level
- Enterprise type
- Enterprise size level

The sample is **not** designed to represent;

- Province level
- District
- Other levels

Fieldwork time period December 2018 – January 2019

Sample GPS locations recorded by CAPI device at time of survey



100 GN divisions covering All Provinces

Fieldwork time period: December 3 – January 21 (2018-2019)

Split the sample frame into urban and rural PSUs (Grama Niladhari divisions)



Random selection of required number of PSUs urban (40) and rural (60) using PPS*



PSUs with > 250 households segmented, and 1 segment randomly selected for listing of households and enterprises

* Additional 17 urban PSUs were selected due to lack of eligible enterprises and refusals

Stage 1:

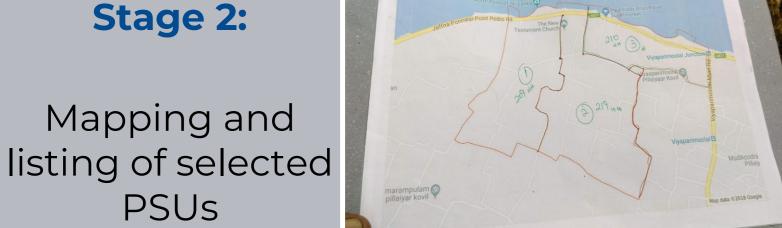
Stratified random sampling of the primary sample units (PSUs) with probability proportionate to size (PPS) sampling

Obtaining PSU information (boundaries, households, etc.) from key informants



KI Interviews

Mapping & segmentation





Segmentation maps

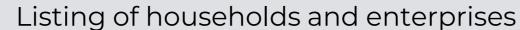
 Segmentation villages where the number of households exceeding 250

Mapping of randomly

selected village with the

help of the key

informants







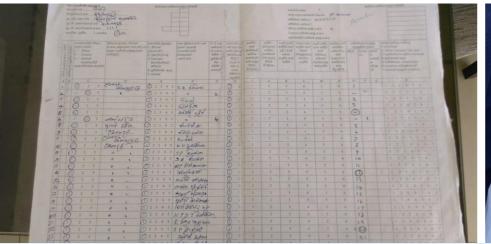
Listing

 List of structures of the entire segment identifying the eligible households and enterprises

Stage 3:

Random selection of listed households and enterprises

Random selection of households conducted systematic random sampling using the household and enterprise lists collected during the listing





Random HH & Enterprise selection

Interviews conducted on mobile devices



Enterprise interview (with enterprise owner or manager)







- Random selection of 20-25 households for the main survey
- Random selection of 4
 enterprises for the
 survey

- Listing all the household members in the household roster
- Randomly selecting one member from age 15-65 from the list
- Selecting the owner or the manager of the enterprise for the main survey

ENTERPRISE TYPE AND EMPLOYEES

OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

ELECTRICITY

ENTERPRISE FINANCE



> ENTERPRISE TYPE AND EMPLOYEES

OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

ELECTRICITY

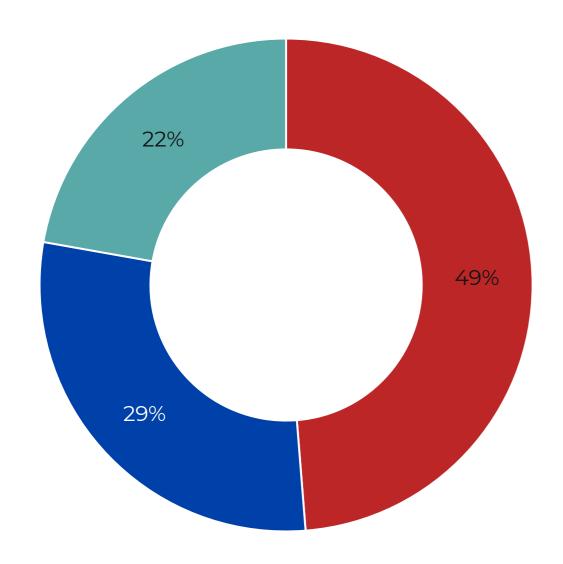
ENTERPRISE FINANCE



More manufacture sector and many have small number of employees



■ Manufacturing ■ Services ■ Trade





People employed*

Number of employees (% of aged 15-65 mobile phone

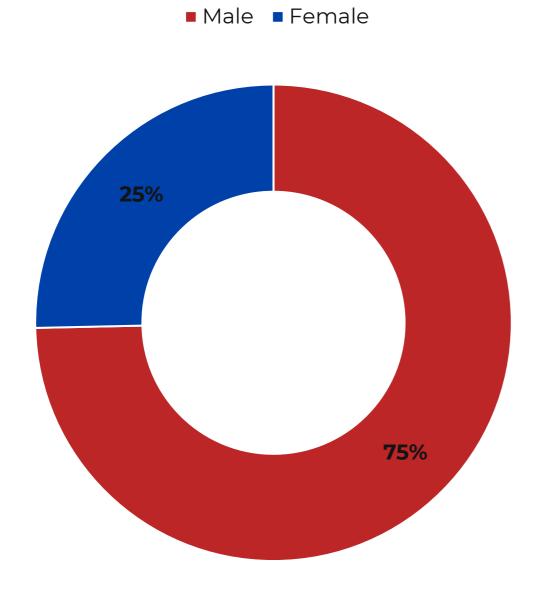




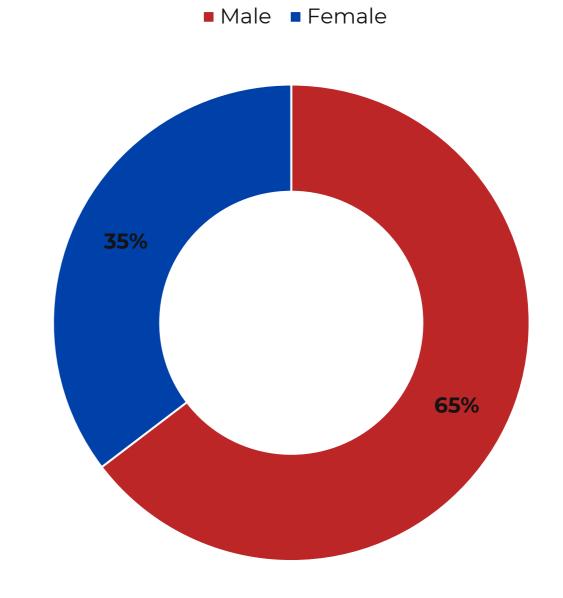
All enterprises

Only 1/4th of the employees are women; Less than what labour force survey reports

Gender composition of the employees (% of all enterprises)



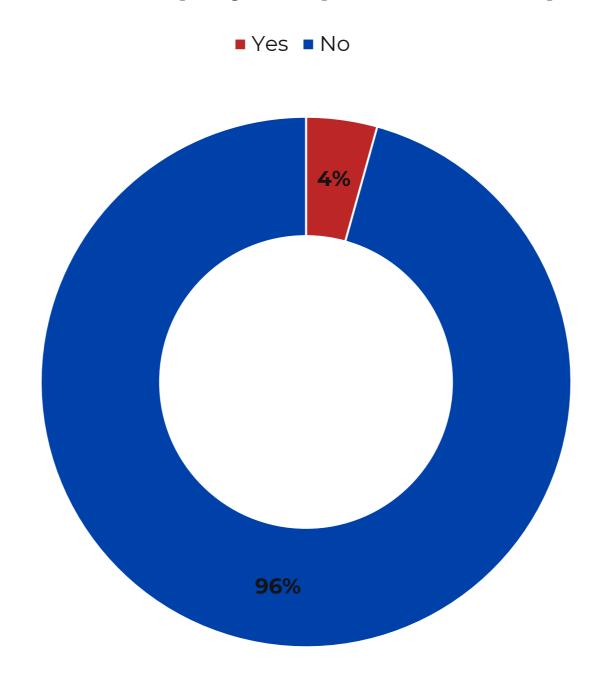
Gender composition of Sri Lanka labour force*



Q: How many employees does your enterprise have (excluding owners)?

4% of the enterprises employ person with disabilities

Disabled employees (% of all enterprises)



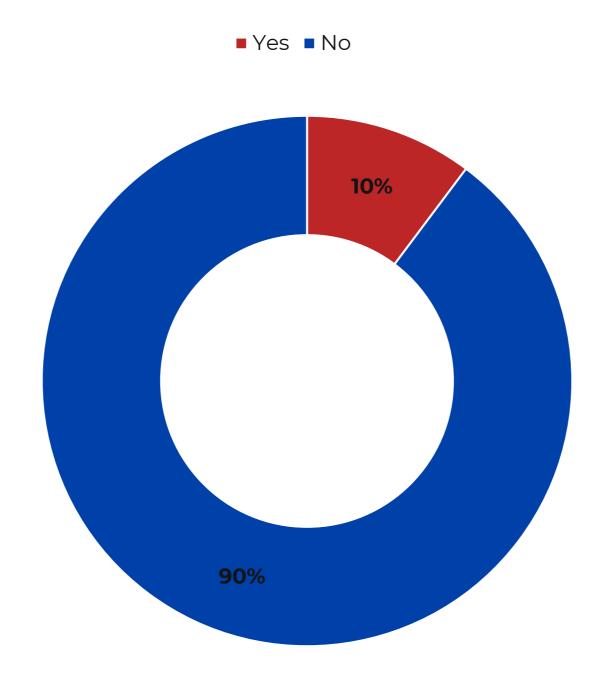


Q: Does your enterprise have (excluding owners) any disabled employee?

Base	Sri Lanka
All enterprises	403

Only 10% of the enterprises have written contracts for it's employees

Written contracts for employees (% of all enterprises)





Q: Do you usually have written contracts for your employees?

Base	Sri Lanka
All enterprises	403

ENTERPRISE TYPE AND EMPLOYEES

> OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

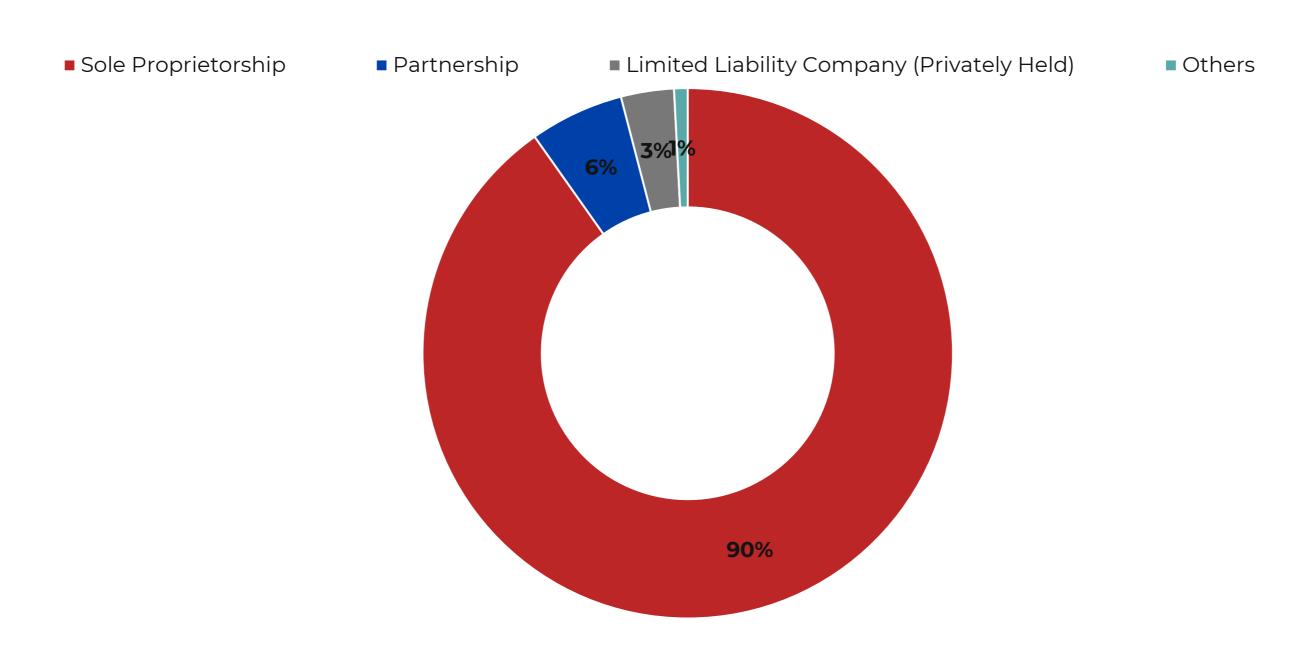
ELECTRICITY

ENTERPRISE FINANCE



Many are sole proprietorship

Form of ownership (% all enterprises)





Q: What is the form of ownership of your enterprise?

Base	Sri Lanka
All enterprises	403

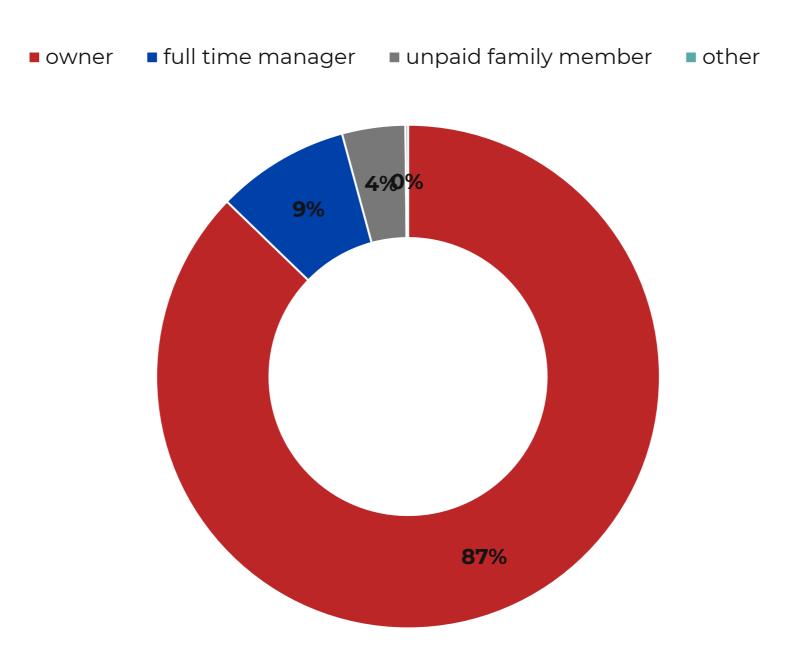
ENTERPRISE TYPE AND EMPLOYEES OWNESHIP

> OWNER AND MANAGER
REGISTRATION
NUMBER OF YEARS IN BUSINESS
STARTUP CAPITAL
ELECTRICITY
ENTERPRISE FINANCE



Most of the enterprises mange by the owner

Manager of enterprise (% all enterprises)





Q: Who manages your enterprise? (makes financial, day today operation and strategic decisions)

Base	Sri Lanka
All enterprises	403

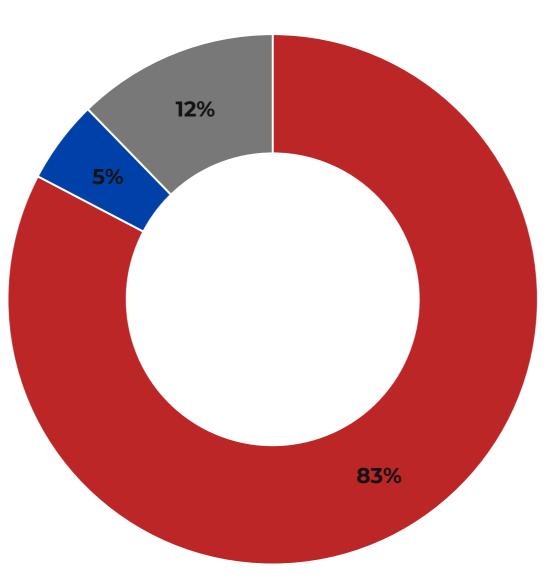
More than 80% of the enterprises owned solely by men

Gender of the owners (% all enterprises)





■ Have both male and female owners





Q: How many owners does your enterprise have?

Base	Sri Lanka
All enterprises	403

Both owners and managers are around 40 years old on average and managers are younger than owners

Avg. owners' and managers' age (all enterprises)





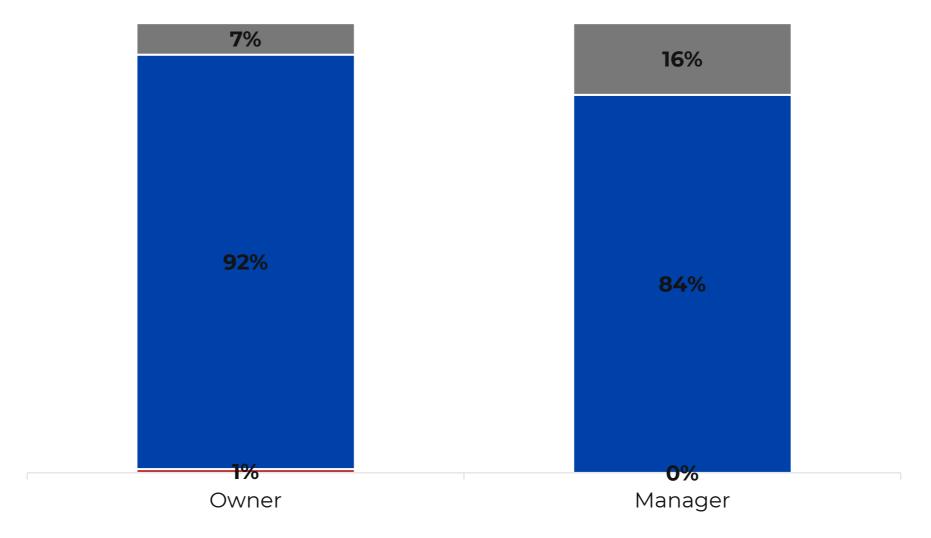
Q: What is the manager's age??



Both owners & managers are mostly secondary educated; managers are more likely to have tertiary education than owners

Highest education among owners and managers (% all enterprises)



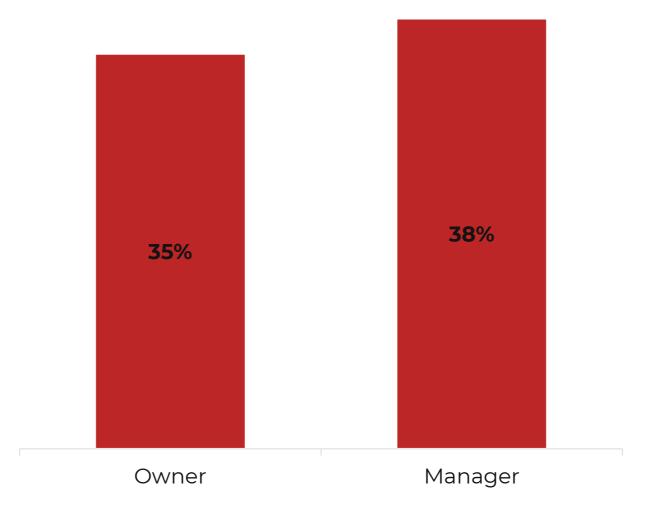


- Q: Highest formal education of the enterprise owners?
- Q: Highest formal education of the enterprise managers?



More than one-third of owners and managers have vocational training

Vocational training among owners and managers (% all enterprises)





Q: Do enterprise managers have vocational certificates?



ENTERPRISE TYPE AND EMPLOYEES OWNESHIP

OWNER AND MANAGER

> REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

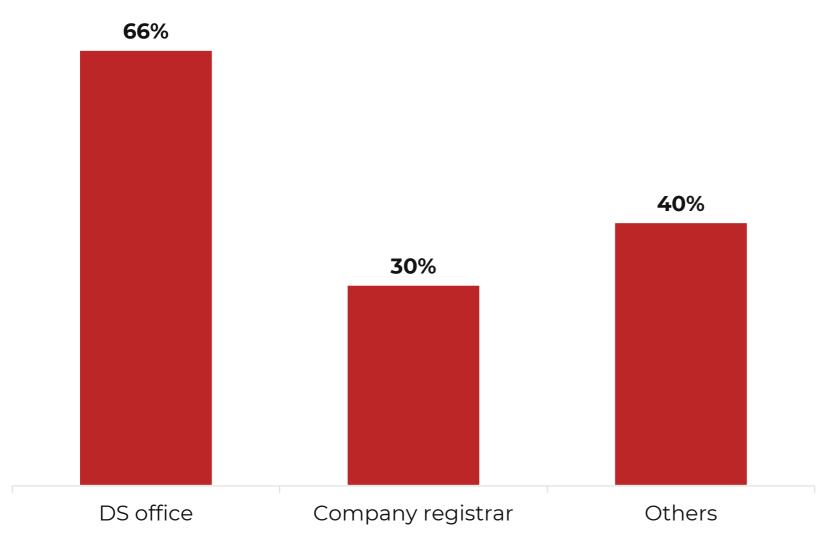
ELECTRICITY

ENTERPRISE FINANCE



Two-thirds of small and medium businesses are registered at DS offices

Registration of enterprises (% all enterprises)





Of the enterprises has registered in some kind of a body

Q1: Is your enterprise registered with divisional secretary office?

Q2: Is your enterprise registered with company registrar (central or provincial)?

Q3: Is your enterprise registered/licensed/ membership in anywhere else? Eg: Ministry, trade associations



Base	Sri Lanka
All enterprises	403

ENTERPRISE TYPE AND EMPLOYEES
OWNESHIP
OWNER AND MANAGER
REGISTRATION

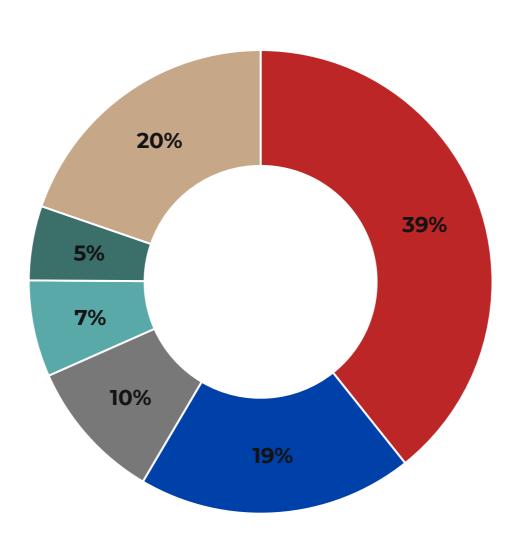
> NUMBER OF YEARS IN BUSINESS
STARTUP CAPITAL
ELECTRICITY
ENTERPRISE FINANCE



Most businesses are recently started

Number of years in business (% all enterprises)







Q: In which year was this enterprise established?

Base	Sri Lanka
All enterprises	403

ENTERPRISE TYPE AND EMPLOYEES

OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

> STARTUP CAPITAL

ELECTRICITY

ENTERPRISE FINANCE

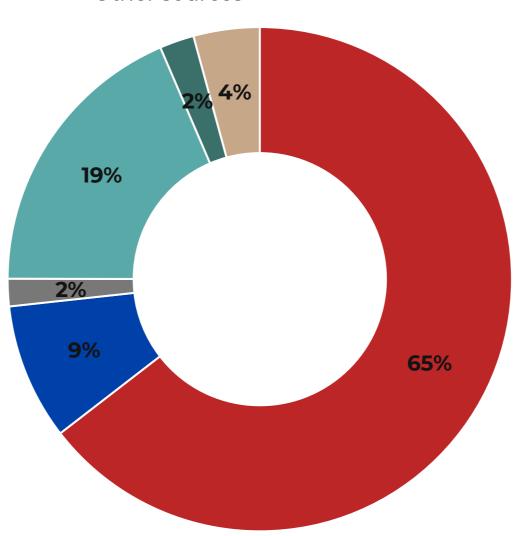


Most formed with their own savings

Main source of startup Capital (% all enterprises)

- Own savings
- Any formal bank

- Family members/ relatives/ friends
- Other sources



- Micro finance loan (less than rs 100,000)
- Don't know/Refused



Q: How was the startup capital financed (main source)?

Base	All island
All enterprises	403

ENTERPRISE TYPE AND EMPLOYEES

OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

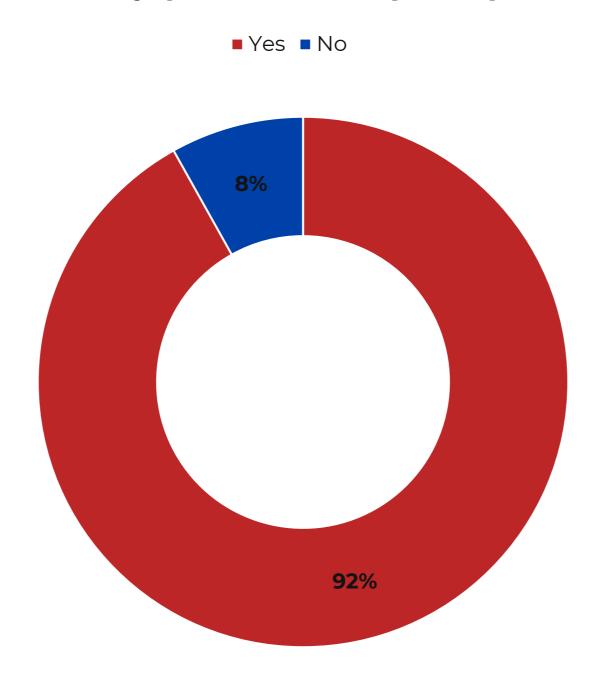
> ELECTRICITY

ENTERPRISE FINANCE



8% of the enterprises don't have electricity

Electricity (% of all enterprises)



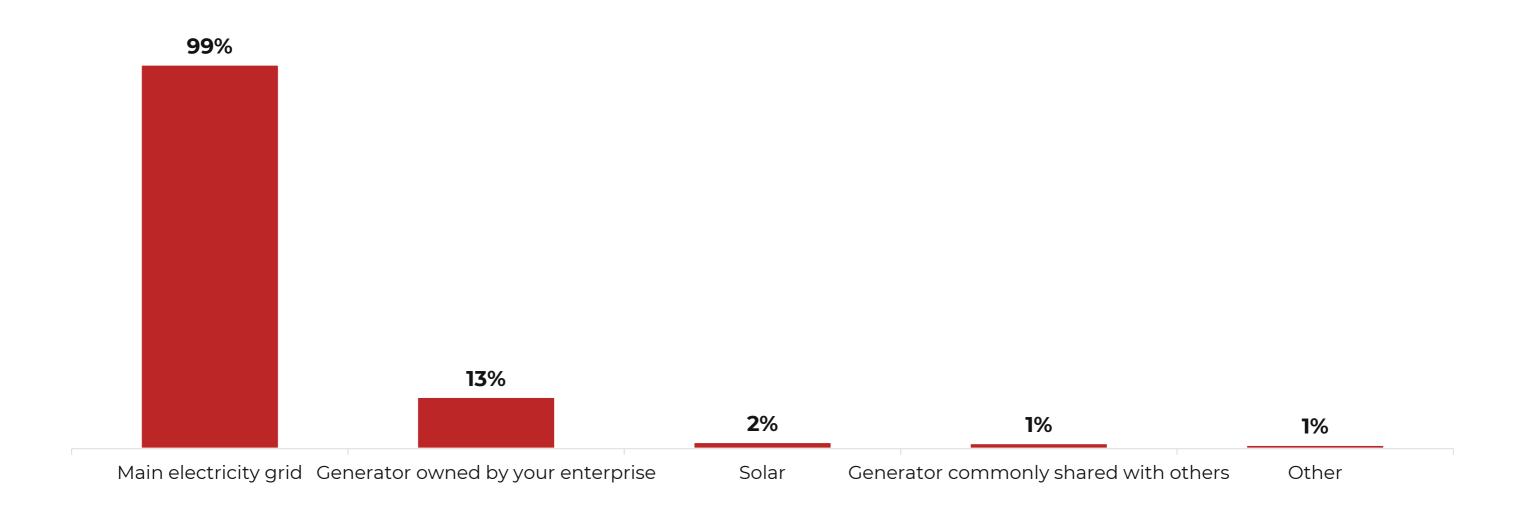


Q: Does your enterprise premises have electricity?

Base	Sri Lanka
All enterprises	403

13% of the enterprises have generators

Source of electricity (% all enterprises)





Q: What is the source of electricity for your enterprise?

Base	All island
Enterprises with electricity	375

ENTERPRISE TYPE AND EMPLOYEES

OWNESHIP

OWNER AND MANAGER

REGISTRATION

NUMBER OF YEARS IN BUSINESS

STARTUP CAPITAL

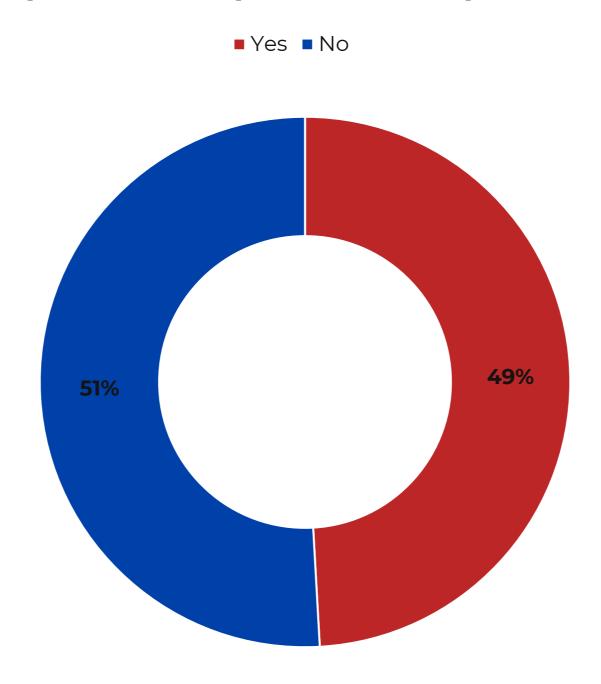
ELECTRICITY

> ENTERPRISE FINANCE



Only half of the enterprises keep separate finance books

Separate enterprise finance (% of all enterprises)



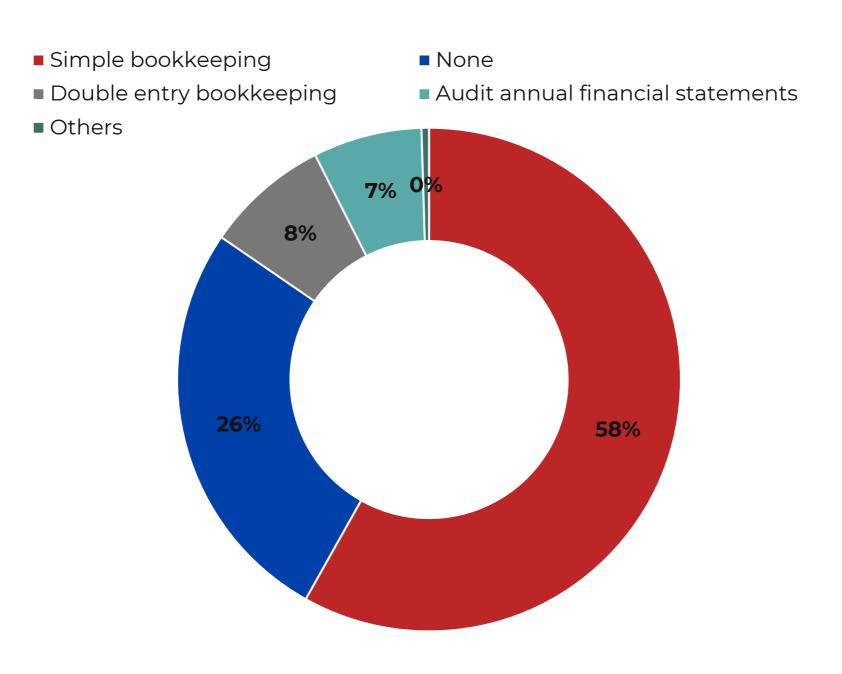


Q: Does your enterprise strictly separate enterprise finances from personal finances?

Base	Sri Lanka
All enterprises	403

Simple bookkeeping is the most commonly used way of keeping financial records

Financial records (% all enterprises)





Q: Does your enterprise keep financial records? If yes how your enterprise keep financial records

Base	Sri Lanka
All enterprises	403

PHONE USE

CONTACT NUMBER
MOBILE PHONE OWNERSHIP AND USE
FIXED LINE TELEPHONE OWNERSHIP AND USE
REASON FOR NOT USING FIXED LINE TELEPHONE



PHONE USE

> CONTACT NUMBER

MOBILE PHONE OWNERSHIP AND USE

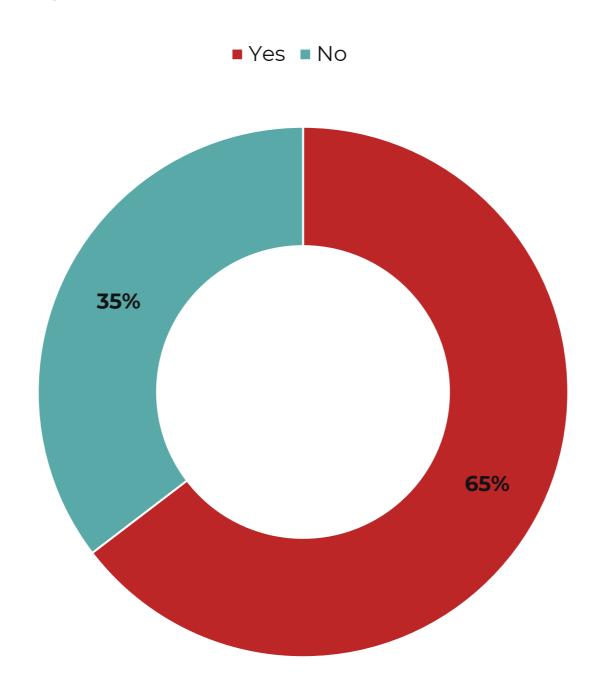
FIXED LINE TELEPHONE OWNERSHIP AND USE

REASON FOR NOT USING FIXED LINE TELEPHONE



Only 65% of the small and medium sized enterprises have a dedicated contact number for the enterprise

Availability of a contact number (% of all enterprises)

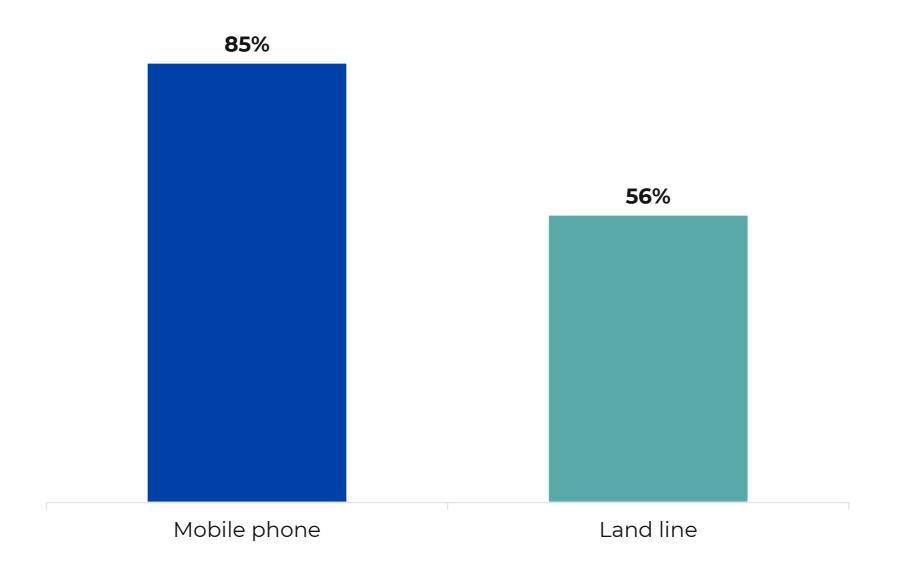




Base	Sri Lanka
All enterprises	403

Many have mobile number as their dedicated contact number

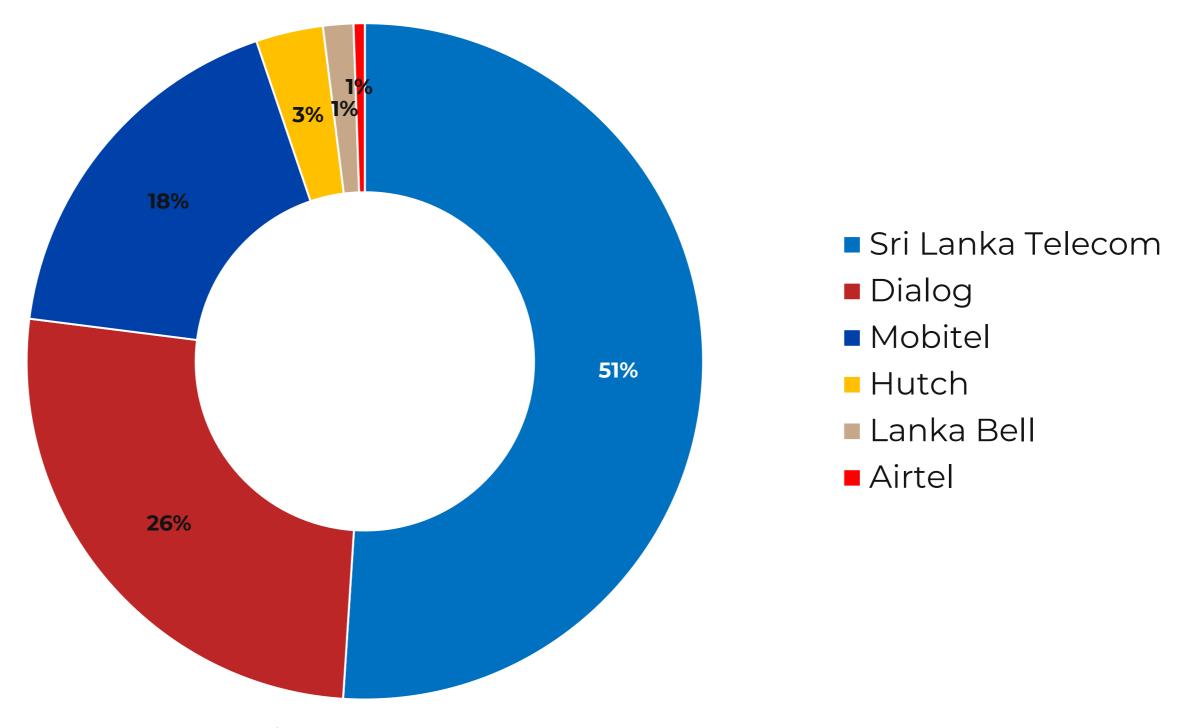
Type of the contact number (% of enterprises with a dedicated contact number)





SLT is the main network provider for more than 50% of the enterprises with a contact number

Main network (% of enterprises with a dedicated contact number)





Q: What is the main Telecom network provider for your/this enterprise?

Base All island
Enterprises with a contact number 244

PHONE USE

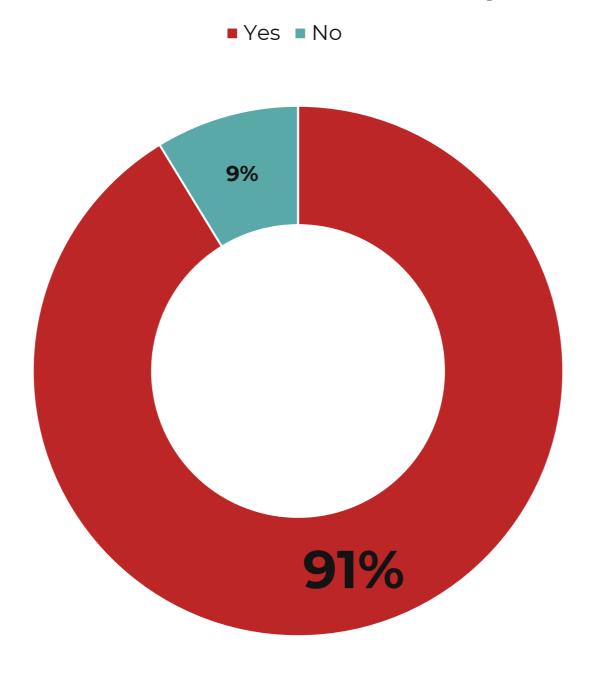
CONTACT NUMBER

> MOBILE PHONE OWNERSHIP AND USE FIXED LINE TELEPHONE OWNERSHIP AND USE REASON FOR NOT USING FIXED LINE TELEPHONE



High mobile phone use for business activities

Mobile phone use for business activities (% of all enterprises)



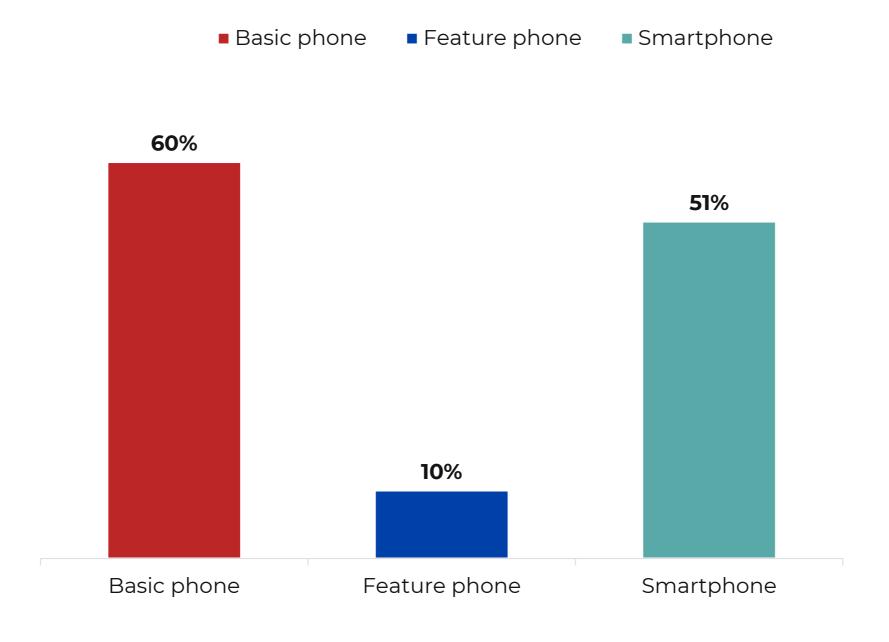


Q: Does your enterprise use mobile phone for business activities?

Base	Sri Lanka
All enterprises	403

High mobile phone use for business activities

Types of mobile phones used for business activities (% of all enterprises)



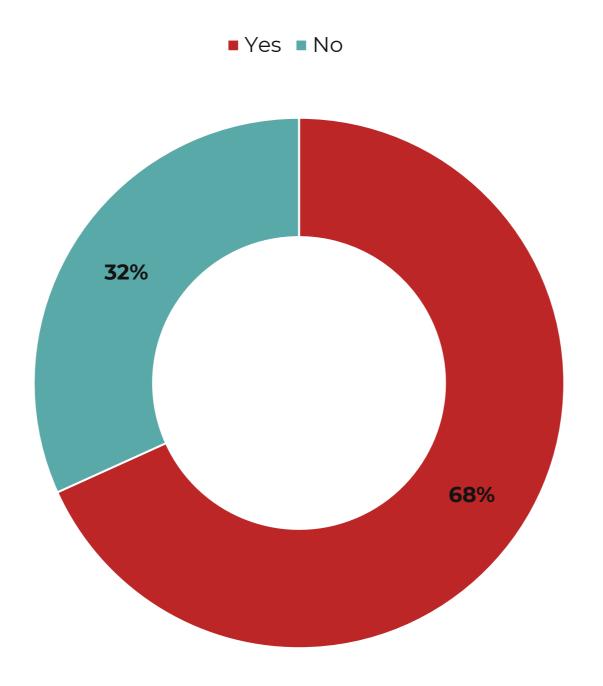


Q: Does your enterprise use mobile phone for business activities? What type of devices? (Multiple responses possible)

Base	Sri Lanka
All enterprises	403

High mobile phone ownership

Ownership of mobile phones (% of enterprises who use mobile phones for business activities)





Q: Who owns those phones? This enterprise

Base	Sri Lank
Enterprises who use mobile phones for business	376

PHONE USE

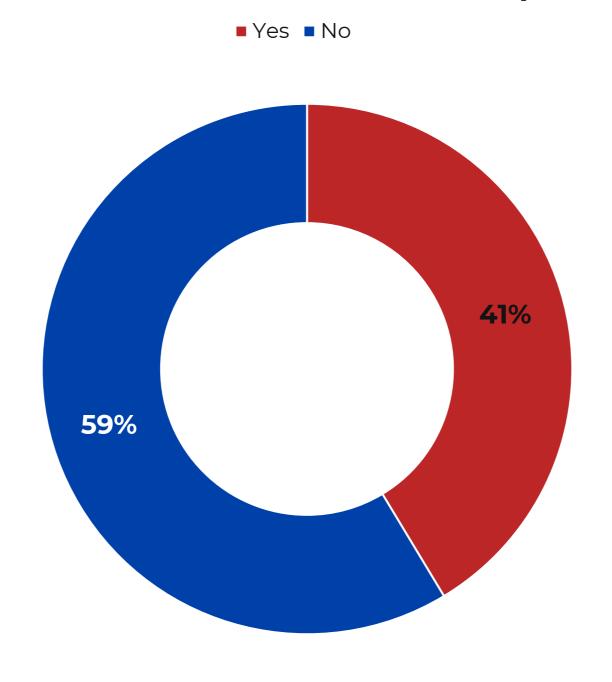
CONTACT NUMBER
MOBILE PHONE OWNERSHIP AND USE

> FIXED LINE TELEPHONE OWNERSHIP AND USE REASON FOR NOT USING FIXED LINE TELEPHONE



Only 41% of enterprises use fixed-line telephones

Fixed-line phone use for business activities (% of all enterprises)



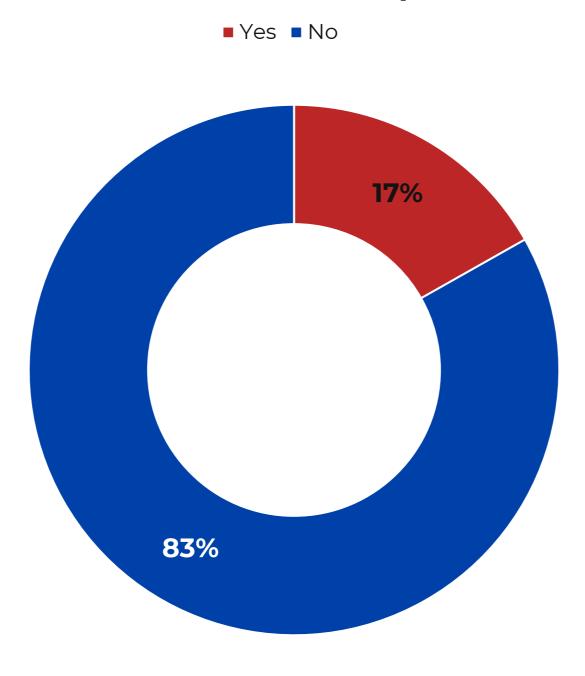


Q: How many working fixed-line telephone connections does your enterprise have?

Base	Sri Lanka
II enterprises	403

Only 17% of enterprises use fax machines

Fax use for business activities (% of all enterprises)





Q: Does the enterprise have a working fax?

ase	Sri Lanka
nterprises who use fixed line telephones	182

PHONE USE

CONTACT NUMBER

MOBILE PHONE OWNERSHIP AND USE

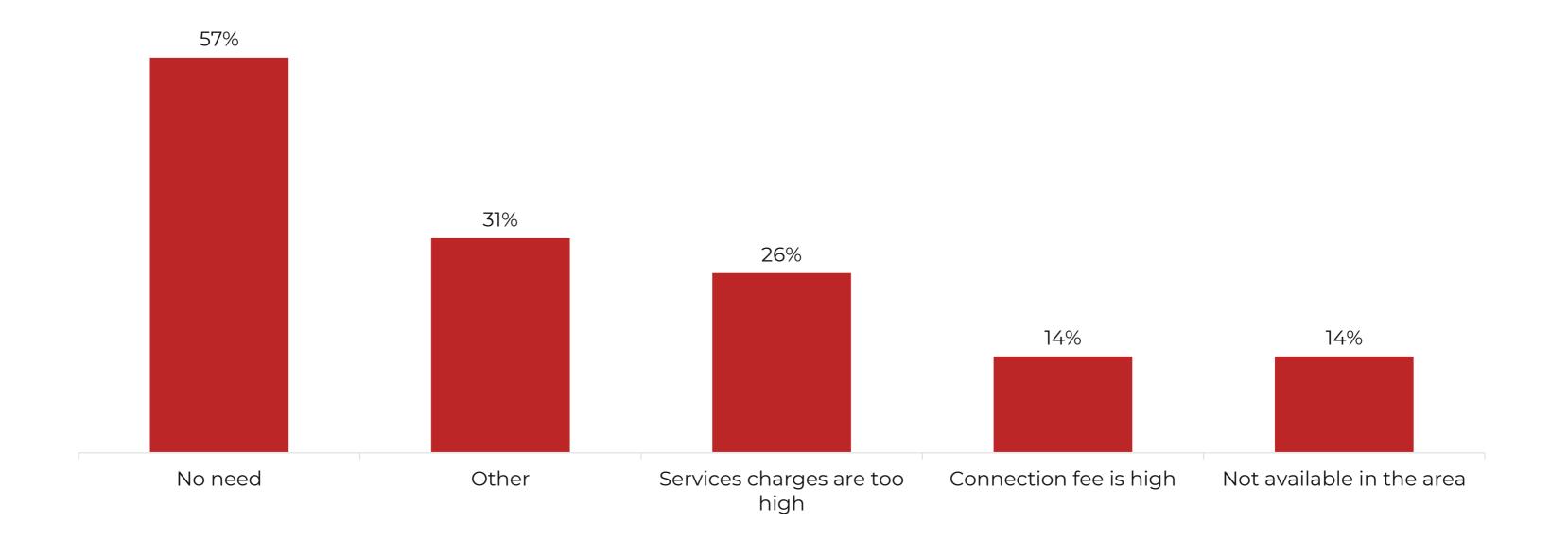
FIXED LINE TELEPHONE OWNERSHIP AND USE

> REASON FOR NOT USING FIXED LINE TELEPHONE



Many feel lack of need is the main reason for not owning a fixed-line telephone

Reason for not using fixed-line telephone(% Enterprises who use do not use fixed line telephones)





Q: What is the reason for not using a fixed line telephone?

Base	Sri Lanka
Enterprises who use do not use fixed line telephones	221

COMPUTER USE

COMPUTER OWNERSHIP
COMPUTER USE
SOFTWARE USE
REASON FOR NOT USING COMPUTERS



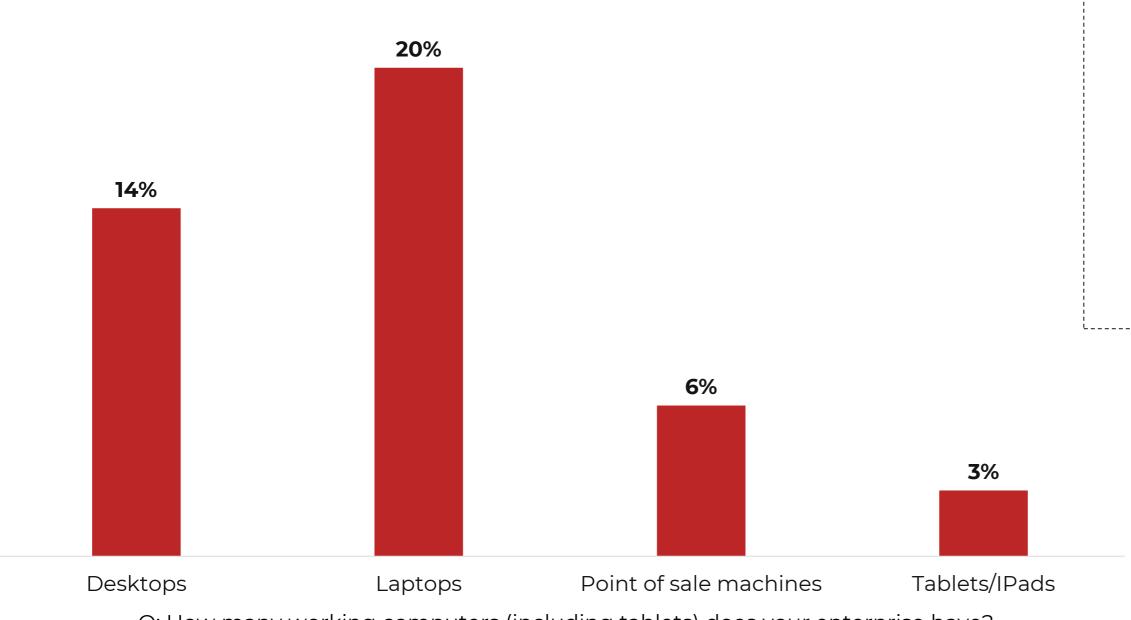
COMPUTER USE

> COMPUTER OWNERSHIP
COMPUTER USE
SOFTWARE USE
REASON FOR NOT OWNING COMPUTERS



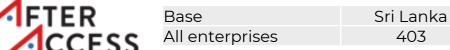
Low computer ownership among the enterprises

Computer ownership (% of all enterprises)



Of the enterprises owns atleast one type of these computer

Q: How many working computers (including tablets) does your enterprise have?



COMPUTER USE

COMPUTER OWNERSHIP

> COMPUTER USE

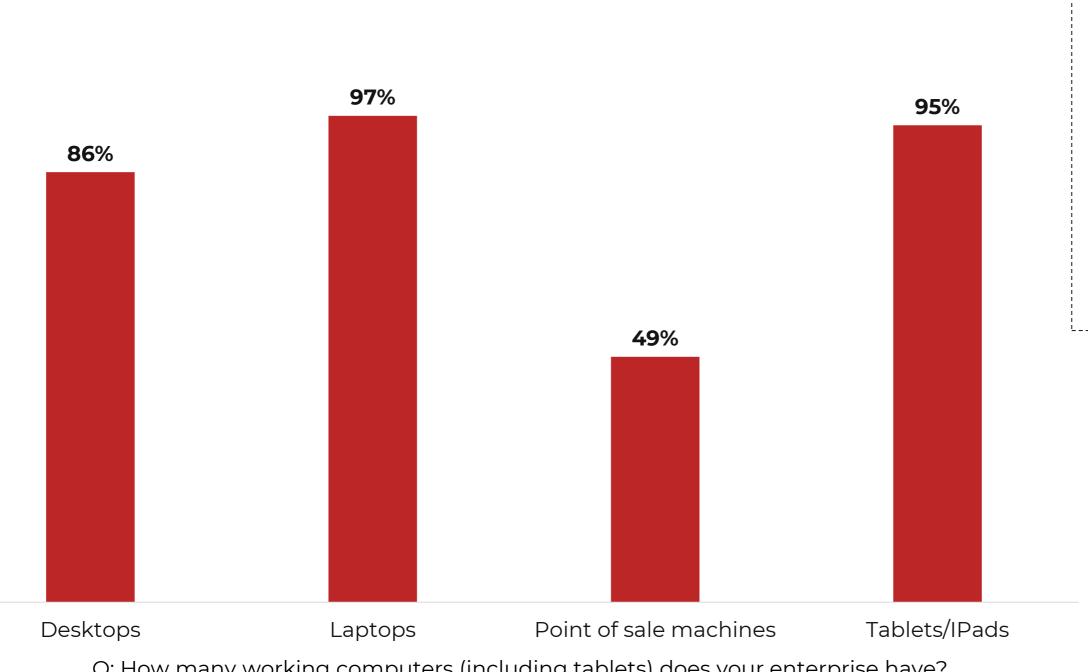
SOFTWARE USE

REASON FOR NOT OWNING COMPUTERS



Very high number of computers connected to the internet despite the low ownership

Internet use via computers (% of enterprises who own computers)



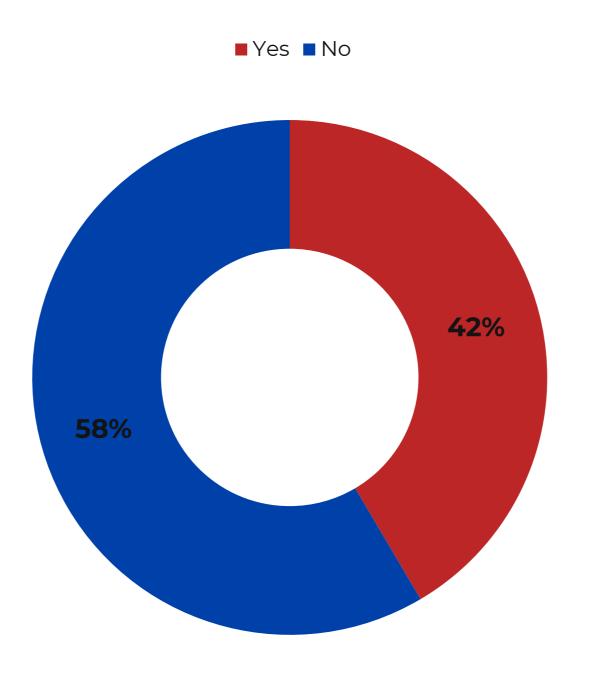
Of the enterprises who owns computers have connected their computers to the internet

Q: How many working computers (including tablets) does your enterprise have?



More than 40% of the enterprises who owns computers owns a printer

Printer ownership (% of enterprises who own computers)





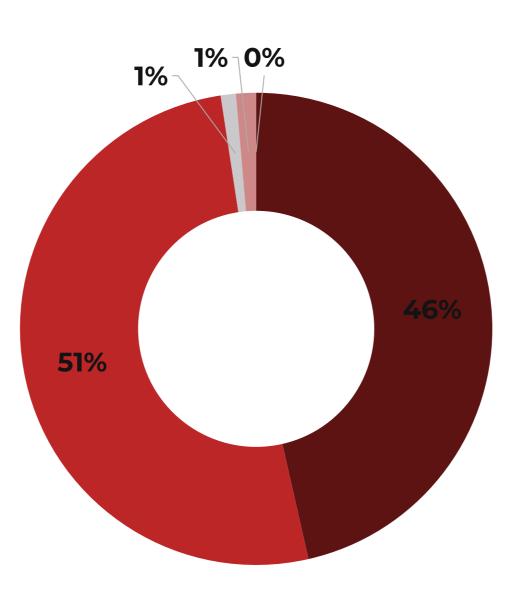
Q: Does the enterprise have a working printer?

Base	Sri Lanka
Enterprises who own computers	124

Almost all enterprise who owns computers believe that computers are important for their business activities

Importance of computer use(% of enterprises who own computers)

■ Very important ■ Important ■ Neither not important nor important ■ Not important ■ Not important at all





Q: Please tell me, how important is the usage of computers for your business activities?

Base	Sri Lanka
Enterprises who own computers	124

COMPUTER USE

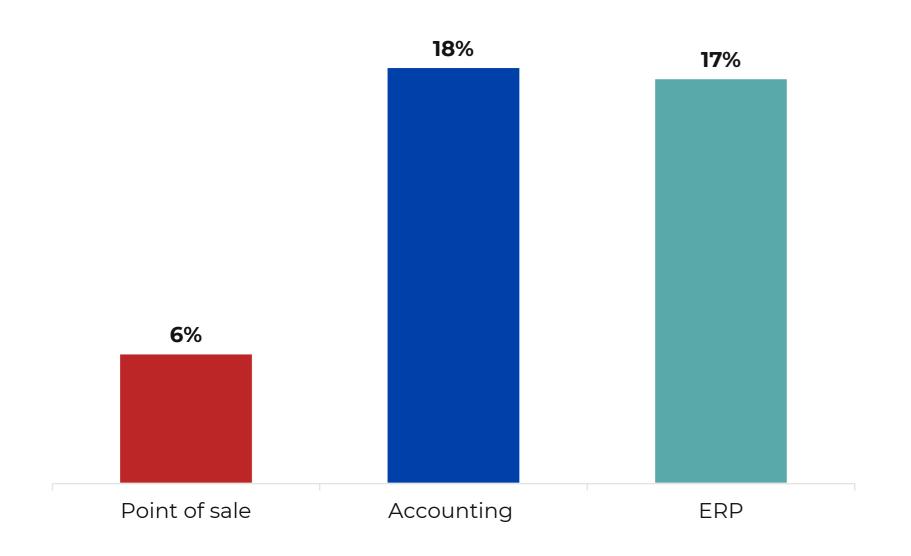
COMPUTER OWNERSHIP COMPUTER USE

> SOFTWARE USE REASON FOR NOT OWNING COMPUTERS



Software for business management used by under 25% of enterprises

Types of software used for business activities (% of enterprises who own computers)





Of the enterprises use at least one type of software (Point of sale, Accounting or ERP software)



Q: Does your company use

Base	Sri Lanka
Enterprises who own computers	124

COMPUTER USE

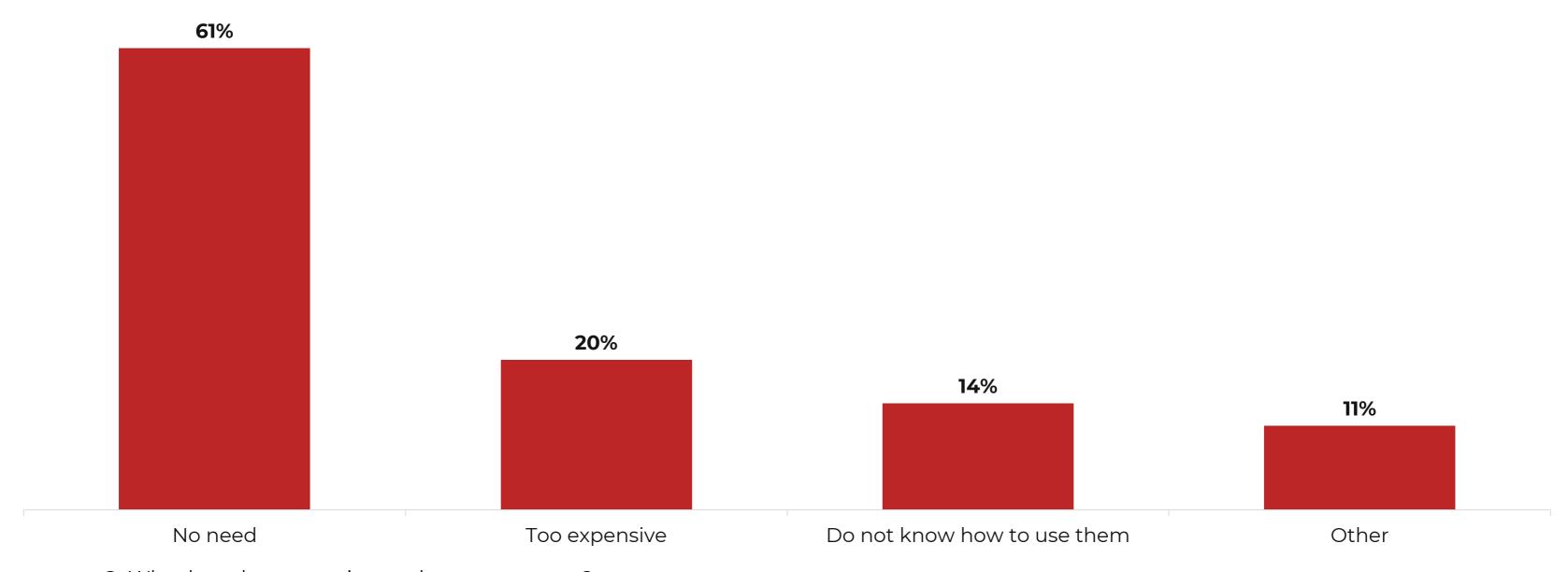
COMPUTER OWNERSHIP COMPUTER USE SOFTWARE USE

> REASON FOR NOT OWNING COMPUTERS



Lack of need is the key reason for not owning a computer for the enterprise

Reason for not owning computers (% of enterprises who don't own computers)





Q: Why does the enterprise not have computers?

Base Sri Lanka Enterprises who don't own computers 279



INTERNET AND SOCIAL MEDIA

INTERNET AND SOCIAL MEDIA USE REASONS FOR NON USE





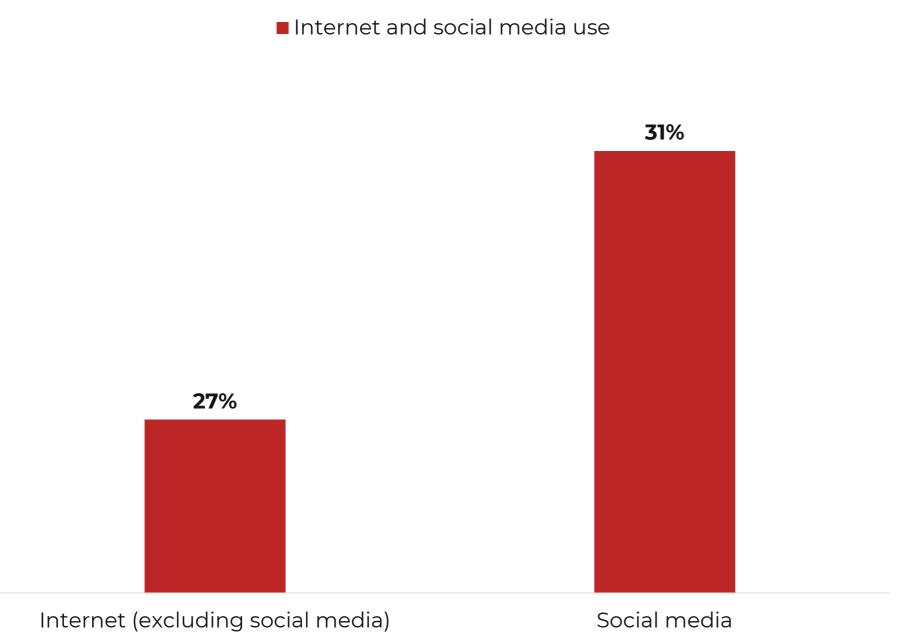
INTERNET AND SOCIAL MEDIA

> INTERNET AND SOCIAL MEDIA USE REASONS FOR NON USE



40% of the small and medium sized enterprise use internet or social media

Internet or Social media use (% of all enterprises)





Of the enterprises use internet or social media for business purposes

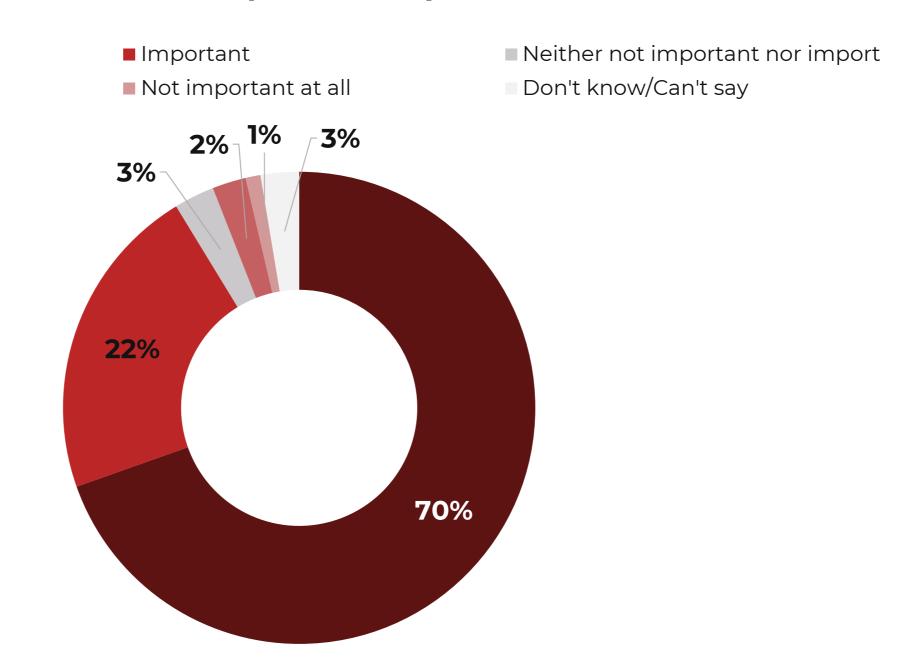
Q: Does your enterprise use the internet or social media like Facebook, twitter, Instagram, whatsapp, Viber, G+ for business purposes?



Base	Sri Lanka
All enterprises	403

More than 90% of the enterprises who use internet or social media think internet and social media is important for them

Importance of internet or social media use (% of enterprises who use internet or social media)



Q: Please tell me how important is the use of the internet and/ or social media (like Facebook, twitter, Instagram, WhatsApp, Viber, G+) for your business activities?

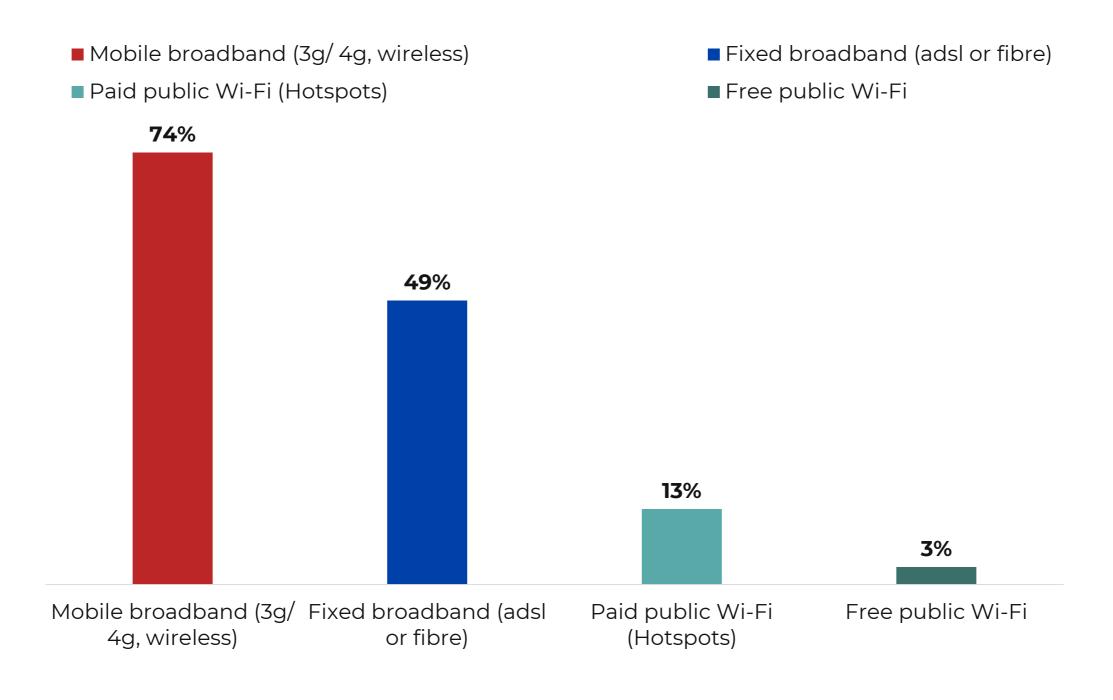


■ Very important

■ Not important

Mobile broadband is the most commonly used way of connecting to the internet

Mode of connection to the internet (% of enterprises who use internet or social media)

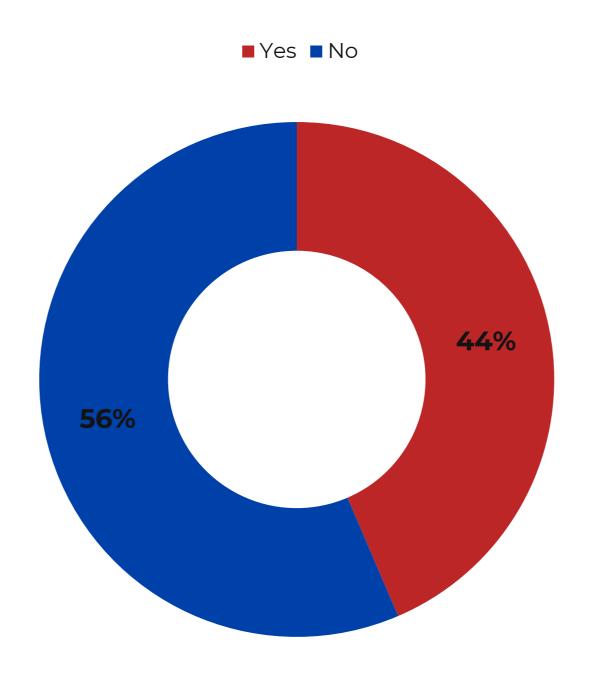






More than 40% of the enterprises who owns computers has a website for their enterprise

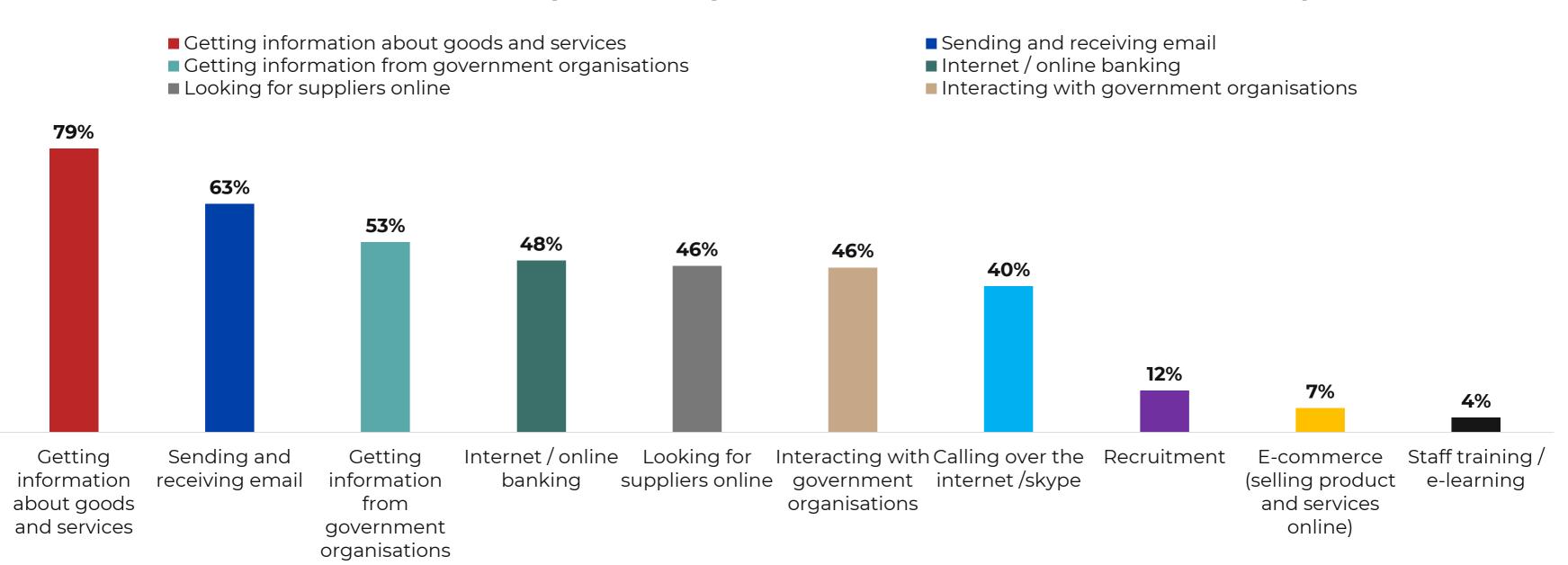
Website availability (% of enterprises who use internet or social media)





Getting information is the most common use of the internet followed by send and receive e-mails

Use of the internet (% of enterprises who use internet or social media)

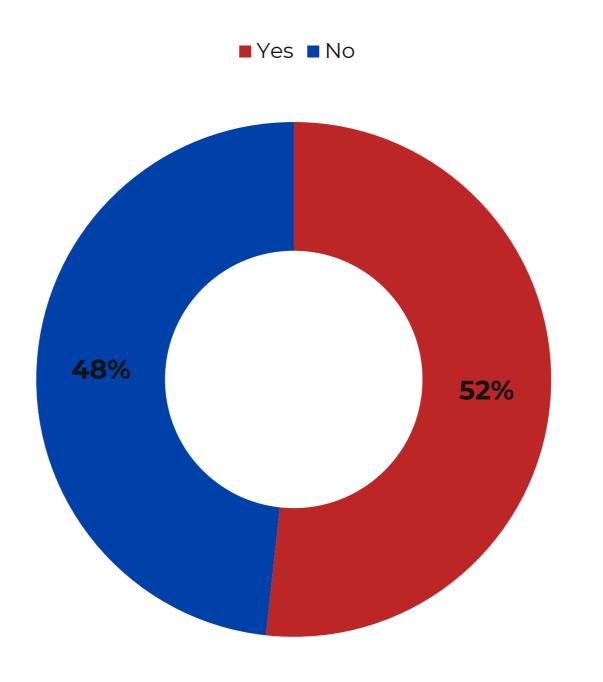


Q: What do you use the internet for?



More than half of the enterprises who use internet or social media have received orders online

Receiving orders online (% of enterprises who use internet or social media)

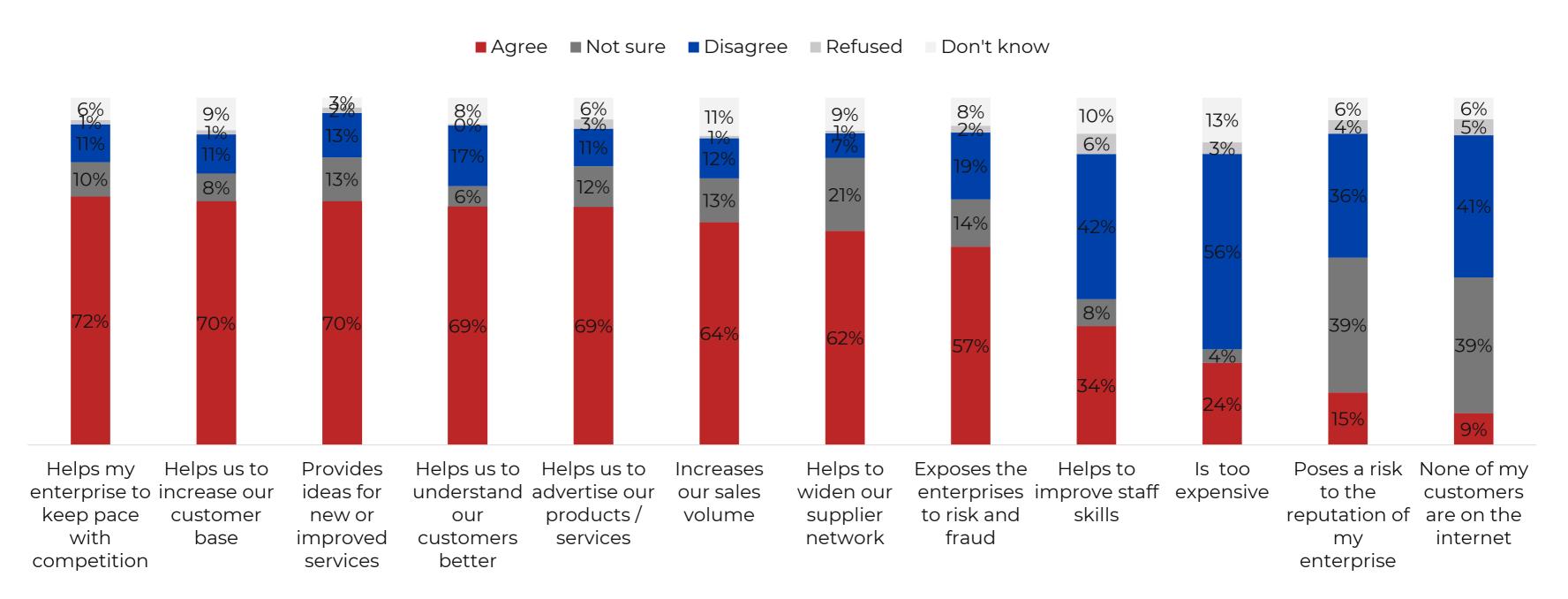




Q: How many orders does the enterprise receive via the internet and/or social media in a month?

Many have positive perception towards internet use for business purposes

Perception about the internet (% of enterprises who use internet or social media)



Q: Regarding the internet and/or social media for business use I will read the following statements, please tell me whether you agree with me or not.





INTERNET AND SOCIAL MEDIA

INTERNET AND SOCIAL MEDIA USE > REASONS FOR NON-USE

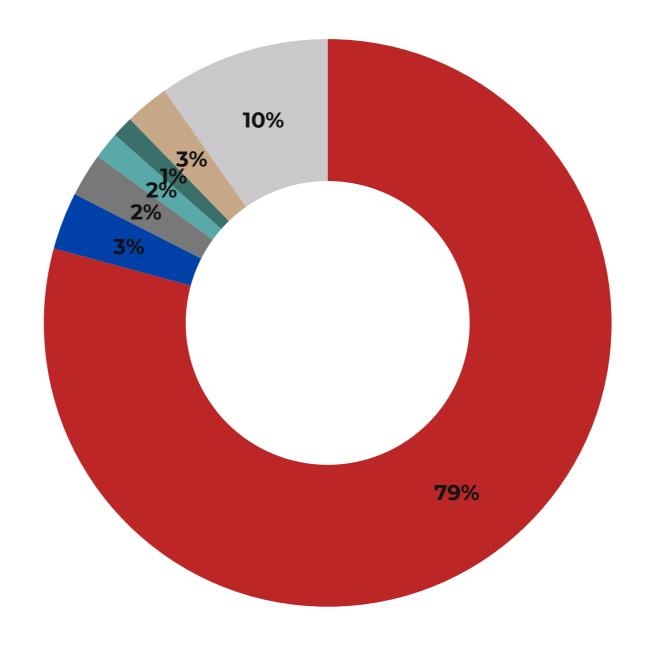


Lack of need is the main reason for not using the internet

Reason for not using the internet or social media(% of enterprises who don't use internet or social media)



- I don't have any internet accessible devices
- Devices are expensive
- I don't know how to use it
- Too expensive
- Others
- Don't know/Refused

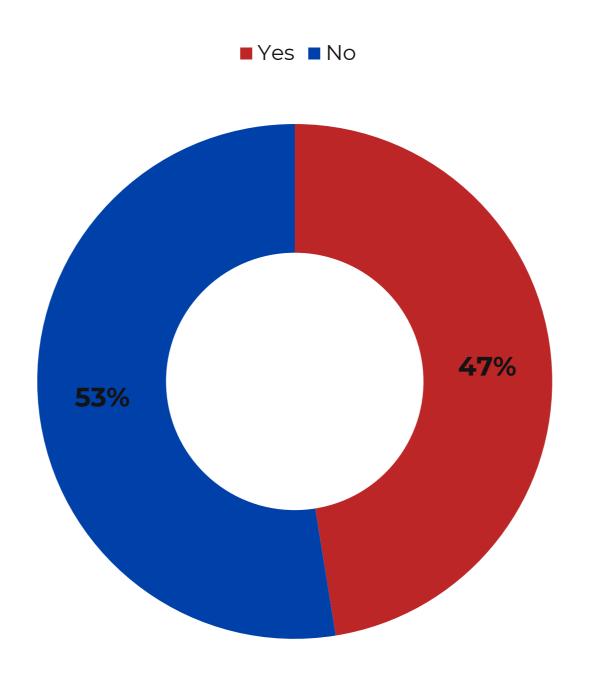




Q: Why is the main reason your enterprise not use internet and or social media for business purposes?

47% of non-internet or social media users are planning to use it in the future

Plan to use Internet or social media in the future (% of enterprises who don't use internet or social media)





Q: Does your enterprise plan to use Internet or social media in the future?

Base	Sri Lanka
Enterprises who don't use internet or social media	258

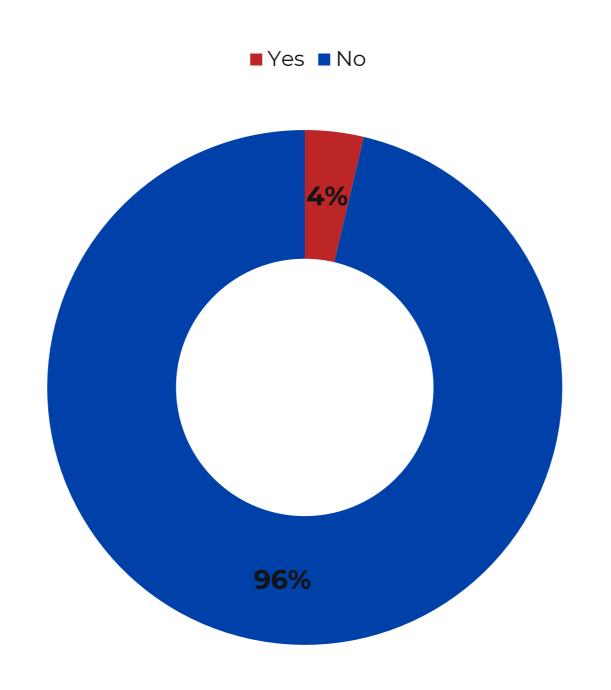
MOBILE MONEY

> MOBILE MONEY USE REASON FOR NOT USING MOBILE MONEY



Very low mobile money use among small and medium sized enterprises

Mobile money use(% of all enterprises)





Q: Does the enterprise send or receive mobile money (eg: ezcash, mcash)?

Base	Sri Lanka
All enterprises	403

MOBILE MONEY

MOBILE MONEY USE

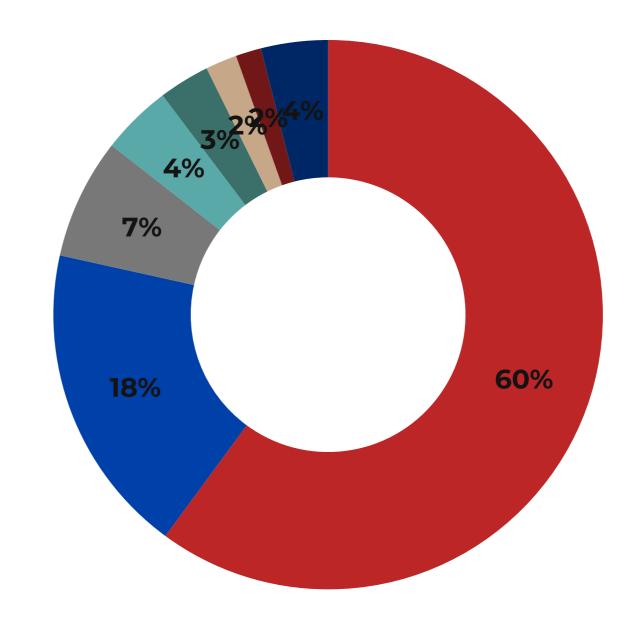
> REASON FOR NOT USING MOBILE MONEY



Lack of need and lack of knowledge are the main reasons for non-use

Reason for not using mobile money (% of non-mobile money using enterprises)

- No need to use mobile money
- I do not know what mobile money is
- Too expensive/I cannot afford
- Setup is too complicated
- No time / too busy
- No outlets/agents available in my area to reload / withdraw
- No mobile network coverage in the area
- Other



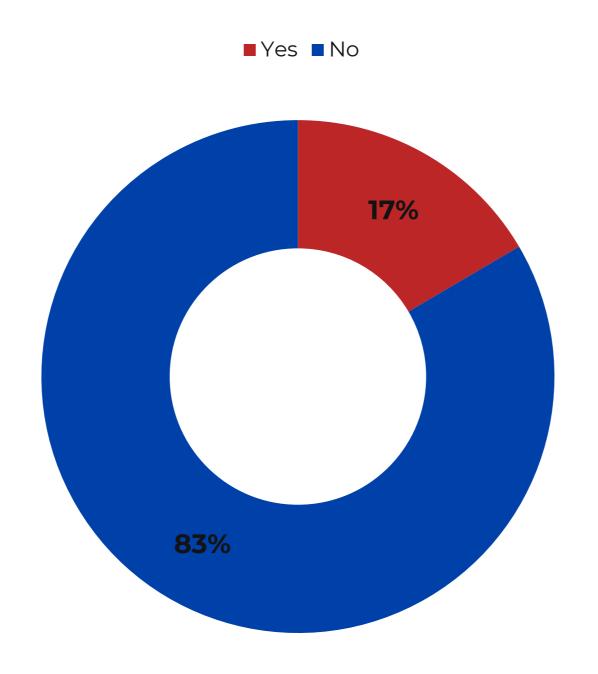


Q: Why does the enterprise not use mobile money?

Base	Sri Lanka
Enterprises who don't use mobile money	387

Only 17% think they will use mobile money in future

Plans to use mobile money in future (% of non-mobile money using enterprises)





Q: Is the enterprise planning to use mobile money in future?

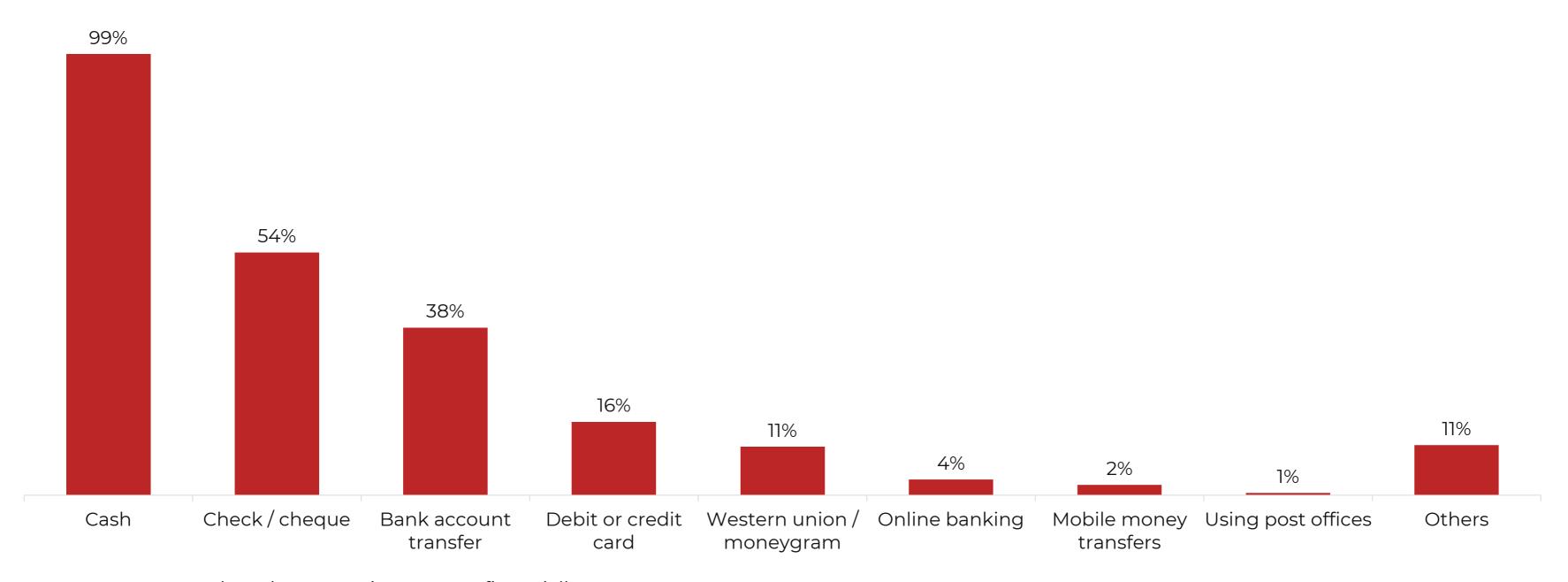
Base	Sri Lanka
Enterprises who don't use mobile money	387

TRANSACTIONS



Cash is the commonly used mode of transaction

Transaction methods (% of all enterprises)





Q: How does the enterprise transact financially?

Base	Sri Lanka
All enterprises	403

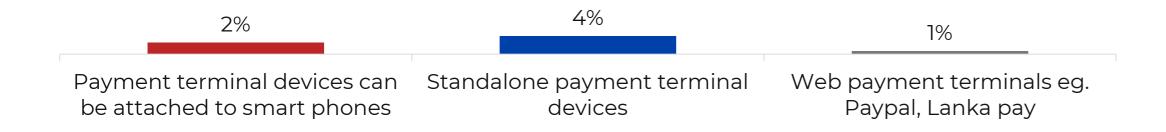
Low use of payment terminal devices

Type of payment terminal (% of all enterprises)

- Payment terminal devices can be attached to smart phones
- Standalone payment terminal devices
- Web payment terminals eg. Paypal, Lanka pay



Of the enterprises use at least one type of payment terminal





Q: Which payment terminal / credit card terminal devices are used by your enterprise?

Base	Sri Lanka
All enterprises	403

ICT USE INDEX & CLUSTERS



Enterprise classification based on their ICT use

ICT use classification

based on

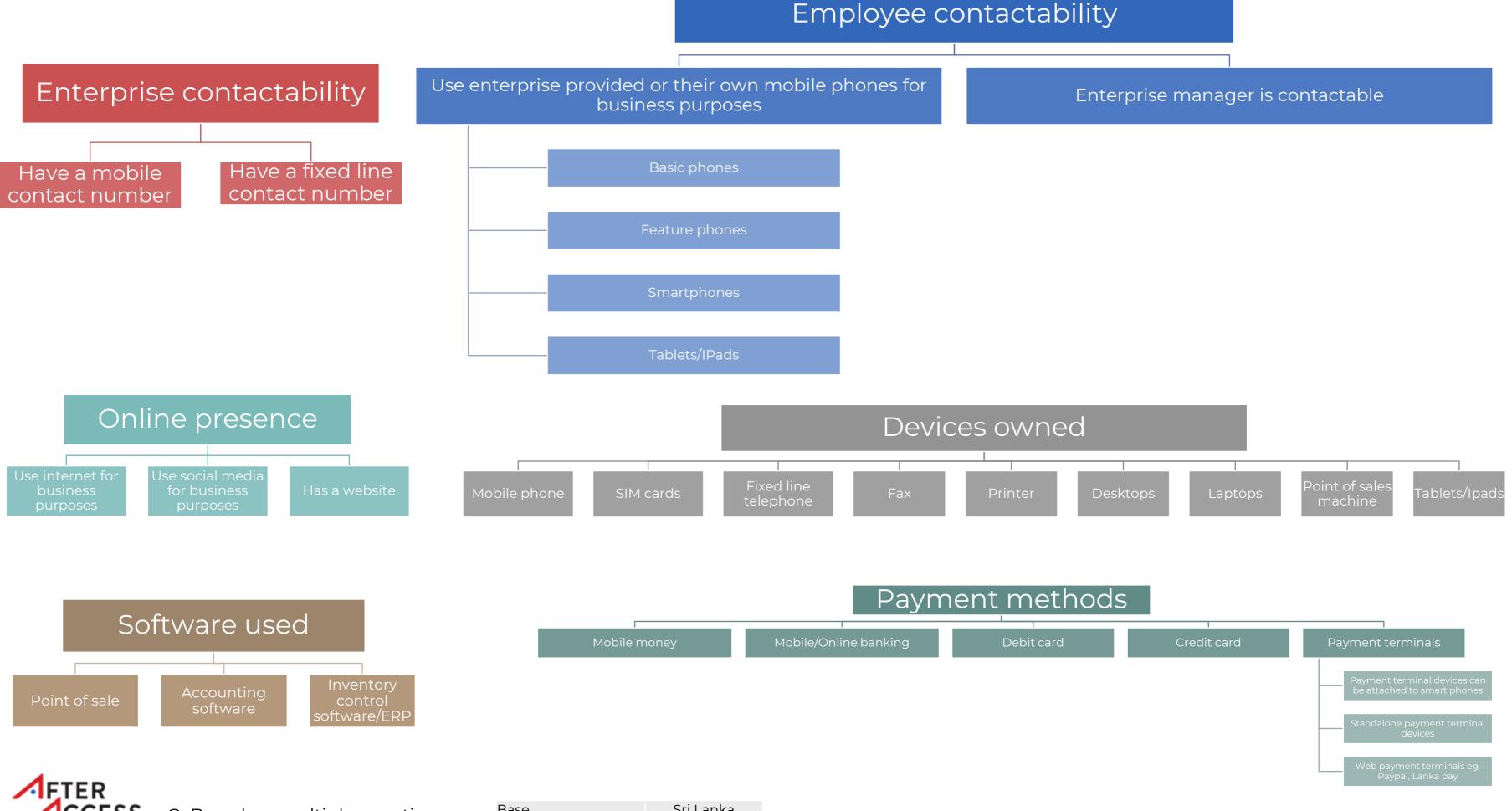
29 variables under Six criteria

Enterprise contactability
Employee contactability
Online presence
Devices (own by the enterprise)
Enterprise software
Payments



Q: Based on multiple questions.

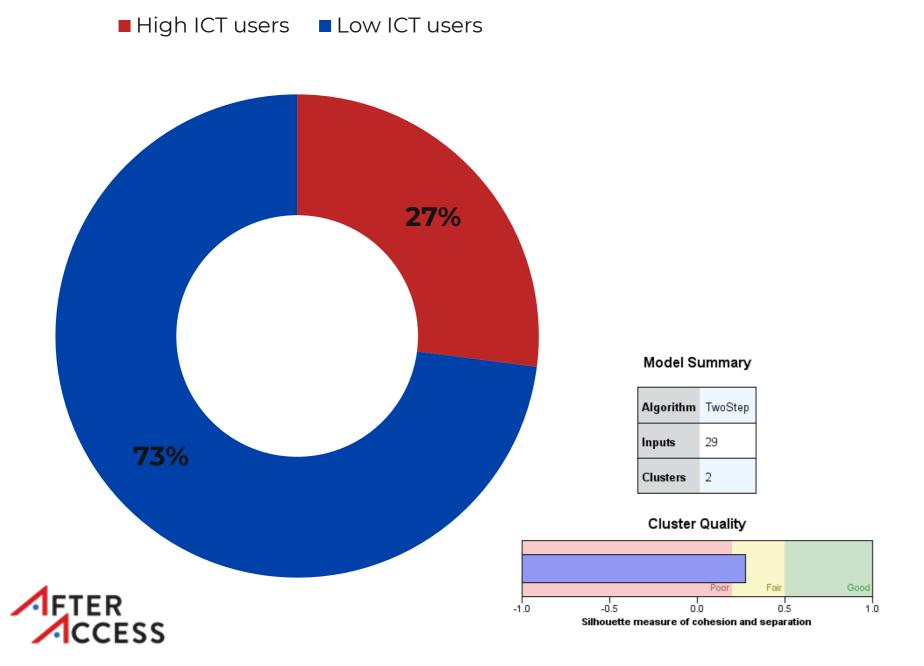
Base	Sri Lanka
All enterprises	403



Only 27% classified as high ICT using enterprises

ICT use classification

Two group of enterprises identified using two-step clustering technique

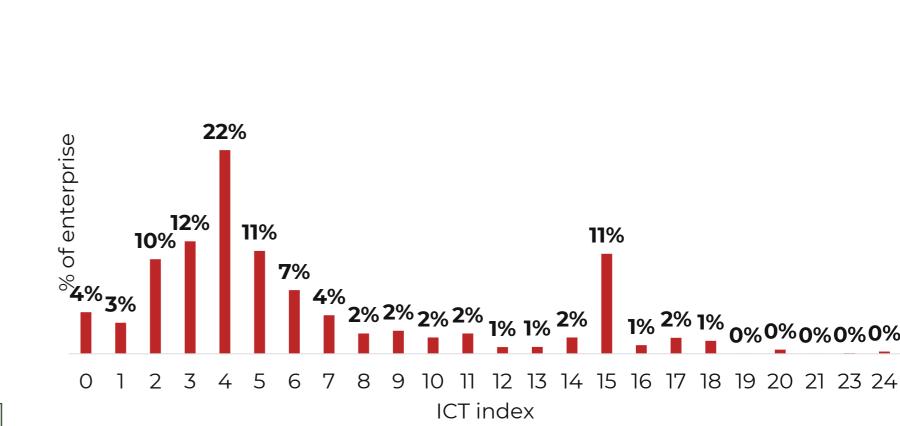


ICT Index

An ordinal index was formed

If a previously mentioned characteristic present in an enterprise a score of 1 was assigned. The index has a minimum of 0 and a theoretical maximum of 29.

■ % of enterprises



Base	Sri Lanka
All enterprises	403

High ICT users have a higher revenue

Revenue of the enterprise in LKR (all enterprises)

371/

All enterprises

Low ICT users



Q: What is the total monthly sales of your enterprise?



Base Sri Lanka All enterprises 403

SUPPLY CHAIN

F2F CONTACT WITH SUPPLIERS
SUPPLIER LOCATIONS
SUPPLIERS' SIZE
PERIOD OF BUSINESS
RELIABILITY
COMMUNICATION WITH SUPPLIERS
LINE OF CREDIT



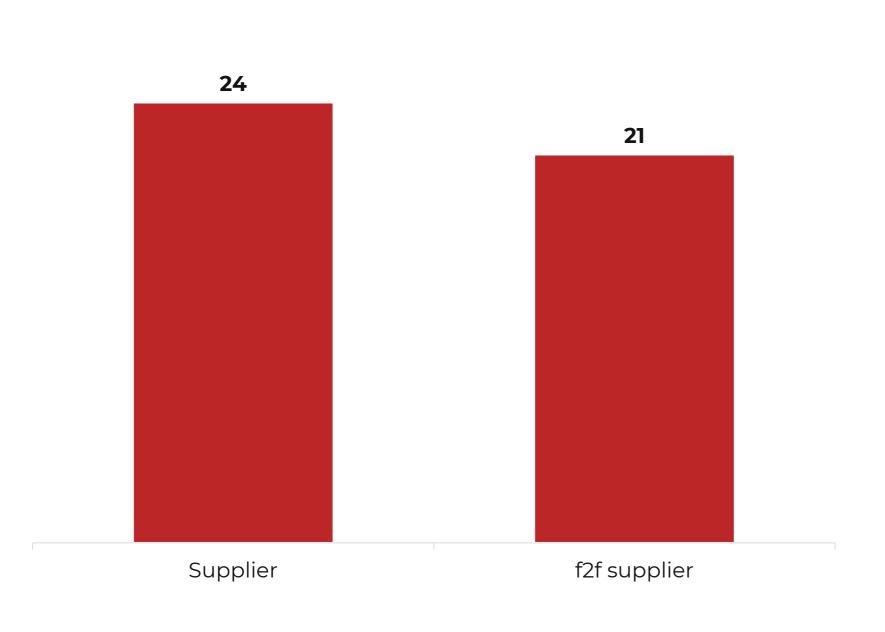
SUPPLY CHAIN

> F2F CONTACT WITH SUPPLIERS
SUPPLIER LOCATIONS
SUPPLIERS' SIZE
PERIOD OF BUSINESS
RELIABILITY
COMMUNICATION WITH SUPPLIERS
LINE OF CREDIT



There are suppliers that the enterprises never met face to face

Avg. number of suppliers (all enterprises)



Of the enterprises have at least one supplier

Q1: How many suppliers does your enterprise have (where enterprise is buying supplies from, receives services from)

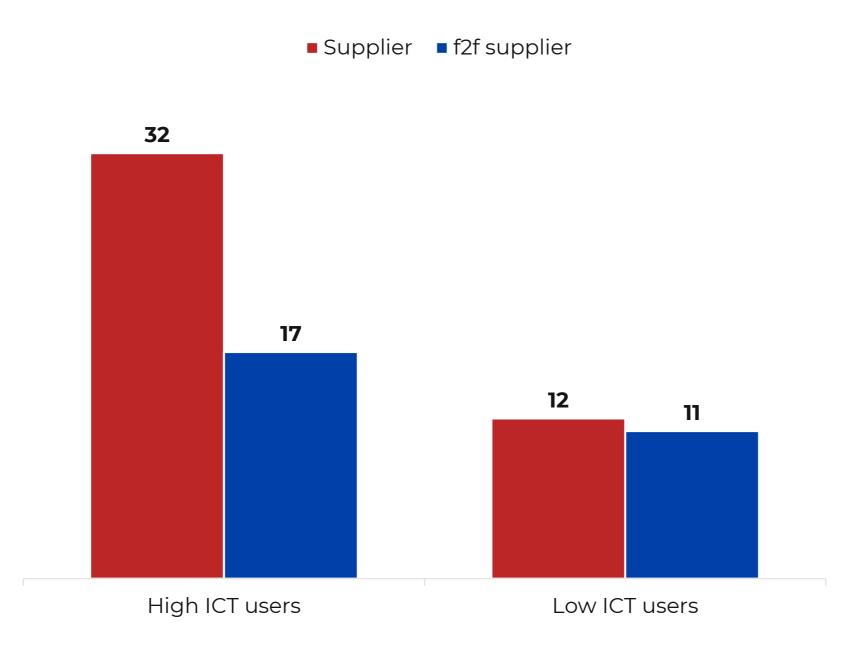
Q2: How many suppliers have you met face to face? (0 if none)

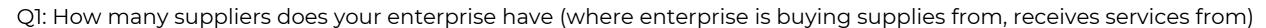
A	TER	
	CCESS	

Base	Sri Lanka
All enterprises	403

High ICT using enterprises have low number of suppliers that met face to face

Avg. number of suppliers (all enterprises)





Q2: How many suppliers have you met face to face? (0 if none)

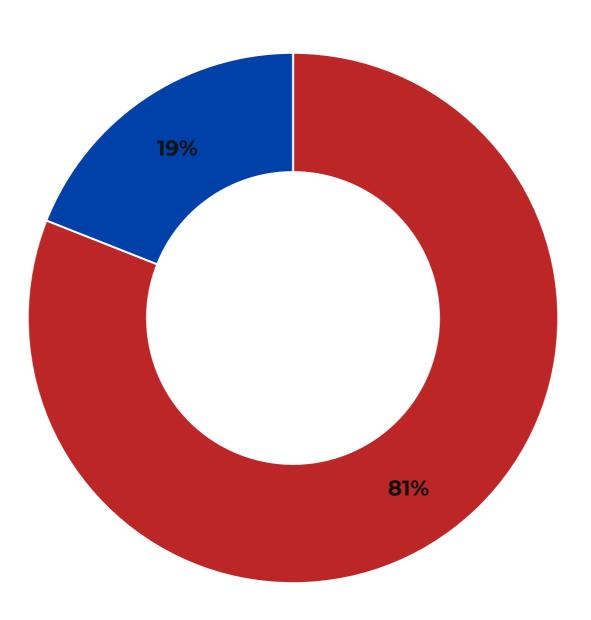


Base	High ICT users	Low ICT users
All enterprises	116	287

1/5th of the suppliers haven't physically met

Face to face suppliers (all enterprises)





Q1: How many suppliers does your enterprise have (where enterprise is buying supplies from, receives services from)

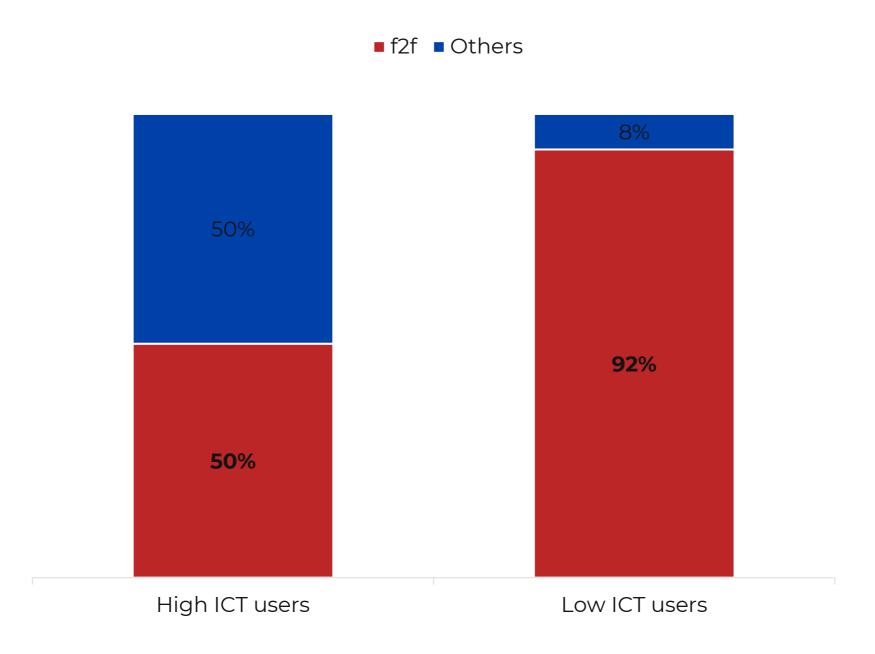
Q2: How many suppliers have you met face to face? (0 if none)

FTER

Base	Sri Lanka
All enterprises	403

High ICT using enterprises have low percentage of suppliers that met face to face

Percentage of face-to-face suppliers (all enterprises)





Q2: How many suppliers have you met face to face? (0 if none)



Base	High ICT users	Low ICT users
All enterprises	116	287

SUPPLY CHAIN

F2F CONTACT WITH SUPPLIERS

> SUPPLIER LOCATIONS

SUPPLIERS' SIZE

PERIOD OF BUSINESS

RELIABILITY

COMMUNICATION WITH SUPPLIERS

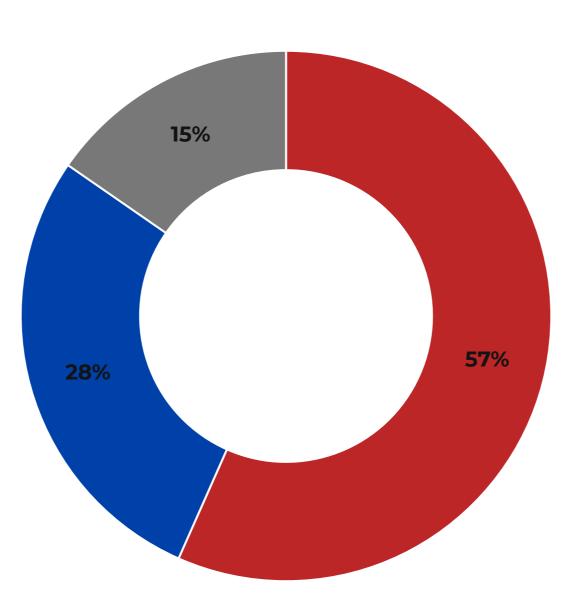
LINE OF CREDIT



Many are local suppliers

Main suppliers' location (% all enterprise)





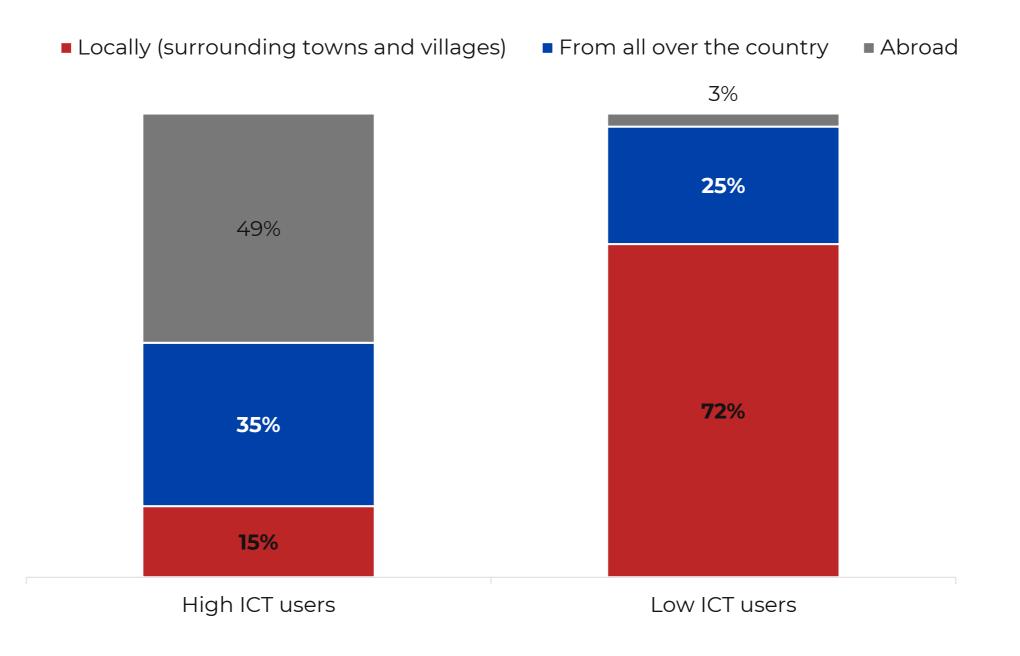


Q: Where are the main suppliers located (if there are more than one main suppliers; and they are at different locations take the furthest away)

Base	High ICT users	Low ICT users
Enterprises with suppliers	88	246

High ICT using enterprises has attracted more foreign suppliers

Main suppliers' location (% all enterprise)





Q: Where are the main suppliers located (if there are more than one main suppliers; and they are at different locations take the furthest away)

Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

SUPPLY CHAIN

F2F CONTACT WITH SUPPLIERS SUPPLIER LOCATIONS

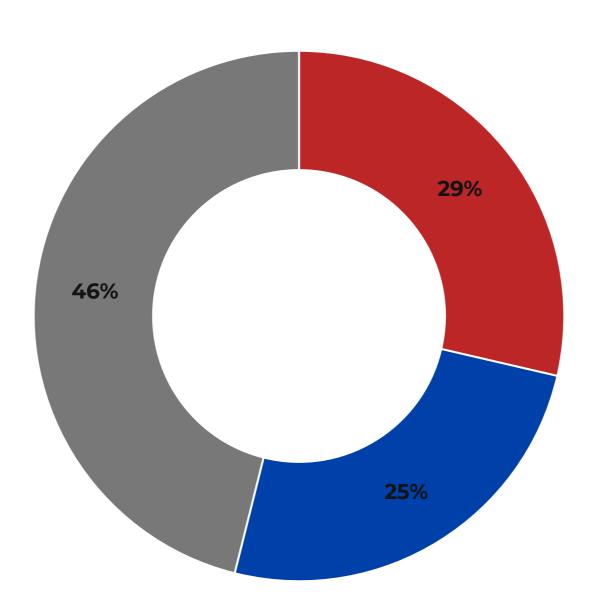
> SUPPLIERS' SIZE
PERIOD OF BUSINESS
RELIABILITY
COMMUNICATION WITH SUPPLIERS
LINE OF CREDIT



Many suppliers are larger than the enterprise

Main supplier's size (% all enterprises)





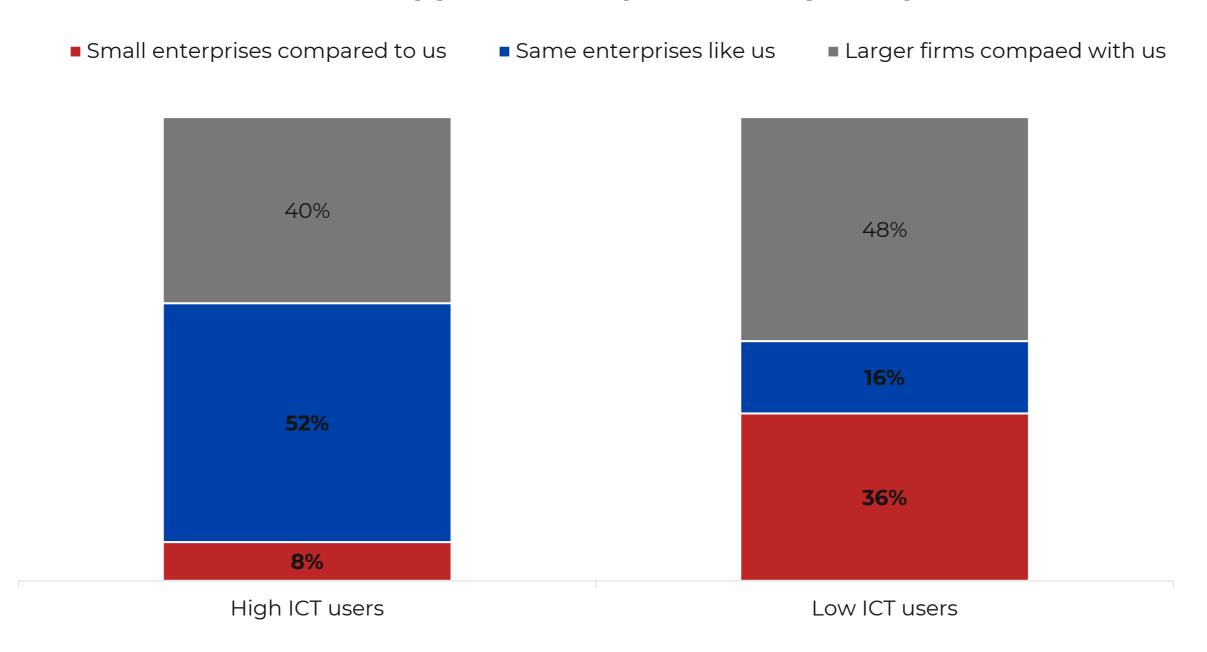


Q: Who are your main suppliers?

Base	Sri Lanka
Enterprises with suppliers	334

High ICT users deal with larger suppliers

Main supplier's size (% all enterprises)





Q: Who are your main suppliers?

Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

SUPPLY CHAIN

F2F CONTACT WITH SUPPLIERS SUPPLIER LOCATIONS SUPPLIERS' SIZE

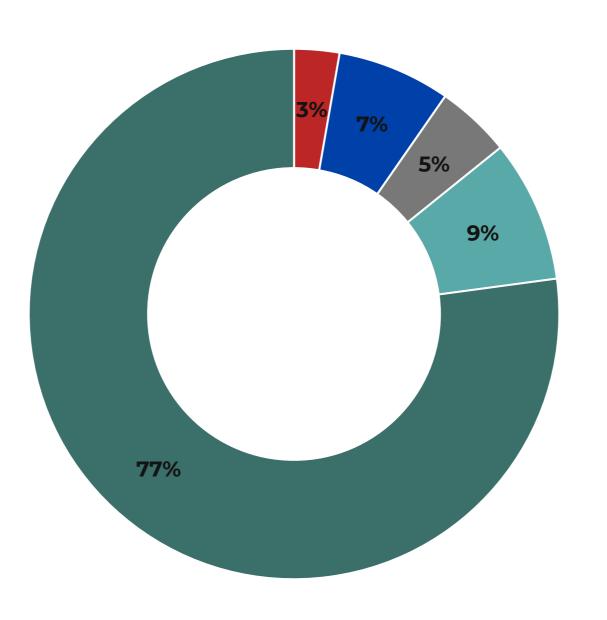
> PERIOD OF BUSINESS
RELIABILITY
COMMUNICATION WITH SUPPLIERS
LINE OF CREDIT



Many started more than three years ago

Period of business with main supplier (% all enterprises)







Q: How long have you been doing business with the main suppliers?

ase	Sri Lanka
nterprises with suppliers	334

SUPPLY CHAIN

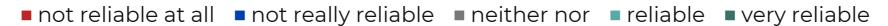
F2F CONTACT WITH SUPPLIERS
SUPPLIER LOCATIONS
SUPPLIERS' SIZE
PERIOD OF BUSINESS

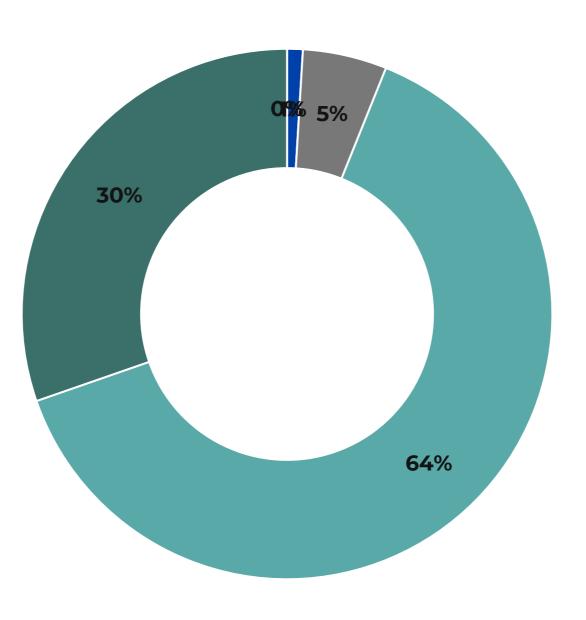
> RELIABILITY
COMMUNICATION WITH SUPPLIERS
LINE OF CREDIT



Many suppliers are reliable

Reliability of main suppliers (% all enterprises)







Q: How reliable are the main suppliers?

Base	Sri Lanka
Enterprises with suppliers	334

SUPPLY CHAIN

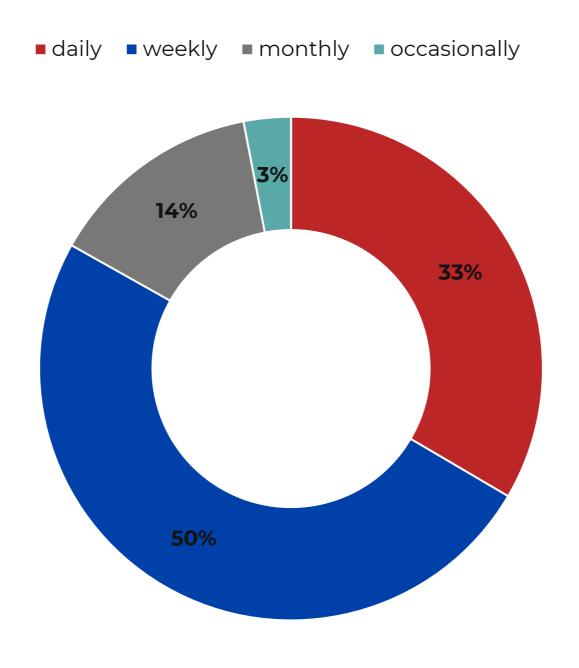
F2F CONTACT WITH SUPPLIERS
SUPPLIER LOCATIONS
SUPPLIERS' SIZE
PERIOD OF BUSINESS
RELIABILITY

> COMMUNICATION WITH SUPPLIERS LINE OF CREDIT



Many communicate frequently with their suppliers

Frequency of communication with main suppliers (% all enterprises)



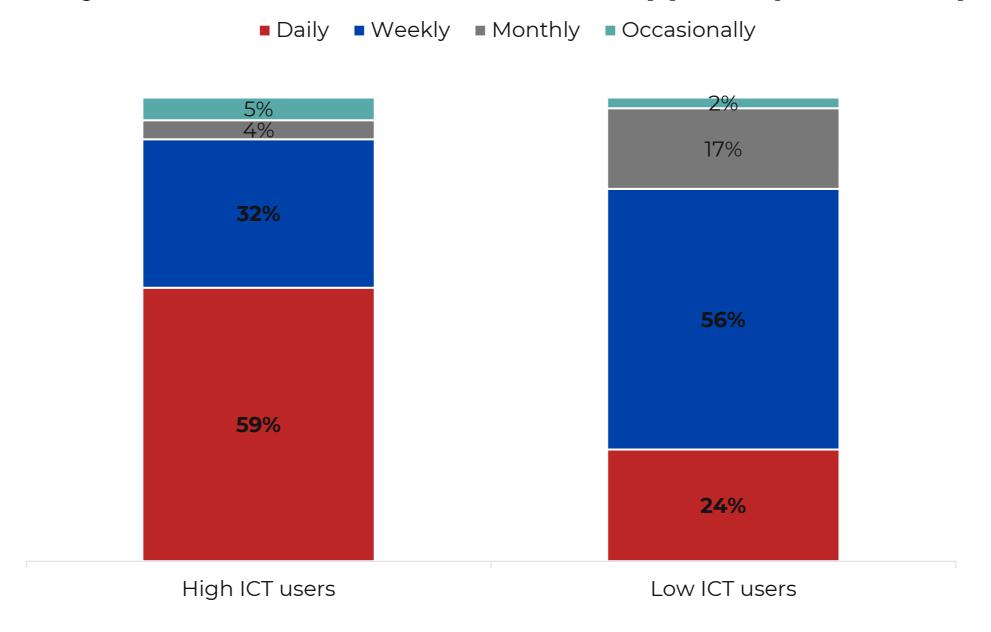


Q: How often do you communicate with your most important suppliers?

Base	Sri Lanka
interprises with suppliers	334

High ICT users communicate more frequently with their suppliers

Frequency of communication with main suppliers (% all enterprises)



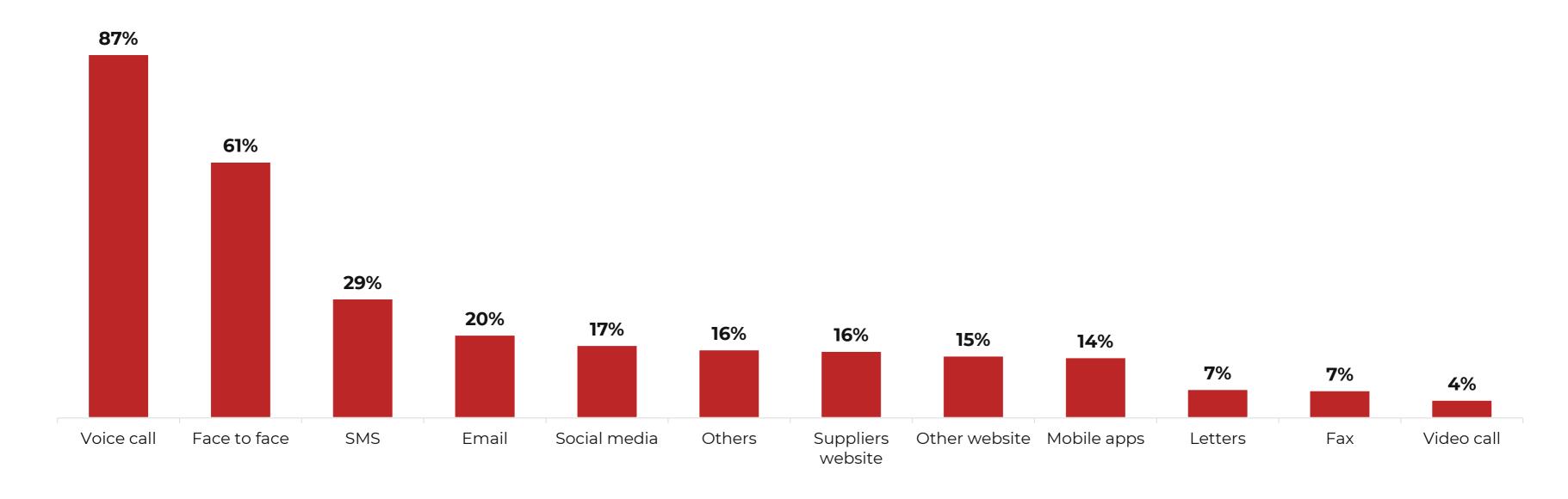


Q: How often do you communicate with your most important suppliers?

Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

Voice call are the most popular way to communicate; room for improvement in tech-based communication

Mode of communication with suppliers (% all enterprises)





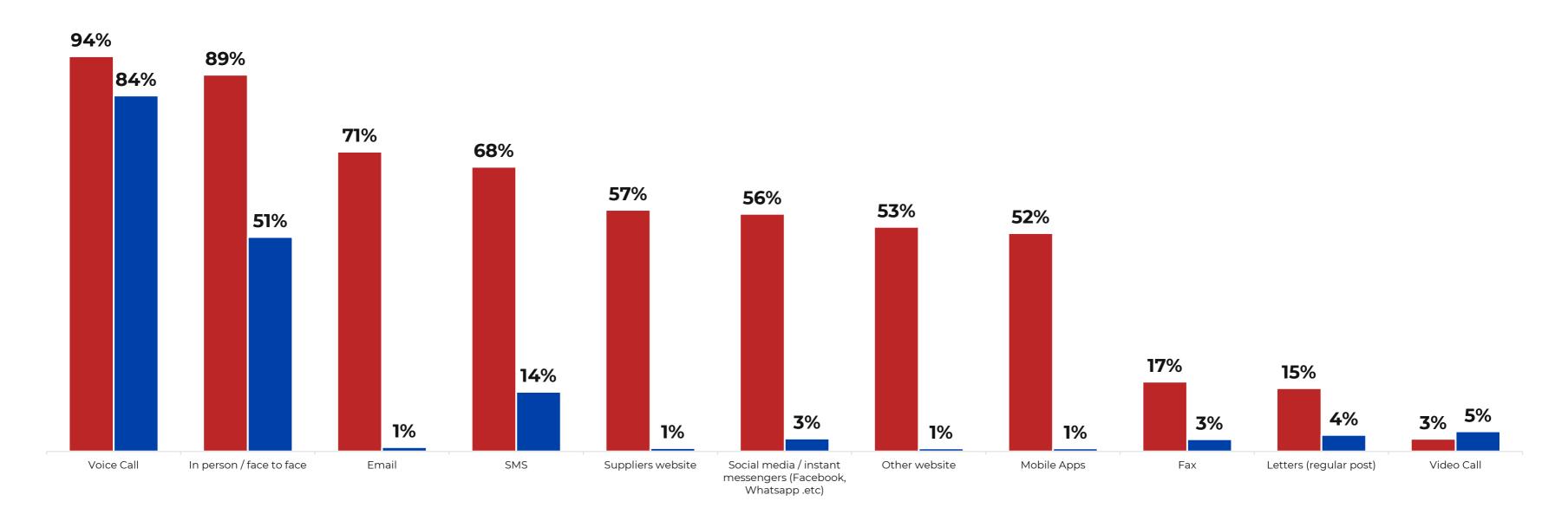
Q: How does your enterprise usually communicate with its suppliers?

Base	Sri Lanka
Enterprises with suppliers	334

High ICT users use a wider range of communication methods to communicate with its suppliers

Mode of communication with suppliers (% all enterprises)

■ High ICT users ■ Low ICT users





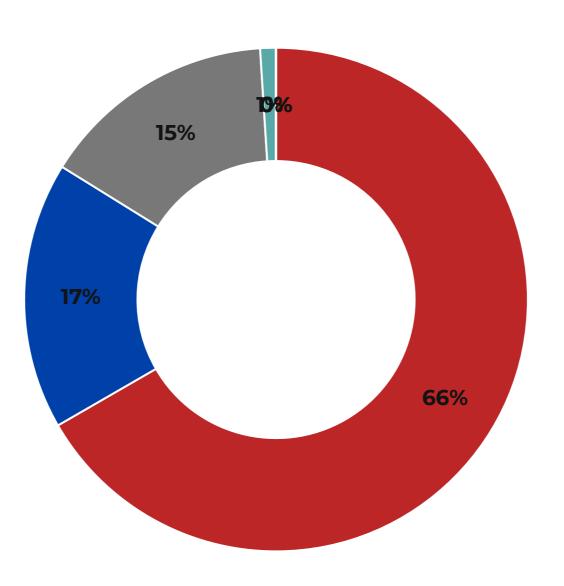
Q: How does your enterprise usually communicate with its suppliers?

Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

Voice call is the preferred mode of communication

Preferred mode of communication with suppliers (% all enterprises)





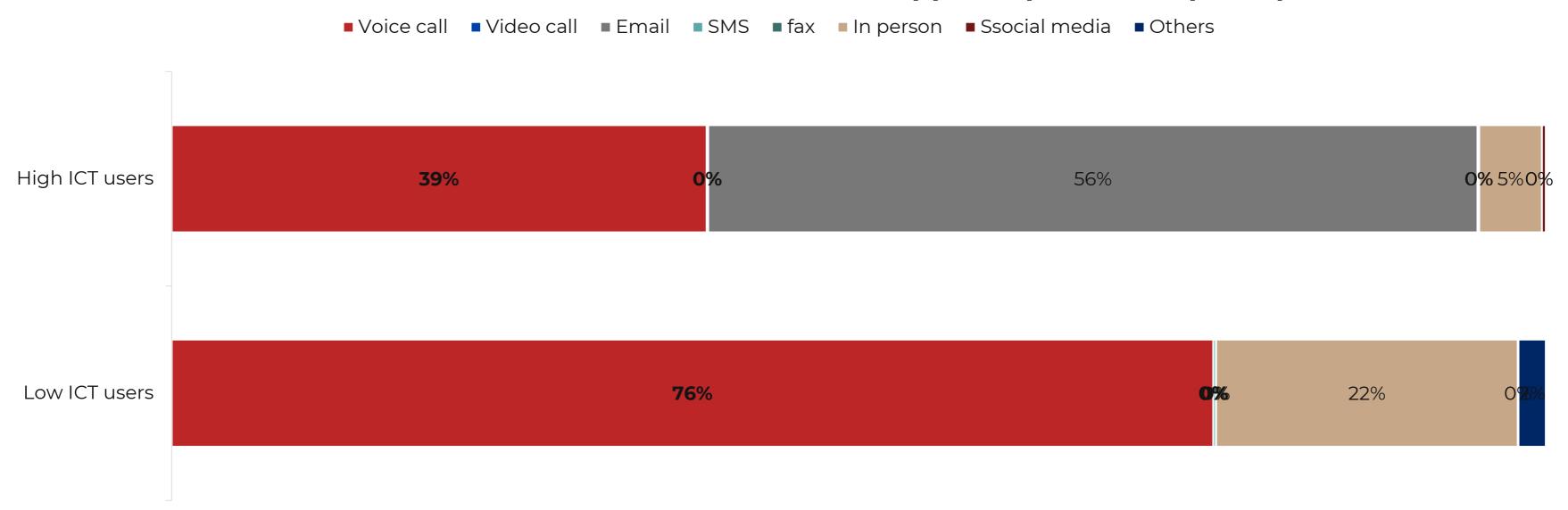


Q: What is the most preferred mode of your enterprise for communicating of the enterprise with suppliers?

Base	Sri Lanka
nterprises with suppliers	334

High ICT users prefer more tech savvy ways to communicate with supliers

Preferred mode of communication with suppliers (% all enterprises)



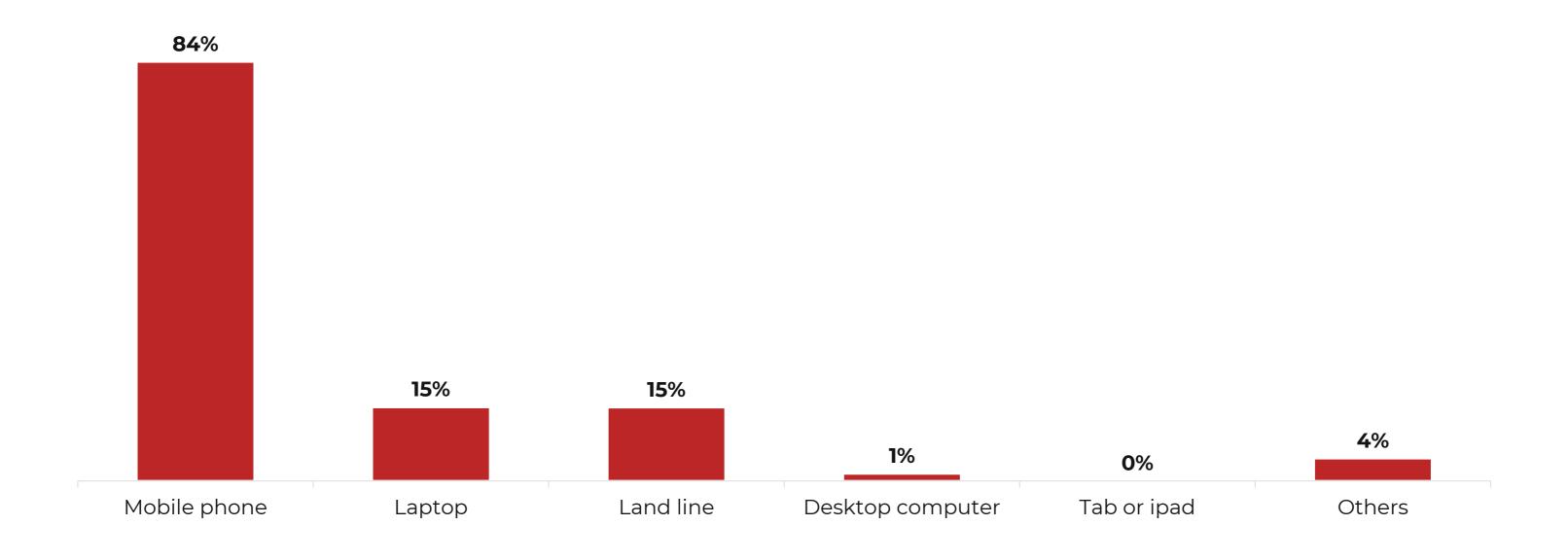


Q: What is the most preferred mode of your enterprise for communicating of the enterprise with suppliers?

Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

Mobile phone is the most popular device for the communication

Devices of communication with suppliers (% all enterprises)





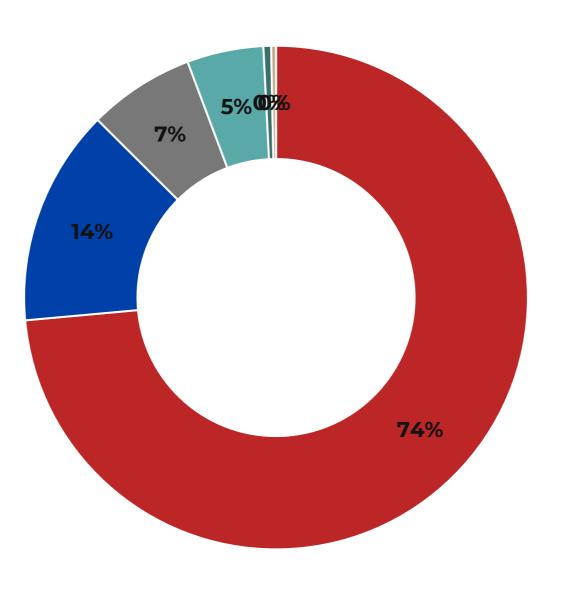
Q: Which devices are used by the enterprise to communicate with its suppliers?

Base	Sri Lanka
Enterprises with suppliers	334

Mobile phone is the preferred device of communication

Preferred device of communication with suppliers (% all enterprises)





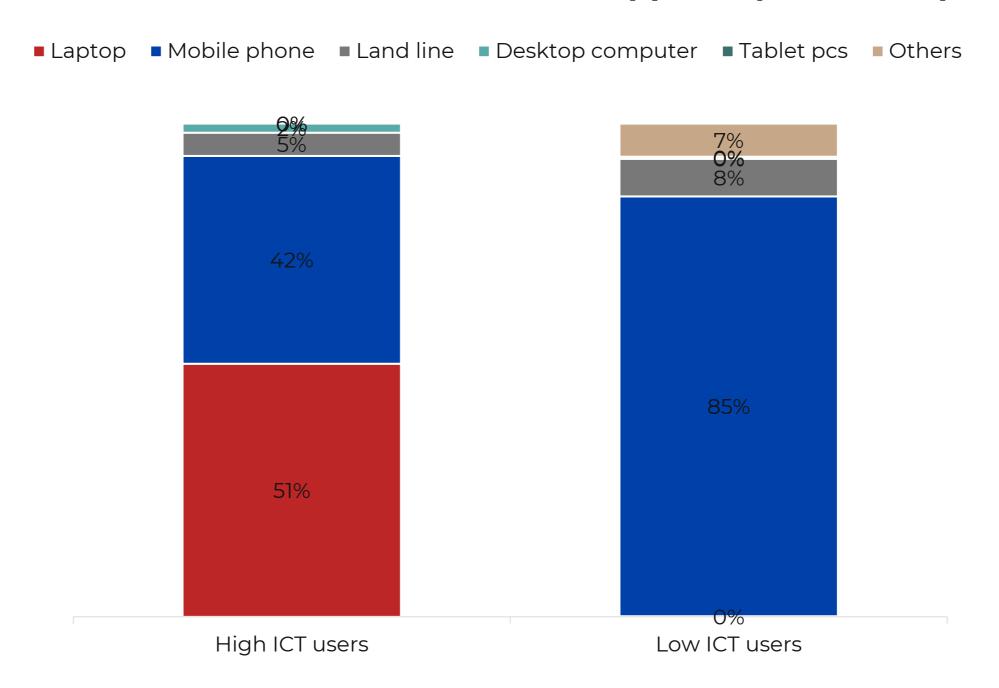


Q: What is the preferred device of communication of the enterprise with suppliers?

ase	Sri Lanka
nterprises with suppliers	334

High ICT users have more variety of preferred devices than mobile phone

Preferred device of communication with suppliers (% all enterprises)







Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

8

SUPPLY CHAIN

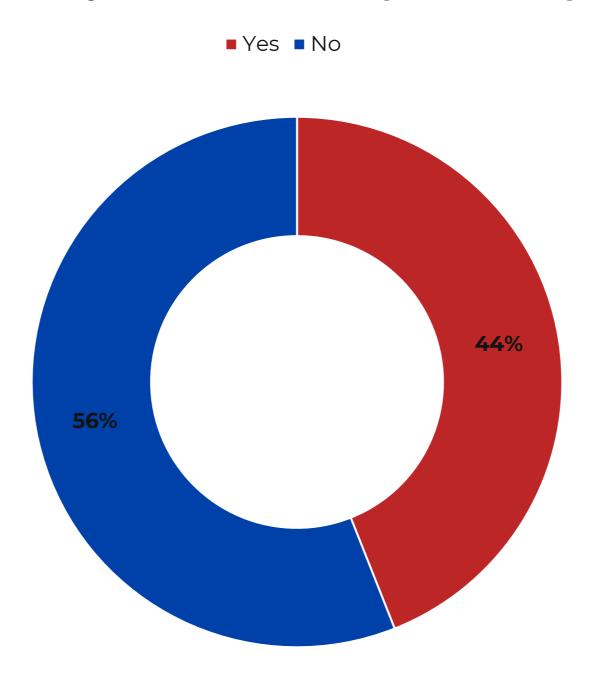
F2F CONTACT WITH SUPPLIERS
SUPPLIER LOCATIONS
SUPPLIERS' SIZE
PERIOD OF BUSINESS
RELIABILITY
COMMUNICATION WITH SUPPLIERS

> LINE OF CREDIT



More than 40% of the enterprises have credit line facility with the suppliers

Availability of line of credit (% all enterprises)





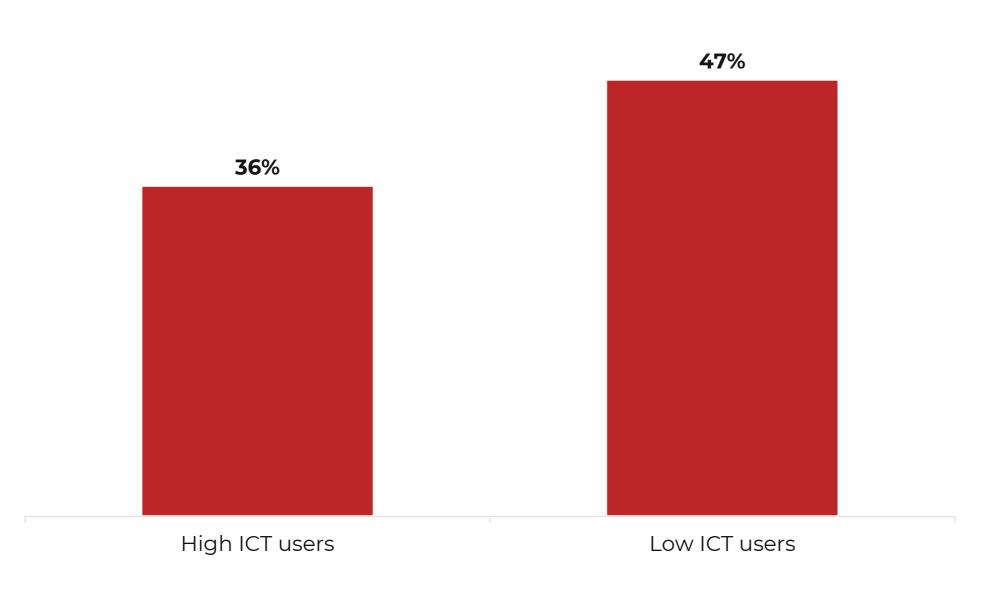
Q: Does the enterprise have a line of credit / credit facility with suppliers?

Base	Sri Lanka
nterprises with suppliers	334

Low ICT users got more line of credit

Availability of line of credit (% all enterprises)







Q: Does the enterprise have a line of credit / credit facility with suppliers?

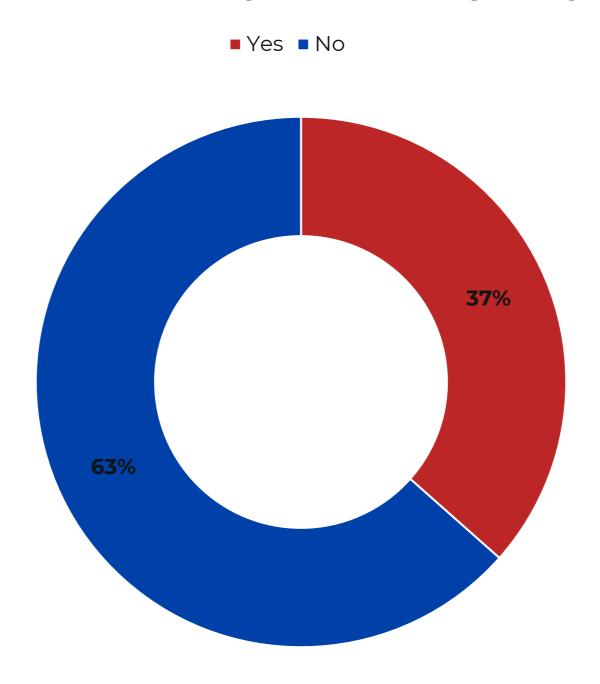
Base	High ICT users	Low ICT users
Enterprises with suppliers	92	242

ADVERTISEMENT



Low use of advertisements among enterprises

Advertisement (% of all enterprises)



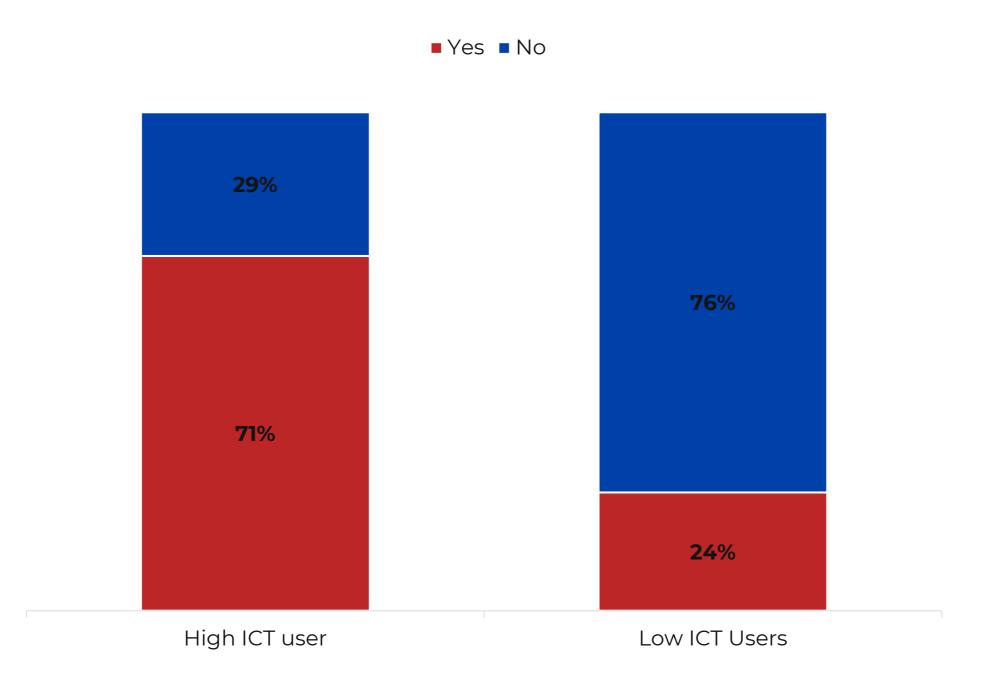


Q: Does your enterprise use advertisements for marketing, Employee recruitment or other things?

Base	Sri Lanka
All enterprises	403

More advertisement by high ICT using enterprises

Advertisement (% of all enterprises)



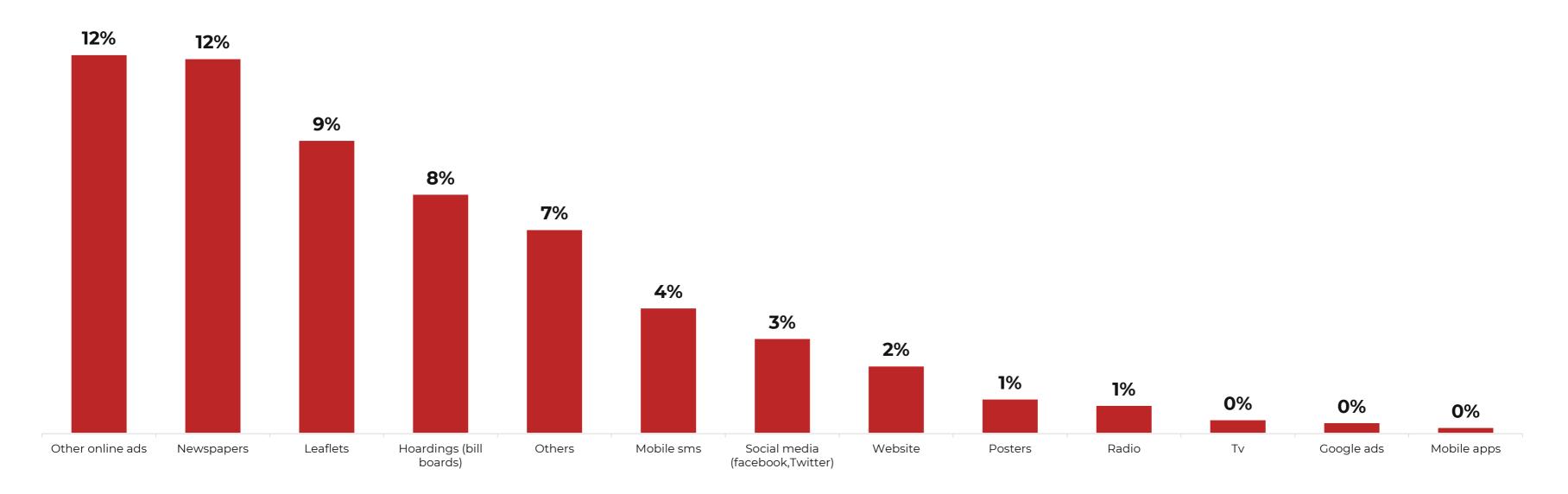


Q: Does your enterprise use advertisements for marketing, Employee recruitment or other things?

Base	High ICT users	Low ICT users
All enterprises	116	287

Online and news paper advertisements have similar popularity among the enterprises

Advertisement media (% all enterprises)





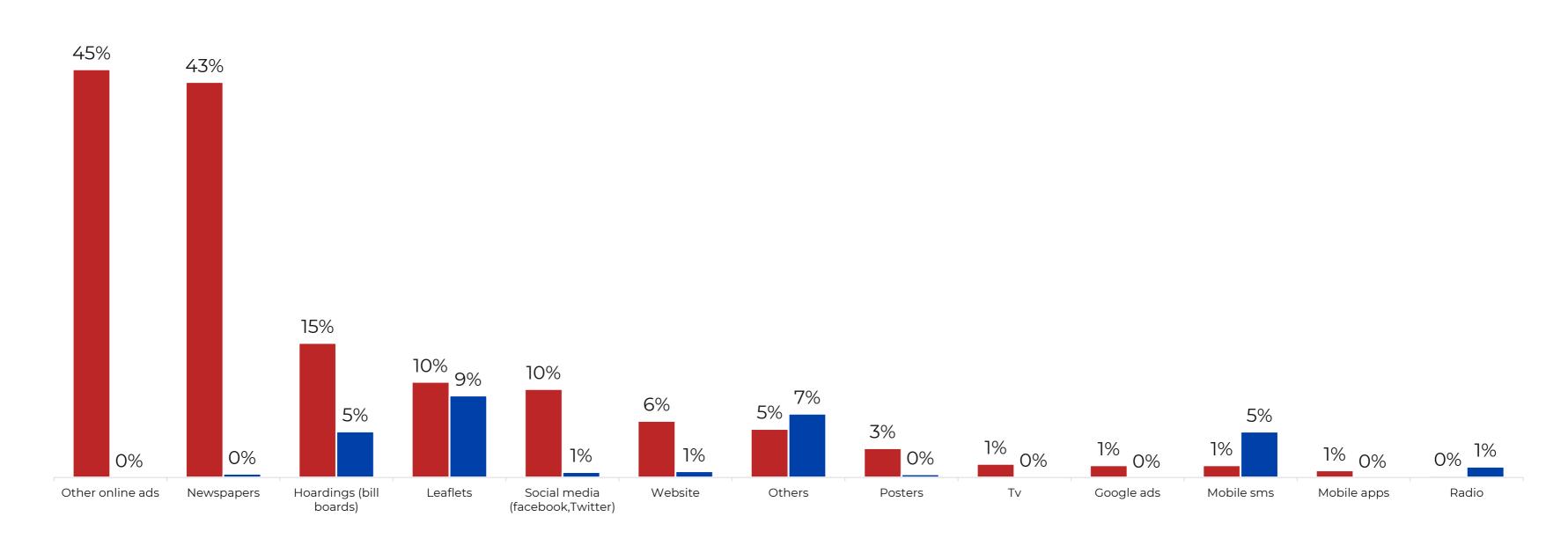
Q: How does your enterprise advertise? This can be for marketing, Employee recruitment or other things.

Base	Sri Lanka
All enterprises	403

High ICT users use a wide range of advertising methods

Advertisement media (% all enterprises)







Q: How does your enterprise advertise? This can be for marketing, Employee recruitment or other things.

Base	High ICT users	Low ICT users
All enterprises	116	287

CUSTOMERS

F2F CONTACT WITH CUSTOMERS
CUSTOMER LOCATIONS
TYPE OF CUSTOMERS
PERIOD OF BUSINESS
COMMUNICATION WITH CUSTOMERS
LOYALTY PROGRAMS



CUSTOMERS

> F2F CONTACT WITH CUSTOMERS
CUSTOMER LOCATIONS
TYPE OF CUSTOMERS
PERIOD OF BUSINESS
COMMUNICATION WITH CUSTOMERS
LOYALTY PROGRAMS



SMEs have about 200 customers per month

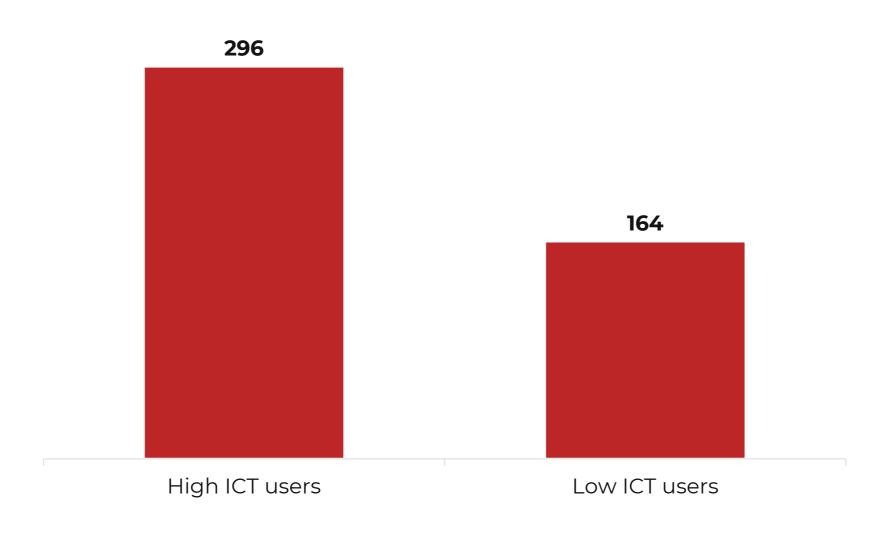
Avg. number of customers* (all enterprises)





High ICT user have more customers

Avg. number of customers* (all enterprises)



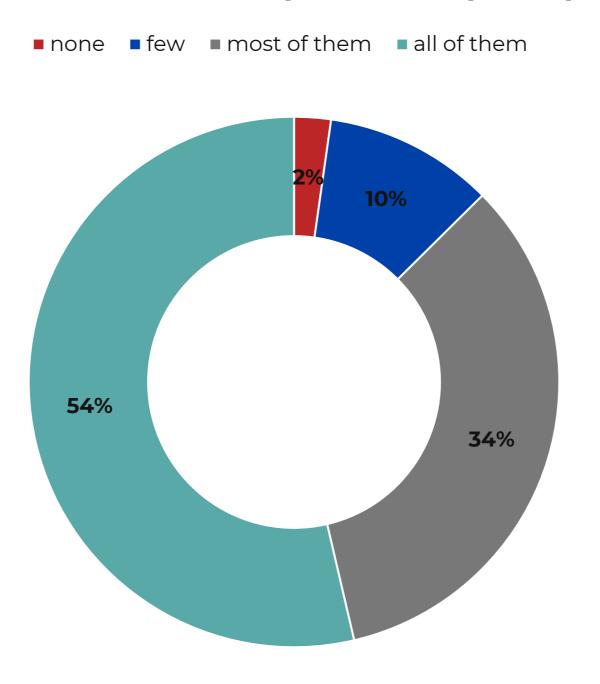


Q: How many customers does your enterprise have on average in a month?

Base High ICT users Low ICT users
All enterprises 67 168

Many met their customers face to face

F2f customers (% all enterprises)



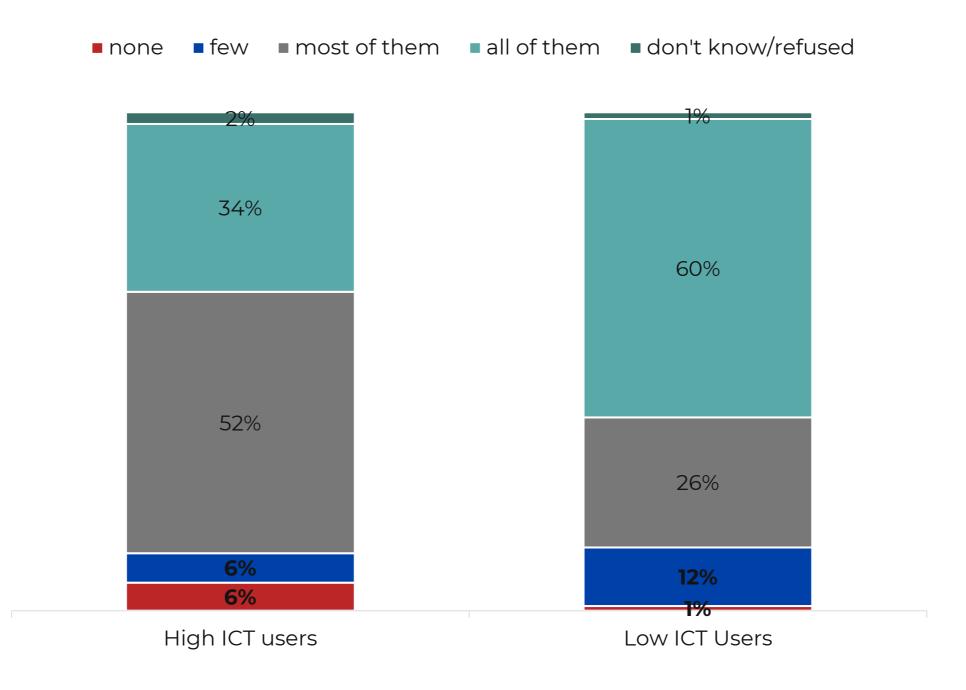


Q: How many customers have you met face to face?

Base	Sri Lanka
All enterprises	403

High ICT users have more non face-to-face customers

F2f customers (% all enterprises)





Q: How many customers have you met face to face?

Base	High ICT users	Low ICT users
All enterprises	116	287

CUSTOMERS

F2F CONTACT WITH CUSTOMERS

> CUSTOMER LOCATIONS

TYPE OF CUSTOMERS

PERIOD OF BUSINESS

COMMUNICATION WITH CUSTOMERS

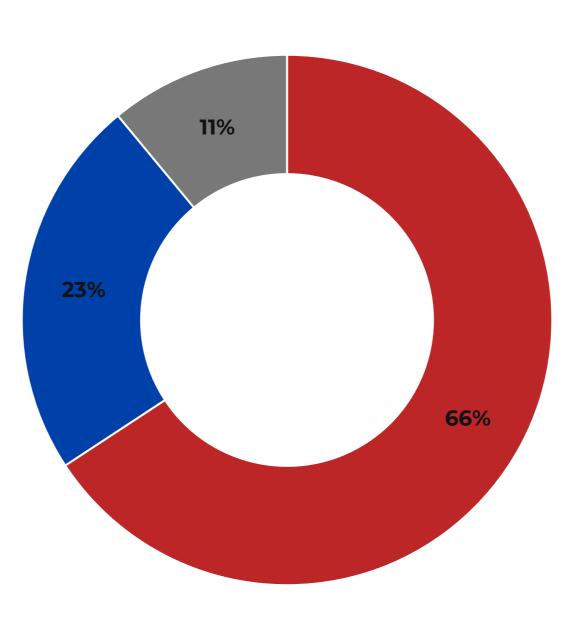
LOYALTY PROGRAMS



Most of the customers are local

Main customers' location (% all enterprise)





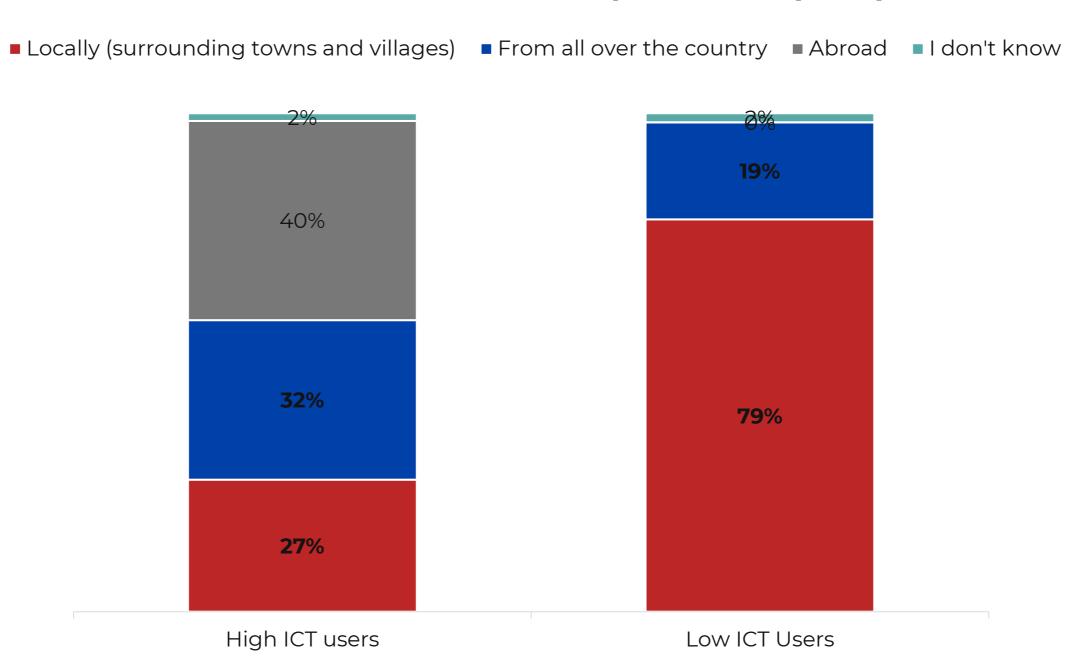


Q: Where are the main customers of the enterprise located?

Base	Sri Lanka
All enterprises	403

High ICT users' main customers are having more variety of locations

Main customers' location (% all enterprise)



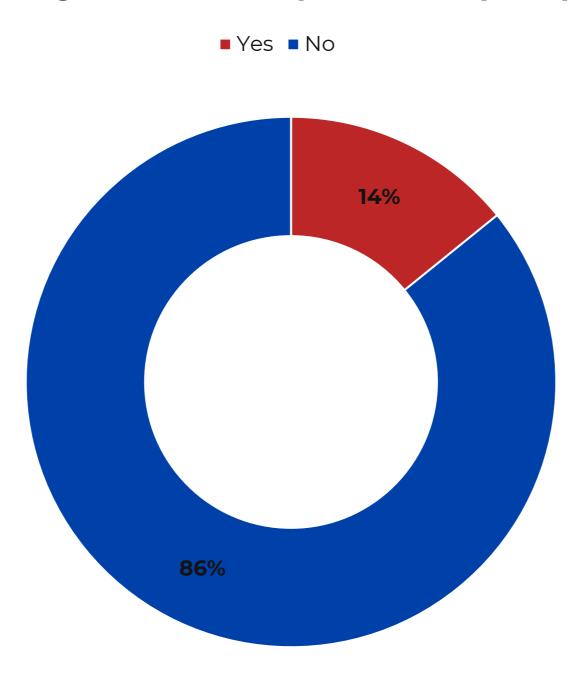


Q: Where are the main customers of the enterprise located?

Base	High ICT users	Low ICT users
All enterprises	116	287

Only 14% are foreign customers

Foreign customers (% all enterprise)



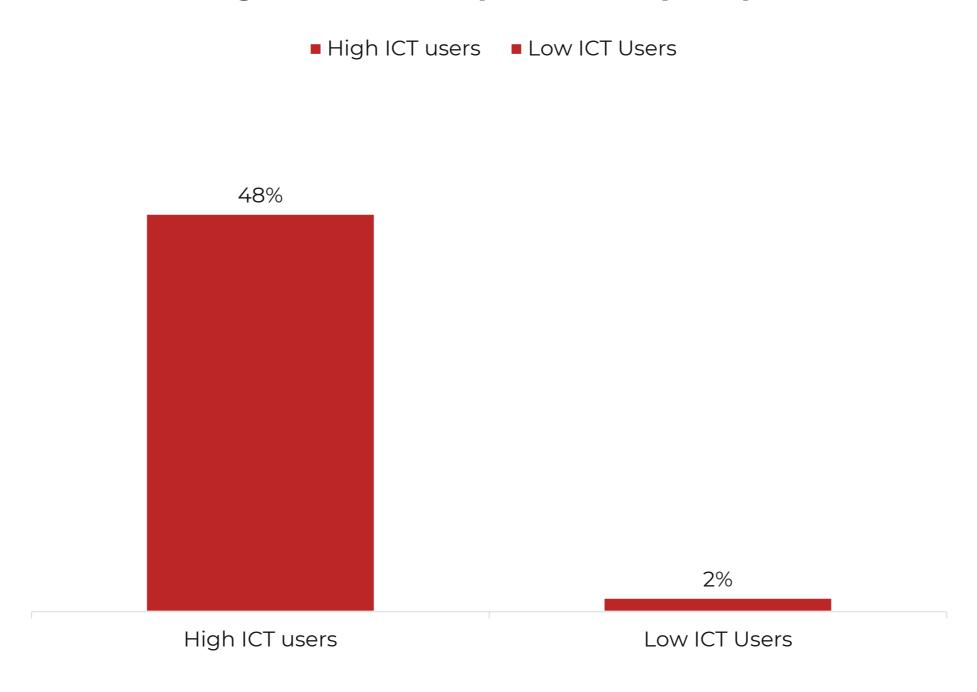


Q: Does your enterprise have customers located in other countries?(selling goods or services abroad)?

Base	High ICT users	Low ICT users
All enterprises	112	291

High ICT use has enabled more foreign customers

Foreign customers (% all enterprise)





Q: Does your enterprise have customers located in other countries?(selling goods or services abroad)?

Base	High ICT users	Low ICT users
All enterprises	116	287

CUSTOMERS

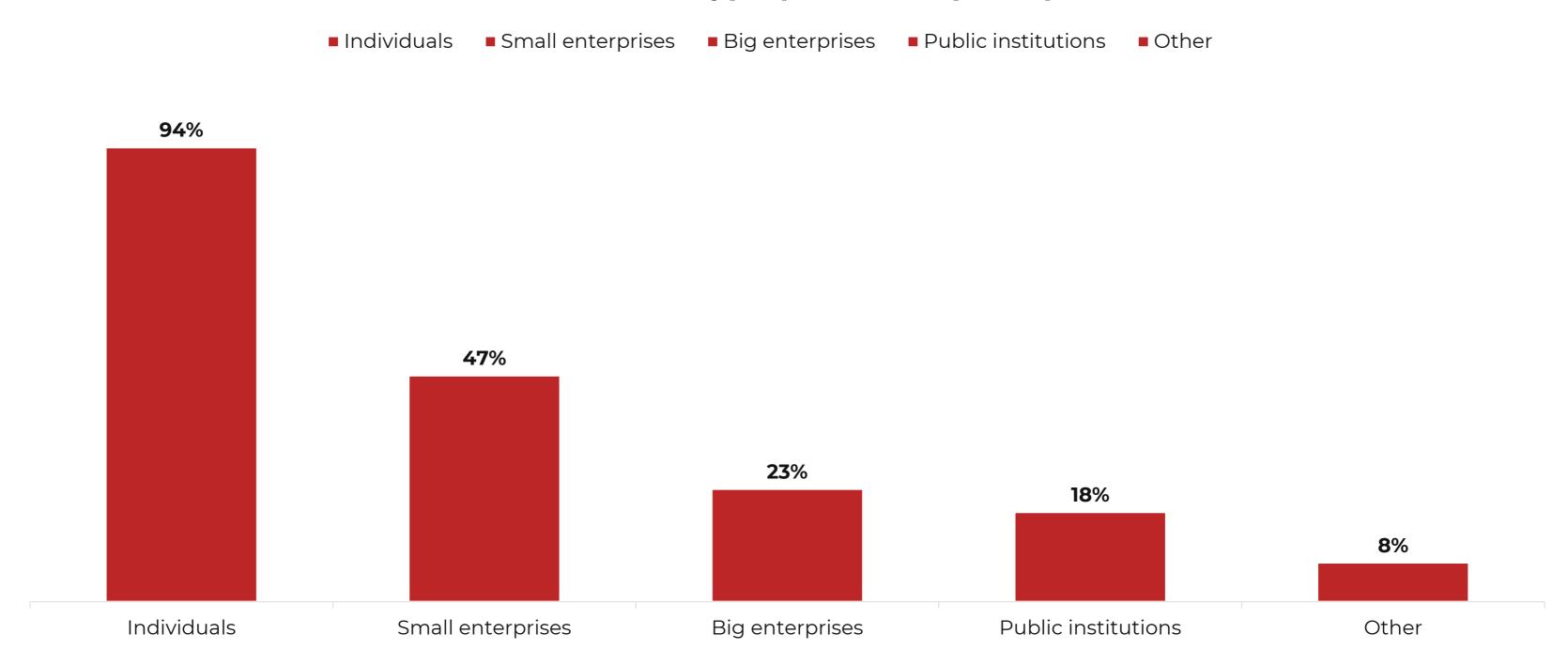
F2F CONTACT WITH CUSTOMERS CUSTOMER LOCATIONS

> TYPE OF CUSTOMERS
PERIOD OF BUSINESS
COMMUNICATION WITH CUSTOMERS
LOYALTY PROGRAMS



Many are individuals

Main customers type (% all enterprises)





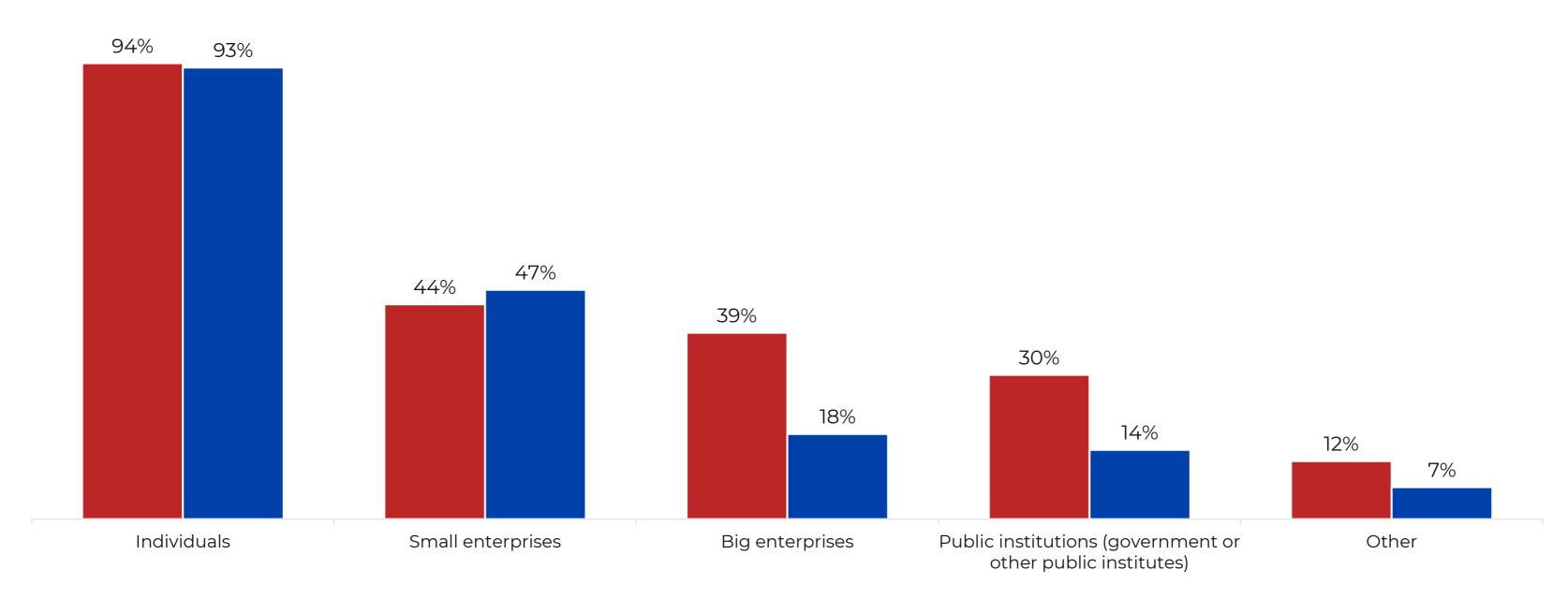
Q: Who are your main customers?

Base	Sri Lanka
All enterprises	403

Hight ICT users has acquired more big enterprises and more public institutions

Main customers type (% all enterprises)







Q: Who are your main customers?

Base	High ICT users	Low ICT users
All enterprises	116	287

CUSTOMERS

F2F CONTACT WITH CUSTOMERS
CUSTOMER LOCATIONS
TYPE OF CUSTOMERS

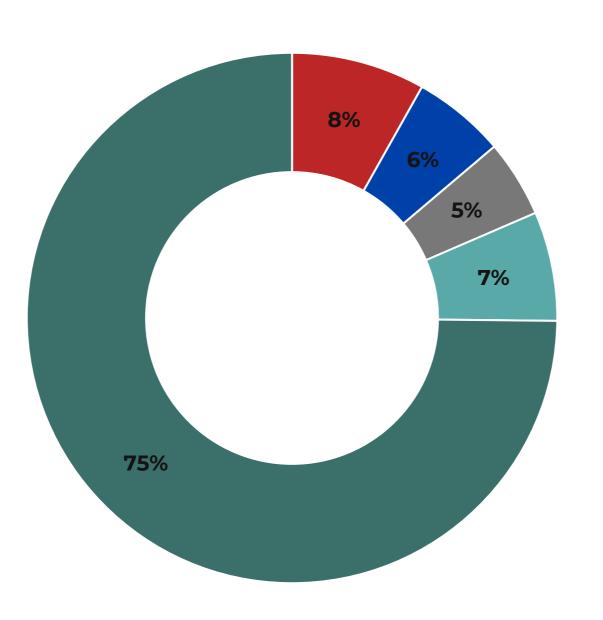
> PERIOD OF BUSINESS
COMMUNICATION WITH CUSTOMERS
LOYALTY PROGRAMS



Many done business with their main customers for more than 3 years

Period of business with main customers (% all enterprises)







Q: How long have you been doing business with your main customers?

Base	Sri Lanka
All enterprises	403

CUSTOMERS

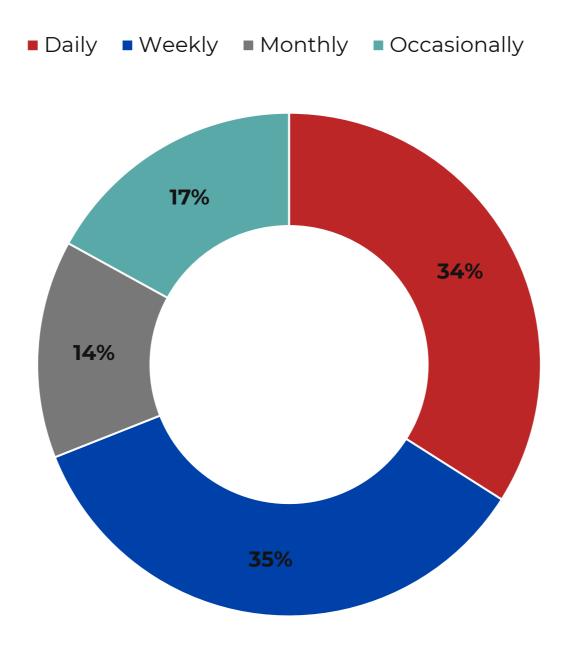
F2F CONTACT WITH CUSTOMERS
CUSTOMER LOCATIONS
TYPE OF CUSTOMERS
PERIOD OF BUSINESS

> COMMUNICATION WITH CUSTOMERS LOYALTY PROGRAMS



Many communicate frequently

Frequency of communication with main customers (% all enterprises)



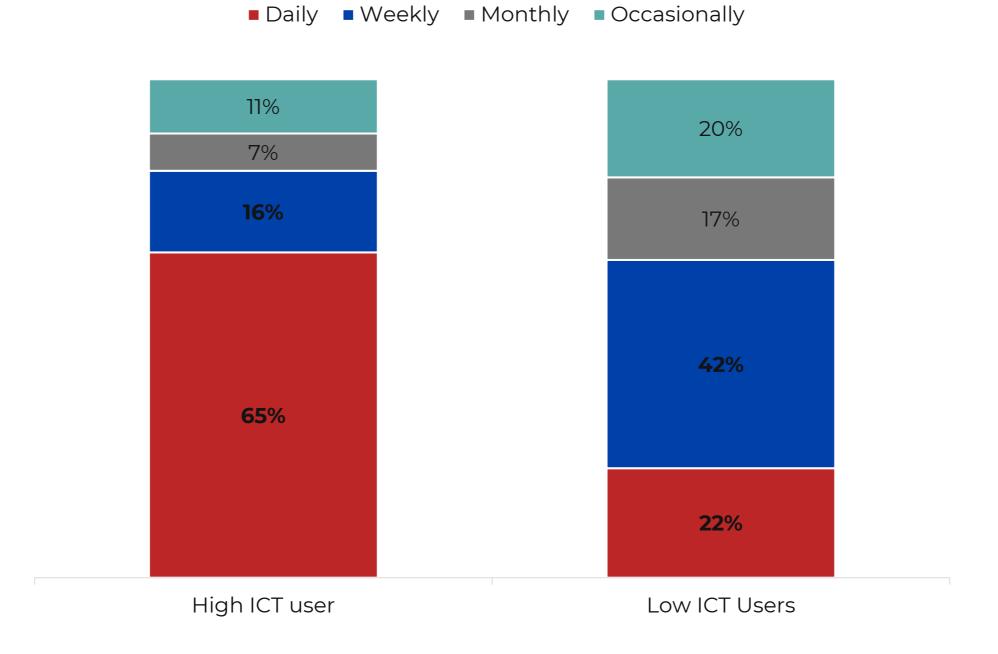


Q: How often do you communicate with your main customers?

Base	Sri Lanka
All enterprises	403

High ICT users communicate more frequently with their customers

Frequency of communication with main customers (% all enterprises)



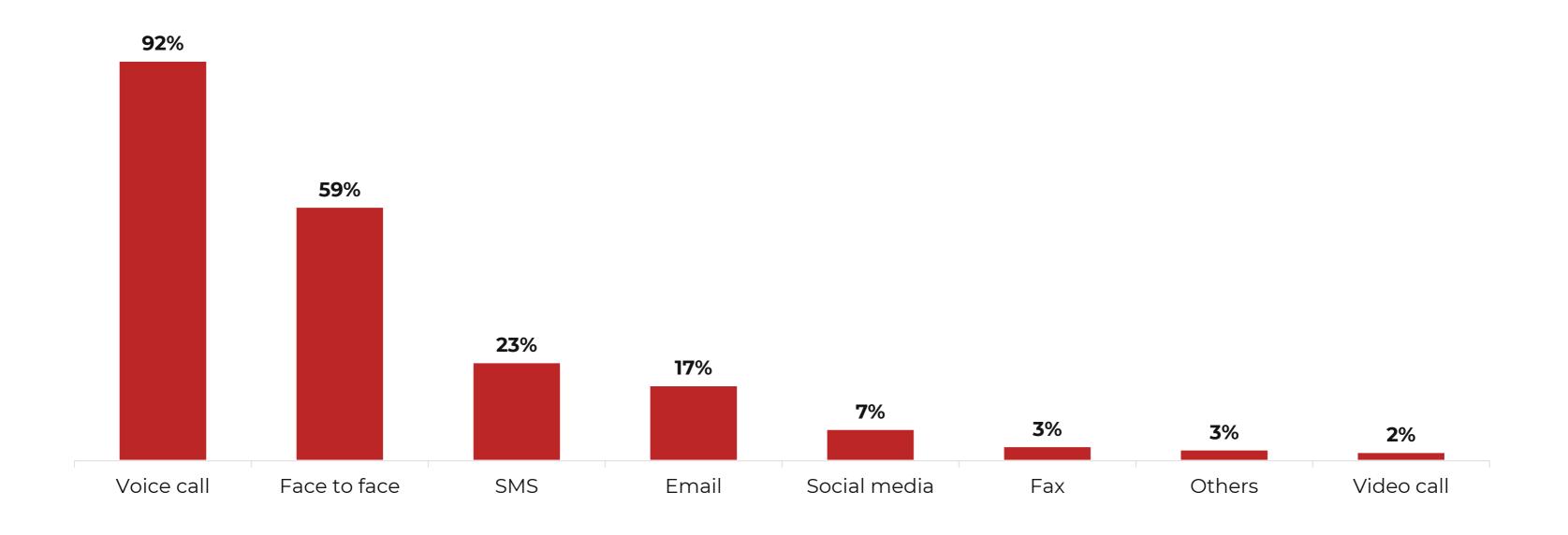


Q: How often do you communicate with your main customers?

Base	High ICT users	Low ICT users
All enterprises	116	287

Many use voice calls

Mode of communication with customers (% all enterprises)



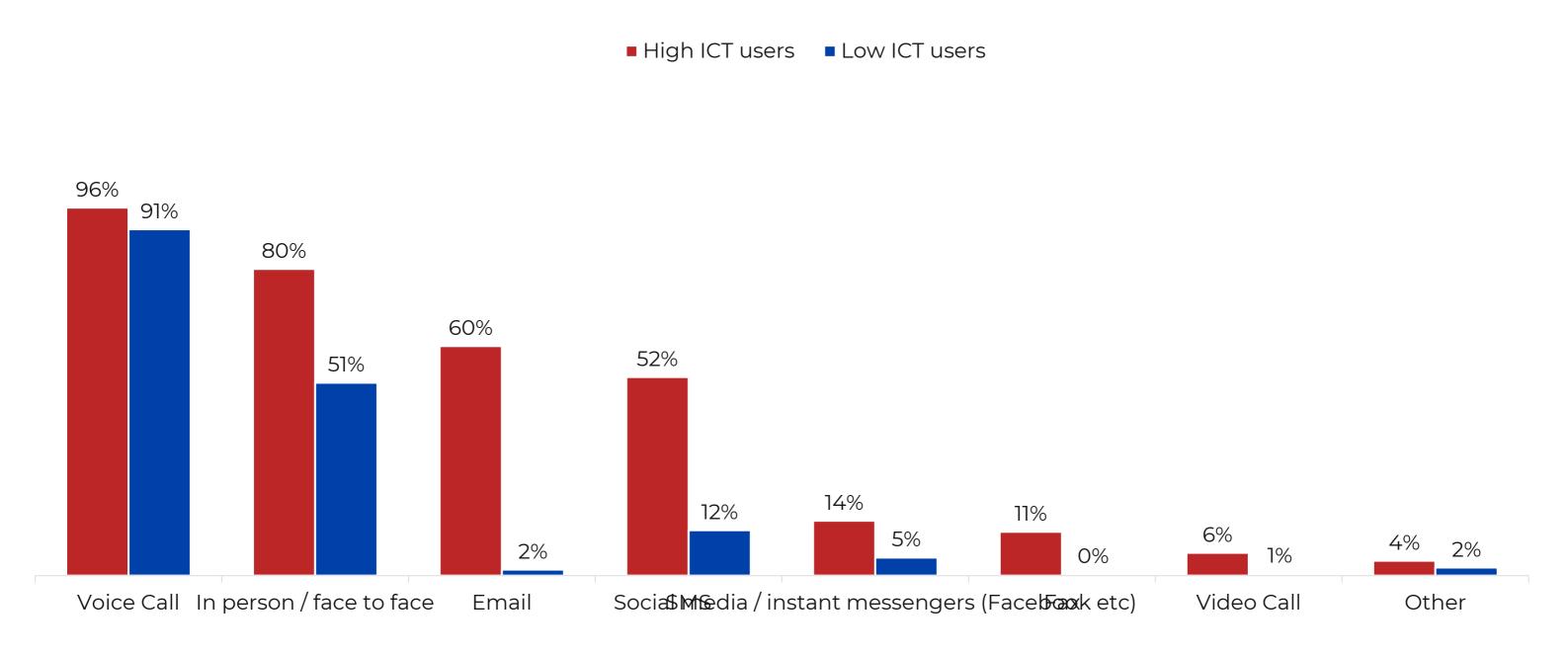


Q: How does the enterprise usually communicate with its customers?

Base	Sri Lanka
All enterprises	403

High ICT users use more tech savvy modes to communicate with their customers

Mode of communication with customers (% all enterprises)





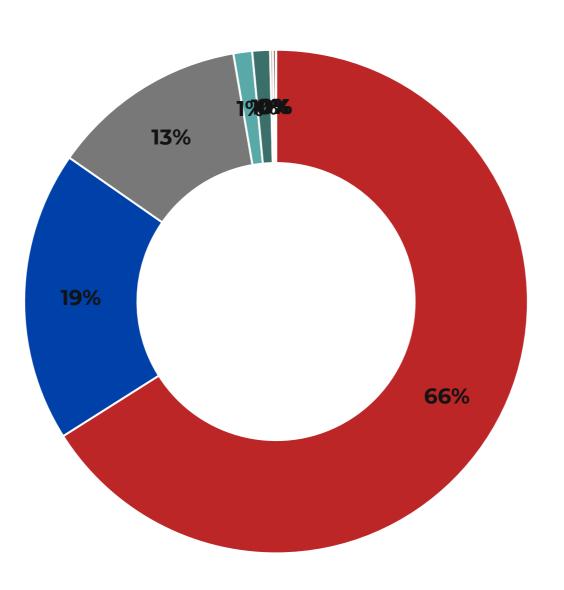
Q: How does the enterprise usually communicate with its customers?

Base	High ICT users	Low ICT users
All enterprises	116	287

Many prefer voice call

Preferred mode of communication with customers (% all enterprises)





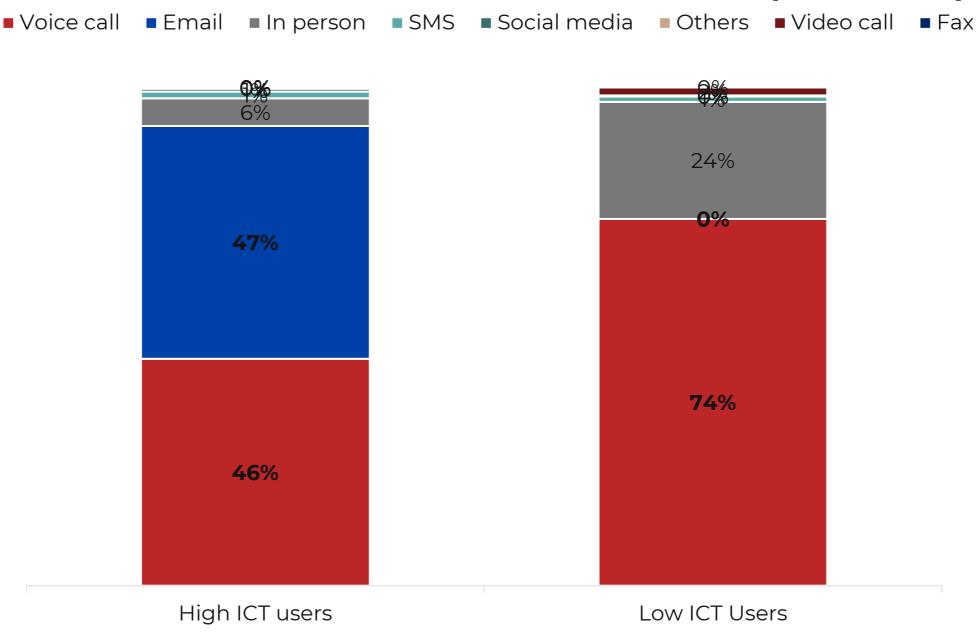


Q: What is the preferred mode of communication of the enterprise with customers?

Base	Sri Lanka
All enterprises	403

High ICT users prefer more tech savvy modes to communicate with their customers

Preferred mode of communication with customers (% all enterprises)



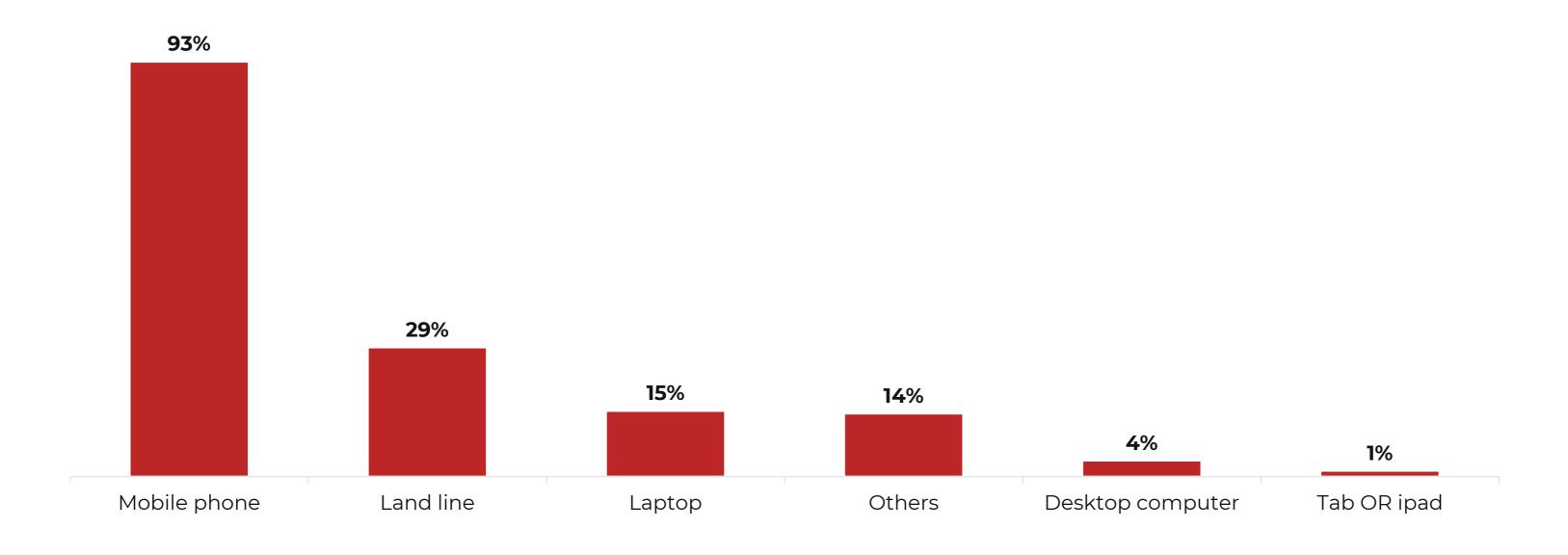


Q: What is the preferred mode of communication of the enterprise with customers?

Base	High ICT users	Low ICT users
All enterprises	116	287

Mobile phone is the most popular

Devices of communication with customers (% all enterprises)



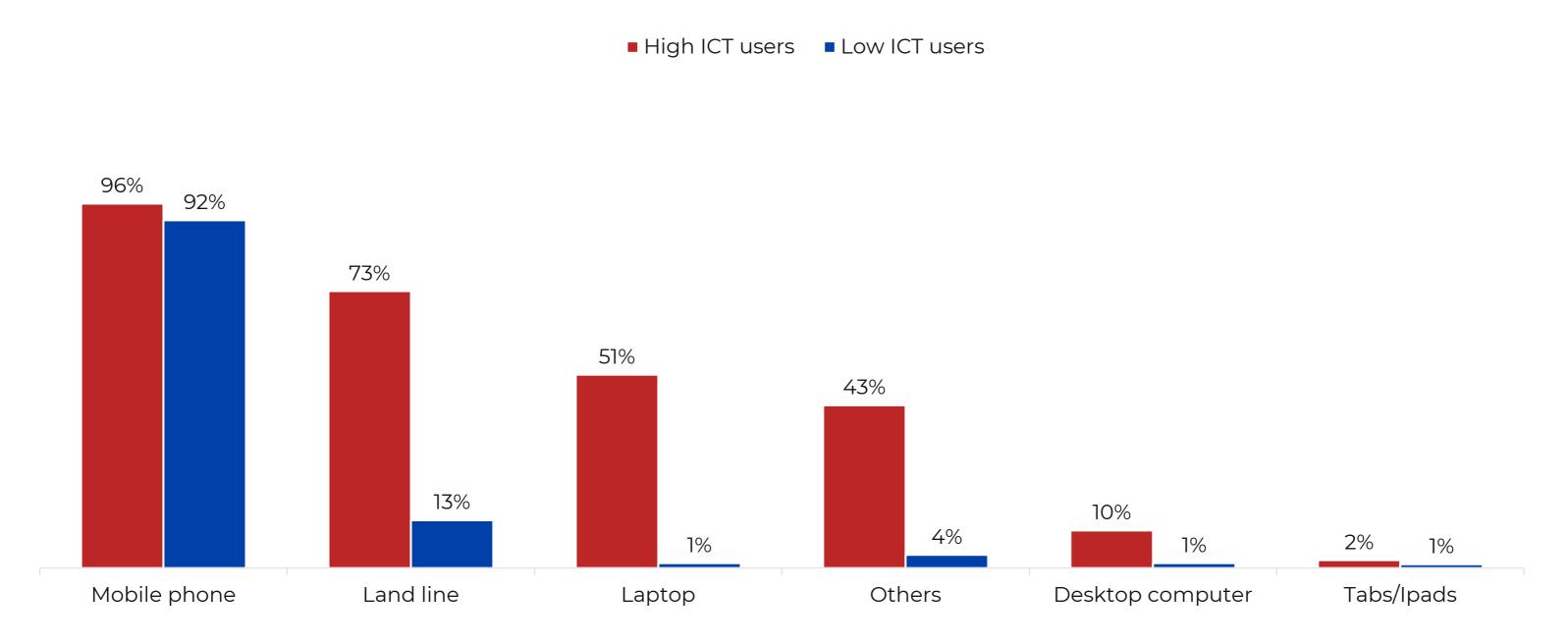


Q: Which devices are used by the enterprise to communicate with its customers?

Base	Sri Lanka
All enterprises	403

High other devices (than mobile phone) among high ICT users

Devices of communication with customers (% all enterprises)





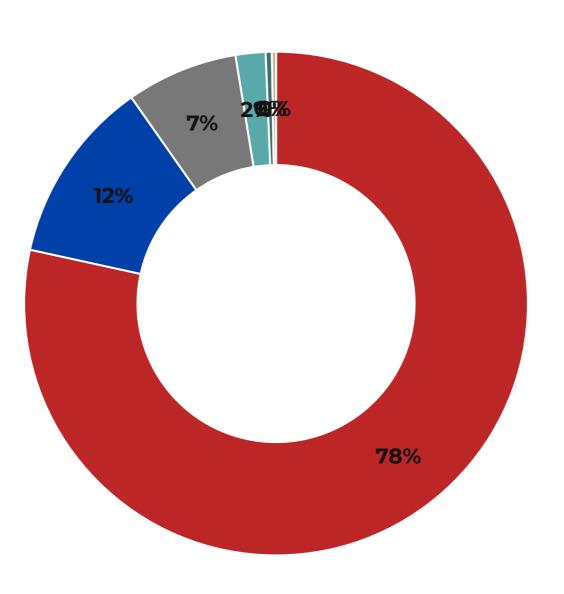
Q: Which devices are used by the enterprise to communicate with its customers?

Base	High ICT users	Low ICT users
All enterprises	116	287

Mobile phone is the preferred device

Preferred device of communication with customers (% all enterprises)





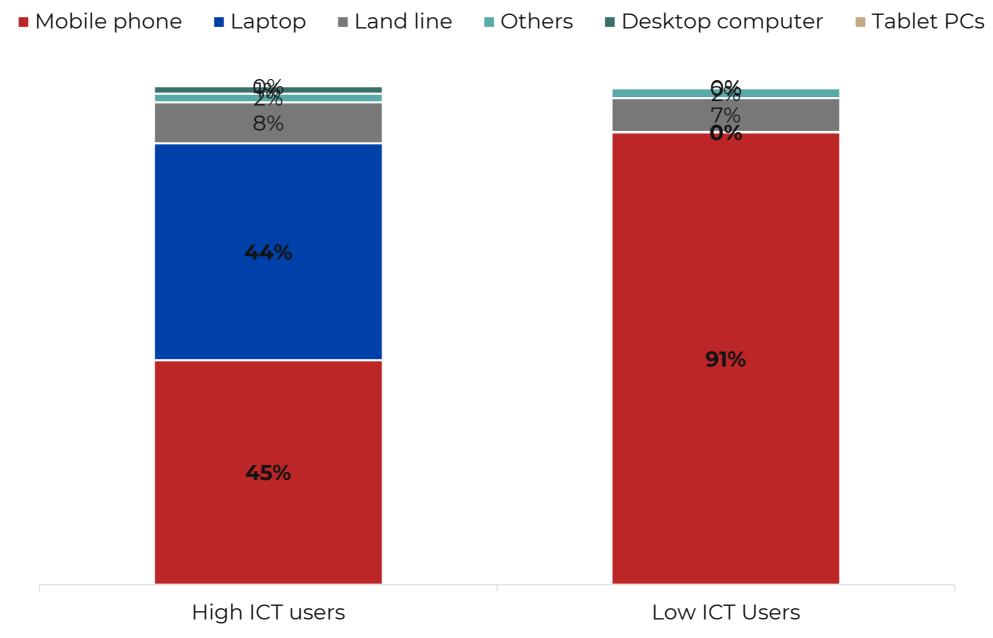


Q: What is the preferred device of communication of the enterprise with customer?

Base	Sri Lanka
All enterprises	403

High other preferred devices (than mobile phone) among high ICT users

Preferred device of communication with customers (% all enterprises)





Q: What is the preferred device of communication of the enterprise with customer?

Base	High ICT users	Low ICT users
All enterprises	116	287

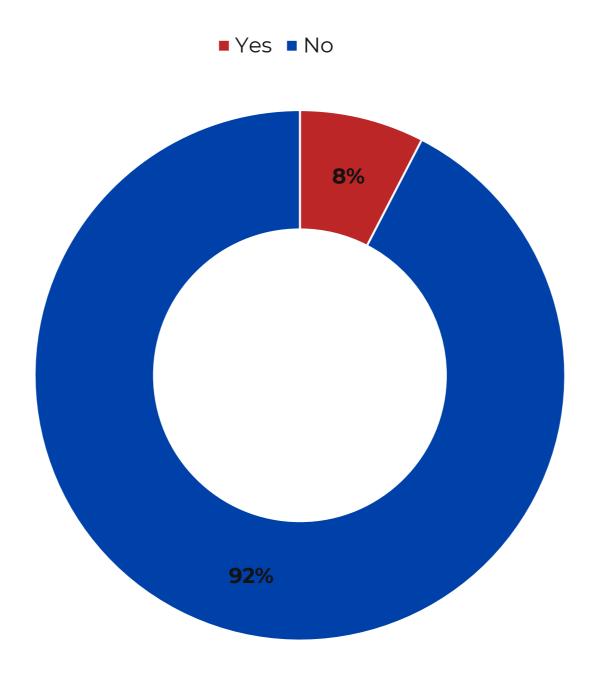
CUSTOMERS

F2F CONTACT WITH CUSTOMERS
CUSTOMER LOCATIONS
TYPE OF CUSTOMERS
PERIOD OF BUSINESS
COMMUNICATION WITH CUSTOMERS
> LOYALTY PROGRAMS



Only 8% provide loyalty programs for the customers

Availability of loyalty programs for the customers (% all enterprises)



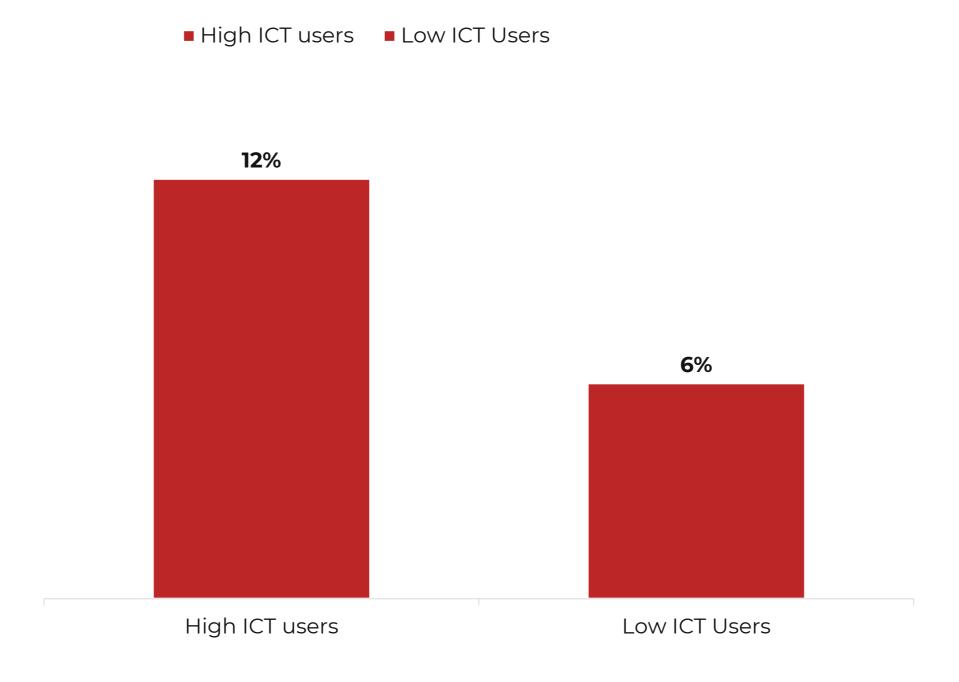


Q: Does your enterprise offer loyalty programs for the customers?

Base	Sri Lanka
All enterprises	403

More availability of loyalty programs among high ICT users

Availability of loyalty programs for the customers (% all enterprises)





Q: Does your enterprise offer loyalty programs for the customers?

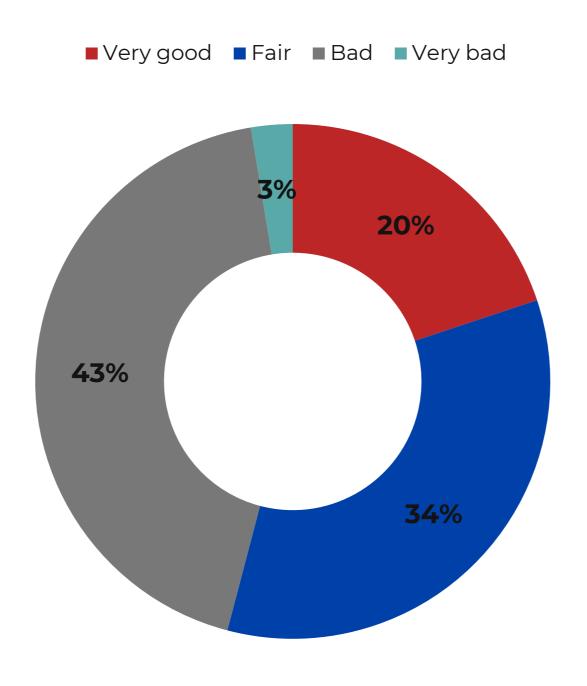
Base	High ICT users	Low ICT users
All enterprises	116	287

BUSINESS CLIMATE



More than 40% of the enterprises thinks their current performance is not good

Current performance of the business (% of all enterprises)



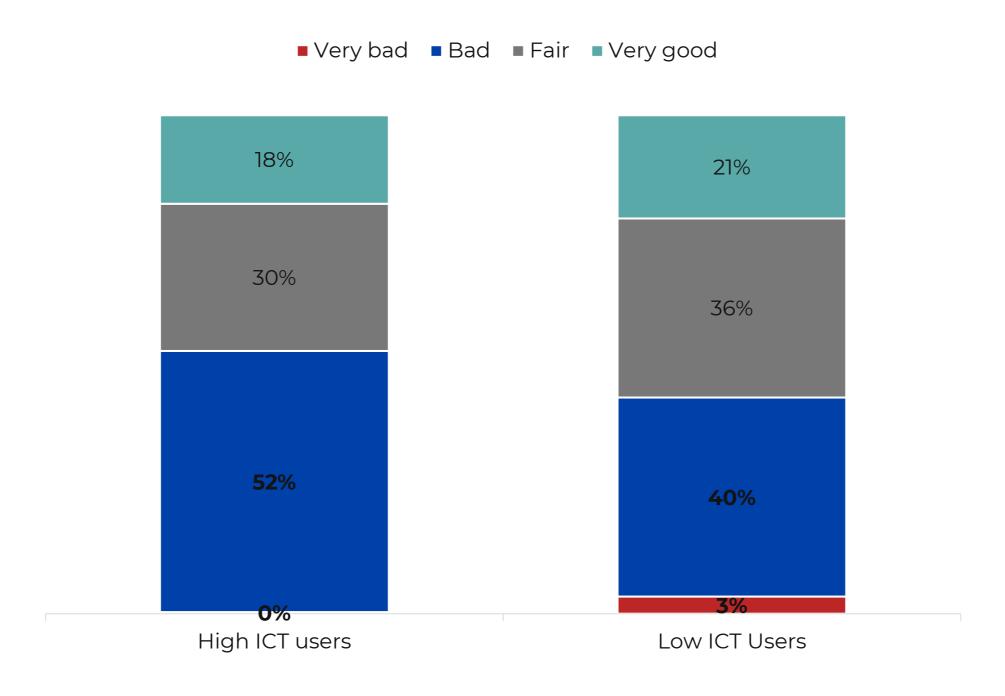


Q: How do you rate the current performance of your enterprise compared to last year?

Base	Sri Lanka
All enterprises	403

High ICT users have more negative feelings about the current performance

Current performance of the business (% of all enterprises)



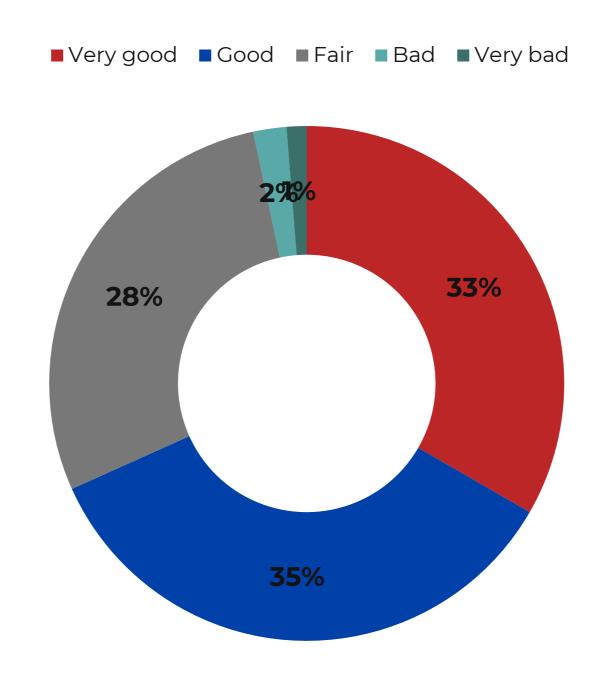


Q: How do you rate the current performance of your enterprise compared to last year?

Base	High ICT users	Low ICT users
All enterprises	116	287

Many expect next year will be good for business

Performance expectations for the next year (% of all enterprises)



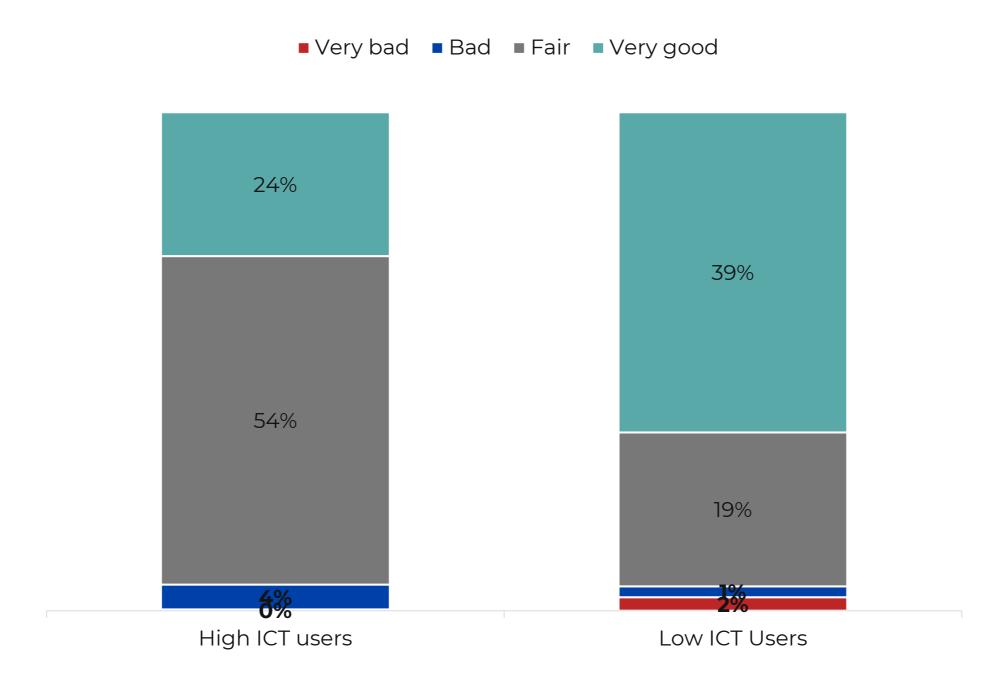


Q: How do you expect your enterprise to perform in 2019?

Base	Sri Lanka
All enterprises	403

High ICT users have more negative feelings about the next year performance as well

Performance expectations for the next year (% of all enterprises)



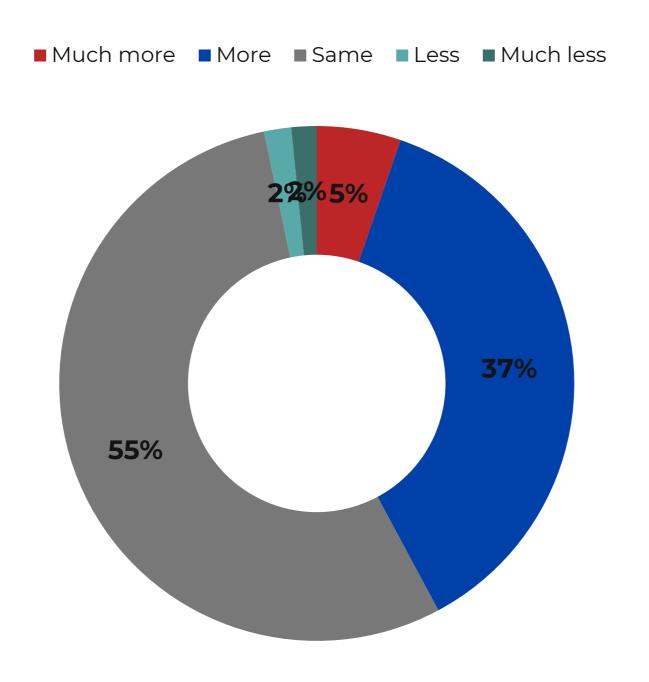


Q: How do you expect your enterprise to perform in 2019?

Base	High ICT users	Low ICT users
All enterprises	116	287

More than 40% of the enterprises plan to employ more in 2019

Plans for new recruitment in next year(% of all enterprises)



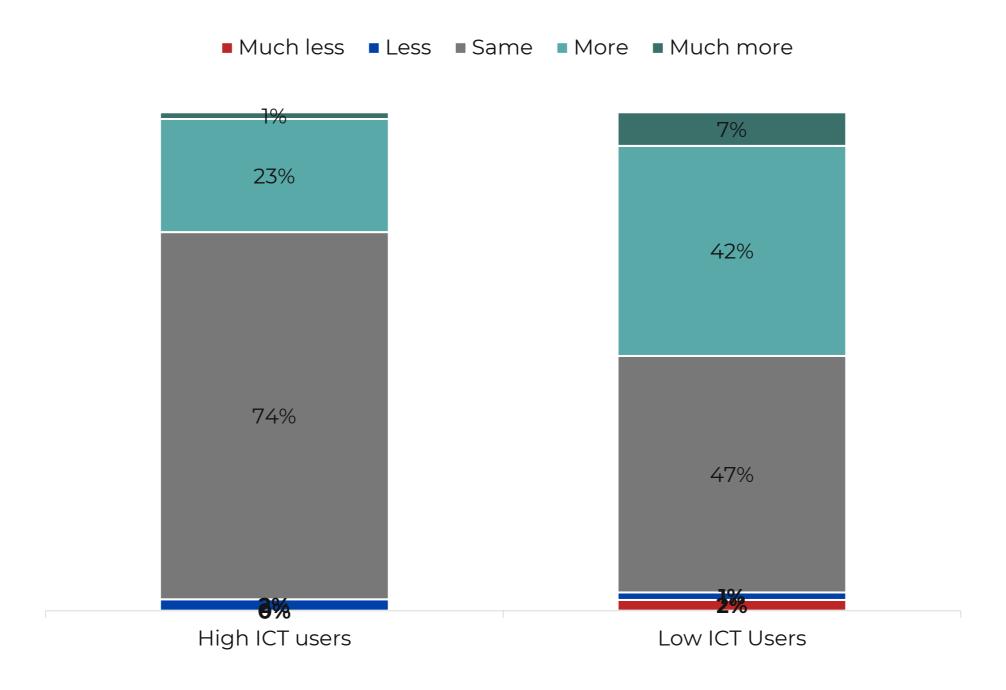


Q: Do you plan to employ more or less in 2019?

Base	Sri Lanka
All enterprises	403

Low ICT users plan to recruit more

Plans for new recruitment in next year(% of all enterprises)



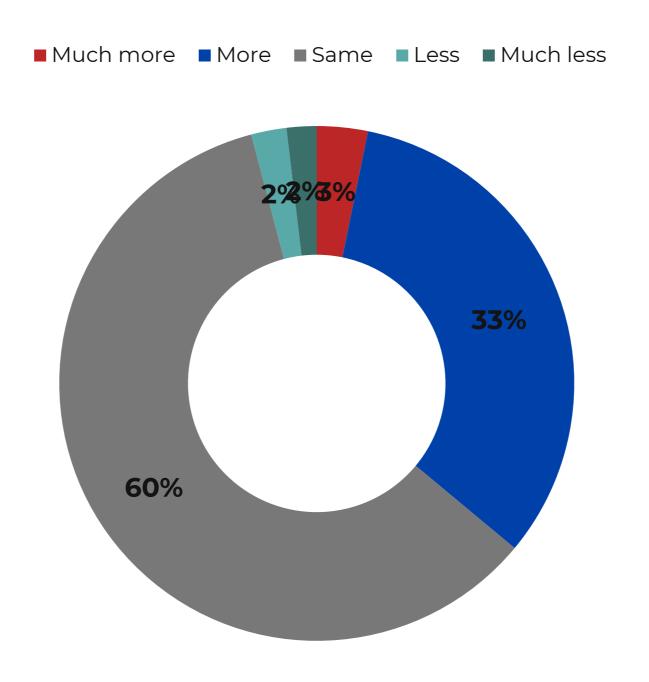


Q: Do you plan to employ more or less in 2019?

Base	High ICT users	Low ICT users
All enterprises	116	287

More than 36% of the enterprises plan to employ more in 2019

Plans for investment in next year(% of all enterprises)



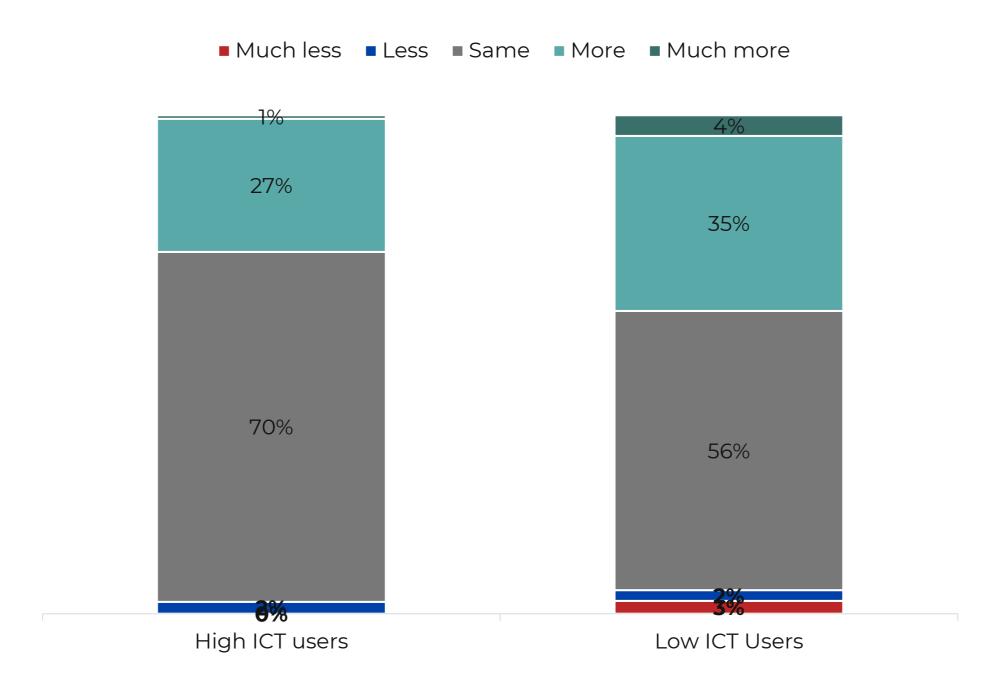


Q: Do you plan to invest more or less in 2019?

Base	Sri Lanka
All enterprises	403

Low ICT users have plans to invest more

Plans for investment in next year(% of all enterprises)





Q: Do you plan to invest more or less in 2019?

Base	High ICT users	Low ICT users
All enterprises	116	287

BUSINESS TRAININGS AND ADVICES

BUSINESS TRAININGS ADVICES AND TIPS



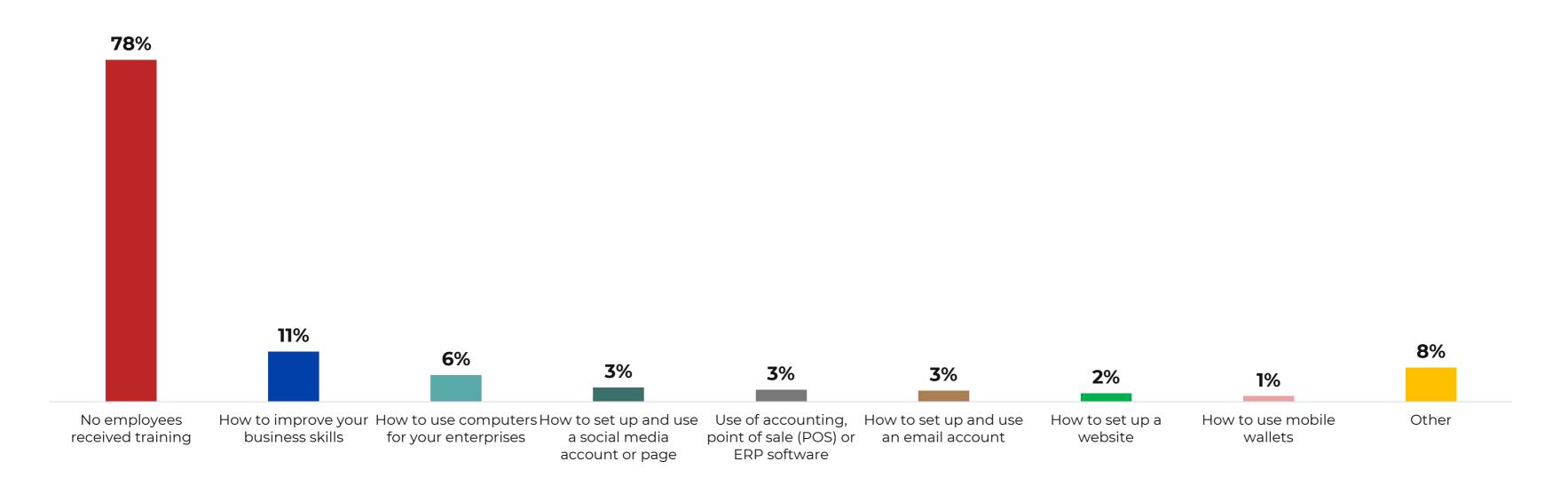
BUSINESS TRAININGS AND ADVICES

> BUSINESS TRAININGS ADVICES AND TIPS



Many didn't received any training

Type of trainings received by the employees (% of all enterprises)





Q: Have you or any of your current employees sponsored trainings during last 5 years on Information and Communication Technology (ICT) skills to enable the employees to do their jobs better?

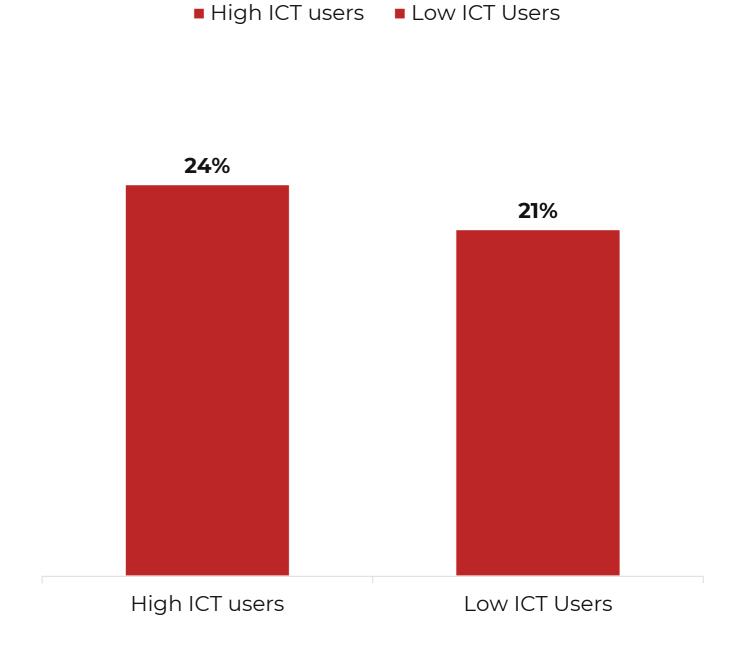
Base	Sri Lanka
All enterprises	403

Employees of high ICT using enterprises received slightly more trainings

Type of trainings received by the employees (% of all enterprises)



Of the enterprises have provided trainings for their employees

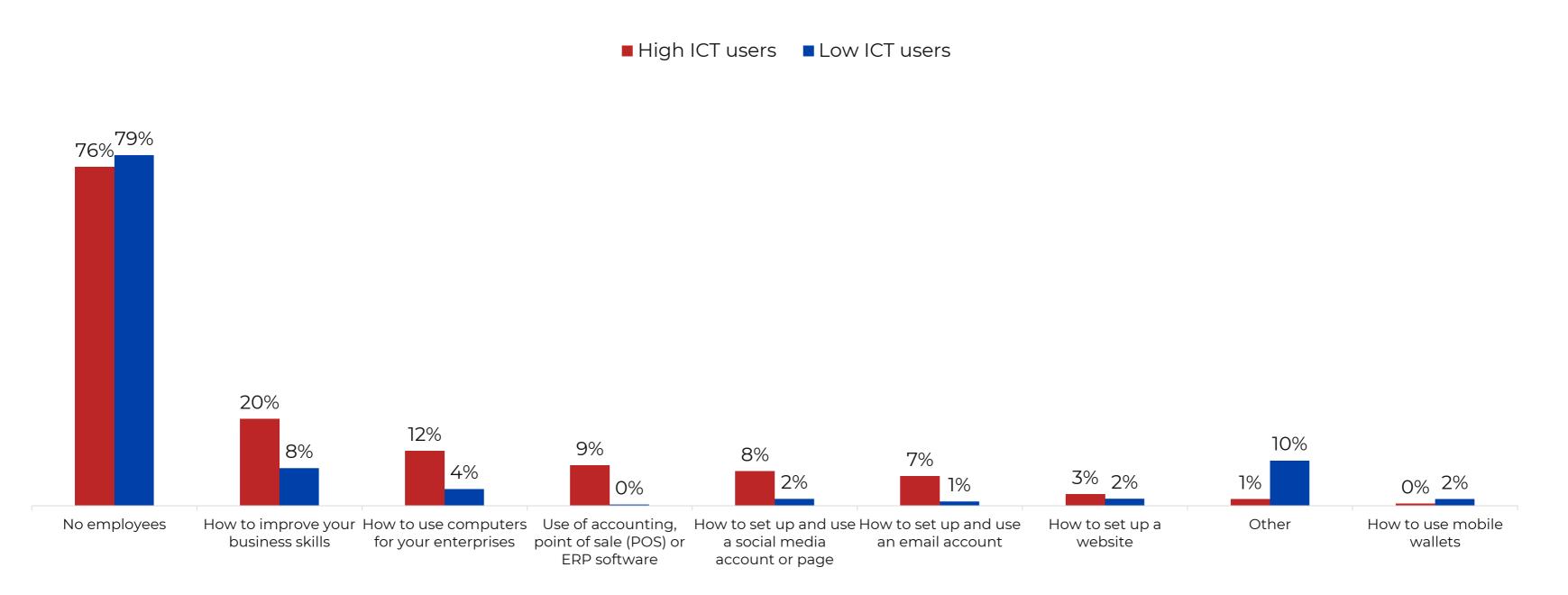


Q: Have you or any of your current employees sponsored trainings during last 5 years on Information and Communication Technology (ICT) skills to enable the employees to do their jobs better?



Employees of high ICT using enterprises received more trainings

Type of trainings received by the employees (% of all enterprises)



Q: Have you or any of your current employees sponsored trainings during last 5 years on Information and Communication Technology (ICT) skills to enable the employees to do their jobs better?



Base	High ICT users	Low ICT users
All enterprises	116	287

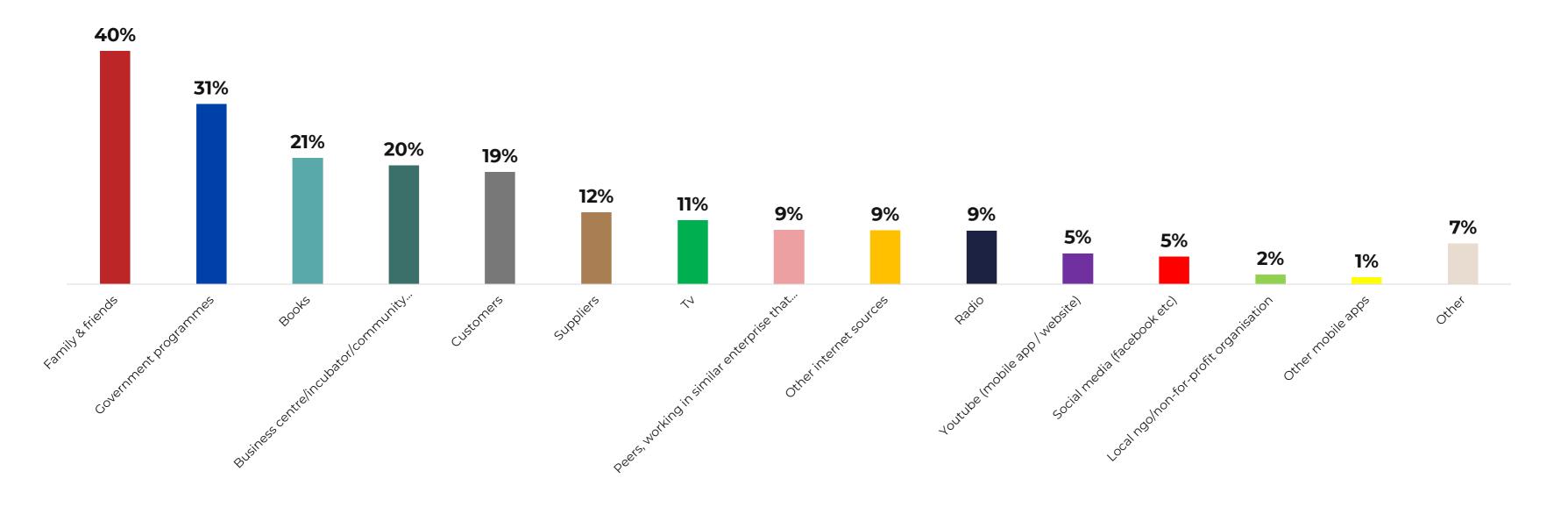
BUSINESS TRAININGS AND ADVICES

BUSINESS TRAININGS> ADVICES AND TIPS



Many rely on family and friends; one third on government programs; Low number of enterprises use online sources

Source of advice/tip(% of all enterprises)



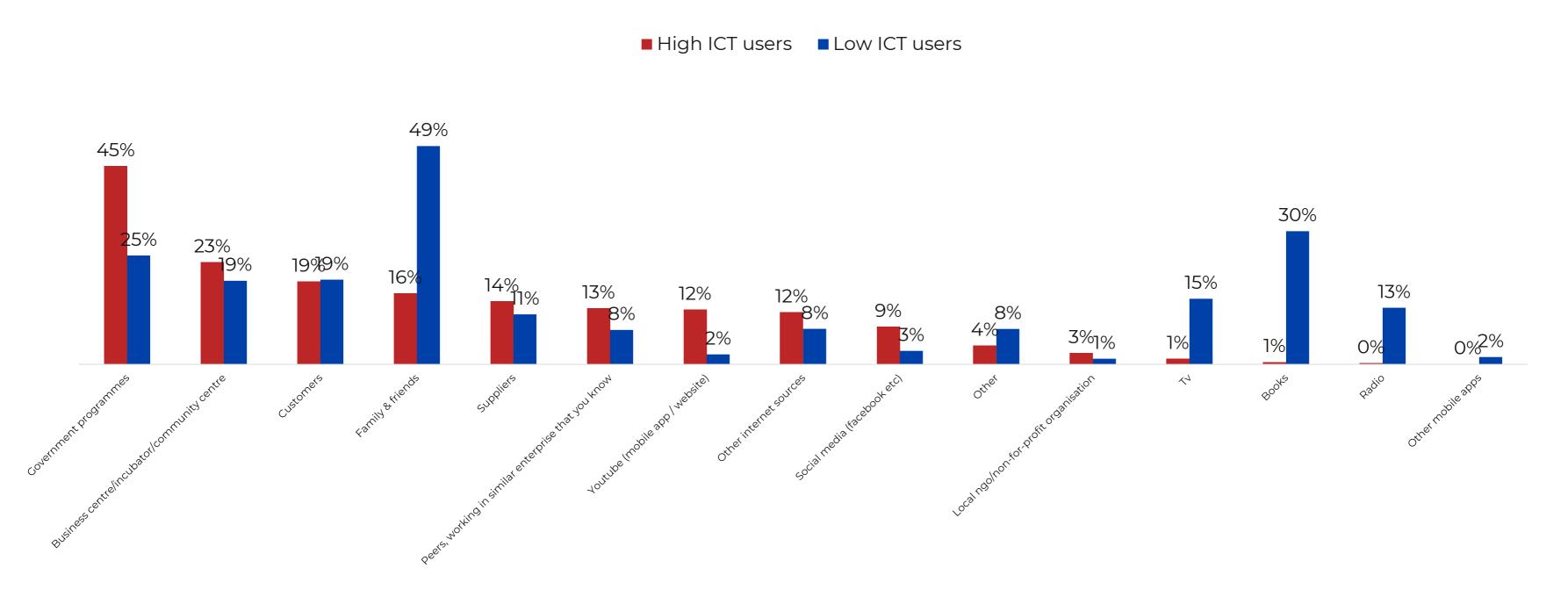
Q: Who do you rely on for tips and advices on how to run and improve your enterprise?



Base	Sri Lanka
All enterprises	403

High ICT users rely more on other sources (than family and friends) to get advices

Source of advice/tip(% of all enterprises)



Q: Who do you rely on for tips and advices on how to run and improve your enterprise?



Base	High ICT users	Low ICT users
All enterprises	116	287

3

BANKING

TYPE OF ACCOUNTS
BANK LOANS
INSURANCE
ONLINE & MOBILE BANKING
PAYMENTS
REASON FOR NON USE



3

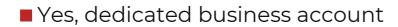
BANKING

> TYPE OF ACCOUNTS
BANK LOANS
INSURANCE
ONLINE & MOBILE BANKING
PAYMENTS
REASON FOR NON USE



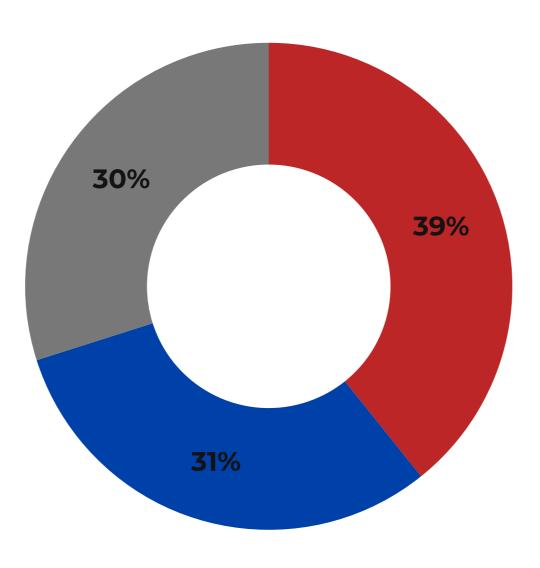
Less than 40% of the enterprise have a dedicated bank account

Bank account use (% of all enterprises)



■ Yes, use private account for business purposes

■ No bank account



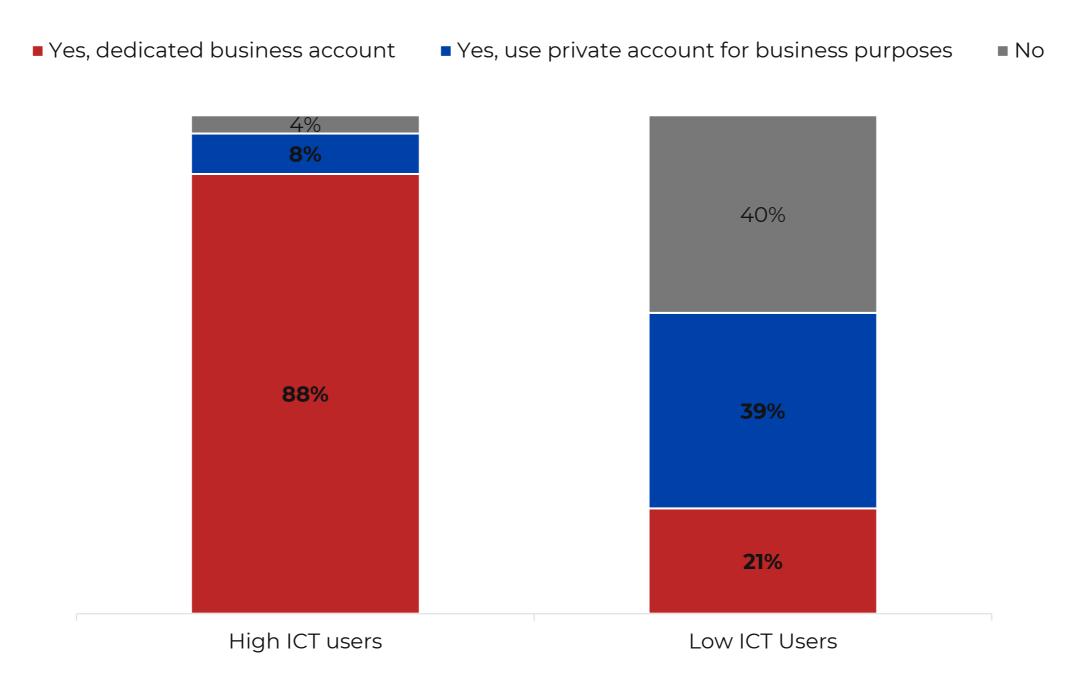


Q: Does your enterprise have a bank account savings, currents etc?

Base	Sri Lanka
All enterprises	403

High ICT users are more banked

Bank account use (% of all enterprises)



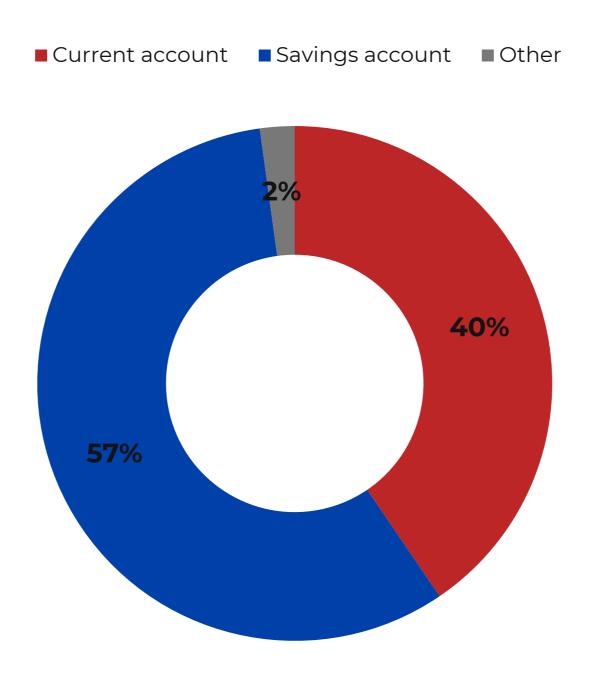




Base High ICT users Low ICT user All enterprises 116 287

Many use savings accounts

Type of the bank account (% of banked enterprises)



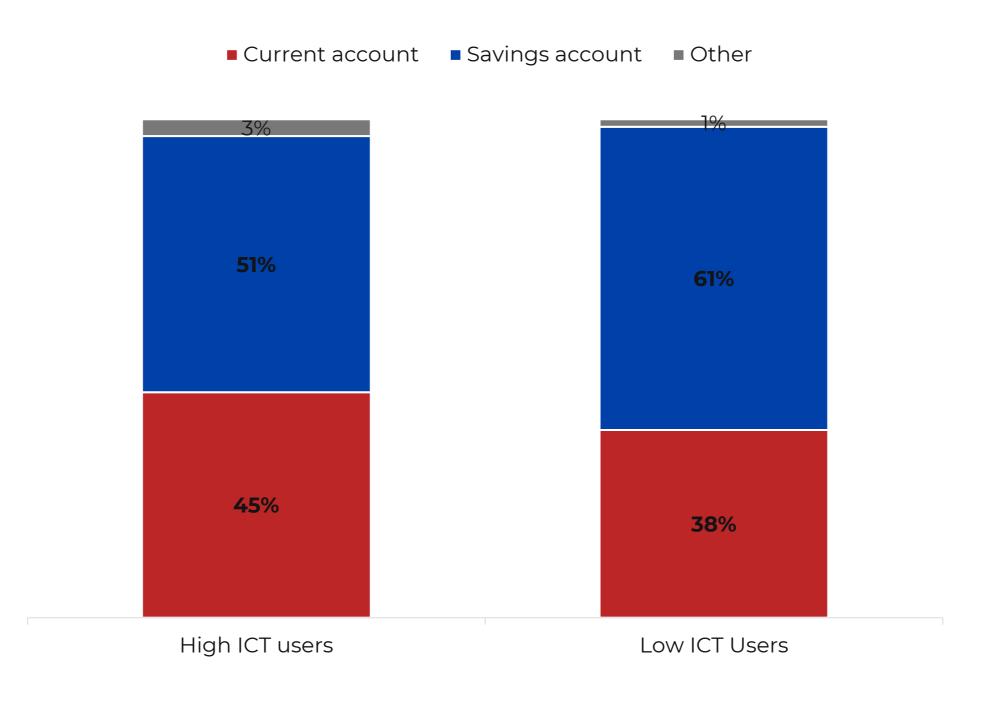


Q: What type of bank account?

Base	Sri Lanka
Banked enterprises	285

Higher current accounts among high ICT users

Type of the bank account (% of banked enterprises)





Q: What type of bank account?

Base	High ICT users	Low ICT users
Banked enterprises	105	180

3

BANKING

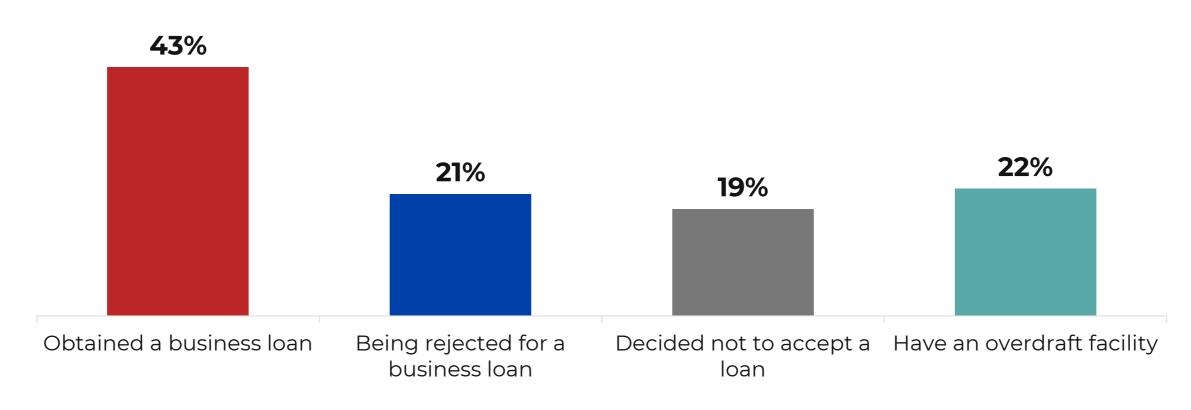
TYPE OF ACCOUNTS

> BANK LOANS
INSURANCE
ONLINE & MOBILE BANKING
PAYMENTS
REASON FOR NON USE



Many obtained loans; One fifth got rejected for loans

Bank loans (% of banked enterprises)



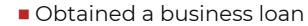


Q: Has the enterprise ever?

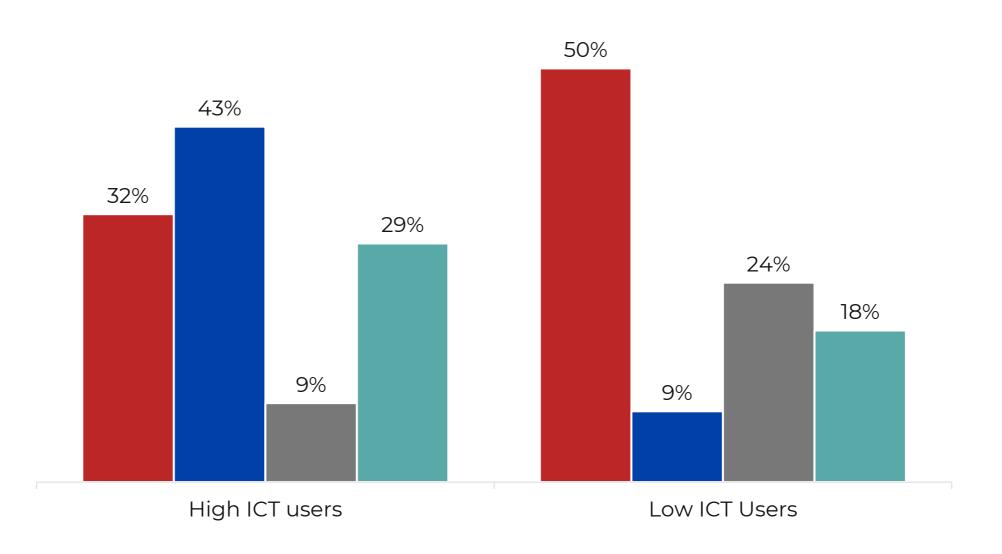
Base	Sri Lanka
Banked enterprises	285

Low ICT users are less rejected for loans

Bank loans (% of banked enterprises)



- Being rejected for a business loan
- Decided not to accept a loan
- Have an overdraft facility





Q: Has the enterprise ever?

Base	High ICT users	Low ICT users
Banked enterprises	105	180

3

BANKING

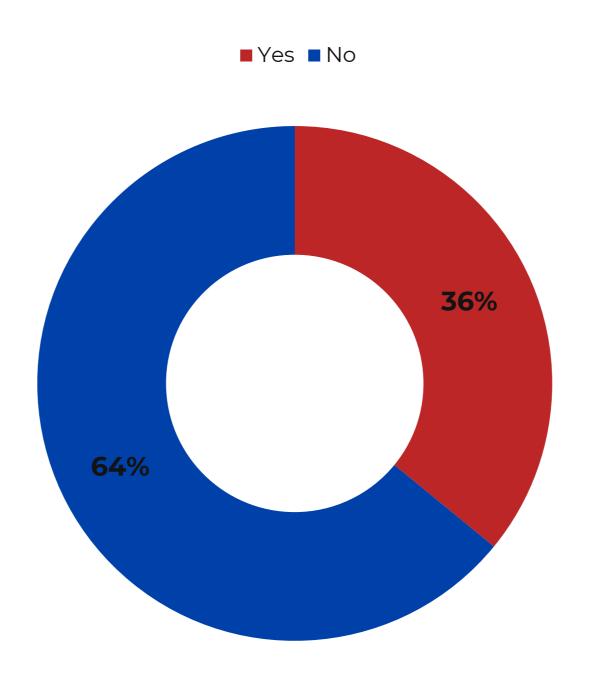
TYPE OF ACCOUNTS BANK LOANS

> INSURANCE
ONLINE & MOBILE BANKING
PAYMENTS
REASON FOR NON USE



Insurance facilities are not so popular among the small and medium sized enterprises

Enterprise insurance* (% of banked enterprises)



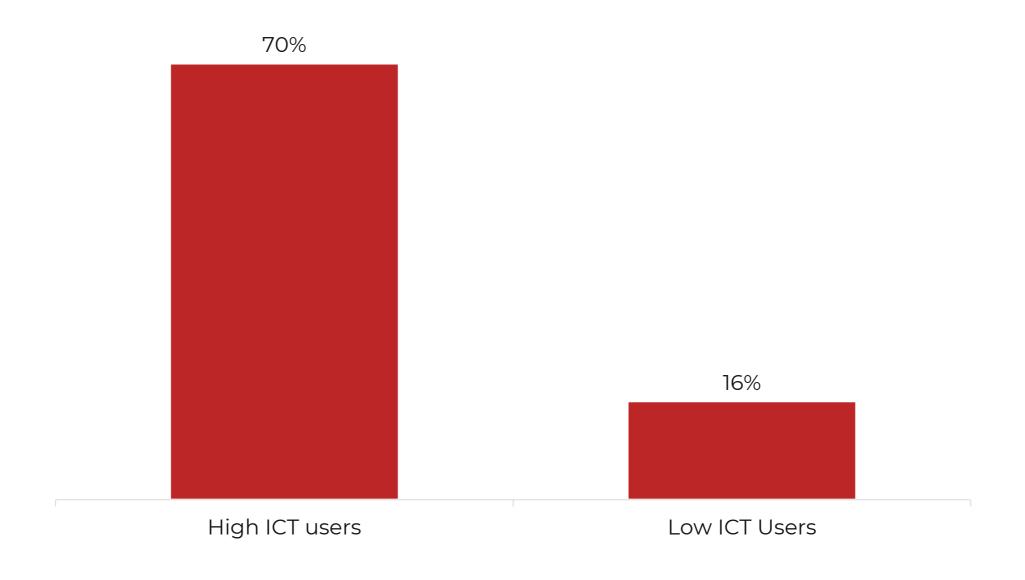


Q: Have you purchased any insurance for your enterprise?

Base	Sri Lanka
Banked enterprises	285

High ICT users are better insured

Enterprise insurance (% of banked enterprises)





Q: Have you purchased any insurance for your enterprise?

Base	Sri Lanka
Banked enterprises	285

3

BANKING

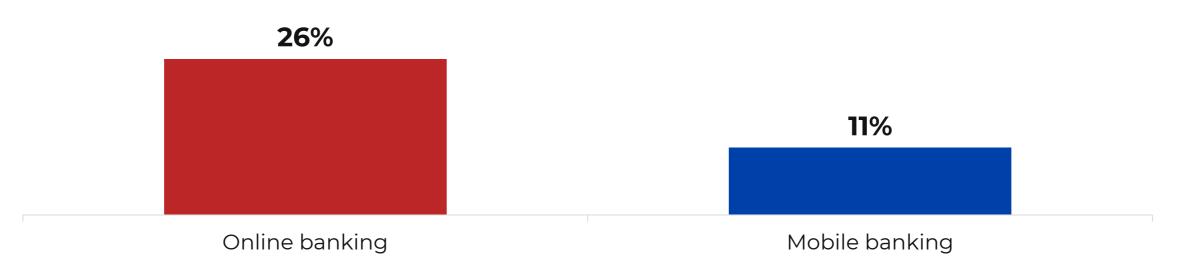
TYPE OF ACCOUNTS BANK LOANS INSURANCE

> ONLINE & MOBILE BANKING PAYMENTS REASON FOR NON-USE



Low use of online and mobile banking use

Online and mobile banking (% of banked enterprises)



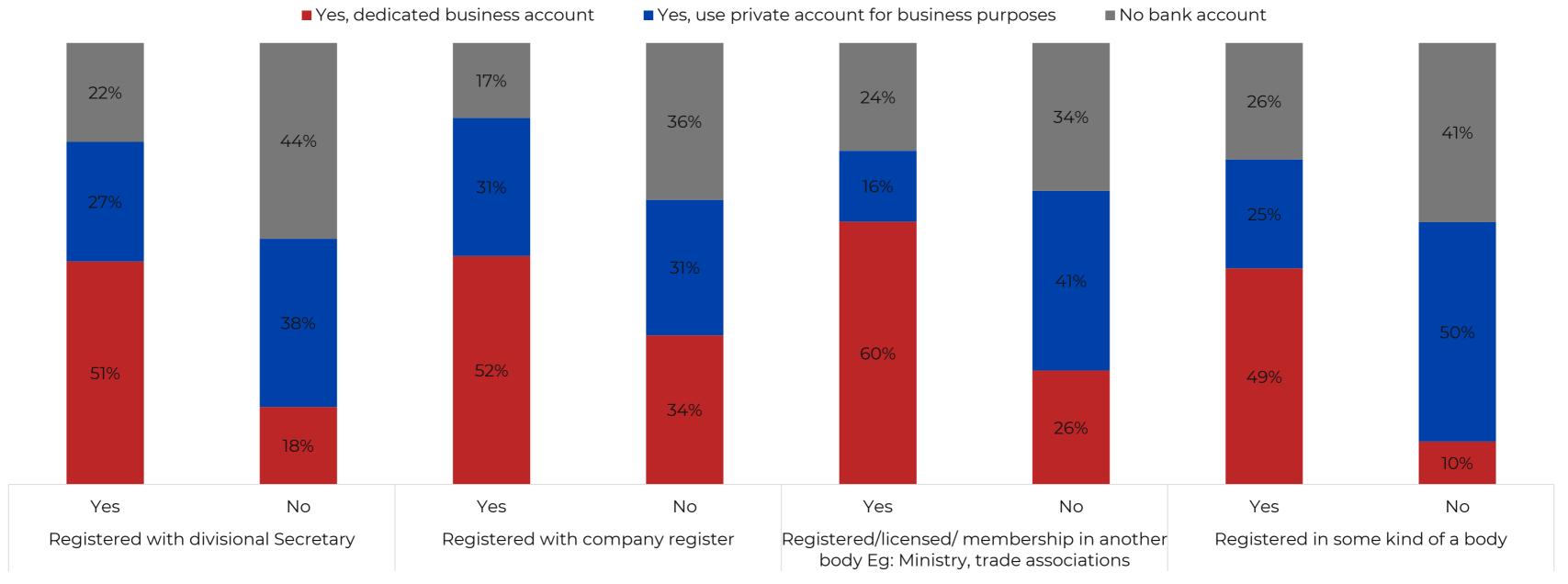


Q: Have you used online banking or mobile banking for your enterprise?

Base	Sri Lanka
Banked enterprises	285

Registered enterprises have more dedicated business bank accounts

Bank account use (% of all enterprises)



Q1: Is your enterprise registered with divisional secretary office?

Q2: Is your enterprise registered with company registrar (central or provincial)?

Q3: Is your enterprise registered/licensed/ membership in anywhere else? Eg: Ministry, trade associations

Q4: Does your enterprise have a bank account savings, currents etc?

Base Sri Lanka
All enterprises 403



3

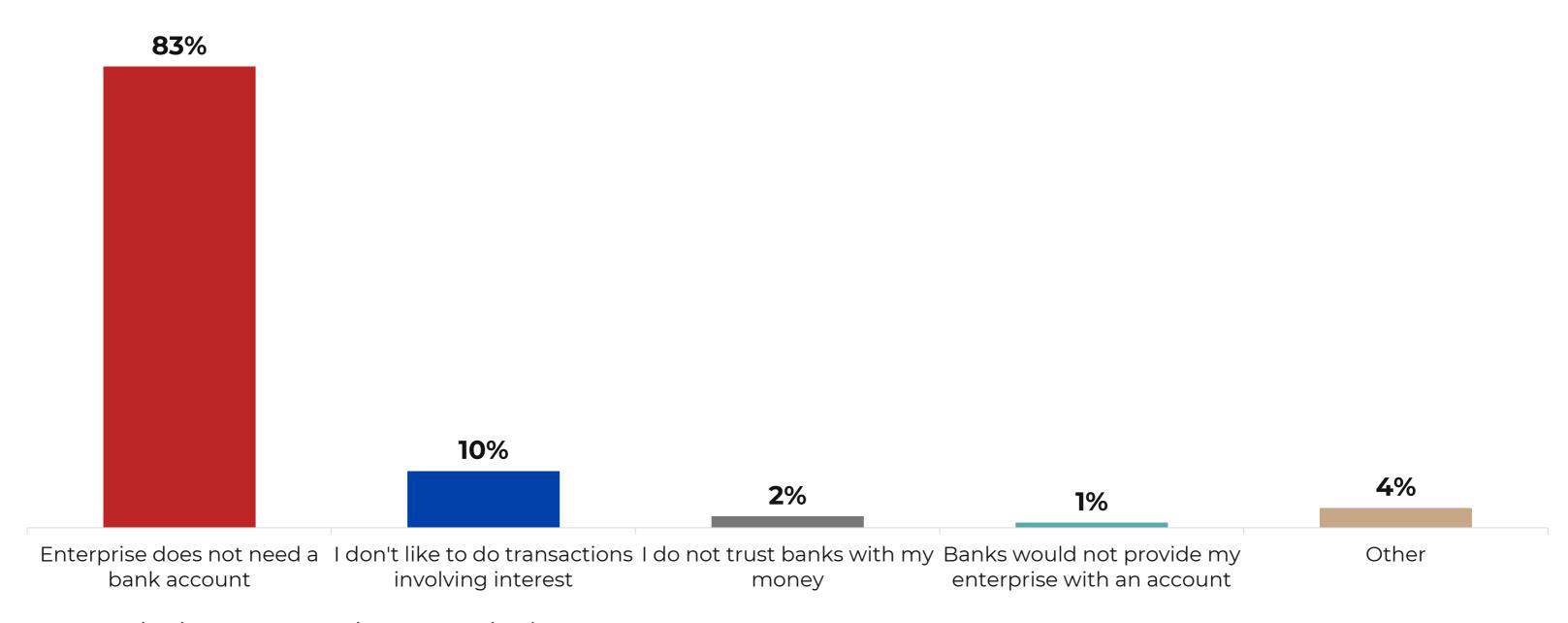
BANKING

TYPE OF ACCOUNTS
BANK LOANS
INSURANCE
ONLINE & MOBILE BANKING
PAYMENTS
> REASON FOR NON-USE



83% of the non-banked enterprises not feel a need of bank accounts for their businesses

Reason for not using bank accounts (% of non-banked enterprises)





Q: Why does your enterprise not use a bank account?

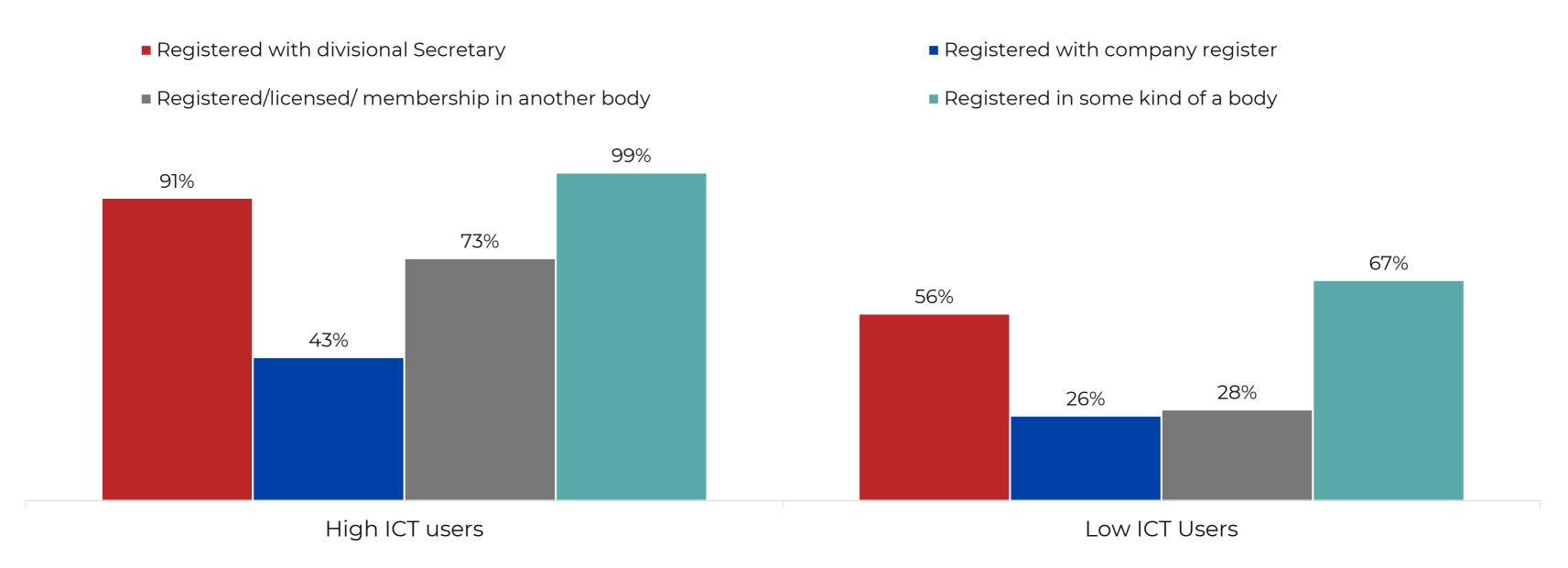
Base	Sri Lanka
Non-banked enterprises	118

REGISTRATION AND ICT USE



Almost every high ICT using enterprise registered in some kind of a body

Registration of enterprises (% all enterprises)



Q1: Is your enterprise registered with divisional secretary office?

Q2: Is your enterprise registered with company registrar (central or provincial)?

Q3: Is your enterprise registered/licensed/ membership in anywhere else? Eg: Ministry, trade associations



Base	Sri Lanka
All enterprises	403

THANK YOU

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Canada







