

Principal Indicators

	2019	2018	Change (%)	Percentage of Total (%)		Difference (p.p.)
				2019	2018	
Total No. of Households ('000)	197.5	194.4	1.6	100.0	100.0	..
Households Using the Internet	182.3	175.4	3.9	92.3	90.2	2.1
Fixed Broadband	24.0	41.6	-42.3	13.2	23.7	-10.5
Mobile Broadband	178.5	165.9	7.6	97.9	94.6	3.3
Fibre Optic Broadband	138.8	117.5	18.1	76.1	67.0	9.1
Households with Computer Equipment	149.3	143.0	4.4	75.6	73.6	2.0
Desktop Computer	93.1	96.9	-3.9	62.4	67.8	-5.4
Laptop	94.8	89.6	5.8	63.5	62.7	0.8
Tablet	93.9	85.2	10.2	62.9	59.6	3.3
Mobile Phone Users ('000)	594.0	577.3	2.9	92.7	91.7	1.0
Male	275.5	270.4	1.9	46.4	46.8	-0.4
Female	318.5	307.0	3.7	53.6	53.2	0.4
Internet Users ('000)	554.0	527.4	5.0	86.5	83.8	2.7
Male	260.2	248.8	4.6	47.0	47.2	-0.2
Female	293.8	278.6	5.5	53.0	52.8	0.2
Computer Users ('000)	331.8	320.7	3.5	51.8	51.0	0.8
Male	168.7	157.5	7.1	50.8	49.1	1.7
Female	163.0	163.3	-0.2	49.1	50.9	-1.8

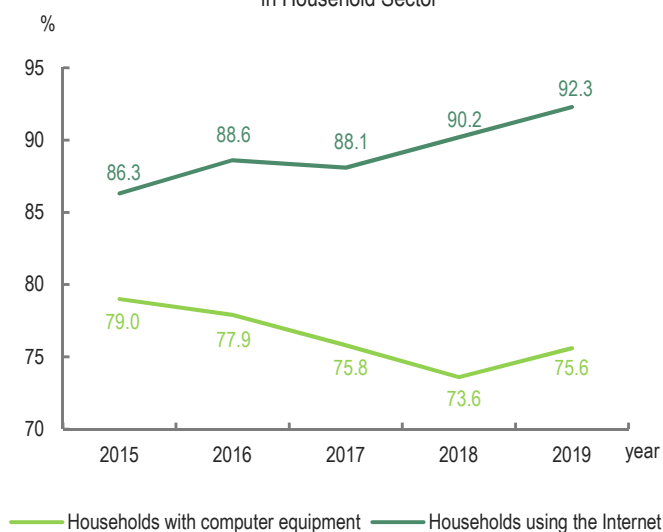
.. Not applicable p.p. Percentage point

- In 2019, number of households using the Internet increased by 6,900 year-on-year to 182,300, accounting for 92.3% of the total households.

Number of households using fibre optic broadband connection continued to rise, up by 18.1% year-on-year to 138,800, taking up 76.1% of the total households using the Internet. The proportion of households using mobile broadband to access the Internet (178,500) grew by 3.3 percentage points to 97.9%, indicating that only a small number of households never use mobile broadband at home.

With an increase of 10.2% in the number of households having tablets (93,900), the proportion of households having computer equipment rose by 2.0 percentage points year-on-year to 75.6%, with 149,300 households. Households with laptops (94,800) and tablets (93,900) increased by 5.8% and 10.2% respectively year-on-year, while those with desktop computers (93,100) dropped by 3.9%.

Changes in Information Technology Usage
in Household Sector



- Internet users aged 3 and above totalled 554,000, an increase of 5.0% year-on-year, and the Internet penetration rate rose by 2.7 percentage points to 86.5%. The Internet penetration rates for males and females were 87.3% and 85.8% respectively, up by 3.5 and 2.0 percentage points.

The Internet penetration rates for the population aged 45-54 and 35-44 were 95.5% and 98.6% respectively, up by 6.9 and 2.2 percentage points year-on-year. In addition, 69.0% of the population aged 55 and above used the Internet, representing a rise of 5.3 percentage points.

As regards frequency of using the Internet, 93.5% of the Internet users used the Internet daily, an increase of 1.8 percentage points year-on-year.

Internet Users by Gender and Age Group

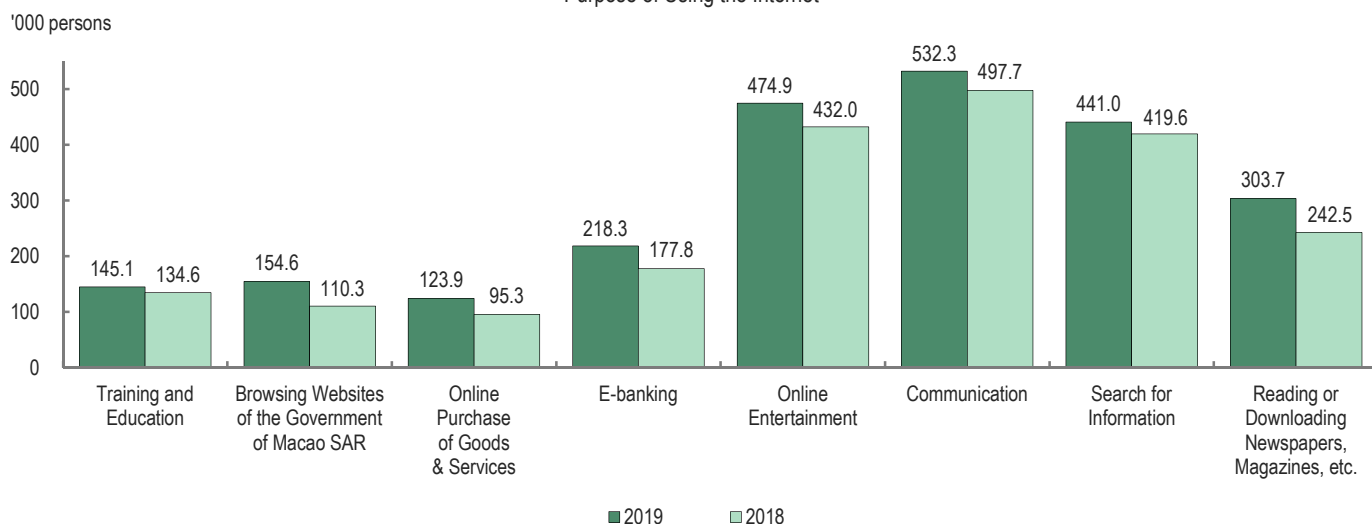
	Total	Male	Female	Penetration Rate (%)			Difference (p.p.)		
				Total	Male	Female	Total	Male	Female
Total ('000)	554.0	260.2	293.8	86.5	87.3	85.8	2.7	3.5	2.0
3-14	48.5	26.5	22.0	67.7	69.0	66.5	-1.4	2.2	-5.3
15-24	62.0	33.0	29.1	99.2	98.8	100.0	1.1	1.9	0.3
25-34	120.6	53.5	67.1	98.0	98.0	97.8	1.0	1.0	0.8
35-44	108.5	49.3	59.2	98.6	99.4	98.2	2.2	2.1	2.8
45-54	91.6	37.2	54.5	95.5	97.9	94.1	6.9	7.7	6.6
≥ 55	122.6	60.7	61.9	69.0	72.2	66.1	5.3	7.2	3.7

Internet Users by Educational Attainment

	Persons ('000)	Penetration Rate (%)		Difference (p.p.)
		2019	2018	
Total	554.0	86.5	83.8	2.7
Primary Education and Lower	122.1	65.4	62.5	2.9
Junior Secondary Education	96.1	89.7	86.2	3.5
Senior Secondary Education	174.0	95.1	93.4	1.7
Tertiary Education	161.8	98.6	96.9	1.7

- Internet users with tertiary education totalled 161,800, up by 8.0% year-on-year; the Internet penetration rate stood at 98.6%, a rise of 1.7 percentage points. In addition, the rate for Internet users with junior secondary education rose by 3.5 percentage points to 89.7%.
- Regarding purpose of using the Internet, most of the Internet users used the Internet for Communication (96.1%) and Online Entertainment (85.7%), with the respective proportions rising by 1.7 and 3.8 percentage points year-on-year. The proportion for Reading or Downloading Newspapers (54.8%) went up by 8.8 percentage points.

Purpose of Using the Internet



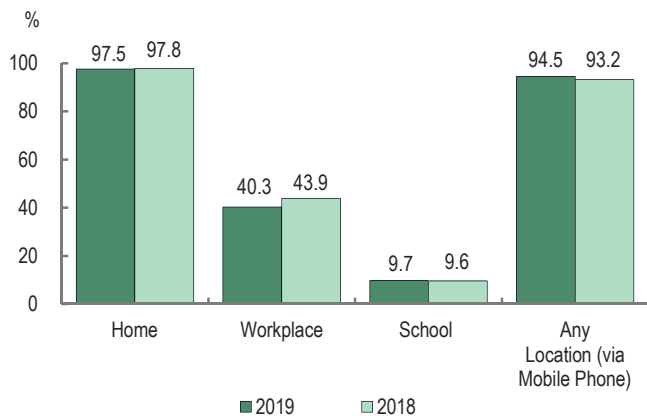
Online Shopping

	2019 ('000 Persons)	2018 ('000 Persons)	Change (%)	Median Spending (MOP)
Total	123.9	95.3	30.0	1,000
Electronic Products	21.2	15.6	35.9	1,000
Clothing & Footwear, Handbags, etc.	92.6	75.0	23.5	1,000
Travel Services	24.6	14.8	66.2	4,500
Others	10.2	9.5	7.4	1,000

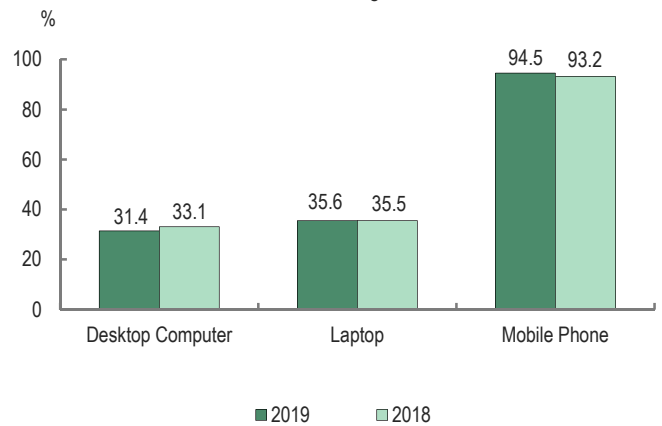
- In 2019, there were 123,900 Internet users who shopped online, up by 30.0% year-on-year; those who purchased Travel Services surged by 66.2% to 24,600.

In the fourth quarter of 2019, median online shopping spending stayed the same year-on-year at MOP 1,000. Median spending on Electronic Products dropped by 23.1% to MOP 1,000 whereas that on Clothing & Footwear, Handbags, etc. remained unchanged (MOP 1,000). Meanwhile, median spending on Travel Services rose by 12.5% to MOP 4,500.

Location of Accessing the Internet



Device for Accessing the Internet



- Mobile phone users aged 3 and above totalled 594,000, an increase of 2.9% year-on-year. Mobile phone owners totalled 576,800, accounting for 90.0% of the population aged 3 and above.
- The proportion of Internet users using mobile phones to access the Internet (94.5%) expanded by 1.3 percentage points year-on-year, and the share of those using laptops/tablets (35.6%) grew by 0.1 percentage point. On the other hand, the proportion of Internet users using desktop computers (31.4%) fell by 1.7 percentage points.
- About 97.5% of the Internet users accessed the Internet at home, down by 0.3 percentage points year-on-year; meanwhile, the proportion of those accessing the Internet at any location via mobile phone went up by 1.3 percentage points to 94.5%.
- Computer users totalled 331,800 and the computer penetration rate rose by 0.8 percentage points year-on-year to 51.8%.

Explanatory Notes

$$\text{Internet Penetration Rate} = \frac{\text{Internet Users}}{\text{Population aged 3 and above}} \times 100\%$$

$$\text{Computer Penetration Rate} = \frac{\text{Computer Users}}{\text{Population aged 3 and above}} \times 100\%$$

$$\text{Mobile Phone Penetration Rate} = \frac{\text{Mobile Phone Users}}{\text{Population aged 3 and above}} \times 100\%$$

Data collection for Survey on Information Technology Usage in the Household Sector was conducted in the fourth quarter of 2019 through a supplementary questionnaire of the Employment Survey.

A sample size of 2,100 residential units was selected and the observation units are individuals aged 3 and above living in these units. In the sample, a total of 1,973 units were occupied, comprising 1,409 successful interviews, 64 refusals and 500 non-contacts; the response rate was 71.4%.

The reference period of Information Technology Usage refers to the three months prior to the date of interview.

Multiple answers were allowed on: the types of computer equipment and Internet connection; the purpose, device and location for accessing the Internet; and types of online shopping.

Figures may not add up to the totals due to rounding.

For additional information:
<http://www.dsec.gov.mo/e/utif.aspx>

