

SOUTH KOREA: POST COVID - 19

June 2020



A blurred, wide-angle photograph of a busy street in South Korea, likely a shopping district. The street is filled with a dense crowd of people, many of whom are wearing face masks. The background is filled with numerous commercial signs and billboards for various brands, including 'CNP', 'MISSHA', 'A'pieu', 'stila', 'MAX FACTOR', 'Cèllapy', 'me:factory', 'PUPA', 'MEDIHEAL', 'nunc', 'adidas', 'FILA', 'watch+', 'mamster', and 'ETUDE HOUSE'. The overall scene depicts a typical busy urban environment in South Korea.

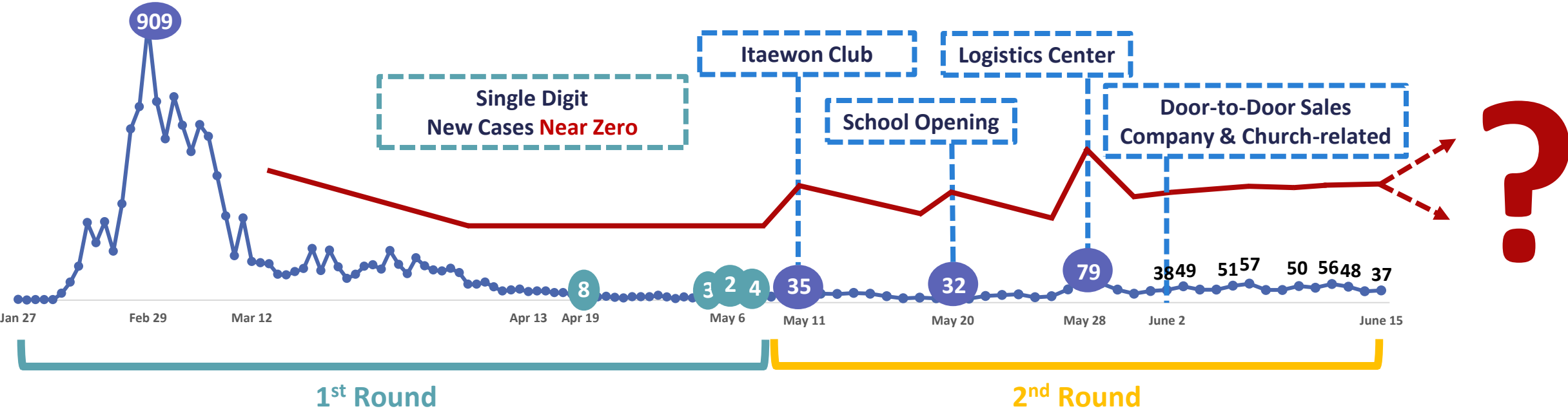
DISTANCING IN
DAILY LIFE

AND THEN...

COVID-19 in South Korea

Down to Single Digit

Number of New Confirmed Cases (per day) Source: [Coronaboard](#)



3T:

TEST

TRACE

TREAT/ISOLATE

“The South Korean government, based on extensive and swift virus testing and contact tracing, has largely managed to bring the virus situation under control without drastic measures like lockdowns.” – Jared Diamond

Source: March 12, 2020. [BBC NEWS](#) / June 4, 2020. [The Korea Herald](#)

Test, Trace, and Treat/Isolate

Direction of the S. Korean Government

- Ability to Perform around 25,000 Tests a Day, totaling 1.12 million tests as of June 16, 2020
- Pioneered Launching Drive-through and Walk-through Diagnostics & Running Mobile Testing Centers

Source: KCDC



S. Korea's COVID-19 Test Kit

Image Source: April 11, 2020. [Global Economic](#)



Drive-through Coronavirus Testing

Image Source: February 29, 2020. [Yonhap News](#)

- Transparent Information Disclosure
- Adoption of ICT (Information and Communication Technology)

Source: May 6, 2020. [Maeil Business Newspaper](#)



Text Messaging Alerts

Image Source: April 11, 2020. [The Asia Business Daily](#)



Smartphone App for Mandatory Quarantines

Image Source: March 7, 2020. [YTN](#)

- Quarantine/Isolate – 2-week of Quarantine for Travelers
- Treatment
- National Healthcare System



Residential Treatment Center

Image Source: March 3, 2020. [BreakNews](#)



Mobile Testing Centers in Small Cluster Infected Areas

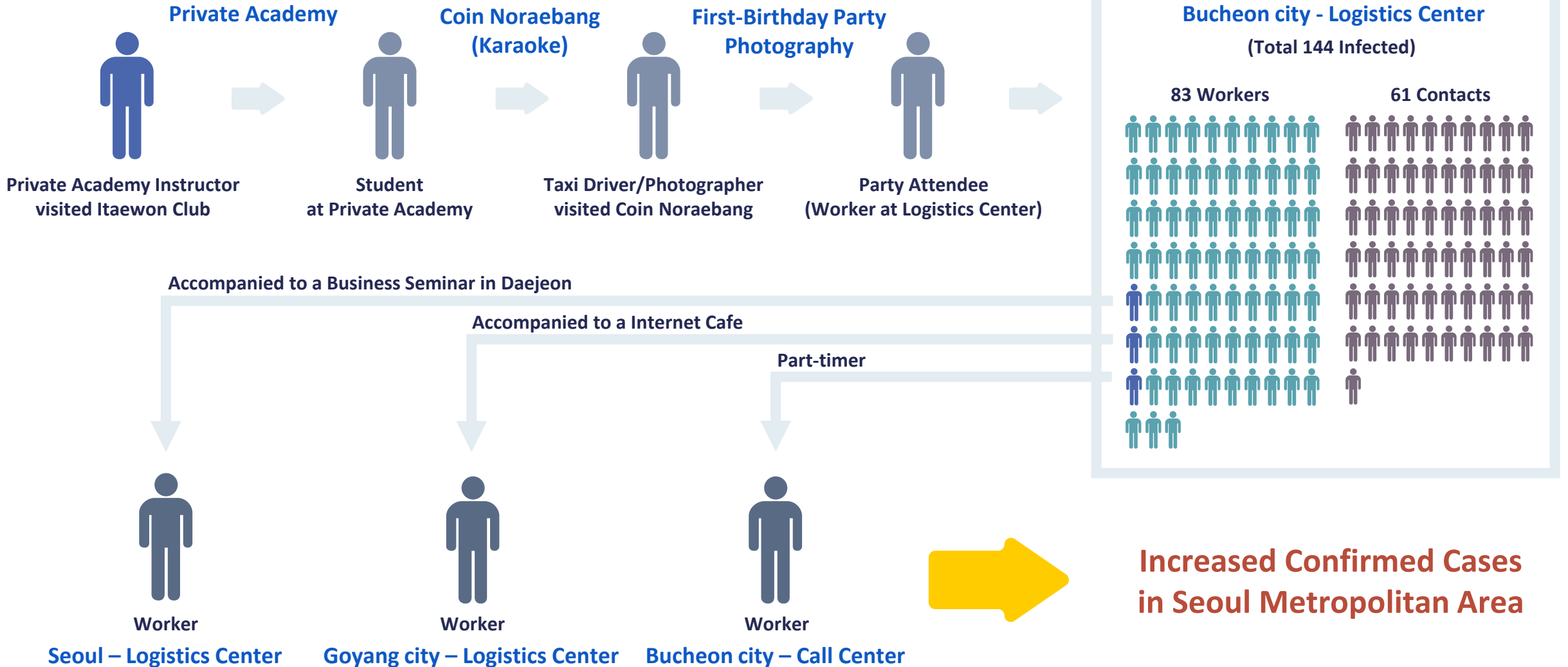
Image Source: June 1, 2020. [News GyeongNam](#)

CLUSTER TRANSMISSION: LOGISTICS CENTER

LINKED TO ITAEWON OUTBREAK

Source: May 28, 2020. [Yonhap News](#)
June 10, 2020. [KCDC](#)

As of June 10, 2020,

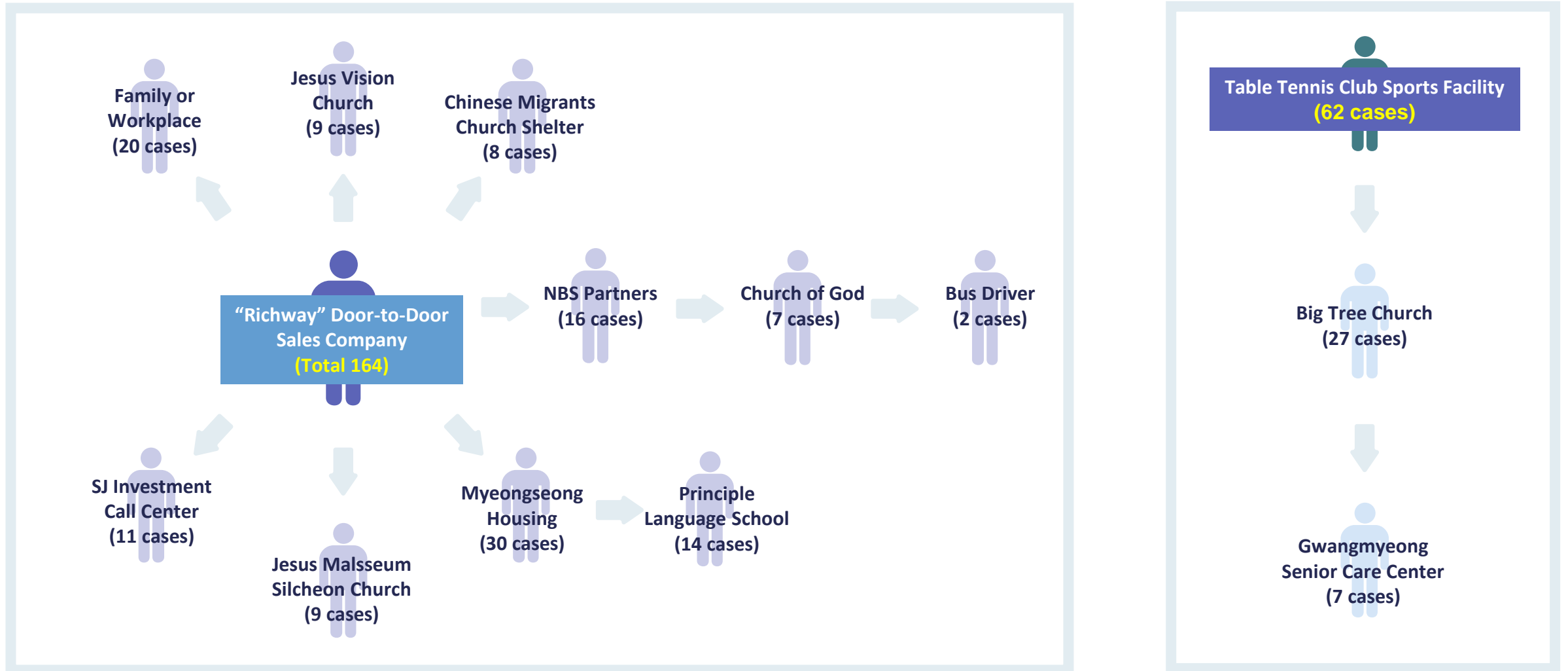


CLUSTER TRANSMISSION: SPORADIC CASES

DOOR-TO-DOOR SALES COMPANY & TABLE TENNIS CLUB

Source: June 14, 2020. [News1](#) / June 13, 2020. [KCDC](#)

As of June 13, 2020,



PROCEDURES FOR OVERSEAS VISITORS

Fast-Track System for BUSINESS TRIPS

It is a rule to quarantine for **2 weeks (14 days)** for both Koreans and foreigners who enter Korea from abroad. It expanded to all countries starting on April 1, which had been applied only to inbound travelers from Europe and the United States.

However, **businessman/entrepreneur** can be guaranteed for business activities through “**Fast-Track**” entry process.



Source: [NEWSIS](#), Ministry of Foreign Affairs, Embassy of the Republic of Korea in the USA



Image Source: April 29, 2020. [KBS NEWS](#)



Image Source: May 23, 2020. [AsiaE](#)



Image Source: May 10, 2020. [MBC NEWS](#)

DISTANCING IN DAILY LIFE

SWITCHING FROM SOCIAL DISTANCING



Image Source: May 25, 2020. [YTN](#)

1 Drive-In Concert – Cheering with Emergency Lights

Hyundai Motors held a new type of concert called “the Motor Studio Stage X” in a way that each audience could sit in a car and enjoy the stage. The audience listened to the music by tuning their radio frequency in the car, and cheered using the emergency lights of the car.

Source: May 24, 2020. [YTN](#)



Image Source: May 13, 2020. [ChosunBiz](#)

2 ‘NO MASK, NO RIDE’ Policy

Korea’s ‘No Mask, No ride’ policy on subway, buses and taxis go smoothly. All drivers, passengers should wear masks and masks are available for sale at vending machines and convenience stores in subway stations.

Source: May 25, 2020 [Yonhap News](#)

DISTANCING IN DAILY LIFE

SWITCHING FROM SOCIAL DISTANCING



Image Source: June 2, 2020. [DongA Ilbo](#)

3 Mandatory QR CODE Registration

Visitors at bars, clubs and other entertainment facilities will be mandatory to register the QR code. Those facilities in Korea are required to use smartphone QR code based entry logs for all visitors to keep records of their personal details.

Source: June 10, 2020 [Money Today News](#)



Image Source: May 20, 2020. [Insight](#)

4 Students Back to Classroom

5.95 million students across South Korea are all back to schools for the first semester of 2020, by having the high school seniors to firstly return to school on May 20th, then gradually begun opening for the rest of the students on May 27th, June 3rd, and finally on June 8th. However, a total of 517 schools across the country (514 in the metropolitan area) remain closed entirely due to sporadic infections.

Source: June 8, 2020. [SBS News](#)

A group of officials in a meeting room, with the South Korean flag and two local government flags (Seoul and Gyeonggi-do) in the background. The image is overlaid with a blue tint.

E C O N O M I C S S T I M U L U S P L A N



ECONOMIC STIMULUS PACKAGE

SOUTH KOREAN GOVERNMENT

S. Korea's Economic Stimulus Package Fund:

1st & 2nd Extra Budget covering:

- i) \$26.4 billion for Small Enterprises
- ii) \$40 billion for Korea's Top 7 Key Industries
- iii) \$25 billion for Financial Institutes
- iv) \$14.3 billion for Emergency Disaster Relief Fund

The Ministry of Economy and Finance announced a 3rd supplementary budget of \$35.3 billion to support employment and finance economic stimulus, as well as to make a revenue adjustment. The increase to this year's already supersized spending of \$51.25 billion is a third after \$11.7 million created in March and \$12.2 million in April.

3rd Extra Budget: \$35.3 billion including:

- i) \$11.4 for Revenue Adjustment
- ii) \$5 billion for Finance emergency support
- iii) \$9.4 billion for Improving job security and expanding social safety nets
- iv) \$11.3 billion for Finance economic stimulus packages, including Korean NEW Deal

Source: [Maekyung](#)/ [The 300](#)/ [mbc news](#)/ Ministry of Economy and Finance

EMERGENCY RELIEF GRANT

TO ALL HOUSEHOLDS - \$14.3 billion

Starting on May 4th, the Korean government begun providing the emergency relief grants **to all 21.71 million households** to cope with the economic impact of the coronavirus outbreak - **totaling US\$14.35 billion**. This fund is to be used by the end of August.

The government has decided to provide **US\$1,000 each to households with four or more** members, US\$800 to three-person households, US\$600 to two-person households and **US\$400 to single-person households**.

99.5% Released as of June 7th

As of June 7th, 99.5% of the total households received the relief fund, with payments exceeding US\$13.6 billion.

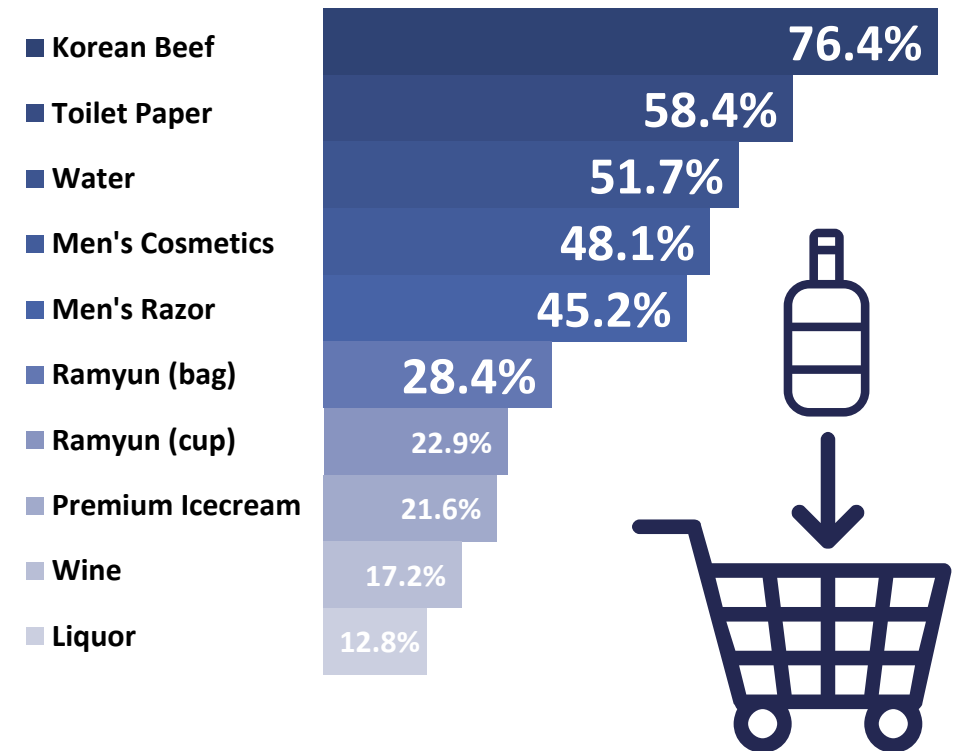
According to a survey conducted by Realmeter, a local polling organization, **7 out of 10** Koreans say emergency disaster relief **fund has helped** household finances.

As the fund is not available to be used at large hypermarkets or department stores, it was shown that consumers bought daily necessities at convenience stores that they would normally have bought at hypermarkets. With the burden of spending reduced, sales of high-priced products such as wine and liquors increased, which were not usually purchased often.

Source: [MBC News](#), [Yonhapnews](#), [DongA.com](#), [MK](#)

Convenience Stores' Sales Growth After Distribution

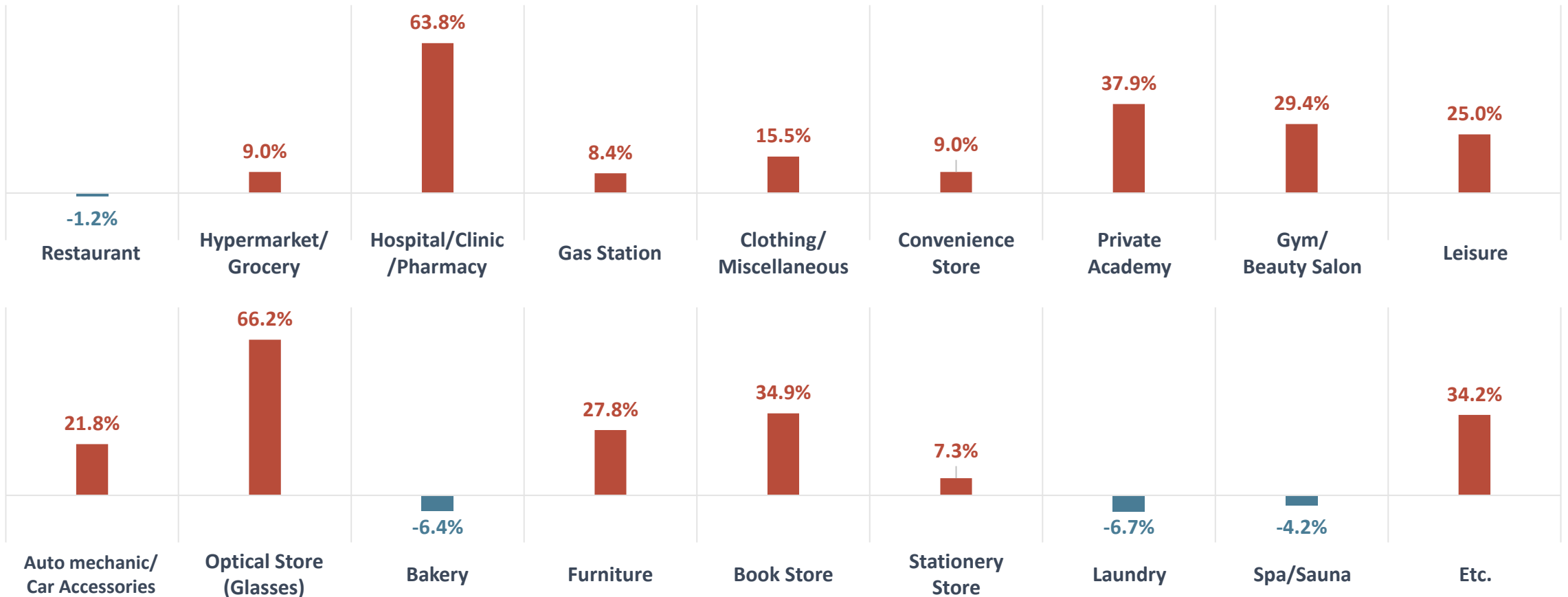
from May 13th-17th (After Distribution) compared to May 6th-10th (Before Distribution)



IMPACT OF EMERGENCY RELIEF GRANT

Increase / Decrease in Sales

1st Week vs. 4th Week of May 2020



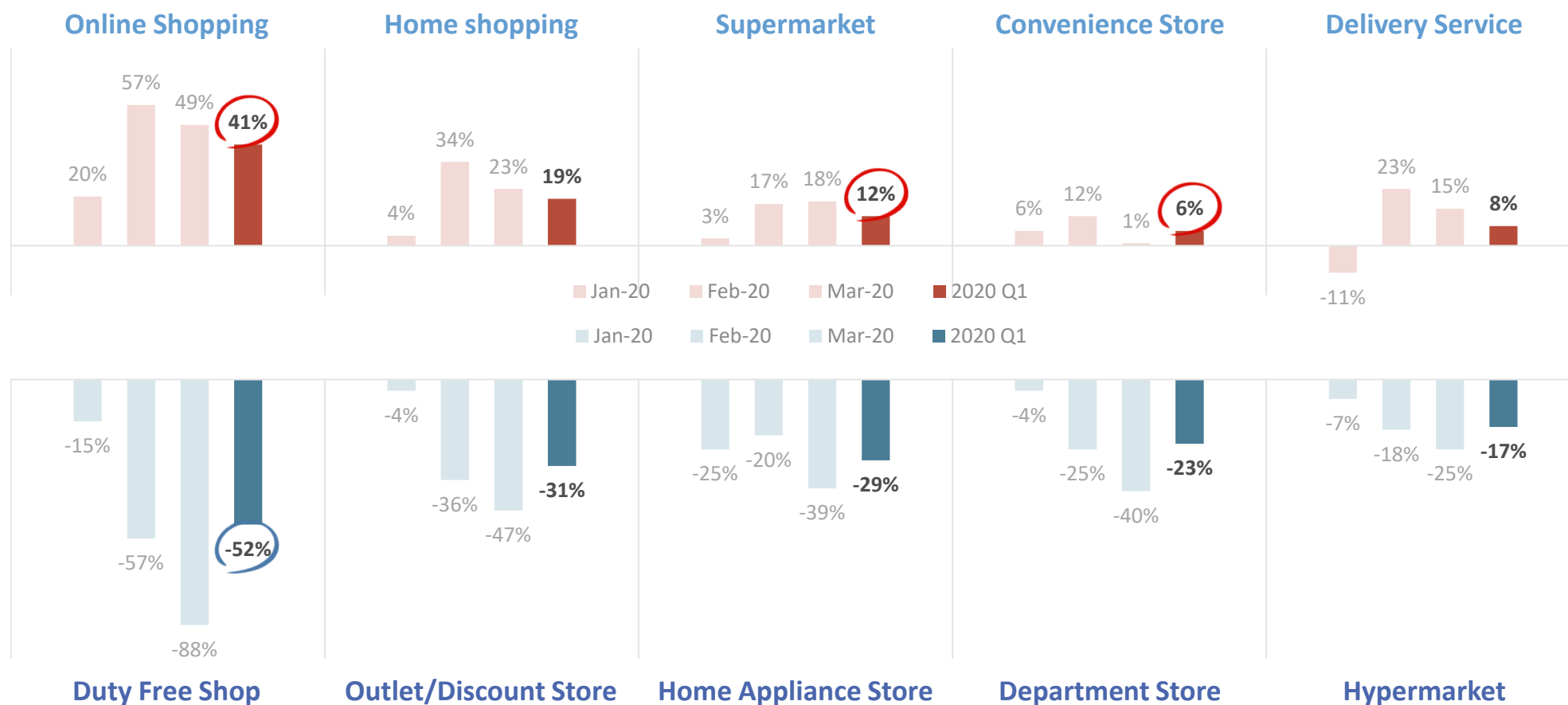
Source: June 10, 2020. [Ministry of the Interior and Safety](#)

CONSUMPTION TRENDS ::: Q1 SURVEY BY HANA BANK

Based on credit card sales data of Q1 in 2019 & 2020

Surge in Online Shopping, Closer Offline Shops Preferred

- “Un-tact” consumption including **online/home shopping** has significantly **increased** and online shopping sales in the 1st quarter, in particular, has **increased 41% year-on-year**.
- Only the sales at **supermarkets** and **convenience stores** that are relatively close to home have **increased** among offline shopping.



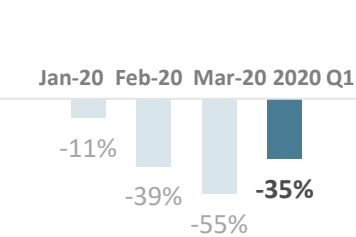
Increased Avg. Expense per Purchase When Shopping Offline

- The total **number of offline shopping** has **dropped** rapidly, but the **average amount** spent on offline shopping has **increased**.
- The **number of online shopping** has **skyrocketed**, but the **average amount** spent on online shopping has **decreased**.
- For **offline shopping**, buying pattern of **large purchases at once** are shown during store visits.

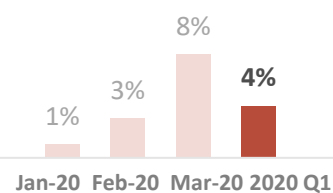
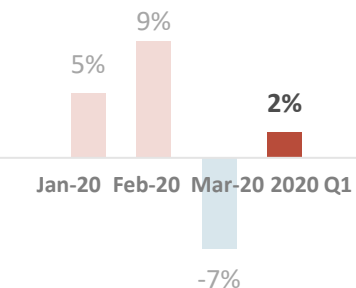
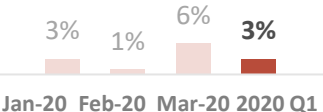
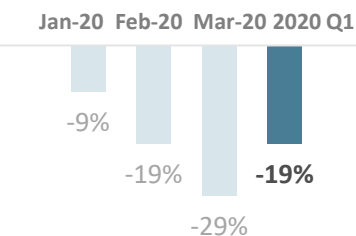
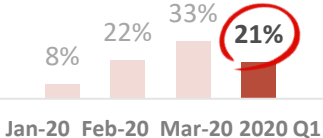
[OFFLINE]



Number of Purchases



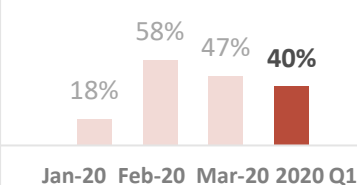
Amount per Purchase



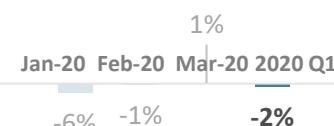
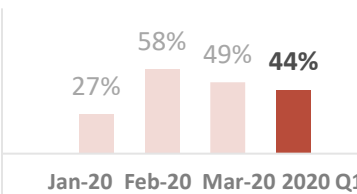
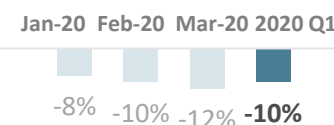
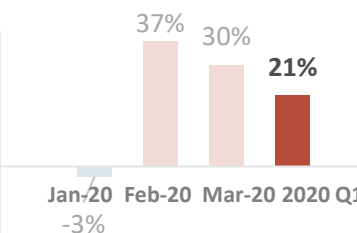
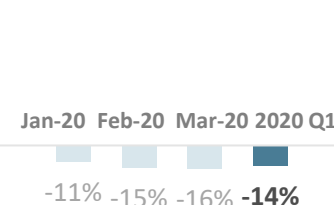
[ONLINE]



Number of Purchases

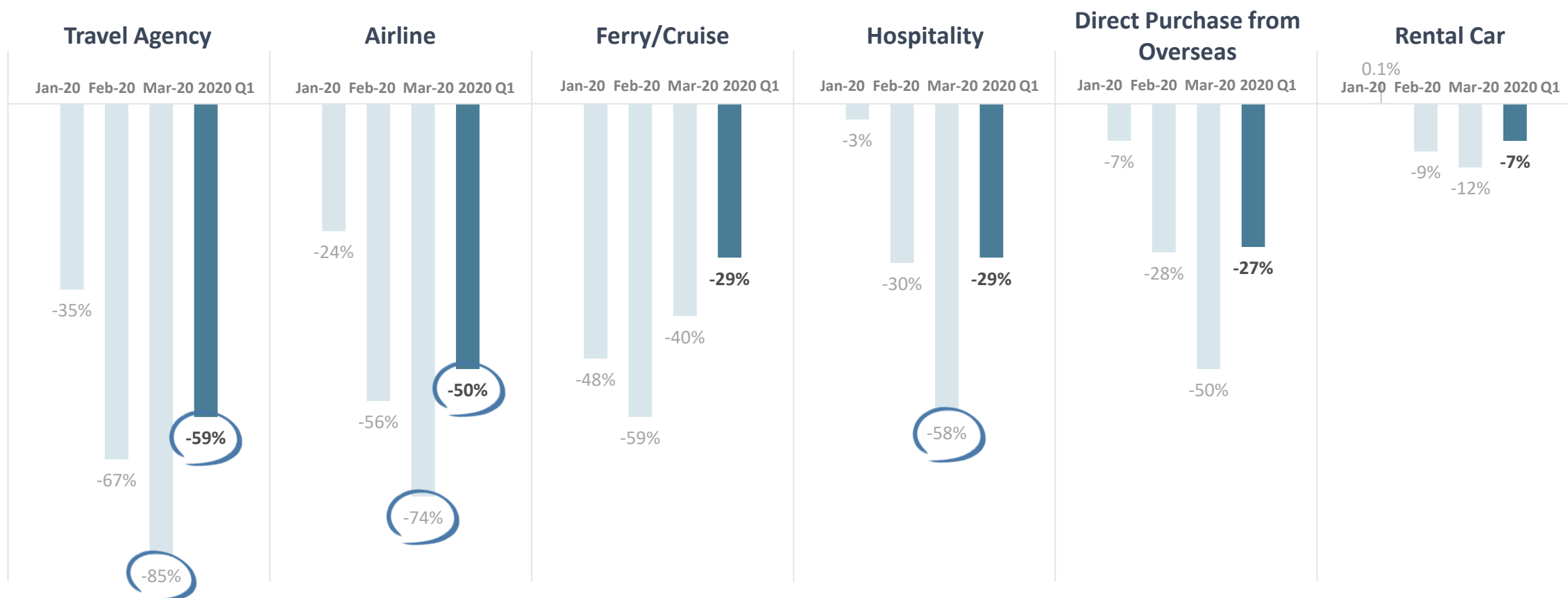


Amount per Purchase



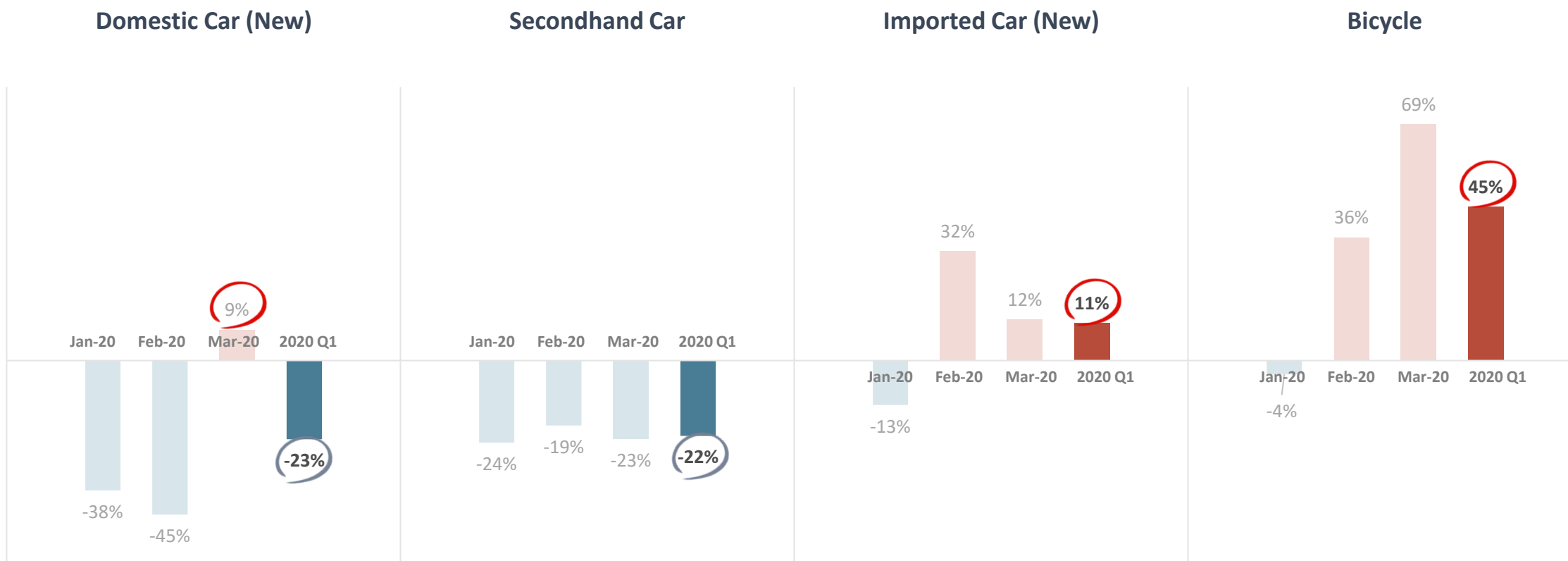
Nose-Dive in Sales of Travel Agencies, Hotels and Airlines

- In the 1st quarter of 2020, the sales in the **travel agency** industry **decreased by 59%** and **airlines decrease by 50%** compared to the same period of the previous year. In particular, sales in March showed the worst performance results including **85% sales decrease in travel agencies**, **74% decrease in airlines** and **58% decrease in hospitality**.



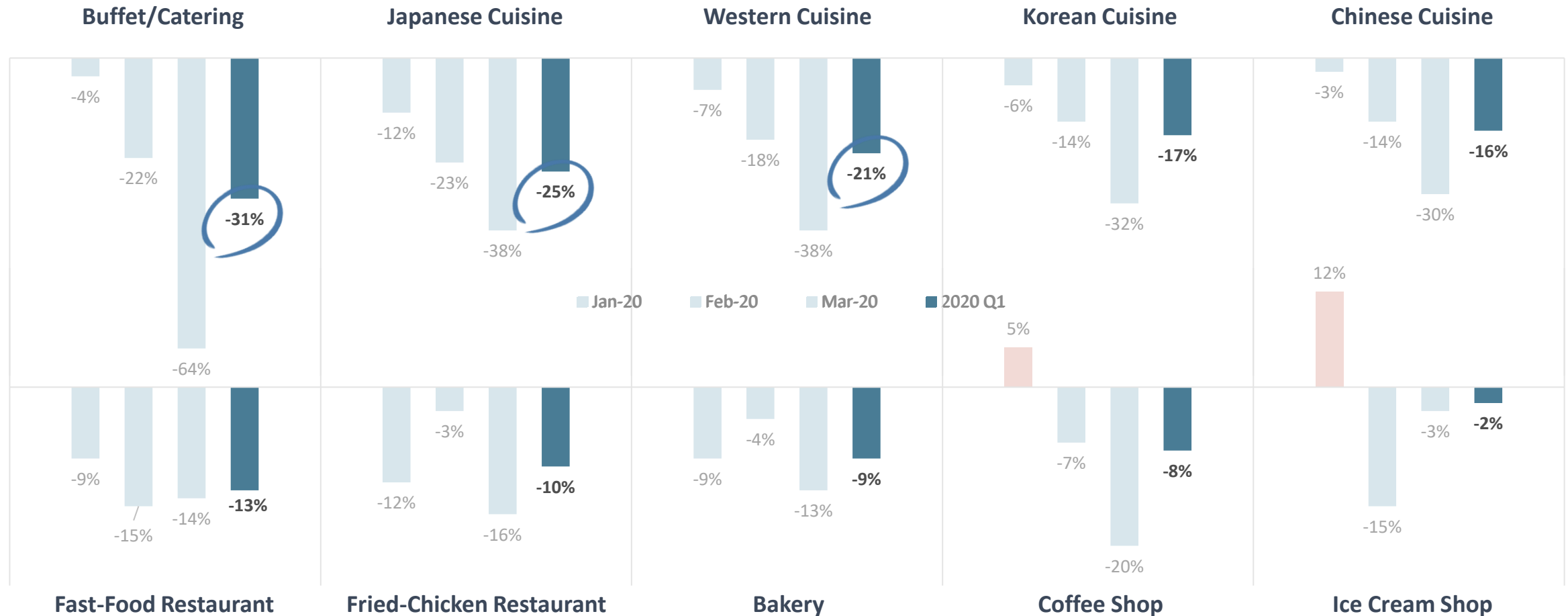
Increased Sales of Imported New Automobiles despite COVID-19

- Sales of new and secondhand domestic automobiles decreased by 23% and 22% respectively in the 1st quarter compared to the same period of the previous year. However, **sales of new domestic automobiles increased in March** due to individual consumption tax cuts. Imported new automobiles have not been affected by COVID-19 so far.
- Short-distance transportation including eco-friendly bicycles significantly increased its sales by 45% compared to the same period of last year.



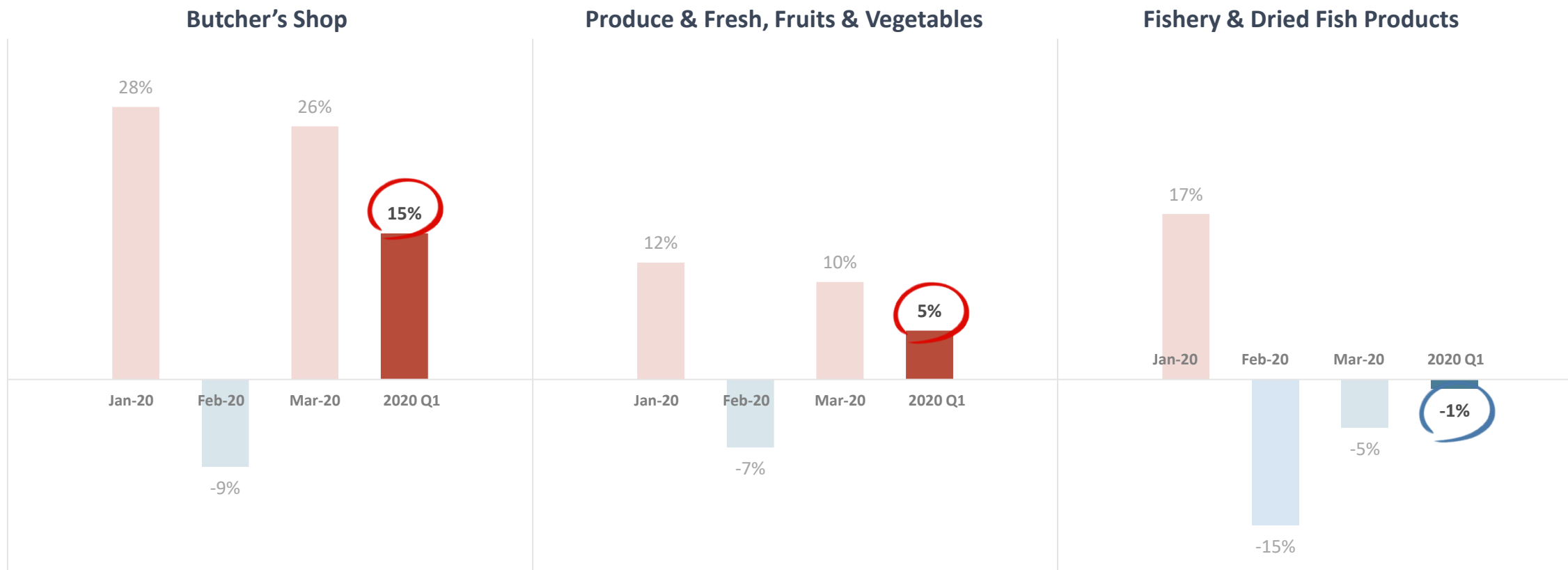
Decreased Sales of Restaurants/Foodservice

- Sales decreased in the foodservice industry; a **64% decrease** in **buffet and outside catering** and a **38% decrease** in **Japanese/Western restaurants**



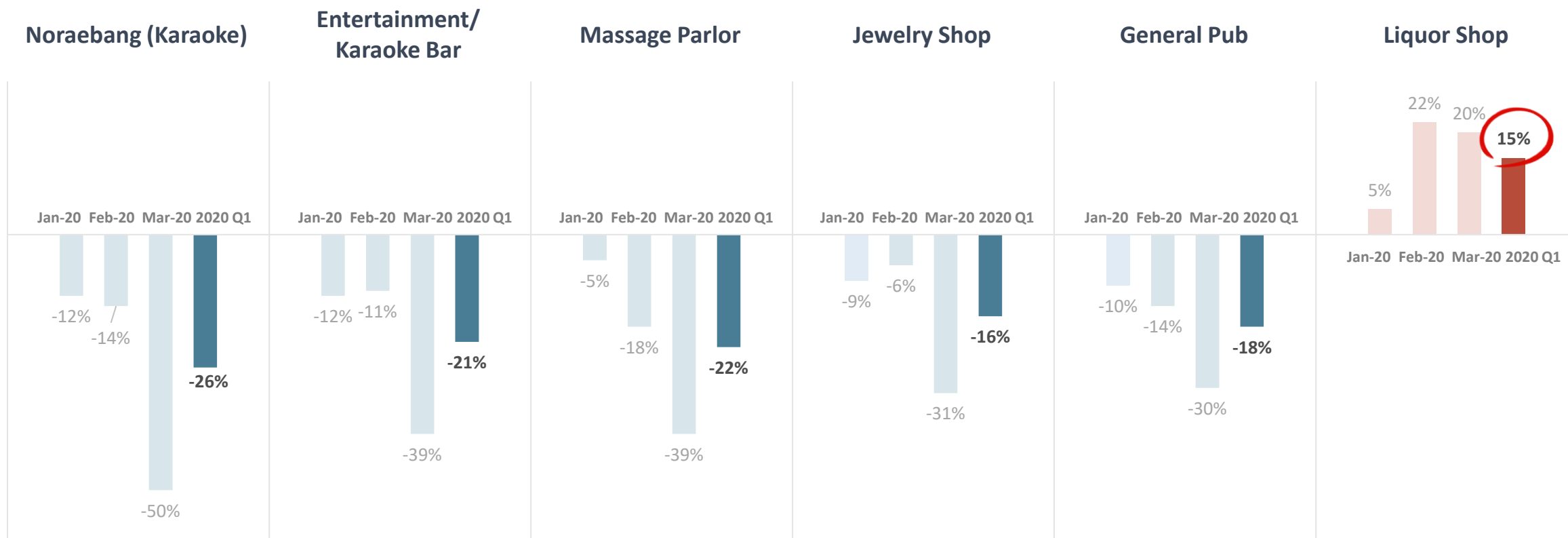
Increased Sales of Most Groceries

- **Most groceries**, except fisheries and dried fishes, have **increased its sales** year-on-year.
- **“Home-cook” trends** of eating at home rather than dining-out is **spreading out** due to COVID-19



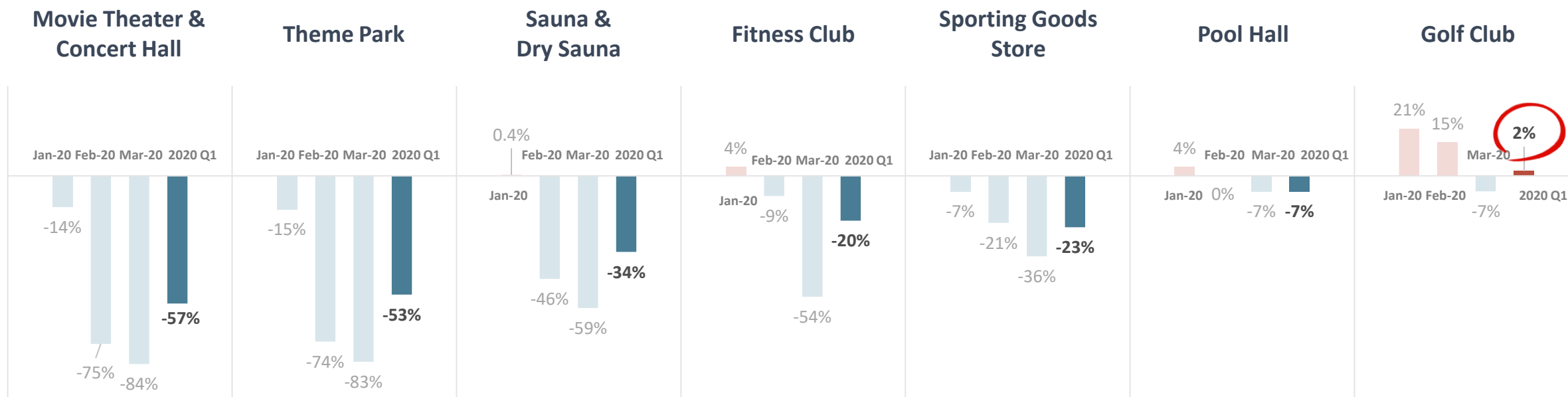
Decreased Sales of All Entertainment Industries, Except for Liquor Shop

- Sales of the entertainment industry regulated by the Korean government due to COVID-19 **decreased** compared to the previous year; however, sales of liquor shops **increased** due to an increase in **drinking at home**.



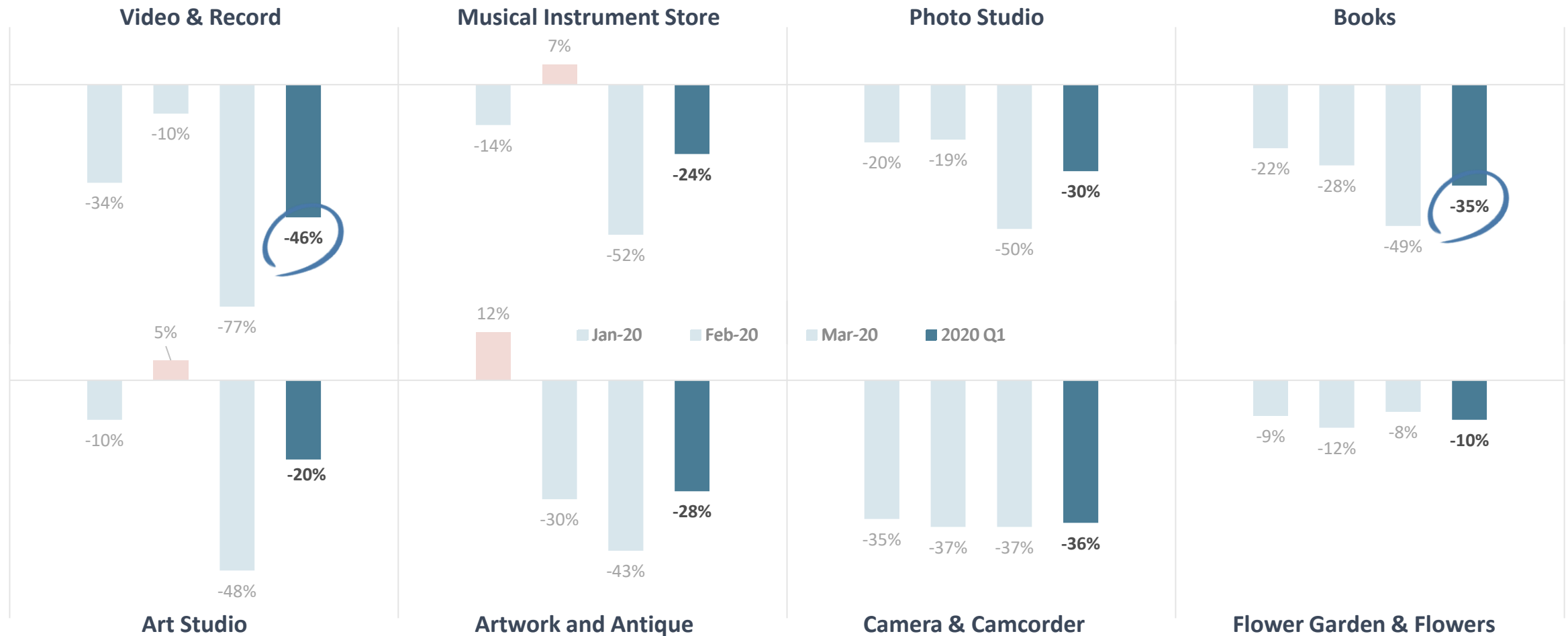
①Suffered the Most Severe Blows in Movie Theater

- Sales in the 1st quarter of the leisure/culture/hobby industry **decreased tremendously** in March, especially movie theaters & concert halls and theme parks by -84% and -83% respectively.
- Sales in the 1st quarter of all industries decreased, **except for the outdoor golf club**, compared to the same period last year.



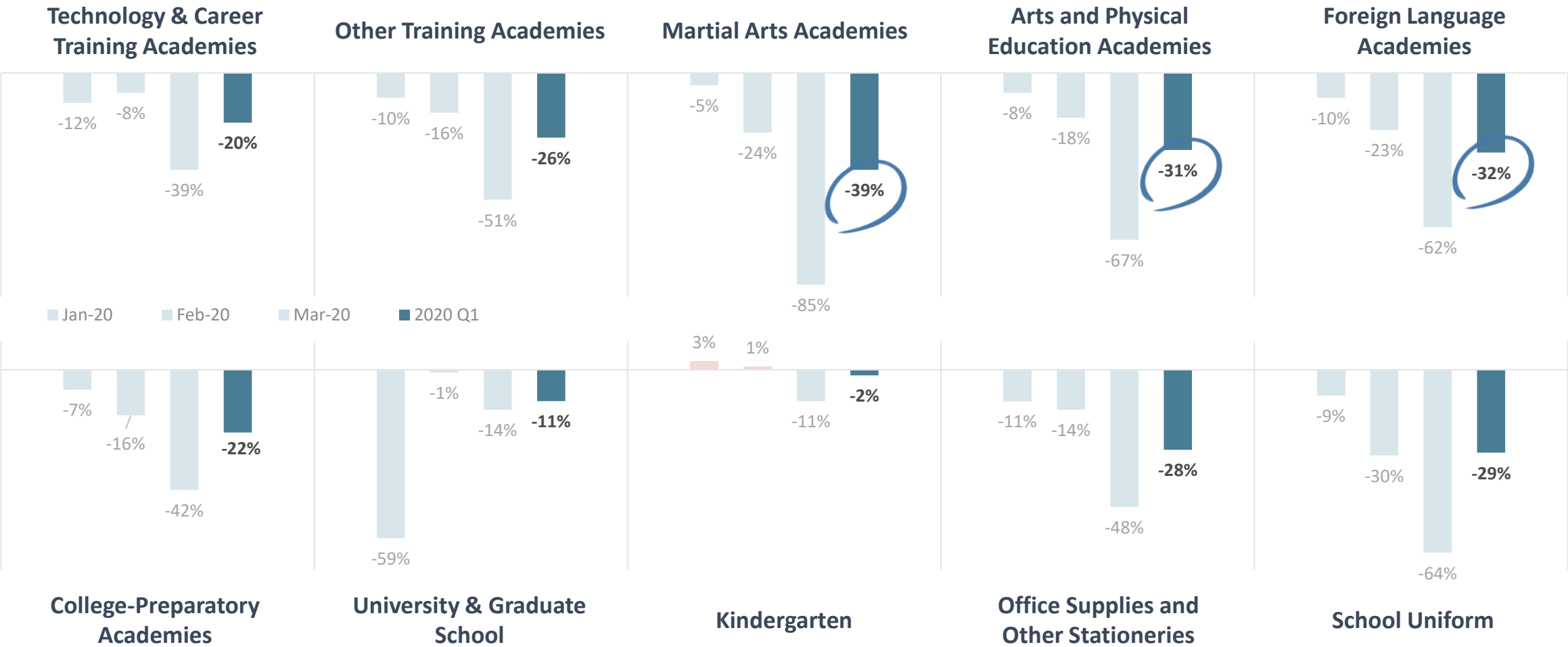
② Decreased Expenditure on Hobbies even if Working from Home

- Sales of various hobby-related industries such as musical instrument stores, photo studios, and arts/antiques **decreased**.
- Sales of video/records and books that can be enjoyed at home **decreased** as well.



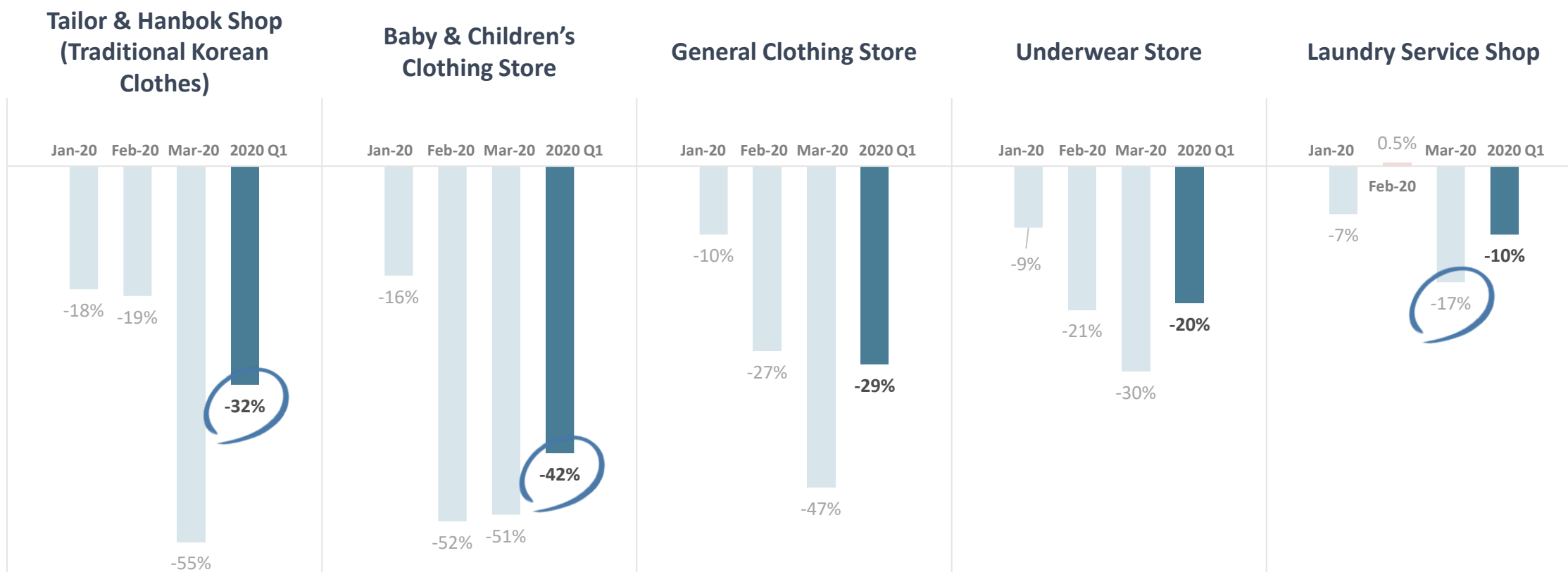
Decreased Sales of Various Private After-School Academies

- Sales of martial arts, foreign language, and arts & physical education academies **decreased** significantly compared to last year



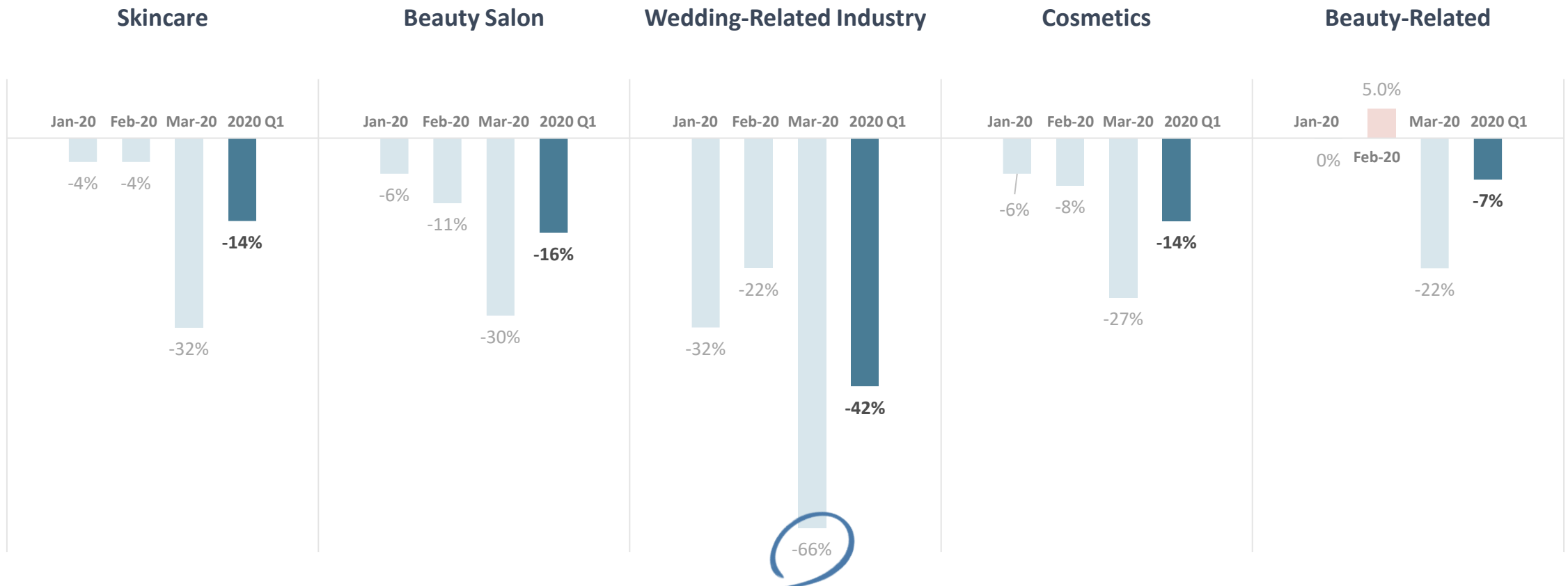
Decreased Sales of Tailor/Hanbok Shop and Baby/Children's Clothing Store

- Sales of Tailor & Hanbok and Baby & Children's clothing store **decreased** by -32%, -42% respectively in the 1st quarter of the year. The sales of laundry shop also **decreased** in March despite its peak season in spring.



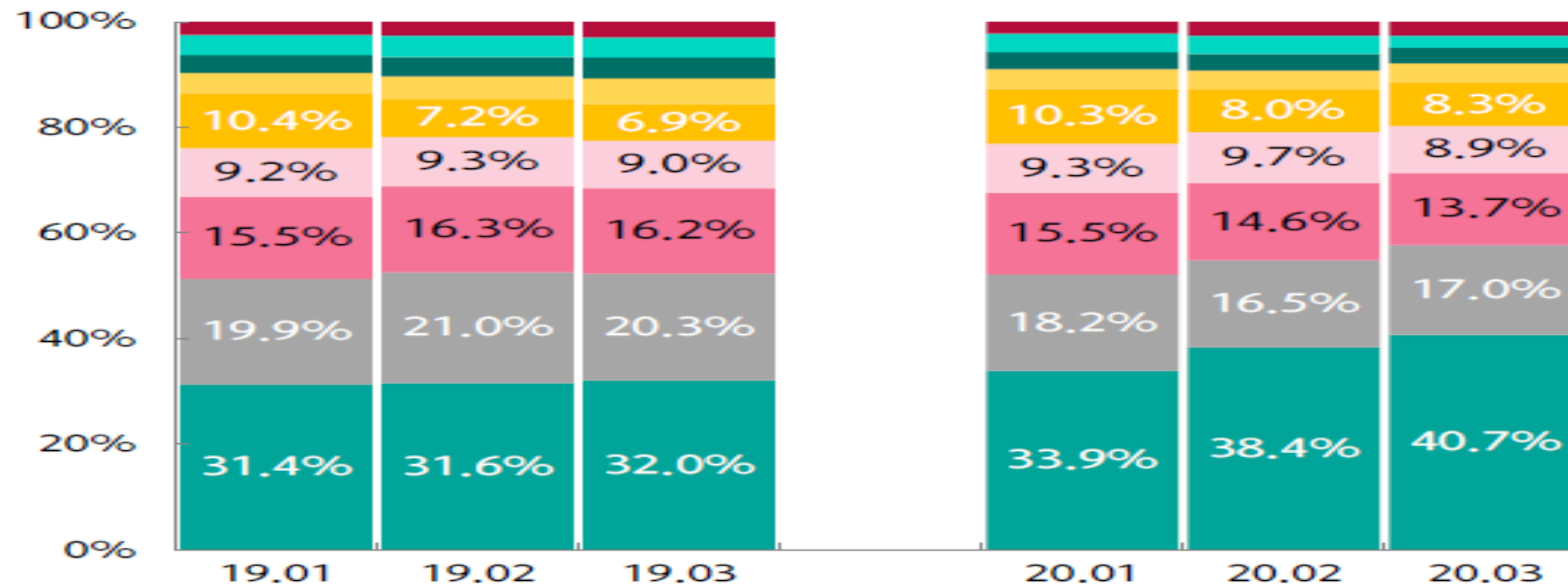
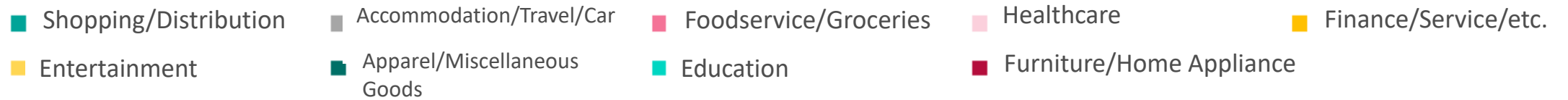
Decreased Sales of the Wedding-Related Industry

- Sales of beauty-related business decreased, especially for the wedding-related industry by -66% in March, by -42% down in the 1st quarter of the year compared to the previous year



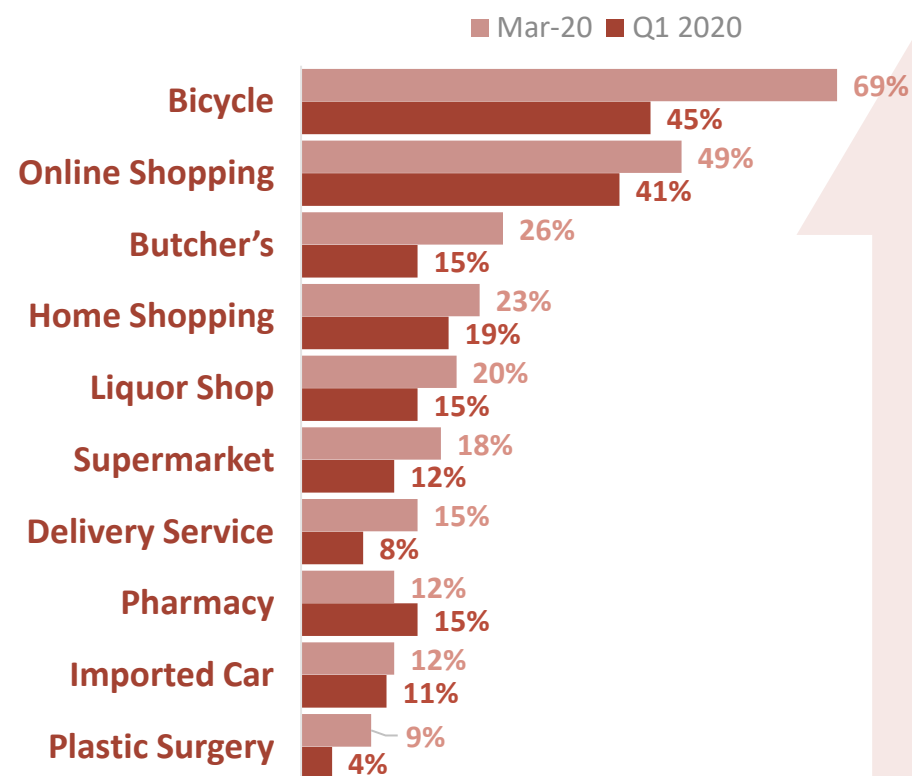
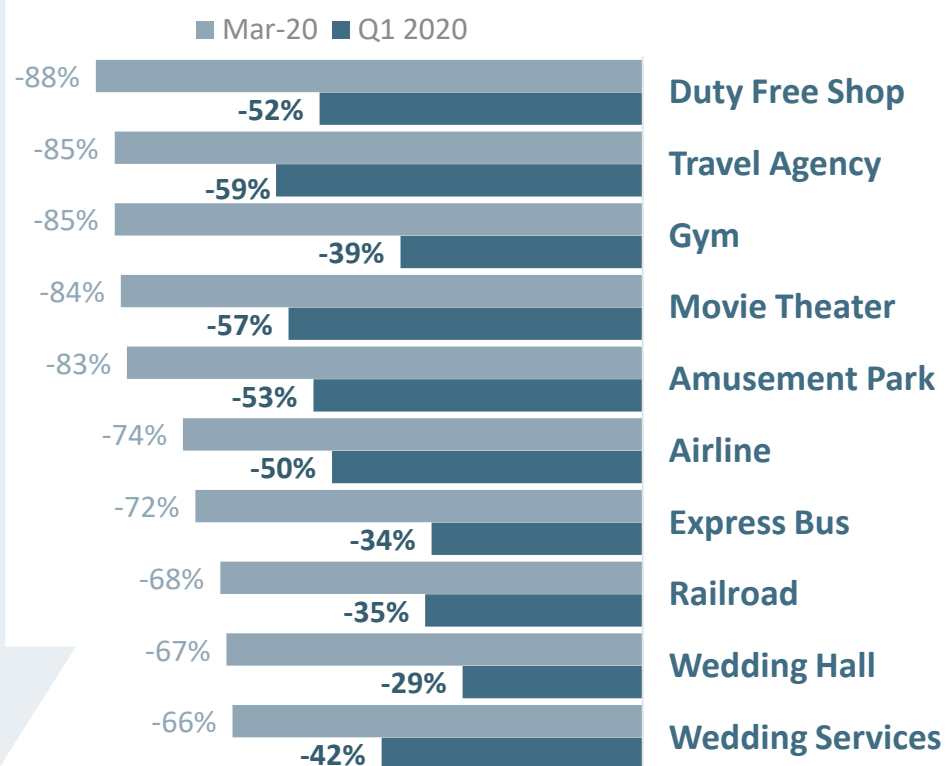
Sales Comparison by Sub-Sectors: Q1 2019 vs Q1 2020


- The **largest increasing sales** industry is **distribution** due to the growth rate of **online shopping** during COVID-19.
- Before COVID-19, the travel/accommodation was the largest sales increasing industry.



TOP 10 Industry's Sales Growth post COVID-19

- Travel-related industries showed the largest loss in sales in March, when the total confirmed cases reached its peak.
- Of which the highest sales occurred due to COVID-19 are bicycle, online shopping and food-related industries.



An aerial, top-down view of a car assembly plant. The image shows numerous cars arranged in neat, parallel rows on a light-colored floor. The cars are in various colors, including blue, red, and white. The perspective is from directly above, looking down at the production area.

I N D U S T R Y
U P D A T E S

DIGITALIZATION

'Untact' Market Expected to Skyrocket

According to data released by Statistics Korea, South Korea's monthly online shopping transaction valued marked \$12.0 billion in April 2020, up 12.5% from the same month a year ago. Top 5 items are Food & Beverage (12.7%), Home Electric Appliances (11.5%), Food Services (10.5%), Apparels (9.9%), and Household goods (9.1%)

Source: [Statistics Korea](#)

ONLINE SHOPPING:

Total \$12.0 billion
(Transaction Value in April)

Food & Beverage	Home Electric Appliances	Food Services	Apparels	Household goods
\$1.52 billion	\$1.37 billion	\$1.26 billion	\$1.18 billion	\$1.08 billion
12.7%	11.5%	10.5%	9.9%	9.1%

MOBILE SHOPPING:

\$6.7 billion
April 2019

18.4%

\$7.9 billion
April 2020

Many restaurants have been changed to order menus through kiosk which customers can order their food without face-to-face.



Image Source: [Donga](#)



Image Source: [mcnews](#)

South Korea's one of the top-notch conglomerate companies, Samsung held their first time ever online Global Samsung Aptitude Test (GSAT) on May 30th and 31st. Many companies started to do the job interviews via online.

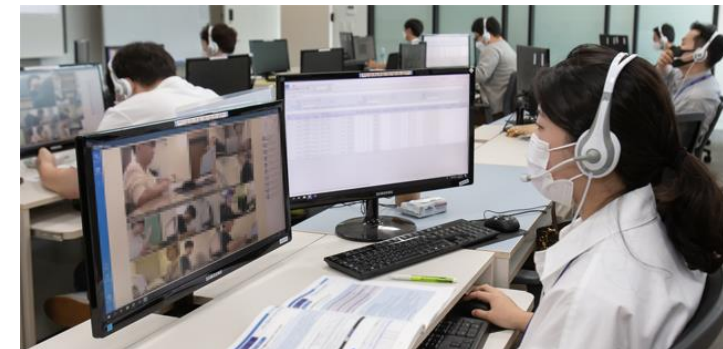


Image and Information Source: [Donga](#)

Changes in Local Community

- Value Chain structure and Untact Trend change the community and develop the **local community revitalization**.
- Neighborhood Marketplace develops Local Community BIGGER and BIGGER

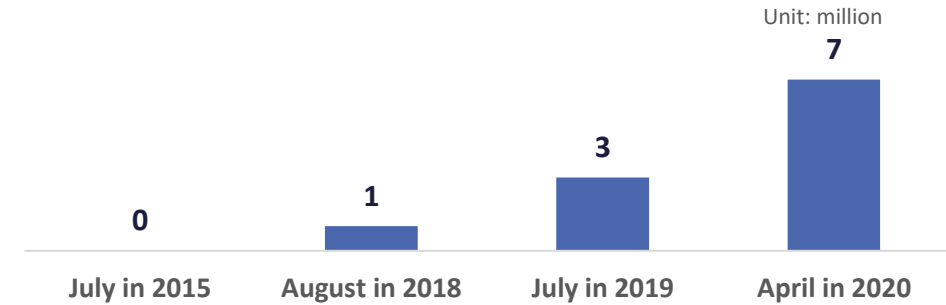
ex) Danggeun Market

- The largest Korean secondhand and neighborhood marketplace / community app. This app is for **enhancing a local community** with active exchanges by helping to connect with neighbors.



Image Source: [Danggeun Market](#)

Monthly Active Users of Danggeun Market



MAU (Monthly Active Users) of Danggeun Market App reached 7 million in April this year. It took 4 years to reach 3 million since it launched, but in a few months it increased over 4 million recently.

Source: May 6, 2020, [Platum](#)

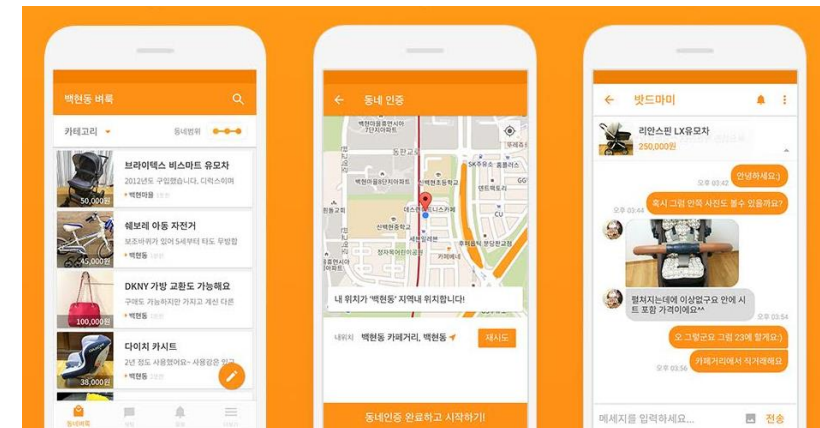


Image Source: [Danggeun Market](#)

E-Education/ E-Learning

1. Virtual and mixed reality technology

- Need to have virtual and mixed reality technology for the user's sensory information including visual, tactile and motion recognition

2. E-learning system with AI and big data

- AI and big data analyzes learners' existing data in real time and adjust the difficulty level to provide customized educational level

3. High-capacity communication technology

- Network technology that delivers large amounts of content to a number of learners quickly and stably

Source: Ministry of Science and ICT, Korea Institute of S&T Evaluation and Planning

Image Source: June 3, 2020. IT dongA



E-Learning

Virtual School



Image Source: May 16, 2020, Seyye Ilbo

news1

“Virtual” becoming New Normal

Real life environments blended with VR/VR

The size of the VR Market is expected to grow 33.4% annually from \$7.9 billion in 2018 to \$44.68 billion in 2024 (From the Research Firm, MarketsandMarkets) For South Korea's VR market is expected to grow 36.6% annually from \$388 million in 2018 to \$2.53 billion in 2024. Many researchers argued that after COVID-19, VR/AR will be even more blended into our real life environments.

- Creating Digital Avatar of yourself to attend an office via Virtual Reality
- Virtual Reality at Game Industry
- E-learning
- Healthcare such as; allow patients to be taken through their surgical plan by virtually step by step
- Entertainment such as; art museums, theaters, Music concerts and others help to attract a broad audience



Studio Virtual Audience
on TV Broadcast



Image Source: SBS TV Show



Image Source: MK

South Korea's one of the largest telecommunication companies, SK Telecom currently working with Microsoft to operate a 'Jump Studio' which it is a digital content production studio that enables creators to produce "Mixed Reality"






*Mixed Reality is combined Real & Virtual worlds to produce new environments and technologies

“Virtual” becoming New Normal

‘Zoom’ rated the best video chat app, followed by Skype, Google meet, and Microsoft Teams

Virtual Meeting

According to a big data analysis company IGAWorks released at the end of April that the number of users of major video conferencing apps (based on the number of monthly users) increased 8.4 times in two months from just 314,000 in February to 1.2 million in March and 2.627 million in April. (This is based on a survey of Android and tablet PCs in Korea).

RANK		APP PLATFORM	TOTAL INSTALLATION (As of April 30 th)
1		Zoom	2,073,276
2		Skype	742,543
3		Google Meet	239,231
4		Microsoft Teams	198,792
5		Cisco Webex	181,173



Source: [Mobile Index](#)

Image Source: [MK](#)

Bringing Technologies into Health Industry

Telemedicine/ Telehealth

In South Korea, telemedicine service has not been available across the nation due to strong opposition from doctors. Many doctors claimed that telemedicine service may lead to misdiagnoses and data theft; in addition, service plan may hurt smaller clinics since patients will be able to get help virtually through large hospital. However, due to the COVID-19, South Korean government temporarily eased restrictions on telemedicine to treat COVID-19 patients.

And now, the Korean Hospital Association (KHA) announced on June 5th that telemedicine became irreversible global trend and serves to the convenience of health service users and protection of public health especially during the COVID-19.

Source: June 04,, 2020 [MK](#)



Image Source: [Goyang](#)



Source: May 18th, 2020 [Busan Newspaper](#), Feb 10th, 2020 [Chosun](#), June 10th, 2020 [DongA](#)

Connect with technologies

- Utilize a Virtual Reality to develop rehabilitation solution that would enable intensive rehabilitation training for patients
- Use VR technology tool to train surgeons; moreover, utilize VR to explain surgical planning to educate patients
- KT Telecom announced that they will soon to be made application to analyze the food type, nutrition, calories to help diabetics monitor their food consumption.
- SK Telecom plans to work with companies to develop differentiated ICT-based senior care services that provide the elderly with care 24/7.

AUTOMATION

AI & Robot Technology & Service with New Normal



Temperature Screening Robot at School

Secho district office in Seoul has deployed "artificial intelligence (AI) robots" equipped with infrared cameras and facial recognition technology in 51 elementary, middle and high schools from June.

Source: June 4, 2020/ [Kookmin Daily](#)



Combining RPA with AI for Banking Service

LG CNS has combined robot process automation (RPA) with artificial intelligence (AI) to implement the country's first automated payment transfer service at banks from June of 2020

Source: June 4, 2020/ [Chosun Daily](#)



World's First 24-Hour Unmanned Coffee Shop

"Storant", the world's first 24-hour unmanned coffee shop, opened in Daejeon Metropolitan City, Korea on May 15. Robots receive orders, make coffee and deliver drinks to customers at the coffee shop.

Source: May 20, 2020/ [Kyunghyang Daily](#)

Unmanned Stores with New Normal



No-Cashier CVS Chains

- **GS 25** - Operating 90 cashier-less convenience store with QR Code
- **Emart 21** – Introducing Application Payment System with Just Walk Out technology for operating unmanned stores
- **SevenEleven** – World's first convenience store using Bio Pay System

Source: June 9, 2020/ [Newsis](#)

Unmanned Cafeteria

Pulmuone, one of major food companies in Korea, introduced “Chul Chul Box”, unmanned food selling platform, targeted to cafeterias, cafes and rest areas.

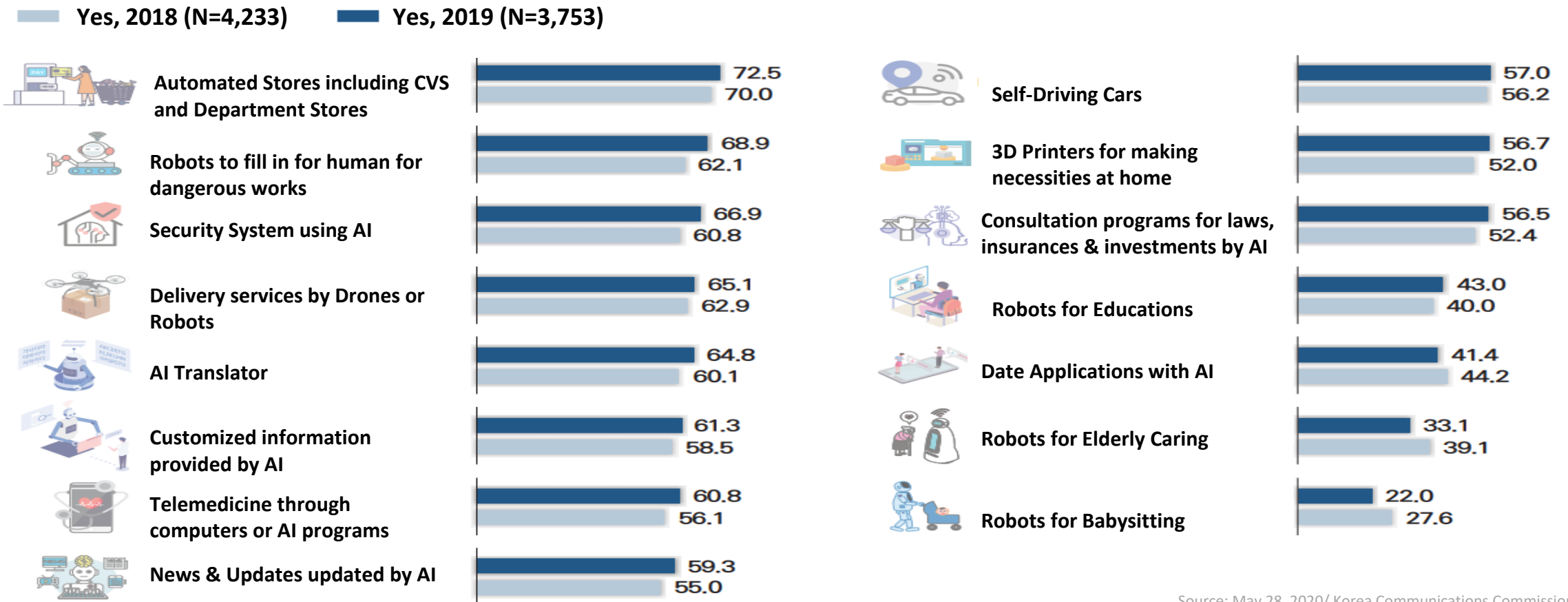
Using IoT and ICT, this platform provides fresh & packaged foods including sandwiches or HMRs through ‘Smart Vending Machines’ without any labor force. Its first store is opened at cafeterias and cafes of Seoul Metropolitan Police Agency in May.



Source: May 28, 2020/ [Financial News](#)

Consumer Survey on Using the AI Technologies & Services

Korea Communications Commission conducted the annual consumer survey on Artificial Intelligence (AI) Information Service and according to the survey result, it is reported that Korean consumers are willing to actively use AI related-services. For the question of **‘Will you use AI technologies and services, if they are available?’**, the result shows that more respondents want to use **unmanned stores and robot-related services**, compared to the previous year’s.



Manufacturing Automation

This unexpected Pandemic has been changed the manufacturing and mobility system all over the world.
“Untact culture” has been expanding since the COVID-19 and it will continue to accelerate.



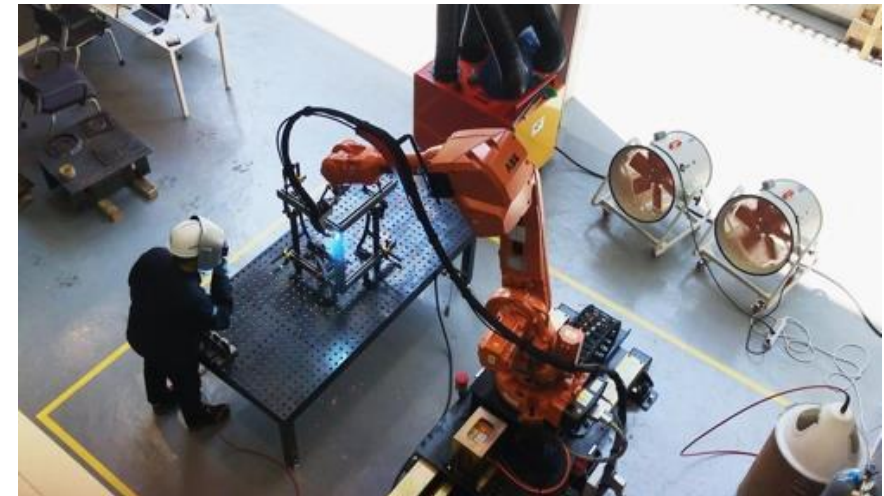
CJ Logistics – involved in development of Logistics robots to ease manual work

COVID-19 Pandemic sent many employees staying at home. CJ Logistics, one of the biggest logistic companies in Korea, has been selected for a state project to develop an unmanned working system and has adopted a virtual AI system to improve service quality and efficiency by delivery workers.

Source: June 5, 2020. [Aju Business Daily](#)

Increasing robot-based manufacturing and service industry, along with automated system.

Korean global companies, Hyundai Engineering & Construction and POSCO, began adopting AI-equipped industrial robots at their sites. Robots and automation have expanded their territory in offices and factories to carry out repetitive tasks.



Source: May 29, 2020. [Yonhap News](#)

AUTOMATION

Mobility System



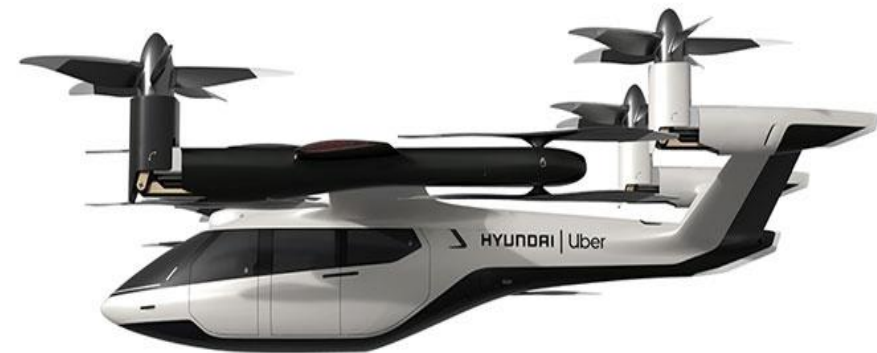
Hyundai and Uber Announce Aerial Ridesharing Partnership

Hyundai Motor and Uber decided to form a strategic partnership to develop Uber Air Taxi at the Consumer Electronics Show(CES) in 2020.

Source: June 4, 2020. [Hyundai Motor](#)

South Korea Plans to Launch Air Taxi Service by 2025.

Seoul Metropolitan Government announced on June 2020 that a flying taxi will be launched within the next 5 years.



Source: June 4, 2020. [Korea Net](#)

A Drone Delivery Service in South Korea

Autonomous Drone Taxis and Drone Delivery for Packages

1. **Drone delivery service for packages** to remote areas is expected to commercialize in South Korea by 2021 as un-tact trends spread in our lives with COVID-19.
2. Customers will be able to place orders for necessities through the convenience store chain mobile app and **have the items delivered by drone**. The Ministry of Trade, Industry and Energy (MOTIE) has invested **\$29.5 Million** in the drone service business by 2022.
3. **UAM (Urban Air Mobility)** services, the new-concept autonomous drone taxis, will be available around 2035 at a reasonable price. K-UAM Grand Challenge budget will include in next year so that it can support any companies with a demand for drone delivery.

Source:

June 9, 2020. [TV Chosun](#)

June 8, 2020. [Munhwa Ilbo](#)

June 3, 2020. [Ministry of Trade, Industry and Energy \(MOTIE\)](#)



Image Source: June 8, 2020. [DailyAhn](#)

SMART FACTORY

“Smart Factory” is the Key to Improve Productivity



Image Source: February 3, 2020 [Smart City Today](#)

- Smart Manufacturing Innovation Promotion Organization which is the Korean government agency, the goal is to build **30,000 smart factories for small and medium-sized companies by 2022**.
- The Ministry of SMEs and Startups, the KBIZ Korea Federation of SMEs and Samsung Electronics' Smart Factory Support Center work together for a **Smart Factory Supply Project** for SMEs.

- One of the success cases of this project is a manufacturer of COVID-19 testing kits, SolGent. It has increased both production quality and quantity since last month after introduction of smart factory system.
 1. Improved the packaging process
 2. Reduced logistics traffic line distance from 148m to 98m
 3. Introduction of automated facilities such as reagent injection, labeling and bar code system
- **Productivity (73% ↑) / Defect rate (40% ↓) / Logistics Traffic line (34% ↓)**



Minister of Ministry of SMEs and Startups and director of Samsung Electronics' Center visited SolGent's Smart Factory.

Source: [Ministry of SMEs and Startups](#), June 10, 2020. Hankookilbo

“Smart Village” Supply and Spread Project

- **Smart Village** is a slightly different concept from Smart City. It **strengthens convenience and safety of movement** by creating compact villages in small and medium-sized cities and farming and fishing villages.
- Smart Village project is one of the main national projects by Ministry of Science and ICT (MSIT) in 2020. MSIT announced that they **will focus on the project to supply and spread Smart Village** in Korea and invest approximately \$7 million.
- It is expected that various Smart technologies improve the living environment of farming and fishing villages, and it will also **contribute to new market development and job creation**.

Source: [Ministry of Science and ICT](#)



Image Source: March 17, 2020. [dtoday](#)

Image Source: May 29, 2020 [Ministry of Science and ICT](#)



↑ Concept image of Smart Village in Jeju

There are four areas are selected for this projects in Jeju-si, Gimhae-si, Wanju-gun and Gangjin-gun.

“Smart Farm”: One of Most Promising Sector

According to the Federation of Korean Industries research, **Smart Farm ranked 4th in the promising industry** in Post COVID-19 Era.

- **Smart Farm** is selected as one of the leading projects for innovative **growth** by the Korean government. For this project, government decided to promote the development of young farmers, establishment of infrastructure for the industry and also related R&D with the Smart Farm Innovation Valley as its base.
- Ministry of Agriculture, Food and Rural Affairs is planning to **build 5,750 Smart Farms** and **4 Smart Farm Innovation Valley** by 2022.

Source: [Ministry of Agriculture, Food and Rural Affairs](#)



Image Source: [Ministry of Agriculture, Food and Rural Affairs](#)

Bird's eye view of Smart Farm Innovation Valley



- A large Smart Farm Platform will build in the empty property in the urban area in Seoul.
- There will be available to **produce vegetables 365 days a year** using LED lighting and hydroponic cultivation technology with the Smart Farm System.

Source: January 3, 2020. [ChosunBiz](#)



S T A Y S A F E & H E A L T H Y

This material is distributed to update the latest news in South Korea by referring to news articles, policy briefings, and direct interviews with local market players. If you have any questions regarding the updates, please contact us at:

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