# The Index of Services and the Retail Sales Index by Province in the Fourth Quarter of 2023 

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## The Index of Services and the Retail Sales Index by Province in the Fourth Quarter of 2023

## (Index of Services by province)

In the fourth quarter of 2023, 7 regions recorded a year-on-year increase in the Index of Services. 1 region remained the same year-on-year. Whereas, 9 regions recorded a year-on-year decrease.
O Incheon (4.0\%), Gwangju (2.9\%) and Daejeon (2.5\%) showed a year-on-year increase owing to the relatively favorable trend in 'Human health and social work activities', 'Membership organizations, repair and other personal services' and 'Professional, scientific and technical activities'.

O Jeju (-3.8\%), Chungbuk ( $-2.2 \%$ ) and Gangwon (-1.8\%) showed a year-on-year decrease owing to the relative slump in 'Business facilities management and business support services; rental and leasing activities', 'Wholesale and retail trade' and 'Financial and insurance activities'.

- Jeju marked a year-on-year decrease in 'Information and communication' (-28.5\%),
'Accommodation and food service activities' ( $-17.4 \%$ ) and 'Wholesale and retail trade' ( $-6.0 \%$ ).
- Chungbuk marked a year-on-year decrease in 'Business facilities management and business support services; rental and leasing activities ( $-11.7 \%$ ), 'Accommodation and food service activities' (-12.8\%) and 'Arts, sports and recreation related services' (-11.8\%).
- Gangwon marked a year-on-year decrease in 'Professional, scientific and technical activities' (-12.6\%), 'Business facilities management and business support services; rental and leasing activities' ( $-8.7 \%$ ) and 'Financial and insurance activities' ( $-3.1 \%$ ).


## (Retail Sales Index by province)

In the fourth quarter of 2023, 6 regions recorded a year-on-year increase in the Retail Sales Index. Whereas, 11 regions recorded a year-on-year decrease in the Retail Sales Index.

O Daejeon (4.7\%), Busan (3.5\%), Incheon (3.2\%) and Sejong (3.1\%) showed a year-on-year increase owing to the rise in 'Passenger cars \& fuel stores' and 'Specialized stores'.
O Jeonnam (-7.3\%), Jeju (-6.4\%), Gyeongnam (-5.9\%) and Gyeonggi (-5.7\%) showed a year-on-year decrease owing to the drop in 'Specialized stores' and 'Supermarkets, convenient stores and other retail sale in non-specialized stores'.

- Jeonnam recorded a year-on-year decrease in 'Specialized stores' (-8.6\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' ( $-4.7 \%$ ).
- Jeju recorded a year-on-year decrease in 'Specialized stores' (-15.7\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' ( $-3.2 \%$ ).
- Gyeongnam recorded a year-on-year decrease in 'Specialized stores' (-8.4\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' ( $-7.2 \%$ ).
- Gyeonggi recorded a year-on-year decrease in 'Specialized stores' (-9.5\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-8.8\%).

Major indicators in the fourth quarter of 2023

| Metropolitan cities and provinces | Index of Services |  |  |  |  |  |  | Retail Sales Index |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | 4Q ${ }^{\text {P }}$ |
| Seoul | 6.9 | 7.2 | 5.8 | 10.5 | 6.1 | 5.2 | 1.9 | -1.0 | -5.1 | -3.3 | 0.7 | -3.2 | -5.6 | -5.0 |
| Busan | 4.8 | 3.9 | 1.1 | 4.3 | 0.8 | 0.2 | -0.7 | -0.2 | -1.9 | 3.5 | 4.1 | 4.5 | 2.0 | 3.5 |
| Daegu | 3.9 | 3.2 | 1.7 | 5.1 | 0.9 | 0.5 | 0.4 | -0.6 | -2.7 | -3.1 | -0.1 | -5.0 | -4.8 | -2.6 |
| Incheon | 8.5 | 8.3 | 6.9 | 10.2 | 7.4 | 6.1 | 4.0 | 2.2 | 1.2 | -0.3 | -4.2 | -2.0 | 1.4 | 3.2 |
| Gwangju | 4.9 | 3.2 | 3.6 | 5.0 | 2.2 | 4.4 | 2.9 | -2.1 | -3.4 | -0.8 | 4.1 | -4.8 | -0.8 | -1.2 |
| Daejeon | 6.4 | 4.7 | 3.8 | 7.3 | 3.5 | 2.6 | 2.5 | 0.5 | -5.2 | 5.2 | 8.2 | 5.7 | 2.5 | 4.7 |
| Ulsan | 5.6 | 5.6 | 3.0 | 6.4 | 2.0 | 1.9 | 2.1 | -1.5 | -1.5 | 2.7 | 6.8 | 3.0 | -0.6 | 1.3 |
| Sejong | 6.3 | 5.1 | 0.0 | 2.5 | -1.8 | 0.4 | -0.9 | -0.7 | -3.1 | -0.4 | -5.2 | -0.9 | 1.3 | 3.1 |
| Gyeonggi | 7.3 | 4.8 | 1.8 | 5.8 | 0.6 | 0.7 | 0.4 | -0.1 | -0.4 | -4.0 | -0.7 | -3.8 | -5.4 | -5.7 |
| Gangwon | 6.4 | 5.1 | 0.5 | 6.4 | -0.4 | -1.0 | -1.8 | -0.7 | -1.2 | 3.3 | 11.8 | 1.9 | 0.2 | 0.3 |
| Chungbuk | 5.8 | 4.7 | 1.0 | 5.5 | 0.7 | 0.3 | -2.2 | -1.9 | -1.3 | 1.2 | 4.1 | 2.5 | 0.7 | -1.9 |
| Chungnam | 5.7 | 5.6 | 1.4 | 5.4 | 1.3 | 0.0 | -1.0 | -0.8 | 0.9 | -1.0 | 1.8 | -0.4 | -2.7 | -2.7 |
| Jeonbuk | 5.8 | 6.0 | 2.6 | 6.7 | 1.3 | 2.6 | -0.1 | -0.9 | -0.7 | 0.6 | 2.7 | 3.4 | -2.4 | -1.6 |
| Jeonnam | 5.3 | 3.8 | 0.9 | 5.3 | 0.8 | -1.4 | -0.5 | -1.5 | -2.1 | -4.7 | -0.6 | -4.7 | -5.9 | -7.3 |
| Gyeongbuk | 5.6 | 4.5 | 2.1 | 6.3 | 1.9 | 0.4 | 0.0 | -0.2 | 0.5 | 2.6 | 10.5 | 2.8 | 0.6 | -2.5 |
| Gyeongnam | 7.9 | 5.9 | 1.1 | 6.2 | -0.3 | 0.1 | -1.5 | 2.5 | 5.9 | -1.7 | 1.1 | 1.5 | -3.3 | -5.9 |
| Jeju | 10.5 | 5.7 | -1.2 | 4.0 | -2.1 | -2.2 | -3.8 | 0.6 | -4.4 | -6.3 | -4.9 | -7.4 | -6.3 | -6.4 |
| The nation | 6.7 | 5.8 | 2.9 | 6.4 | 2.3 | 1.9 | 1.1 | -0.3 | -2.3 | -1.4 | -0.4 | -0.2 | -2.8 | -2.4 |

< Year-on-year percent change in the Index of Services (\%) >


Note) The figures of the nation include "Retail Sales not in Stores". In the meantime, the figures of metropolitan cities and provinces exclude "Retail Sales not in Stores".

## The Index of Services and the Retail Sales Index by Province in the Fourth Quarter of 2023

## 1. Seoul

## Index of Services

In the fourth quarter of 2023, the Index of Services for Seoul grew by 1.9\% year-on-year, which was $3.3 \%$ p lower compared to a $5.2 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 123.7 | 121.4 | 123.7 | 115.3 | 118.8 | 118.0 | 123.7 |  |
| Year-on-year |  | 6.9 | 7.2 | 5.8 | 10.5 | 6.1 | 5.2 | 1.9 | - |
| - Wholesale and retail trade | 243.3 | 2.0 | 0.5 | -1.5 | 2.1 | -2.3 | -2.5 | -3.2 | -0.70 |
| - Transportation and storage | 51.7 | 39.0 | 30.6 | 25.9 | 44.8 | 24.4 | 22.2 | 16.8 | 1.20 |
| - Accommodation and food service activities | 25.1 | 21.1 | 15.5 | 6.1 | 24.1 | 3.0 | 1.4 | -0.4 | -0.01 |
| - Information and communication | 111.7 | 6.5 | 2.0 | 2.6 | 3.4 | 2.4 | 0.9 | 3.9 | 0.43 |
| - Financial and insurance activities | 235.3 | 3.5 | 8.9 | 7.6 | 12.5 | 9.1 | 9.1 | 0.3 | 0.08 |
| - Real estate activities | 56.3 | 2.7 | 10.4 | 18.1 | 29.2 | 21.5 | 15.4 | 8.5 | 0.46 |
| - Professional, scientific and technical activities | 91.2 | 2.8 | 0.9 | 2.0 | 0.6 | 3.3 | 3.2 | 0.9 | 0.08 |
| - Business facilities management and business support services; rental and leasing activities | 53.7 | 4.2 | 3.1 | -1.8 | 0.2 | -2.5 | -2.7 | -2.4 | -0.12 |
| - Education | 40.0 | 3.1 | 3.3 | -1.5 | 4.8 | -1.4 | -3.8 | -5.5 | -0.20 |
| - Human health and social work activities | 62.9 | 7.9 | 10.5 | 8.7 | 10.3 | 7.7 | 11.6 | 5.4 | 0.33 |
| - Arts, sports and recreation related services | 10.5 | 80.8 | 61.6 | 9.2 | 29.7 | 15.7 | -3.7 | 3.9 | 0.10 |
| - Membership organizations, repair and other personal services | 16.5 | 5.9 | 4.3 | 20.9 | 27.2 | 21.6 | 19.7 | 17.2 | 0.31 |
| - Water supply; sewage, waste management, materials recovery | 1.9 | -7.2 | -7.5 | 0.9 | 6.5 | 8.7 | -6.9 | -3.8 | -0.01 |

## Retail Sales Index

$\square$ In the fourth quarter of 2023, the Retail Sales Index of Seoul went down by $5.0 \%$ year-on-year, which was $0.6 \%$ p higher compared to a $5.6 \%$ decrease in the third quarter of 2023.

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 105.6 | 109.0 | 102.1 | 102.5 | 103.3 | 99.2 | 103.5 |  |
| Year-on-year |  | -1.0 | -5.1 | -3.3 | 0.7 | -3.2 | -5.6 | -5.0 |  |
| - Department stores | 112.6 | 7.0 | -3.9 | 6.7 | 0.9 | 7.1 | 8.3 | 10.1 | 1.45 |
| - Large discount stores | 62.8 | -4.4 | -1.6 | 2.4 | -1.0 | 3.6 | 3.8 | 3.2 | 0.17 |
| - Duty-free shops | 128.8 | -10.1 | -14.1 | -34.8 | -39.9 | -32.9 | -36.3 | -30.1 | -3.82 |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 143.9 | 0.5 | -1.5 | -0.9 | -0.4 | -3.3 | -0.1 | 0.3 | 0.04 |
| - Passenger cars \& fuel stores | 144.0 | -3.4 | 5.1 | 3.5 | 13.1 | 8.3 | -0.6 | -4.3 | -0.59 |
| - Specialized stores | 407.9 | 1.2 | -7.0 | -0.4 | 10.6 | -2.2 | -4.9 | -4.8 | -1.98 |

## 2. Busan

## Index of Services

In the fourth quarter of 2023, the Index of Services for Busan fell by $0.7 \%$ year-on-year, which turned into a decrease from a $0.2 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 112.2 | 113.0 | 112.2 | 109.2 | 110.8 | 109.4 | 112.2 |  |
| Year-on-year |  | 4.8 | 3.9 | 1.1 | 4.3 | 0.8 | 0.2 | -0.7 |  |
| - Wholesale and retail trade | 215.3 | 2.8 | 1.3 | -0.1 | 4.2 | -0.9 | -2.0 | -1.6 | -0.34 |
| - Transportation and storage | 124.0 | 4.8 | -3.6 | -2.7 | -4.1 | -4.7 | -3.8 | 2.0 | 0.25 |
| - Accommodation and food service activities | 44.4 | 24.9 | 19.8 | -3.9 | 16.5 | -8.3 | -10.3 | -7.9 | -0.43 |
| - Information and communication | 37.9 | 7.6 | 3.0 | -2.9 | 1.6 | -3.1 | -6.2 | -3.5 | -0.14 |
| - Financial and insurance activities | 128.7 | 3.5 | 8.5 | 5.0 | 14.0 | 7.2 | 1.5 | -1.5 | -0.19 |
| - Real estate activities | 73.3 | -0.6 | 3.7 | 13.5 | 15.3 | 14.6 | 19.8 | 5.3 | 0.38 |
| - Professional, scientific and technical activities | 60.1 | 2.5 | 7.1 | -17.3 | -16.9 | -13.9 | -18.0 | -20.4 | -1.15 |
| - Business facilities management and business support services; rental and leasing activities | 54.1 | 4.0 | 1.9 | 6.4 | 8.5 | 7.4 | 6.3 | 3.7 | 0.21 |
| - Education | 89.0 | -1.4 | -2.5 | -0.5 | -1.4 | -0.4 | 1.0 | -1.0 | -0.08 |
| - Human health and social work activities | 132.6 | 7.9 | 5.5 | 3.9 | 4.6 | 4.7 | 2.4 | 4.3 | 0.56 |
| - Arts, sports and recreation related services | 10.4 | 43.5 | 43.9 | 15.6 | 27.4 | 3.5 | 26.6 | 11.2 | 0.22 |
| - Membership organizations, repair and other personal services | 20.0 | -0.9 | -1.1 | 4.8 | 8.5 | 2.8 | 5.9 | 2.6 | 0.05 |
| - Water supply; sewage, waste management, materials recovery | 10.3 | -5.2 | -4.1 | 1.2 | 1.5 | 1.4 | 2.5 | -0.9 | -0.01 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Busan went up by 3.5\% year-on-year, which was $1.5 \%$ p higher compared to a $2.0 \%$ increase in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 106.6 | 110.1 | 110.3 | 106.7 | 112.3 | 108.2 | 113.9 |  |
| Year-on-year |  | -0.2 | -1.9 | 3.5 | 4.1 | 4.5 | 2.0 | 3.5 |  |
| - Department stores | 106.8 | 11.1 | 0.1 | 3.1 | 3.3 | 1.8 | 0.1 | 6.8 | 0.92 |
| - Large discount stores | 89.7 | -7.3 | -1.1 | -1.4 | -5.0 | -0.8 | 3.8 | -3.6 | -0.27 |
| - Duty-free shops | 11.2 | -0.6 | 32.7 | 85.6 | 62.6 | 56.2 | 84.0 | 131.9 | 0.91 |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 160.6 | 0.2 | -5.3 | -9.0 | -9.6 | -9.4 | -10.2 | -6.8 | -0.89 |
| - Passenger cars \& fuel stores | 261.0 | 1.8 | 6.8 | 5.0 | -0.2 | 7.9 | 6.4 | 5.3 | 1.54 |
| - Specialized stores | 370.7 | -4.7 | -9.8 | 8.8 | 15.5 | 10.0 | 3.8 | 5.9 | 2.09 |

## 3. Daegu

## Index of Services

In the fourth quarter of 2023, the Index of Services for Daegu grew by $0.4 \%$ year-on-year, which was $0.1 \%$ p lower compared to a $0.5 \%$ increase in the third quarter of 2023.

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | $1 Q$ | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index of Services | 1000.0 | 113.3 | 112.9 | 113.3 | 108.8 | 111.0 | 110.0 | 113.3 |  |
| Year-on-year |  | 3.9 | 3.2 | 1.7 | 5.1 | 0.9 | 0.5 | 0.4 |  |
| - Wholesale and retail trade | 221.0 | 2.5 | 0.8 | -2.8 | 0.8 | -4.5 | -3.3 | -4.3 | -0.92 |
| - Transportation and storage | 49.8 | -0.2 | -6.0 | 6.9 | 1.3 | 8.5 | 5.9 | 11.3 | 0.51 |
| - Accommodation and food service activities | 46.4 | 16.4 | 7.5 | 6.4 | 20.3 | 4.4 | 2.9 | 0.8 | 0.04 |
| - Information and communication | 41.5 | 3.2 | -0.7 | 0.1 | 2.0 | -4.2 | -3.9 | 6.8 | 0.26 |
| - Financial and insurance activities | 154.8 | 5.8 | 13.5 | 3.3 | 11.5 | 5.7 | 1.4 | -4.3 | -0.71 |
| - Real estate activities | 66.8 | -6.4 | -11.4 | 1.7 | 2.2 | -0.8 | 2.6 | 2.6 | 0.15 |
| - Professional, scientific and technical activities | 53.6 | 0.4 | -2.3 | -0.3 | 7.5 | -2.8 | -0.9 | -4.1 | -0.19 |
| - Business facilities management and business support services; rental and leasing activities | 51.4 | 1.1 | -2.4 | 3.3 | 0.4 | 2.0 | 4.4 | 6.5 | 0.30 |
| - Education | 99.1 | 0.2 | 0.2 | -1.6 | -0.9 | -1.2 | -2.1 | -2.2 | -0.20 |
| - Human health and social work activities | 165.0 | 7.2 | 7.6 | 5.7 | 5.9 | 4.1 | 6.8 | 6.0 | 1.05 |
| - Arts, sports and recreation related services | 11.3 | 31.6 | 21.2 | 2.8 | 14.4 | 4.9 | -14.3 | 13.1 | 0.27 |
| - Membership organizations, repair and other personal services | 28.1 | 6.2 | 8.3 | 2.7 | 18.9 | 3.4 | -5.7 | -2.9 | -0.09 |
| - Water supply; sewage, waste management, materials recovery | 11.4 | 0.4 | 3.8 | -9.7 | -10.0 | -8.9 | -12.7 | -7.3 | -0.08 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Daegu fell by $2.6 \%$ year-on-year, which was $2.2 \%$ p higher compared to a $4.8 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 102.5 | 103.8 | 99.3 | 99.8 | 99.8 | 96.4 | 101.1 |  |
| Year-on-year |  | -0.6 | -2.7 | -3.1 | -0.1 | -5.0 | -4.8 | -2.6 |  |
| - Department stores | 103.3 | 3.0 | -5.0 | -1.7 | -1.3 | -1.9 | -3.6 | -0.1 | -0.01 |
| - Large discount stores | 86.4 | -4.3 | -2.2 | 1.7 | -2.1 | 0.2 | 2.9 | 5.6 | 0.43 |
| - Duty-free shops |  |  |  |  |  |  | - |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 171.5 | -0.2 | -1.2 | -6.7 | -2.0 | -1.4 | -10.6 | -12.7 | -1.97 |
| - Passenger cars \& fuel stores | 265.7 | -1.0 | 0.7 | -0.2 | 3.8 | -3.6 | -5.7 | 5.2 | 1.28 |
| - Specialized stores | 372.6 | -0.7 | -5.1 | -5.4 | -1.6 | -9.2 | -4.3 | -6.4 | -2.51 |

## 4. Incheon

## Index of Services

In the fourth quarter of 2023, the Index of Services for Incheon rose by 4.0\% year-on-year, which was $2.1 \%$ p lower compared to a $6.1 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1 Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 121.2 | 116.5 | 121.2 | 113.1 | 118.7 | 120.9 | 121.2 |  |
| Year-on-year |  | 8.5 | 8.3 | 6.9 | 10.2 | 7.4 | 6.1 | 4.0 |  |
| - Wholesale and retail trade | 238.7 | 5.0 | 5.4 | 5.1 | 7.3 | 4.5 | 6.2 | 2.9 | 0.64 |
| - Transportation and storage | 121.0 | 22.1 | 30.6 | 39.3 | 47.8 | 41.2 | 40.3 | 30.5 | 4.36 |
| - Accommodation and food service activities | 51.0 | 13.8 | 4.0 | -6.1 | 3.3 | -7.4 | -8.2 | -10.9 | -0.57 |
| - Information and communication | 23.8 | 5.8 | -1.7 | -5.6 | -7.3 | -6.3 | -5.3 | -4.0 | -0.10 |
| - Financial and insurance activities | 91.2 | 7.0 | 12.5 | 4.2 | 12.0 | 6.3 | 1.7 | -2.1 | -0.20 |
| - Real estate activities | 75.6 | 1.9 | -5.7 | -6.4 | -4.5 | -9.8 | -3.4 | -7.5 | -0.55 |
| - Professional, scientific and technical activities | 66.0 | 1.2 | 2.1 | 1.0 | -2.0 | 9.5 | -5.0 | 0.3 | 0.02 |
| - Business facilities management and business support services; rental and leasing activities | 54.7 | 3.9 | 4.5 | -3.1 | 3.3 | -2.5 | -4.2 | -8.4 | -0.46 |
| - Education | 85.7 | -0.3 | -1.1 | -1.0 | 0.2 | -0.7 | -1.1 | -2.3 | -0.17 |
| - Human health and social work activities | 129.3 | 9.2 | 9.5 | 7.4 | 8.4 | 11.6 | 3.6 | 6.3 | 0.83 |
| - Arts, sports and recreation related services | 16.7 | 99.4 | 60.1 | 13.1 | 49.2 | 6.9 | 6.9 | 7.8 | 0.25 |
| - Membership organizations, repair and other personal services | 28.3 | 1.9 | -2.1 | -0.3 | 3.8 | -1.7 | -7.6 | 4.2 | 0.13 |
| - Water supply; sewage, waste management, materials recovery | 18.1 | -4.2 | -4.8 | -7.3 | -2.3 | -6.7 | -5.1 | -14.9 | -0.22 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Incheon went up by 3.2\% year-on-year, which was $1.8 \%$ p higher compared to a $1.4 \%$ increase in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1 Q | 2Q | 3 Q | $4 Q^{\text {P }}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 101.4 | 101.7 | 101.1 | 93.5 | 102.1 | 103.6 | 105.0 |  |
| Year-on-year |  | 2.2 | 1.2 | -0.3 | -4.2 | -2.0 | 1.4 | 3.2 |  |
| - Department stores |  |  |  |  |  |  |  |  |  |
| - Large discount stores | 75.8 | -7.2 | -6.9 | 8.0 | -2.9 | 7.3 | 13.1 | 15.1 | 0.97 |
| - Duty-free shops | 26.2 | 235.4 | 254.7 | 152.9 | 424.1 | 199.0 | 129.6 | 80.5 | 2.79 |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 191.9 | 0.8 | -0.4 | -10.7 | -10.6 | -9.0 | -9.9 | -13.2 | -2.38 |
| - Passenger cars \& fuel stores | 350.4 | 1.6 | 0.3 | -2.2 | -9.6 | -2.9 | -1.5 | 5.4 | 1.86 |
| - Specialized stores | 334.3 | -0.2 | -4.1 | -4.0 | -6.2 | -9.0 | -0.4 | -0.1 | -0.03 |

## 5. Gwangju

## Index of Services

In the fourth quarter of 2023, the Index of Services for Gwangju went up by $2.9 \%$ year-on-year, which was $1.5 \%$ p lower compared to a $4.4 \%$ increase in the third quarter of 2023.

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | $1 Q$ | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index of Services | 1000.0 | 114.5 | 111.3 | 114.5 | 109.2 | 112.1 | 110.6 | 114.5 |  |
| Year-on-year |  | 4.9 | 3.2 | 3.6 | 5.0 | 2.2 | 4.4 | 2.9 |  |
| - Wholesale and retail trade | 195.3 | 2.5 | 0.8 | -0.9 | 3.1 | -3.6 | -1.0 | -2.2 | -0.42 |
| - Transportation and storage | 52.1 | 2.9 | -1.5 | 3.5 | 5.8 | 4.8 | 3.9 | 0.0 | 0.00 |
| - Accommodation and food service activities | 41.2 | 11.2 | 2.1 | 1.0 | 13.1 | -9.0 | 4.4 | -2.2 | -0.10 |
| - Information and communication | 58.0 | 3.6 | 3.1 | 2.7 | 4.1 | 1.6 | 3.4 | 1.8 | 0.11 |
| - Financial and insurance activities | 126.9 | 4.9 | 9.1 | 3.3 | 10.6 | 5.5 | 0.7 | -2.6 | -0.35 |
| - Real estate activities | 99.0 | -0.7 | -6.1 | 27.2 | 12.9 | 24.8 | 34.2 | 36.9 | 3.13 |
| - Professional, scientific and technical activities | 50.9 | -0.4 | -7.8 | -0.7 | -12.4 | 3.4 | 2.8 | 4.9 | 0.21 |
| - Business facilities management and business support services; rental and leasing activities | 58.9 | 3.3 | 1.7 | 0.6 | -0.1 | -0.2 | 1.7 | 1.0 | 0.05 |
| - Education | 106.4 | 4.6 | 2.3 | -2.9 | -3.0 | -4.9 | -0.7 | -3.1 | -0.33 |
| - Human health and social work activities | 156.5 | 7.8 | 8.7 | 3.9 | 6.6 | 4.0 | 3.1 | 1.9 | 0.30 |
| - Arts, sports and recreation related services | 16.0 | 54.6 | 44.9 | 2.6 | 25.0 | -8.8 | 0.5 | 3.0 | 0.09 |
| - Membership organizations, repair and other personal services | 30.2 | 4.5 | 2.7 | 9.9 | 18.1 | 4.3 | 11.9 | 6.8 | 0.22 |
| - Water supply; sewage, waste management, materials recovery | 8.6 | 2.1 | -10.2 | -8.8 | -13.8 | -11.1 | -4.5 | -5.9 | -0.05 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Gwangju dropped by $1.2 \%$ year-on-year, which was $0.4 \%$ p lower compared to a $0.8 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 100.0 | 100.4 | 99.2 | 100.6 | 98.1 | 99.0 | 99.2 |  |
| Year-on-year | - | -2.1 | -3.4 | -0.8 | 4.1 | -4.8 | -0.8 | -1.2 |  |
| - Department stores | 72.1 | 5.4 | -8.1 | -6.8 | -0.9 | -8.3 | -12.6 | -5.4 | -0.51 |
| - Large discount stores | 65.8 | -7.4 | -5.2 | 3.4 | -1.6 | -0.1 | 7.9 | 7.5 | 0.42 |
| - Duty-free shops |  |  |  |  |  |  | - |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 181.6 | 2.2 | 1.7 | -6.0 | -3.6 | -5.7 | -5.6 | -9.4 | -1.63 |
| - Passenger cars \& fuel stores | 230.0 | -1.1 | 10.6 | 2.6 | 13.5 | 4.5 | -3.0 | -3.0 | -0.73 |
| - Specialized stores | 450.5 | -5.0 | -12.2 | 0.2 | 3.3 | -9.5 | 3.2 | 4.8 | 2.02 |

## 6. Daejeon

## Index of Services

In the fourth quarter of 2023, the Index of Services for Daejeon grew by $2.5 \%$ year-on-year, which was $0.1 \%$ p lower compared to a $2.6 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 120.8 | 117.9 | 120.8 | 109.0 | 114.2 | 112.5 | 120.8 |  |
| Year-on-year |  | 6.4 | 4.7 | 3.8 | 7.3 | 3.5 | 2.6 | 2.5 |  |
| - Wholesale and retail trade | 180.1 | 4.1 | 2.1 | 1.0 | 4.4 | 0.9 | 0.3 | -1.0 | -0.17 |
| - Transportation and storage | 51.3 | 12.1 | 10.5 | 13.8 | 24.1 | 14.3 | 9.3 | 9.3 | 0.52 |
| - Accommodation and food service activities | 42.3 | 16.0 | 6.0 | 0.6 | 15.0 | -4.4 | -3.8 | -1.5 | -0.07 |
| - Information and communication | 65.3 | 4.3 | 4.4 | 1.1 | -2.3 | -3.0 | 3.1 | 5.3 | 0.39 |
| - Financial and insurance activities | 115.2 | 7.9 | 11.9 | 3.5 | 11.1 | 5.2 | 0.8 | -2.1 | -0.24 |
| - Real estate activities | 55.4 | 22.2 | 24.6 | 12.7 | 20.6 | 12.0 | 15.6 | 4.8 | 0.33 |
| - Professional, scientific and technical activities | 148.2 | -0.5 | -2.9 | 3.6 | 2.1 | 4.6 | 4.0 | 3.8 | 0.58 |
| - Business facilities management and business support services; rental and leasing activities | 73.1 | 2.2 | 0.0 | 3.3 | 3.7 | 5.9 | 4.1 | -0.5 | -0.03 |
| - Education | 92.1 | 0.2 | -3.3 | -0.5 | 2.0 | -0.7 | -0.7 | -2.9 | -0.23 |
| - Human health and social work activities | 125.0 | 6.5 | 3.1 | 3.1 | 2.6 | 0.7 | 3.1 | 6.0 | 0.69 |
| - Arts, sports and recreation related services | 11.2 | 83.9 | 73.7 | 6.2 | 46.1 | 8.9 | -28.4 | 20.5 | 0.44 |
| - Membership organizations, repair and other personal services | 26.8 | 0.0 | -4.8 | 14.0 | 16.5 | 13.6 | 16.8 | 9.6 | 0.24 |
| - Water supply; sewage, waste management, materials recovery | 14.2 | 0.3 | 1.2 | -0.8 | 0.7 | -2.5 | -1.3 | -0.3 | 0.00 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Daejeon went up by $4.7 \%$ year-on-year, which was $2.2 \%$ p higher compared to a $2.5 \%$ increase in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{\text {P }}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 104.9 | 107.0 | 110.4 | 108.1 | 113.3 | 108.2 | 112.0 |  |
| Year-on-year |  | 0.5 | -5.2 | 5.2 | 8.2 | 5.7 | 2.5 | 4.7 |  |
| - Department stores | 86.4 | 32.0 | 4.7 | -3.0 | 5.7 | 0.9 | -12.0 | -5.8 | -0.94 |
| - Large discount stores | 91.3 | -6.7 | -1.7 | 0.4 | -2.4 | 1.5 | 3.3 | -0.7 | -0.05 |
| - Duty-free shops |  |  |  |  |  |  |  |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 197.7 | 0.7 | -1.6 | 8.5 | 20.1 | 7.9 | 0.9 | 6.7 | 1.18 |
| - Passenger cars \& fuel stores | 233.3 | -0.5 | 11.3 | 8.3 | 13.8 | 8.6 | 3.8 | 8.1 | 1.92 |
| - Specialized stores | 391.3 | -7.2 | -21.3 | 7.4 | 3.4 | 6.2 | 9.4 | 11.2 | 3.73 |

## 7. Ulsan

## Index of Services

In the fourth quarter of 2023, the Index of Services for Ulsan went up by $2.1 \%$ year-on-year, which was $0.2 \%$ p higher compared to a $1.9 \%$ increase in the third quarter of 2023 (2.0\%).

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 116.0 | 113.6 | 116.0 | 109.8 | 112.5 | 109.6 | 116.0 |  |
| Year-on-year |  | 5.6 | 5.6 | 3.0 | 6.4 | 2.0 | 1.9 | 2.1 |  |
| - Wholesale and retail trade | 207.6 | 1.4 | 1.2 | -0.7 | 3.2 | -1.5 | -3.0 | -1.4 | -0.27 |
| - Transportation and storage | 87.1 | 4.9 | 2.4 | 8.2 | 9.7 | 10.0 | 6.3 | 6.8 | 0.59 |
| - Accommodation and food service activities | 60.3 | 14.4 | 8.9 | 7.3 | 26.6 | -3.6 | 5.7 | 5.6 | 0.37 |
| - Information and communication | 24.3 | 3.5 | -0.9 | -2.5 | -4.2 | -5.9 | 1.5 | -1.1 | -0.03 |
| - Financial and insurance activities | 108.7 | 3.1 | 13.5 | 2.5 | 13.1 | 5.3 | 1.1 | -7.5 | -0.82 |
| - Real estate activities | 42.7 | 17.3 | 10.2 | 9.7 | 13.7 | 6.1 | 7.5 | 11.9 | 0.63 |
| - Professional, scientific and technical activities | 73.0 | 7.6 | 10.1 | -3.3 | -11.2 | -0.5 | -10.1 | 7.2 | 0.53 |
| - Business facilities management and business support services; rental and leasing activities | 66.4 | 4.6 | 3.7 | 3.1 | 3.7 | 2.5 | -2.2 | 8.0 | 0.53 |
| - Education | 126.8 | -0.7 | -3.2 | 1.1 | 0.3 | -0.7 | 0.2 | 4.7 | 0.54 |
| - Human health and social work activities | 136.8 | 7.1 | 8.4 | 6.3 | 8.3 | 4.4 | 8.4 | 4.2 | 0.58 |
| - Arts, sports and recreation related services | 16.4 | 52.6 | 40.6 | 10.9 | 43.8 | 11.0 | 16.8 | -11.4 | -0.33 |
| - Membership organizations, repair and other personal services | 28.8 | 7.2 | 12.0 | -1.6 | 5.2 | -1.3 | -1.4 | -7.3 | -0.23 |
| - Water supply; sewage, waste management, materials recovery | 21.4 | 0.6 | -10.8 | 4.2 | 2.1 | 1.8 | 9.7 | 3.8 | 0.07 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Ulsan went up by $1.3 \%$ year-on-year, which turned into an increase from a $0.6 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 97.7 | 100.1 | 100.3 | 102.4 | 100.7 | 96.5 | 101.4 |  |
| Year-on-year |  | -1.5 | -1.5 | 2.7 | 6.8 | 3.0 | -0.6 | 1.3 |  |
| - Department stores | 81.2 | -4.1 | -13.6 | 0.3 | -3.6 | 1.5 | 1.5 | 2.1 | 0.19 |
| - Large discount stores | 99.2 | -6.1 | -3.2 | 4.0 | -3.5 | 2.5 | 9.5 | 7.4 | 0.64 |
| - Duty-free shops |  |  |  |  |  |  | - | - |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 218.7 | -2.0 | -4.4 | 7.4 | 10.4 | 11.1 | -0.8 | 9.0 | 1.70 |
| - Passenger cars \& fuel stores | 258.7 | 0.0 | 12.1 | 14.2 | 29.0 | 20.0 | 5.1 | 5.2 | 1.50 |
| - Specialized stores | 342.0 | 0.0 | -7.6 | -8.6 | -6.2 | -13.7 | -8.1 | -6.1 | -2.08 |

## 8. Sejong

## Index of Services

In the fourth quarter of 2023, the Index of Services for Sejong went down by $0.9 \%$ year-on-year, which turned into a decrease from a $0.4 \%$ increase in the third quarter of 2023.


## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Sejong rose by 3.1\% year-on-year, which was $1.8 \%$ p higher compared to a $1.3 \%$ increase in the third quarter of 2023.
(2020 $=100$, volume, $\%, \% p$ )

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 105.1 | 104.9 | 104.7 | 99.5 | 105.6 | 105.3 | 108.2 |  |
| Year-on-year | - | -0.7 | -3.1 | -0.4 | -5.2 | -0.9 | 1.3 | 3.1 | - |
| - Department stores |  |  |  |  |  |  | - |  | - |
| - Large discount stores | 196.9 | 1.8 | 3.7 | 2.2 | -4.0 | 2.4 | 5.8 | 4.5 | 0.92 |
| - Duty-free shops |  |  |  |  | - |  | - | - | - |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 234.7 | -1.9 | -6.4 | -1.6 | -5.0 | 0.9 | -2.2 | 0.2 | 0.04 |
| - Passenger cars \& fuel stores | 302.2 | -1.1 | -0.5 | 1.0 | -4.0 | -1.3 | 3.0 | 6.2 | 1.96 |
| - Specialized stores | 266.2 | -1.3 | -12.4 | -1.8 | -8.7 | -2.8 | -0.9 | 5.8 | 1.47 |

## 9. Gyeonggi

## Index of Services

In the fourth quarter of 2023, the Index of Services for Gyeonggi went up by $0.4 \%$ year-on-year, which was $0.3 \%$ p lower compared to a $0.7 \%$ increase in the third quarter of 2023.

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index of Services | 1000.0 | 116.9 | 116.4 | 116.9 | 111.6 | 115.0 | 113.3 | 116.9 |  |
| Year-on-year |  | 7.3 | 4.8 | 1.8 | 5.8 | 0.6 | 0.7 | 0.4 |  |
| - Wholesale and retail trade | 241.1 | 3.0 | 2.0 | -2.5 | 1.6 | -4.2 | -3.7 | -3.9 | -0.87 |
| - Transportation and storage | 65.4 | 3.1 | 0.0 | 0.1 | 0.7 | 0.6 | -1.4 | 0.4 | 0.02 |
| - Accommodation and food service activities | 46.3 | 18.8 | 9.3 | 1.2 | 18.3 | -5.2 | -3.8 | -0.4 | -0.02 |
| - Information and communication | 90.0 | 8.9 | 4.8 | 8.5 | 8.2 | 5.6 | 10.0 | 9.8 | 0.95 |
| - Financial and insurance activities | 79.1 | 7.9 | 10.3 | 4.7 | 12.4 | 6.6 | 2.0 | -1.3 | -0.11 |
| - Real estate activities | 73.0 | 12.7 | 12.2 | 0.8 | 12.9 | 5.5 | -2.6 | -10.6 | -0.85 |
| - Professional, scientific and technical activities | 115.2 | 3.2 | -1.7 | 4.3 | 4.2 | 1.5 | 4.9 | 6.4 | 0.73 |
| - Business facilities management and business support services; rental and leasing activities | 54.6 | 1.3 | -2.3 | 2.7 | 1.4 | 1.4 | 3.5 | 4.4 | 0.21 |
| - Education | 76.4 | 0.6 | -0.1 | 0.9 | 1.2 | 1.0 | 0.6 | 0.6 | 0.04 |
| - Human health and social work activities | 103.3 | 10.1 | 6.7 | 5.9 | 5.9 | 5.2 | 4.8 | 7.6 | 0.79 |
| - Arts, sports and recreation related services | 17.1 | 77.2 | 52.8 | -0.8 | 22.8 | -10.2 | -0.7 | -4.4 | -0.15 |
| - Membership organizations, repair and other personal services | 24.8 | 6.5 | 7.4 | -5.6 | 2.4 | -7.8 | -7.4 | -8.7 | -0.21 |
| - Water supply; sewage, waste management, materials recovery | 13.7 | -4.2 | -3.5 | -1.6 | 4.1 | -2.8 | -0.9 | -6.2 | -0.07 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Gyeonggi fell by $5.7 \%$ year-on-year, which was $0.3 \%$ p lower compared to a $5.4 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 102.8 | 104.5 | 98.7 | 98.1 | 100.1 | 98.2 | 98.5 |  |
| Year-on-year |  | -0.1 | -0.4 | -4.0 | -0.7 | -3.8 | -5.4 | -5.7 |  |
| - Department stores | 50.5 | 7.5 | -4.7 | 0.5 | 2.1 | 2.0 | -4.0 | 2.0 | 0.13 |
| - Large discount stores | 99.0 | -3.6 | -2.9 | 2.2 | -3.1 | 1.6 | 6.3 | 4.0 | 0.35 |
| - Duty-free shops |  |  |  |  |  |  |  |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 222.6 | -0.6 | 0.8 | -6.4 | -5.6 | -5.6 | -5.8 | -8.8 | -1.79 |
| - Passenger cars \& fuel stores | 231.8 | -1.3 | 8.0 | 5.6 | 11.9 | 11.1 | 1.7 | -0.6 | -0.16 |
| - Specialized stores | 396.1 | 0.9 | -6.2 | -10.4 | -6.1 | -14.2 | -11.8 | -9.5 | -3.75 |

## 10. Gangwon

## Index of Services

In the fourth quarter of 2023, the Index of Services for Gangwon went down by $1.8 \%$ year-on-year, which was $0.8 \%$ p lower compared to a $1.0 \%$ decrease in the third quarter of 2023.

## Retail Sales Index

$\square$ In the fourth quarter of 2023, the Retail Sales Index of Gangwon grew by $0.3 \%$ year-on-year, which was $0.1 \%$ p higher compared to a $0.2 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Retail Sales Index | 1000.0 | 102.7 | 106.0 | 106.1 | 105.3 | 104.1 | 108.5 | 106.3 |  |
| Year-on-year | - | -0.7 | -1.2 | 3.3 | 11.8 | 1.9 | 0.2 | 0.3 |  |
| - Department stores |  |  |  |  |  |  | - |  | - |
| - Large discount stores | 69.0 | -3.4 | -6.4 | -8.2 | -11.5 | -14.3 | -3.3 | -4.1 | -0.25 |
| - Duty-free shops |  |  |  | - | - | - | - | - |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 323.8 | 1.5 | 1.3 | 10.8 | 17.7 | 12.4 | 5.8 | 8.8 | 2.60 |
| - Passenger cars \& fuel stores | 258.7 | -0.7 | 6.8 | 4.1 | 14.2 | 3.9 | 1.2 | -0.8 | -0.22 |
| - Specialized stores | 337.3 | -2.2 | -9.5 | -0.4 | 10.2 | -3.8 | -5.6 | -1.7 | -0.57 |

## 11. Chungbuk

## Index of Services

In the fourth quarter of 2023, the Index of Services for Chungbuk fell by $2.2 \%$, which turned into a decrease from a $0.3 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services Year-on-year | 1000.0 | 111.1 5.8 | 113.6 4.7 | 111.1 <br> 1.0 | 109.2 5.5 | 112.6 0.7 | $\begin{array}{r}109.8 \\ 0.3 \\ \hline\end{array}$ | 111.1 <br> -2.2 |  |
| - Wholesale and retail trade | 183.5 | 0.6 | -0.9 | 0.1 | 3.2 | -0.2 | -0.1 | -2.1 | -0.36 |
| - Transportation and storage | 75.5 | 7.5 | 6.6 | -0.5 | 8.8 | 1.1 | -6.4 | -4.4 | -0.34 |
| - Accommodation and food service activities | 57.0 | 22.8 | 18.4 | -3.0 | 25.2 | -0.1 | -14.6 | -12.8 | -0.89 |
| - Information and communication | 30.8 | 2.3 | -2.8 | -0.2 | -2.4 | -1.7 | 0.0 | 3.5 | 0.10 |
| - Financial and insurance activities | 106.1 | 7.8 | 11.9 | 2.7 | 9.4 | 4.1 | 0.9 | -2.9 | -0.33 |
| - Real estate activities | 39.1 | 25.1 | 23.2 | 16.5 | 30.8 | 14.4 | 15.6 | 8.4 | 0.45 |
| - Professional, scientific and technical activities | 70.4 | -0.5 | -5.4 | -1.9 | -6.3 | -3.7 | 1.8 | 1.9 | 0.12 |
| - Business facilities management and business support services; rental and leasing activities | 91.6 | 0.8 | -1.3 | -7.7 | -6.3 | -5.1 | -7.7 | -11.7 | -0.99 |
| - Education | 116.9 | 0.3 | -2.0 | 0.1 | 1.1 | -1.8 | 0.5 | 0.5 | 0.05 |
| - Human health and social work activities | 139.0 | 7.7 | 5.6 | 4.0 | 4.3 | 4.1 | 4.0 | 3.8 | 0.53 |
| - Arts, sports and recreation related services | 29.8 | 15.2 | 21.2 | 1.3 | 16.0 | -8.2 | 16.9 | -11.8 | -0.45 |
| - Membership organizations, repair and other personal services | 30.9 | 7.3 | 8.6 | 6.3 | 15.7 | 8.0 | 7.7 | -3.1 | -0.11 |
| - Water supply; sewage, waste management, materials recovery | 29.5 | 0.3 | -1.5 | 0.3 | 1.2 | 0.1 | 0.0 | 0.2 | 0.01 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Chungbuk fell by 1.9\% year-on-year, which turned into a decrease from a $0.7 \%$ increase in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 100.8 | 105.7 | 102.0 | 99.9 | 103.3 | 101.3 | 103.7 |  |
| Year-on-year | - | -1.9 | -1.3 | 1.2 | 4.1 | 2.5 | 0.7 | -1.9 |  |
| - Department stores | - |  |  |  | - |  | - |  |  |
| - Large discount stores | 56.4 | -5.5 | -0.1 | 1.3 | -1.6 | 2.5 | 3.2 | 1.0 | 0.05 |
| - Duty-free shops |  |  |  |  |  |  | - |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 247.8 | -0.4 | -0.9 | -2.4 | -2.1 | 3.9 | -5.1 | -6.3 | -1.38 |
| - Passenger cars \& fuel stores | 298.1 | -0.3 | 6.5 | 4.7 | 11.8 | 5.4 | 0.9 | 2.0 | 0.65 |
| - Specialized stores | 370.5 | -4.1 | -9.8 | 1.1 | 2.1 | -1.6 | 6.2 | -1.7 | -0.63 |

## 12. Chungnam

## Index of Services

In the fourth quarter of 2023, the Index of Services for Chungnam fell by 1.0\% year-on-year, which turned into a decrease from a no-change status in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services Year-on-year | 1000.0 | 113.4 5.7 | 114.6 5.6 | 113.4 <br> 1.4 | 110.4 <br> 5.4 | 113.9 1.3 | 111.5 0.0 | 113.4 -1.0 |  |
| holesale and retail trade | 177.5 | 0.7 | -0.6 | -1.2 | 2.1 | 9 | -2.4 | 2 |  |
|  |  |  |  |  |  |  |  |  |  |
| - Transportation and storage | 88. | 2.2 | -1.7 | 0.5 | -4.3 | 4.1 | -1.6 | 3.7 | 0.32 |
| - Accommodation and food service activities | 61.2 | 19.5 | 19.4 | -2.3 | 14.0 | 2.7 | -8.4 | -12.1 | -0.90 |
| - Information and communication | 27.4 | 3.9 | 1.3 | -0.9 | -1.3 | -0.5 | 0.1 | -1.9 | -0.05 |
| - Financial and insurance activities | 121.6 | 9.8 | 12.4 | 2.9 | 9.4 | 4.9 | 0.3 | -2.4 | -0.32 |
| - Real estate activities | 34.2 | 26.6 | 23.9 | 1.8 | 16.8 | 0.0 | 1.3 | -9.2 | -0.44 |
| - Professional, scientific and technical activities | 58.4 | 3.0 | 4.7 | 5.4 | 16.9 | -1.0 | 2.9 | 5.9 | 0.35 |
| - Business facilities management and business support services; rental and leasing activities | 68.8 | 6.5 | 9.3 | -2.4 | 0.3 | 0.2 | -1.6 | -8.2 | -0.56 |
| - Education | 143.5 | -1.1 | -1.8 | 1.6 | -0.6 | 0.7 | 1.2 | 5.3 | 0.64 |
| - Human health and social work activities | 146.5 | 6.6 | 5.5 | 2.0 | 5.0 | 1.7 | 1.8 | -0.4 | -0.06 |
| - Arts, sports and recreation related services | 17.5 | 32.0 | 26.1 | 5.0 | 20.5 | 0.3 | 22.9 | -17.7 | -0.41 |
| - Membership organizations, repair and other personal services | 31.6 | 4.4 | 4.7 | 7.1 | 20.5 | -4.4 | -2.4 | 15.8 | 0.51 |
| - Water supply; sewage, waste management, materials recovery | 23.5 | -7.7 | -3.4 | 11.4 | 11.5 | 14.6 | 8.4 | 11.1 | 0.26 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Chungnam went down by $2.7 \%$ year-on-year, which remained the same as a $2.7 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail Sales Index | 1000.0 | 100.3 | 104.4 | 99.3 | 95.5 | 100.8 | 99.1 | 101.6 |  |
| Year-on-year | - | -0.8 | 0.9 | -1.0 | 1.8 | -0.4 | -2.7 | -2.7 |  |
| - Department stores | - |  |  |  | - |  | - |  |  |
| - Large discount stores | 63.8 | -3.7 | 1.9 | -5.3 | -4.5 | -5.4 | -3.7 | -7.3 | -0.43 |
| - Duty-free shops |  |  |  |  | - | - | - |  |  |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 282.7 | -2.0 | -2.0 | -5.3 | -9.6 | 0.6 | -5.6 | -7.3 | -1.79 |
| - Passenger cars \& fuel stores | 287.7 | -0.3 | 6.1 | 5.8 | 14.1 | 5.8 | 1.1 | 3.2 | 0.99 |
| - Specialized stores | 341.0 | -0.7 | -3.6 | -1.8 | 2.1 | -4.8 | -2.7 | -1.2 | -0.42 |

## 13. Jeonbuk

## Index of Services

In the fourth quarter of 2023, the Index of Services for Jeonbuk went down by $0.1 \%$ year-on-year, which turned into a decrease from a $2.6 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 114.0 | 114.1 | 114.0 | 109.2 | 112.7 | 112.6 | 114.0 |  |
| Year-on-year |  | 5.8 | 6.0 | 2.6 | 6.7 | 1.3 | 2.6 | -0.1 |  |
| - Wholesale and retail trade | 172.2 | 2.7 | 1.3 | -1.3 | 2.4 | -1.0 | -2.9 | -3.5 | -0.57 |
| - Transportation and storage | 52.5 | 6.0 | 3.2 | 8.2 | 4.9 | 8.6 | 9.0 | 10.2 | 0.54 |
| - Accommodation and food service activities | 47.5 | 20.9 | 18.0 | -1.6 | 23.1 | -4.5 | -7.7 | -10.4 | -0.59 |
| - Information and communication | 28.6 | 1.8 | -3.3 | -3.8 | -6.4 | -5.0 | -2.4 | -1.5 | -0.04 |
| - Financial and insurance activities | 152.1 | 8.4 | 11.7 | 3.0 | 11.5 | 5.6 | 0.3 | -4.3 | -0.69 |
| - Real estate activities | 36.3 | 15.5 | 17.9 | 10.9 | 25.6 | 8.6 | 10.8 | 1.5 | 0.06 |
| - Professional, scientific and technical activities | 61.3 | 2.5 | 6.4 | -4.0 | 3.9 | -2.1 | -8.8 | -7.4 | -0.47 |
| - Business facilities management and business support services; rental and leasing activities | 40.0 | -0.1 | -1.2 | 5.9 | 7.3 | 2.4 | 7.1 | 6.5 | 0.25 |
| - Education | 169.9 | 0.3 | 1.1 | 1.0 | 1.3 | -2.0 | -0.8 | 5.6 | 0.80 |
| - Human health and social work activities | 166.0 | 6.8 | 7.1 | 2.5 | 6.2 | 1.1 | 3.2 | -0.2 | -0.03 |
| - Arts, sports and recreation related services | 19.6 | 36.9 | 31.7 | 13.4 | 6.1 | -3.7 | 64.1 | -5.0 | -0.17 |
| - Membership organizations, repair and other personal services | 33.0 | 3.7 | 0.8 | 19.6 | 18.0 | 18.0 | 22.6 | 19.4 | 0.72 |
| - Water supply; sewage, waste management, materials recovery | 21.0 | -1.6 | -7.1 | -0.3 | -0.2 | -1.0 | -1.0 | 1.1 | 0.02 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Jeonbuk dropped by $1.6 \%$ year-on-year, which was $0.8 \%$ p higher compared to a $2.4 \%$ decrease in the third quarter of 2023.
(2020=100, volume, \%, \%p)

|  | Weight | 2022 | $4 Q$ | $2023^{P}$ | $1 Q$ | $2 Q$ | $3 Q$ | $4 Q^{P}$ | Contribution |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Retail Sales Index |  | 1000.0 | 100.2 | 102.6 | 100.8 | 98.6 | 104.1 | 99.3 | 101.0 |
| Year-on-year | - | -0.9 | -0.7 | 0.6 | 2.7 | 3.4 | -2.4 | -1.6 | - |
| - Department stores | - | - | - | - | - | - | - | - | - |
| - Large discount stores | 57.0 | -5.6 | -4.9 | 2.2 | -2.4 | -0.5 | 3.2 | 9.3 | - |
| - Duty-free shops | - | - | - | - | - | - | - | - | 0.43 |
| - Supermarkets, convenient stores and | 234.3 | -1.1 | -3.0 | 0.5 | 6.8 | 0.5 | -0.4 | -4.7 | - |
| $\quad$ other retail sale in non-specialized stores |  |  | -1.03 |  |  |  |  |  |  |
| - Passenger cars \& fuel stores | 269.8 | -1.8 | 6.6 | 8.3 | 16.0 | 13.8 | 1.0 | 3.5 | 1.03 |
| - Specialized stores | 422.2 | 0.3 | -5.3 | -4.7 | -7.3 | -1.4 | -7.1 | -3.1 | -1.28 |

## 14. Jeonnam

## Index of Services

In the fourth quarter of 2023, the Index of Services for Jeonnam went down by $0.5 \%$ year-on-year, which was $0.9 \%$ p higher compared to a $1.4 \%$ decrease in the third quarter of 2023.

|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3 Q | $4 Q^{P}$ | Contribution |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Index of Services | 1000.0 | 110.0 | 110.6 | 110.0 | 107.8 | 109.7 | 109.2 | 110.0 |  |
| Year-on-year |  | 5.3 | 3.8 | 0.9 | 5.3 | 0.8 | -1.4 | -0.5 |  |
| - Wholesale and retail trade | 183.8 | 1.3 | -0.3 | -2.1 | 1.7 | -2.5 | -3.6 | -3.9 | -0.66 |
| - Transportation and storage | 83.3 | 2.0 | -2.7 | 2.7 | 5.0 | 2.2 | -0.5 | 4.2 | 0.34 |
| - Accommodation and food service activities | 53.4 | 20.8 | 16.7 | -3.7 | 11.5 | -7.2 | -12.4 | -2.6 | -0.16 |
| - Information and communication | 33.2 | 2.6 | -1.0 | -2.4 | -3.5 | -4.8 | -1.0 | -0.2 | -0.01 |
| - Financial and insurance activities | 137.4 | 10.2 | 11.4 | 2.8 | 11.1 | 4.7 | -0.2 | -3.6 | -0.56 |
| - Real estate activities | 36.0 | 3.8 | 2.0 | 5.5 | 11.8 | 10.1 | 6.6 | -6.3 | -0.24 |
| - Professional, scientific and technical activities | 49.3 | 1.9 | 2.4 | 3.0 | 8.3 | -4.0 | 6.9 | 3.3 | 0.16 |
| - Business facilities management and business support services; rental and leasing activities | 68.9 | 5.5 | 8.3 | 1.7 | 9.6 | 4.6 | -4.0 | -1.6 | -0.12 |
| - Education | 109.0 | 0.1 | -0.5 | 1.1 | -1.4 | 1.3 | 1.1 | 3.6 | 0.35 |
| - Human health and social work activities | 161.5 | 5.4 | 5.5 | 2.9 | 4.5 | 2.5 | 3.6 | 1.2 | 0.19 |
| - Arts, sports and recreation related services | 28.7 | 22.6 | 8.4 | -7.7 | 0.5 | -2.6 | -19.2 | -2.0 | -0.07 |
| - Membership organizations, repair and other personal services | 29.6 | 7.2 | 3.7 | 1.3 | 13.7 | -2.1 | -5.0 | 0.6 | 0.02 |
| - Water supply; sewage, waste management, materials recovery | 25.9 | -7.6 | -11.9 | 5.2 | 1.6 | 7.5 | 5.6 | 5.8 | 0.14 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Jeonnam went down by $7.3 \%$ year-on-year, which was $1.4 \%$ p lower from a $5.9 \%$ decrease in the third quarter of 2023.


## 15. Gyeongbuk

## Index of Services

In the fourth quarter of 2023, the Index of Services for Gyeongbuk remained the same year-on-year.


## Retail Sales Index

$\square$ In the fourth quarter of 2023, the Retail Sales Index of Gyeongbuk fell by $2.5 \%$ year-on-year, which turned into a decrease from a $0.6 \%$ increase in the third quarter of 2023.


## 16. Gyeongnam

## Index of Services

In the fourth quarter of 2023, the Index of Services for Gyeongnam fell by $1.5 \%$ year-on-year, which turned into a decrease from a $0.1 \%$ increase in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Index of Services | 1000.0 | 115.2 | 116.9 | 115.2 | 112.9 | 114.8 | 113.9 | 115.2 |  |
| Year-on-year |  | 7.9 | 5.9 | 1.1 | 6.2 | -0.3 | 0.1 | -1.5 |  |
| - Wholesale and retail trade | 197.5 | 2.2 | 0.1 | -2.1 | 1.2 | -2.5 | -3.5 | -3.6 | -0.66 |
| - Transportation and storage | 74.1 | 4.6 | 0.0 | 5.3 | 7.9 | 3.3 | 2.3 | 7.8 | 0.54 |
| - Accommodation and food service activities | 55.6 | 19.4 | 9.0 | -3.7 | 21.7 | -8.5 | -15.0 | -5.5 | -0.33 |
| - Information and communication | 29.5 | 1.2 | -3.1 | -4.2 | -5.9 | -6.5 | -2.2 | -1.9 | -0.05 |
| - Financial and insurance activities | 126.0 | 7.6 | 10.5 | 1.2 | 9.0 | 3.2 | -1.5 | -5.2 | -0.65 |
| - Real estate activities | 69.5 | 32.2 | 26.1 | 5.8 | 19.9 | 2.6 | 7.3 | -3.5 | -0.39 |
| - Professional, scientific and technical activities | 56.1 | 2.6 | 0.4 | 3.8 | 7.7 | 0.5 | 4.1 | 3.6 | 0.19 |
| - Business facilities management and business support services; rental and leasing activities | 47.8 | 0.9 | -1.4 | 0.8 | -0.8 | 3.0 | 1.6 | -0.8 | -0.03 |
| - Education | 112.0 | 2.1 | 0.9 | -2.3 | -2.6 | -1.6 | -1.9 | -3.1 | -0.31 |
| - Human health and social work activities | 159.8 | 6.8 | 7.8 | 3.6 | 5.9 | 1.8 | 5.8 | 1.2 | 0.19 |
| - Arts, sports and recreation related services | 19.2 | 44.1 | 19.0 | -9.0 | 4.8 | -12.8 | -17.8 | -4.0 | -0.11 |
| - Membership organizations, repair and other personal services | 30.1 | 5.5 | 6.2 | 4.7 | 9.4 | -0.2 | 12.9 | -1.5 | -0.05 |
| - Water supply; sewage, waste management, materials recovery | 22.7 | -6.2 | -5.3 | 9.9 | 7.9 | 5.5 | 17.2 | 9.1 | 0.17 |

## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Gyeongnam went down by $5.9 \%$ year-on-year, which was $2.6 \%$ p lower compared to a $3.3 \%$ decrease in the third quarter of 2023.

## 17. Jeju

## Index of Services

In the fourth quarter of 2023, the Index of Services for Jeju went down by 3.8\% year-on-year, which was $1.6 \%$ p lower compared to a $2.2 \%$ decrease in the third quarter of 2023.


## Retail Sales Index

In the fourth quarter of 2023, the Retail Sales Index of Jeju fell by $6.4 \%$ year-on-year, which was $0.1 \%$ p lower compared to a $6.3 \%$ decrease in the third quarter of 2023.

| (2020=100, volume, \%, \%p) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Weight | 2022 | 4Q | $2023{ }^{\text {P }}$ | 1Q | 2Q | 3Q | $4 Q^{P}$ | Contribution |
| Retail Sales Index | 1000.0 | 106.5 | 103.6 | 99.8 | 98.3 | 103.5 | 100.5 | 97.0 |  |
| Year-on-year |  | 0.6 | -4.4 | -6.3 | -4.9 | -7.4 | -6.3 | -6.4 |  |
| - Department stores |  |  |  |  |  |  |  |  |  |
| - Large discount stores | 66.6 | -3.6 | -4.5 | -0.4 | -6.2 | 0.5 | 3.8 | 0.2 | 0.01 |
| - Duty-free shops | 112.3 | 0.6 | -24.4 | -19.5 | -31.3 | -27.5 | -15.8 | 1.6 | 0.18 |
| - Supermarkets, convenient stores and other retail sale in non-specialized stores | 268.1 | -0.9 | -5.1 | -5.5 | -9.1 | -7.0 | -2.9 | -3.2 | -0.78 |
| - Passenger cars \& fuel stores | 230.0 | 1.3 | 9.0 | 1.9 | 5.1 | 4.2 | -1.4 | 0.2 | 0.04 |
| - Specialized stores | 323.0 | 2.4 | -3.2 | -5.8 | 5.1 | -4.2 | -8.5 | -15.7 | -5.15 |

## The Index of Service and the Retail Sales Index by Province in 2023

## 1. Seoul

(Index of Services)
In 2023, the Index of Services for Seoul increased by $5.8 \%$ year-on-year due to the rise in 'Transportation and storage' (25.9\%), 'Financial and insurance activities' (7.6\%) and 'Real estate activities' (18.1\%) despite the drop in 'Wholesale and retail trade' (-1.5\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Seoul went down by $3.3 \%$ year-on-year owing to the drop in 'Duty-free shops' ( $-34.8 \%$ ) and 'Specialized stores' ( $-0.4 \%$ ) in spite of the rise in 'Department stores' (6.7\%) and 'Passenger cars \& fuel stores' (3.5\%).

## 2. Busan

(Index of Services)
In 2023, the Index of Services for Busan increased by 1.1\% year-on-year due to the rise in 'Real estate activities' (13.5\%), 'Financial and insurance activities' (5.0\%) and 'Human health and social work activities' (3.9\%) in spite of the drop in 'Professional, scientific and technical activities' (-17.3\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Busan went up by $3.5 \%$ year-on-year owing to the rise in 'Specialized stores' (8.8\%) and 'Passenger cars \& fuel stores' (5.0\%) despite the drop in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-9.0\%) and 'Large discount stores' (-1.4\%).

## 3. Daegu

(Index of Services)
In 2023, the Index of Services for Daegu went up by $1.7 \%$ year-on-year due to the rise in 'Human health and social work activities' (5.7\%), 'Financial and insurance activities' (3.3\%) and 'Accommodation and food service activities' (6.4\%) despite the drop in 'Wholesale and retail trade' (-2.8\%).

## $\square$ (Retail Sales Index)

In 2023, the Retail Sales Index of Daegu went down by $3.1 \%$ year-on-year owing to the decrease in 'Specialized stores' (-5.4\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-6.7\%) despite the increase in 'Large discount stores' (1.7\%).

## 4. Incheon

(Index of Services)
In 2023, the Index of Services for Incheon increased by 6.9\% year-on-year due to the rise in 'Transportation and storage' (39.3\%), 'Wholesale and retail trade' (5.1\%) and 'Human health and social work activities' (7.4\%) despite the drop in 'Real estate activities' (-6.4\%).
(Retail Sales Index)
In 2023, the Retail Sales Index of Incheon went down by $0.3 \%$ year-on-year owing to the drop in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-10.7\%) and 'Specialized stores' (-4.0\%) despite the rise in 'Duty-free shops' (152.9\%) and 'Large discount stores' (8.0\%).

## 5. Gwangju

## (Index of Services)

In 2023, the Index of Services for Gwangju increased by $3.6 \%$ year-on-year due to the rise in 'Real estate activities' (27.2\%), 'Human health and social work activities' (3.9\%) and 'Financial and insurance activities' (3.3\%) despite the drop in 'Education' (-2.9\%).
(Retail Sales Index)
In 2023, the Retail Sales Index of Gwangju decreased by $0.8 \%$ year-on-year owing to the drop in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-6.0\%) and 'Department stores' (-6.8\%) despite the rise in 'Passenger cars \& fuel stores' (2.6\%) and 'Large discount stores' (3.4\%).

## 6. Daejeon

## (Index of Services)

In 2023, the Index of Services for Daejeon grew by 3.8\% year-on-year due to the increase in 'Real estate activities' (12.7\%), 'Transportation and storage' (13.8\%) and 'Professional, scientific and technical activities' (3.6\%) despite the decrease in 'Education' (-0.5\%).
(Retail Sales Index)
In 2023, the Retail Sales Index of Daejeon grew by $5.2 \%$ year-on-year owing to the rise in 'Specialized stores' (7.4\%), 'Passenger cars \& fuel stores' (8.3\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (8.5\%) despite the drop in 'Department stores (-3.0\%).

## 7. Ulsan

(Index of Services)
In 2023, the Index of Services for Ulsan rose by 3.0\% year-on-year due to the increase in 'Human health and social work activities' (6.3\%), 'Transportation and storage' (8.2\%) and 'Real estate activities' (9.7\%) despite the decrease in 'Professional, scientific and technical activities' (-3.3\%).

## $\square$ (Retail Sales Index)

In 2023, the Retail Sales Index of Ulsan grew by 2.7\% year-on-year owing to the rise in 'Passenger cars \& fuel stores' (14.2\%), 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (7.4\%) and 'Large discount stores' (4.0\%) in spite of the drop in 'Specialized stores' ( $-8.6 \%$ ).

## 8. Sejong

## (Index of Services)

In 2023, the Index of Services for Sejong remained the same year-on-year due to the rise in 'Arts, sports and recreation related services' (14.4\%), 'Financial and insurance activities' (4.5\%) and 'Business facilities management and business support services; rental and leasing activities' (6.7\%) despite the drop in 'Real estate activities' (-11.5\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Sejong went down by $0.4 \%$ year-on-year owing to the drop in 'Specialized stores' ( $-1.8 \%$ ) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-1.6\%) despite the rise in 'Large discount stores' (2.2\%) and 'Passenger cars \& fuel stores' (1.0\%).

## 9. Gyeonggi

(Index of Services)
In 2023, the Index of Services for Gyeonggi grew by $1.8 \%$ year-on-year due to the rise in 'Information and communication' (8.5\%), 'Human health and social work activities' (5.9\%) and 'Professional, scientific and technical activities' (4.3\%) despite the decrease in 'Wholesale and retail trade' (-2.5\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Gyeonggi went down by 4.0\% year-on-year owing to the drop in 'Specialized stores' (-10.4\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-6.4\%) despite the rise in 'Passenger cars \& fuel stores' (5.6\%) and 'Large discount stores' (2.2\%).

## 10. Gangwon

$\square$ (Index of Services)
In 2023, the Index of Services for Gangwon increased by $0.5 \%$ year-on-year due to the rise in 'Real estate activities' (10.3\%), 'Financial and insurance activities' (2.4\%) and 'Membership organizations, repair and other personal services' (9.4\%) despite the drop in 'Professional, scientific and technical activities' (-9.2\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Gangwon grew by 3.3\% year-on-year owing to the rise in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (10.8\%) and 'Passenger cars \& fuel stores' (4.1\%) despite the drop in 'Large discount stores' (-8.2\%) and 'Department stores' (-11.9\%).

## 11. Chungbuk

(Index of Services)
In 2023, the Index of Services for Chungbuk increased by $1.0 \%$ year-on-year due to the rise in 'Real estate activities' (16.5\%), 'Human health and social work activities' (4.0\%) and 'Financial and insurance activities' (2.7\%) despite the drop in 'Business facilities management and business support services; rental and leasing activities' (-7.7\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Chungbuk grew by 1.2\% year-on-year owing to the rise in 'Passenger cars \& fuel stores' (4.7\%), 'Specialized stores' (1.1\%) and 'Large discount stores' (1.3\%) in spite of the drop in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-2.4\%).

## 12. Chungnam

## $\square$ (Index of Services)

In 2023, the Index of Services for Chungnam grew by $1.4 \%$ year-on-year due to the rise in 'Financial and insurance activities' (2.9\%), 'Professional, scientific and technical activities' (5.4\%) and 'Human health and social work activities' (2.0\%) despite the drop in 'Wholesale and retail trade' (-1.2\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Chungnam decreased by 1.0\% year-on-year owing to the drop in 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-5.3\%) and 'Specialized stores' (-1.8\%) despite the rise in 'Passenger cars \& fuel stores' (5.8\%).

## 13. Jeonbuk

## $\square$ (Index of Services)

In 2023, the Index of Services for Jeonbuk rose by $2.6 \%$ year-on-year due to the rise in 'Membership organizations, repair and other personal services' (19.6\%), 'Transportation and storage' (8.2\%) and 'Financial and insurance activities' (3.0\%) despite the drop in 'Professional, scientific and technical activities' (-4.0\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Jeonbuk grew by $0.6 \%$ year-on-year owing to the rise in 'Passenger cars \& fuel stores' (8.3\%), 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (0.5\%) and 'Large discount stores' (2.2\%) despite the drop in 'Specialized stores' (-4.7\%).

## 14. Jeonnam

## $\square$ (Index of Services)

In 2023, the Index of Services for Jeonnam grew by $0.9 \%$ year-on-year due to the rise in 'Human health and social work activities' (2.9\%), 'Financial and insurance activities' (2.8\%) and 'Transportation and storage' (2.7\%) despite the drop in 'Wholesale and retail trade' (-2.1\%).

## (Retail Sales Index)

In 2023, the Retail Sales Index of Jeonnam fell by 4.7\% year-on-year owing to the drop in 'Specialized stores' (-8.5\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-4.8\%) despite the rise in 'Passenger cars \& fuel stores' (3.6\%) and 'Large discount stores' (3.4\%).

## 15. Gyeongbuk

(Index of Services)
In 2023, the Index of Services for Gyeongbuk went up by $2.1 \%$ year-on-year due to the rise in 'Transportation and storage' (19.2\%), 'Real estate activities' (9.3\%) and 'Business facilities management and business support services; rental and leasing activities' (5.9\%) in spite of the drop in 'Education' (-1.7\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Gyeongbuk grew by $2.6 \%$ year-on-year owing to the rise in 'Passenger cars \& fuel stores' (5.7\%) and 'Specialized stores' (3.3\%) despite the drop in 'Large discount stores' ( $-7.3 \%$ ) and 'Supermarkets, convenient stores and other retail sale in non-specialized stores' (-0.2\%).

## 16. Gyeongnam

(Index of Services)
In 2023, the Index of Services for Gyeongnam grew by 1.1\% year-on-year due to the rise in 'Real estate activities' (5.8\%), 'Human health and social work activities' (3.6\%) and 'Transportation and storage' (5.3\%) despite the drop in 'Wholesale and retail trade' (-2.1\%).
(Retail Sales Index)
In 2023, the Retail Sales Index of Gyeongnam fell by 1.7\% year-on-year owing to the decrease in 'Specialized stores' (-11.0\%) and 'Supermarkets, convenient stores and other retail sale in non-specialized store' ( $-5.1 \%$ ) despite the increase in 'Passenger cars \& fuel stores' (10.6\%) and 'Large discount stores' (7.8\%).

## 17. Jeju

(Index of Services)
In 2023, the Index of Services for Jeju declined by $1.2 \%$ year-on-year due to the drop in 'Information and communication' (-18.3\%), 'Accommodation and food service activities' (-9.8\%) and 'Business facilities management and business support services; rental and leasing activities' (-11.9\%) in spite of the rise in 'Transportation and storage' (17.5\%).
$\square$ (Retail Sales Index)
In 2023, the Retail Sales Index of Jeju fell by $6.3 \%$ year-on-year owing to the drop in 'Duty-free shops' (-19.5\%) and 'Specialized stores' (-5.8\%) in spite of the rise in 'Passenger cars \& fuel stores' (1.9\%).
< Year-on-year percent change by province >
[Year-on-year, \%]

| Metropolitan cities and provinces | Index of services |  |  |  |  | Retail Sales Index |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2019 | 2020 | 2021 | 2022 | $2023{ }^{\text {P }}$ | 2019 | 2020 | 2021 | 2022 | $2023{ }^{\text {P }}$ |
| The nation | 1.4 | -2.0 | 5.0 | 6.7 | 2.9 | 2.4 | -0.1 | 5.8 | -0.3 | -1.4 |
| Seoul | 1.8 | 1.2 | 5.2 | 6.9 | 5.8 | 5.2 | -8.9 | 6.7 | -1.0 | -3.3 |
| Busan | 0.3 | -4.1 | 4.2 | 4.8 | 1.1 | 0.2 | -4.4 | 6.8 | -0.2 | 3.5 |
| Daegu | 0.6 | -2.9 | 4.9 | 3.9 | 1.7 | -1.0 | -2.9 | 3.1 | -0.6 | -3.1 |
| Incheon | 1.2 | -9.6 | 2.2 | 8.5 | 6.9 | 0.6 | -8.3 | -0.8 | 2.2 | -0.3 |
| Gwangju | 1.3 | -1.6 | 2.7 | 4.9 | 3.6 | -1.9 | -0.3 | 2.1 | -2.1 | -0.8 |
| Daejeon | 0.9 | -2.6 | 3.3 | 6.4 | 3.8 | -1.1 | 0.3 | 4.4 | 0.5 | 5.2 |
| Ulsan | -0.4 | -3.1 | 2.9 | 5.6 | 3.0 | -0.8 | -0.3 | -0.8 | -1.5 | 2.7 |
| Sejong | 6.8 | 3.7 | 8.9 | 6.3 | 0.0 | 14.7 | 11.6 | 5.8 | -0.7 | -0.4 |
| Gyeonggi | 1.7 | -1.0 | 4.6 | 7.3 | 1.8 | -0.6 | 1.6 | 2.9 | -0.1 | -4.0 |
| Gangwon | 0.2 | -4.9 | 4.0 | 6.4 | 0.5 | -0.6 | -0.3 | 3.4 | -0.7 | 3.3 |
| Chungbuk | 0.6 | -3.1 | 3.6 | 5.8 | 1.0 | -2.4 | 0.7 | 2.7 | -1.9 | 1.2 |
| Chungnam | 1.3 | -3.4 | 4.8 | 5.7 | 1.4 | -0.5 | 1.7 | 1.1 | -0.8 | -1.0 |
| Jeonbuk | 1.0 | -1.3 | 3.3 | 5.8 | 2.6 | 0.5 | 0.8 | 1.1 | -0.9 | 0.6 |
| Jeonnam | 1.7 | -1.9 | 2.8 | 5.3 | 0.9 | -0.7 | 4.4 | 4.1 | -1.5 | -4.7 |
| Gyeongbuk | 1.0 | -4.4 | 5.2 | 5.6 | 2.1 | -1.1 | 0.5 | 2.1 | -0.2 | 2.6 |
| Gyeongnam | 0.5 | -2.2 | 4.7 | 7.9 | 1.1 | 0.8 | 2.1 | 0.5 | 2.5 | -1.7 |
| Jeju | 2.1 | -10.5 | 2.3 | 10.5 | -1.2 | 10.5 | -26.7 | 5.9 | 0.6 | -6.3 |

