

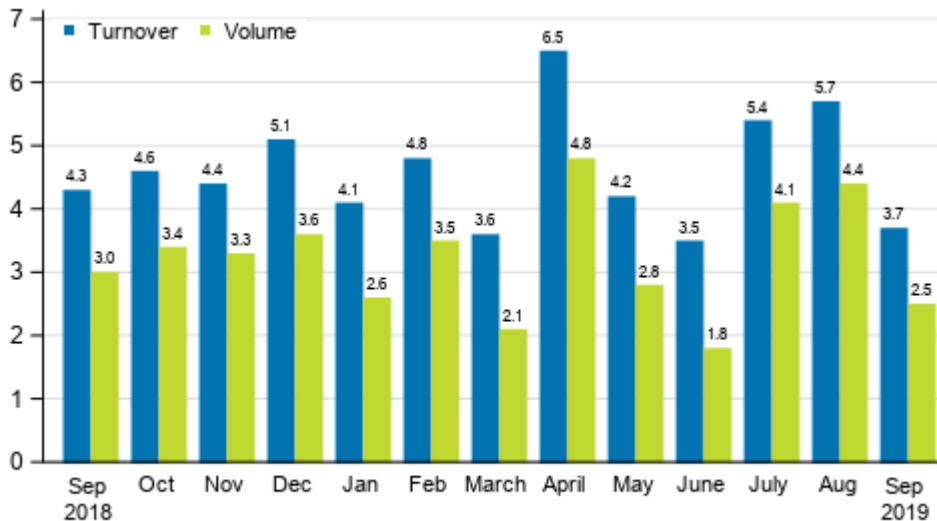
# Turnover in service industries

2019, September

## Turnover and output in services grew in September

Working day adjusted turnover in service industries grew by 3.7 per cent in September 2019 from September 2018. Service output or volume, from which the impact of prices has been eliminated, grew by 2.5 per cent over the same period. In this year's August, turnover reached a growth of 5.7 per cent, while volume went up by 4.4 per cent from one year back. Services are here examined exclusive of trade.

### Annual change in working day adjusted turnover and volume of service industries, %



Source: Statistics Finland

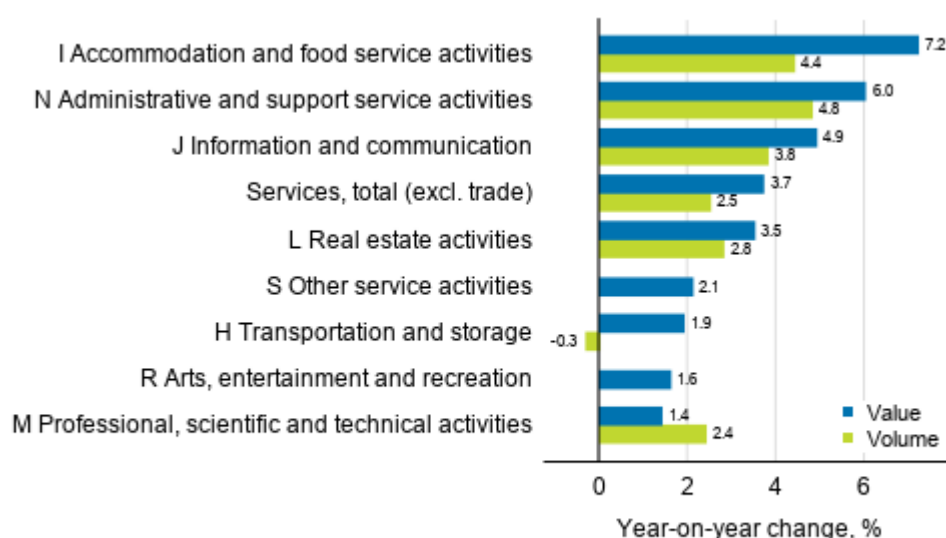
In September 2019, turnover adjusted for working days in accommodation and food service activities developed most rapidly among the main service industries, growing by 7.2 per cent from September 2018. At the same time, the volume of the industry increased by 4.4 per cent. Working day adjusted turnover in administrative and support service activities also reached a good growth of 6.0 per cent in the corresponding period. Measured by volume, in turn, administrative and support service activities (+4.6%) rose slightly higher than the development in accommodation and food service activities.

A more positive development of turnover than average for service industries was also recorded in information and communication, where working day adjusted turnover grew by 4.9 per cent in September 2019 from September 2018. Correspondingly, the volume of the industry increased by 3.8 per cent.

In the biggest industry measured by turnover, that is, transportation and storage, turnover grew by 1.9 per cent from September 2018. The growth of working day adjusted turnover of the industry was clearly weaker than for the whole service industries. The volume of transportation and storage also developed weakly (-0.3%), being the only main service industry to contract from the previous year.

Development of turnover was weakest in professional, scientific and technical activities, where working day adjusted turnover still increased by 1.4 per cent from September 2018. The volume of the industry increased by 2.4 per cent over the same period.

**Annual change in working day adjusted turnover and volume of service industries, September 2019, % (TOL 2008)**

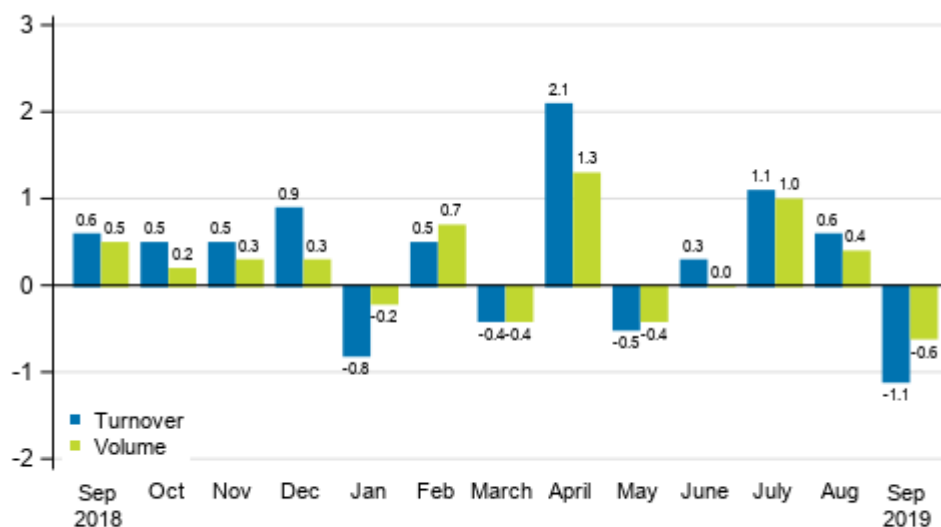


Source: Statistics Finland

**Turnover and output contracted from the previous month**

Seasonally adjusted turnover in service industries declined in September 2019 by 1.1 per cent compared to August. The output of services, from which the impact of prices has been eliminated, fell by 0.6 per cent over the same period. One month earlier, turnover grew by 0.6 per cent from July 2019. At that time, the volume also grew by 0.4 per cent.

**Change in seasonally adjusted turnover and volume from the previous month of service industries , %**



Source: Statistics Finland

The data for the latest month are preliminary and they may become significantly revised particularly on more detailed industry levels in coming months. The volume of service industries is calculated by eliminating the effect of price changes from the turnover index.

The factors caused by the variation in the number of weekdays are taken into account in adjustment for working days. This means taking into consideration the lengths of months, different weekdays and holidays. In addition, seasonal variation is eliminated from seasonally adjusted series, on account of which it makes sense to compare observations of two successive months as well.

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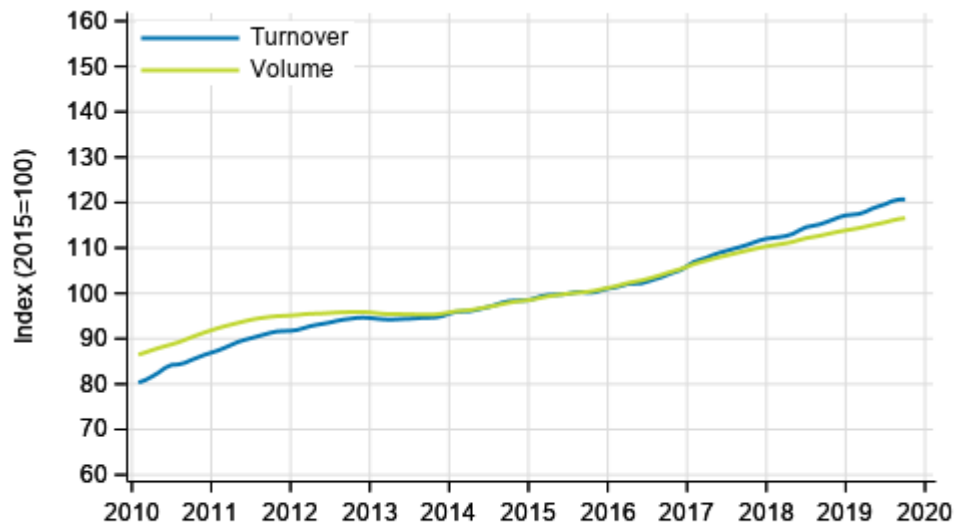
**Appendix table 1. Annual change in working day adjusted turnover and volume in sectors of services, % (TOL 2008)**

		Year-on-year change by three-month period, % <sup>1)</sup>				Cumulative year-on-year change, % <sup>1)</sup>	Year-on-year change in the latest month, % <sup>1)</sup>
		10-12/2018	01-03/2019	04-06/2019	07-09/2019	01-09/2019	09/2019
HIJLMNRS Other service activities total	Turnover	4.7	4.1	4.7	4.9	4.6	3.7
	Volume	3.4	2.7	3.1	3.6	3.2	2.5
H Transportation and storage	Turnover	3.5	3.6	3.8	3.1	3.5	1.9
	Volume	0.2	0.8	0.7	1.0	0.8	-0.3
I Accommodation and food service activities	Turnover	4.2	4.0	4.9	6.1	5.1	7.2
	Volume	1.7	1.2	2.9	4.0	2.8	4.4
J Information and communication	Turnover	5.4	5.3	6.3	6.8	6.1	4.9
	Volume	5.5	3.7	4.7	5.2	4.5	3.8
L=68 Real estate activities	Turnover	7.0	5.3	4.0	4.5	4.6	3.5
	Volume	5.9	3.7	2.3	3.0	3.0	2.8
M Professional, scientific and technical activities	Turnover	5.7	5.0	4.9	4.5	4.8	1.4
	Volume	3.8	3.4	3.2	3.9	3.5	2.4
N Administrative and support services activities	Turnover	5.0	5.3	5.9	6.2	5.8	6.0
	Volume	4.3	5.1	5.7	5.2	5.4	4.8
R Arts, entertainment and recreation	Turnover	-1.0	-2.8	-1.6	4.7	0.0	1.6
S Other service activities	Turnover	3.9	4.3	4.4	4.2	4.3	2.1

1) Year-on-year change compares the value for an examined time period to the value for the corresponding time period twelve months back.

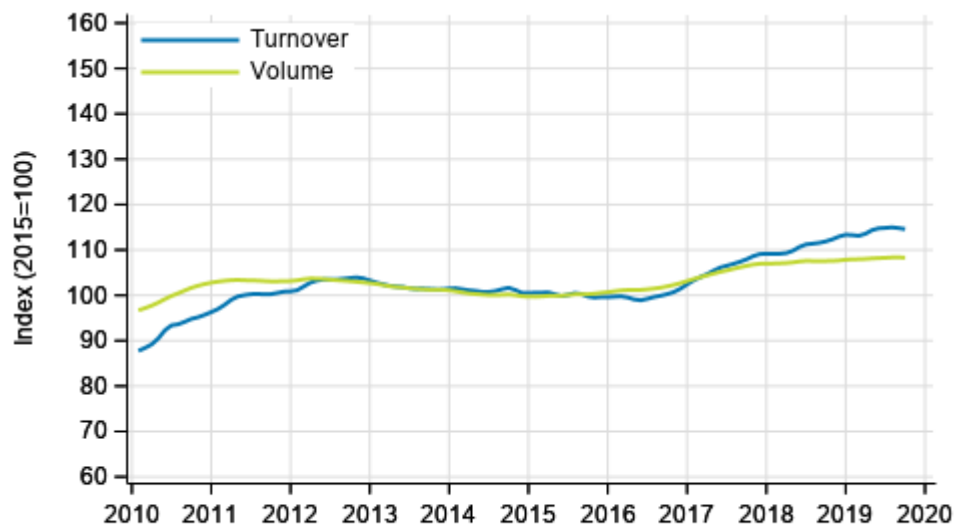
# Appendix figures

**Appendix figure 1. Turnover and volume of service industries, trend series**



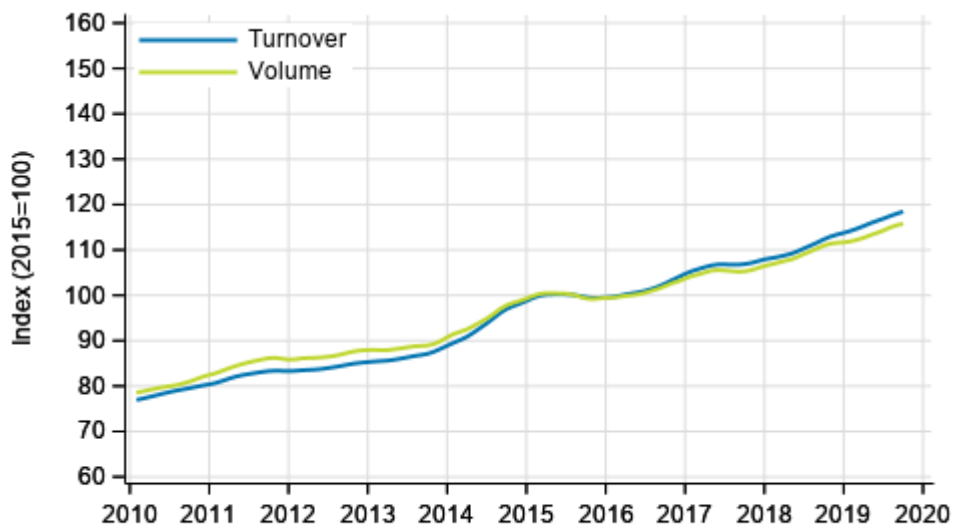
Source: Statistics Finland

**Appendix figure 2. Turnover and volume of transportation and storage, trend series**



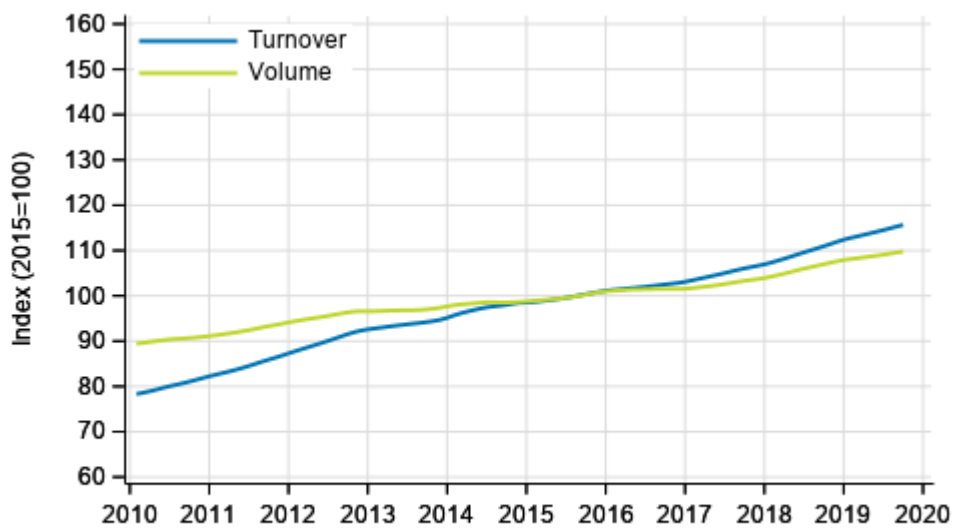
Source: Statistics Finland

**Appendix figure 3. Turnover and volume of information and communication, trend series**



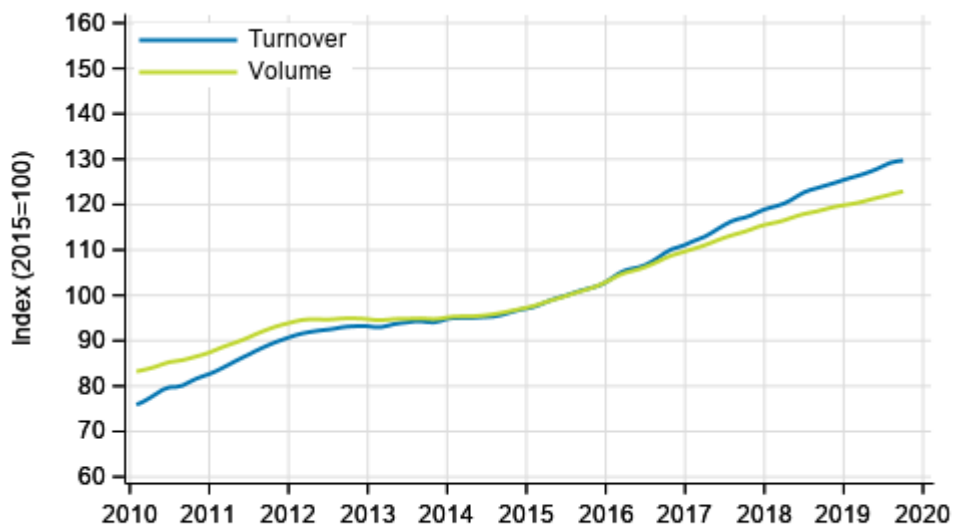
Source: Statistics Finland

**Appendix figure 4. Turnover and volume of real estate activities, trend series**



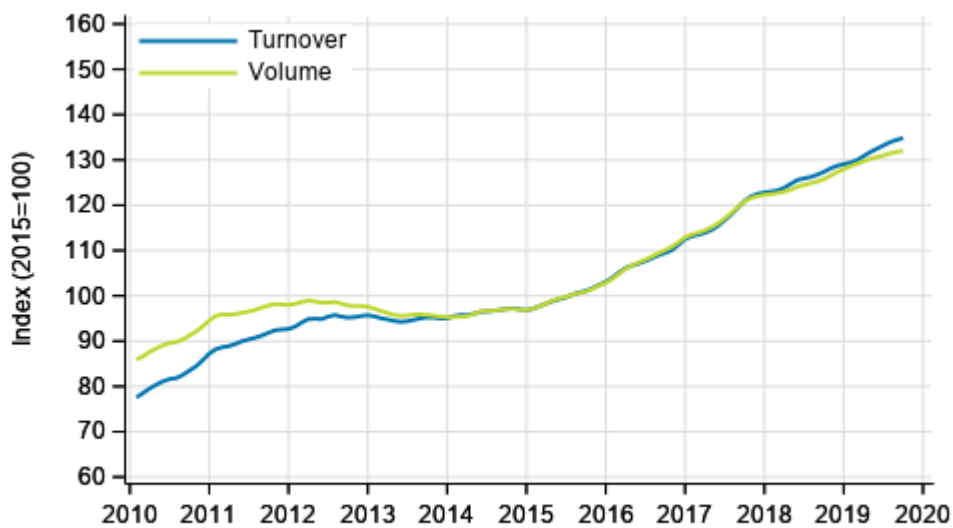
Source: Statistics Finland

**Appendix figure 5. Turnover and volume of professional, scientific and technical activities, trend series**



Source: Statistics Finland

**Appendix figure 6. Turnover and volume of administrative and support service activities, trend series**



Source: Statistics Finland



## Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

### Revision to annual changes in working day adjusted turnover in sectors of services<sup>1)</sup>

Industry / Reference period		Year-on-year change,%		Revision, percentage point
		1st release	Latest release (2019-11-14)	
HIJLMNRS Other service activities total	04/2019	5.7	6.5	0.8
	05/2019	4.5	4.2	-0.3
	06/2019	5.1	3.5	-1.6
	07/2019	3.9	5.4	1.5
	08/2019	4.5	5.7	1.2
H Transportation and storage	04/2019	5.5	5.4	-0.1
	05/2019	4.2	4.1	-0.1
	06/2019	5.0	1.9	-3.1
	07/2019	4.5	4.6	0.1
	08/2019	2.5	2.8	0.3
I Accommodation and food service activities	04/2019	5.3	4.9	-0.4
	05/2019	3.1	3.4	0.3
	06/2019	6.9	6.4	-0.5
	07/2019	4.0	4.6	0.6
	08/2019	2.4	6.6	4.2
J Information and communication	04/2019	7.3	8.8	1.5
	05/2019	7.2	6.5	-0.7
	06/2019	5.1	3.7	-1.4
	07/2019	6.5	8.9	2.4
	08/2019	5.7	6.8	1.1
L=68 Real estate activities	04/2019	5.3	5.1	-0.2
	05/2019	3.8	3.9	0.1
	06/2019	5.1	3.0	-2.1
	07/2019	4.0	4.4	0.4
	08/2019	4.1	5.6	1.5
M Professional, scientific and technical activities	04/2019	5.3	7.0	1.7
	05/2019	3.6	3.1	-0.5
	06/2019	5.7	4.8	-0.9
	07/2019	2.9	4.5	1.6
	08/2019	5.4	8.0	2.6
N Administrative and support services activities	04/2019	6.1	7.5	1.4
	05/2019	4.4	3.9	-0.5
	06/2019	7.7	6.5	-1.2
	07/2019	4.2	6.5	2.3
	08/2019	6.7	6.2	-0.5
R Arts, entertainment and recreation	04/2019	-0.2	2.2	2.4
	05/2019	2.0	3.9	1.9
	06/2019	-10.2	-9.9	0.3
	07/2019	-2.6	4.8	7.4
	08/2019	5.4	7.7	2.3

Industry / Reference period		Year-on-year change,%		Revision, percentage point
		1st release	Latest release (2019-11-14)	
S Other service activities	04/2019	7.3	7.2	-0.1
	05/2019	3.2	1.7	-1.5
	06/2019	5.6	4.6	-1.0
	07/2019	2.0	4.1	2.1
	08/2019	6.2	6.6	0.4

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

### Revision to long-term annual changes in turnover in sectors of services

Industry	Year	Average <sup>1)</sup>	Average for absolute values <sup>2)</sup>
HIJLMNRS Other service activities total	2015	-0.8	0.8
	2016	-0.9	0.9
	2017	-0.9	1.0
H Transportation and storage	2015	-0.4	0.4
	2016	-0.4	0.5
	2017	-0.3	0.4
I Accommodation and food service activities	2015	-0.5	0.8
	2016	-0.7	0.7
	2017	0.0	0.6
J Information and communication	2015	-0.5	0.5
	2016	-0.6	0.7
	2017	0.0	0.6
L=68 Real estate activities	2015	-1.6	1.6
	2016	-1.6	1.6
	2017	-2.5	3.1
M Professional, scientific and technical activities	2015	-2.0	2.0
	2016	-2.1	2.1
	2017	-2.7	2.7
N Administrative and support services activities	2015	-0.8	0.8
	2016	-1.2	1.2
	2017	-1.0	1.0
R Arts, entertainment and recreation	2015	-0.4	0.6
	2016	-0.7	0.8
	2017	-1.4	2.3
S Other service activities	2015	-1.2	1.2
	2016	-0.8	0.8
	2017	-1.0	1.1

1) In 2015, the average was calculated from data revised between the first and seventh release months in the statistical reference year. The average for 2016 and 2017 was calculated upon completion of the data for the first and last release months in the statistical reference year, when the official structural business and financial statement statistics are also published. The data were calculated from annual changes in the original index series.

2) In 2015, the average was calculated from the absolute values of differences between the first and seventh release months. The average for 2016 and 2017 was calculated from the absolute values of differences between the first and last release months in the statistical reference year, when the official structural business and financial statement statistics are also published. The data were calculated from annual changes in the original index series.

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Source: Turnover of service industries, Statistics Finland