

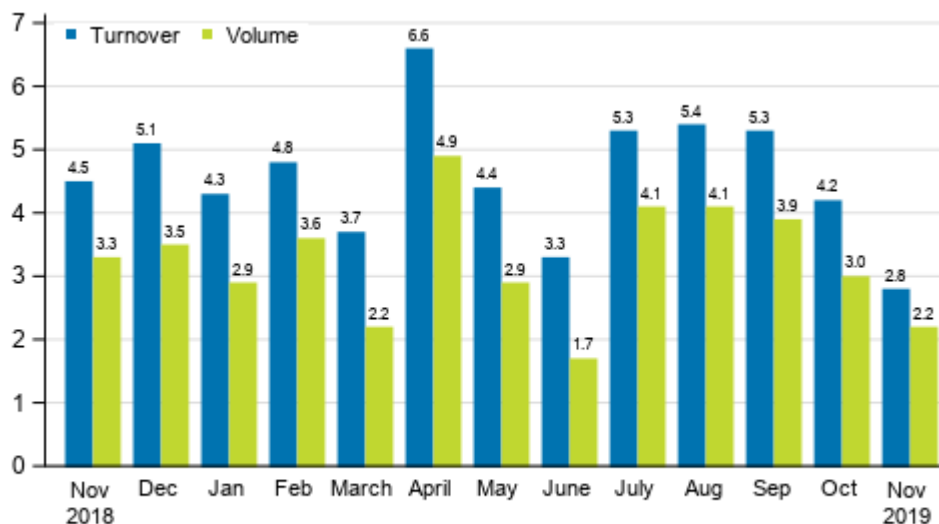
# Turnover in service industries

2019, November

## Turnover and output in services grew in November

Working day adjusted turnover in service industries grew by 2.8 per cent in November 2019 from November 2018. Service output or volume, from which the impact of prices has been eliminated, grew by 2.2 per cent over the same period. In this year's October, turnover reached a growth of 4.2 per cent, while volume went up by 3.0 per cent from one year back. The postal strike and its support strikes of over two weeks' duration in November caused exceptional development in some of the industries. Services are here examined exclusive of trade.

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



Source: Statistics Finland

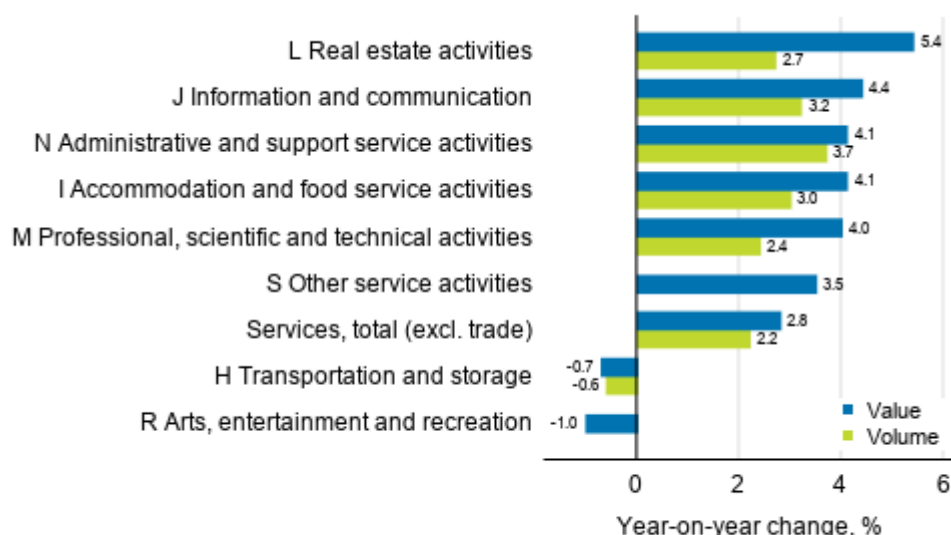
In November 2019, the best development among the main service industries was recorded in real estate activities, where working day adjusted turnover increased by 5.4 per cent from November 2018. The volume of the industry rose by 2.7 per cent in the same period. The working day adjusted turnover of the industry of information and communication activities increased by 4.4 per cent from November 2018. The volume grew by 3.2 per cent in the same period.

Among the main service industries, good growth was also recorded in administrative and support service activities and accommodation and food service activities, in both of which working-day adjusted turnover rose by 4.1 per cent in November 2019 from one year earlier. In the corresponding period, administrative and support service activities had the fastest volume growth among service industries when measured by volume, up by 3.7 per cent from November 2018. The volume of accommodation and food service activities rose by 3.0 per cent in November 2019 from one year ago.

Professional, scientific and technical activities also developed more briskly than the average for service industries, as working day adjusted turnover grew there by 4.0 per cent from November 2018, and other service activities, where working day adjusted turnover grew by 3.5 per cent in November 2019 from one year before. The volume of professional, scientific and technical activities rose by 2.4 per cent from November 2018.

The working-day adjusted turnover of the biggest service industry, transportation and storage activities, fell by 0.7 per cent in November 2019 from one year back. In the corresponding time, the volume of the industry went down by 0.6 per cent. Among the main service industries, weakest development was seen in arts, entertainment and recreation, where working day adjusted turnover decreased by 1.0 per cent from November 2018.

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

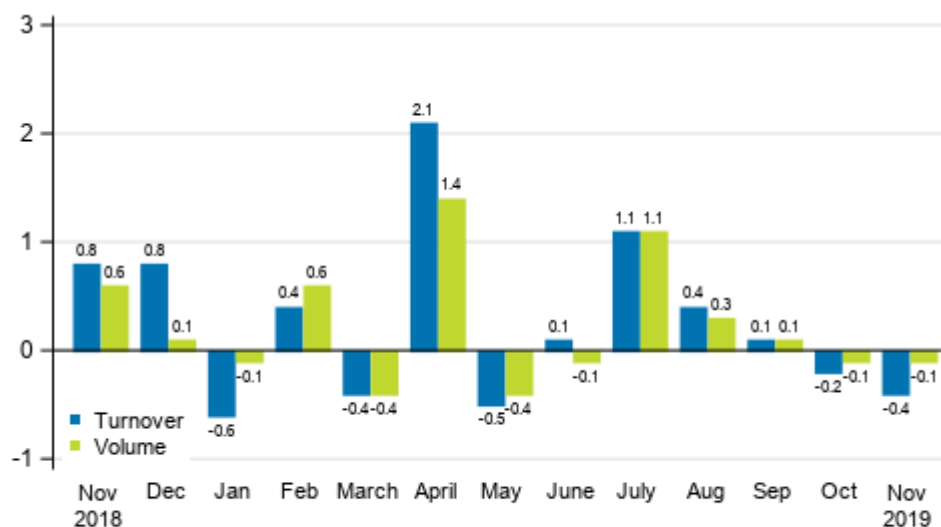


Source: Statistics Finland

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

Seasonally adjusted turnover in service industries declined in November 2019 by 0.4 per cent compared to October. The output of services, from which the impact of prices has been eliminated, fell by 0.1 per cent over the same period. In October, turnover fell by 0.2 per cent from the month before. Similarly, the volume went down then by 0.1 per cent from September 2019.

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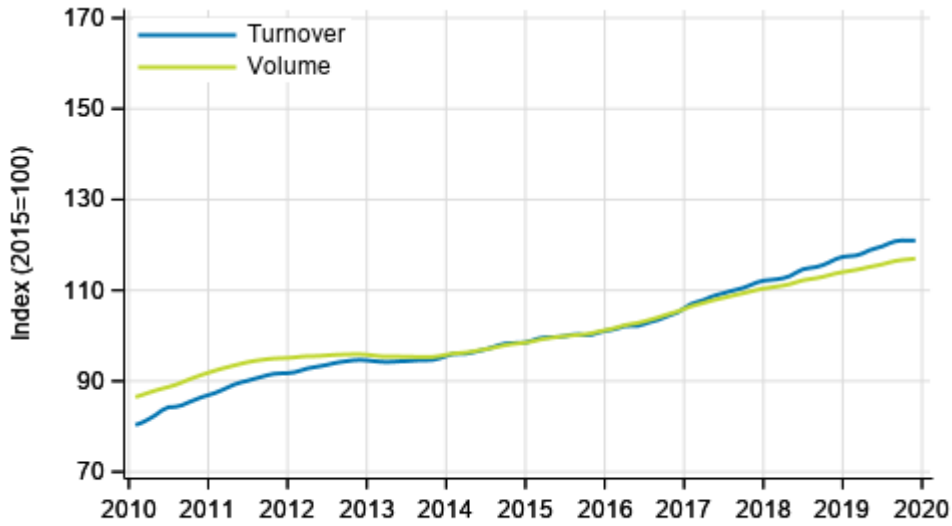
**Appendix table 1. Annual change in working day adjusted turnover and volume in sectors of services, % (TOL 2008)**

		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>
		12/2018-02/2019	03-05/2019	06-08/2019	09-11/2019		
HIJLMNRS Other service activities total	Turnover	4.8	4.9	4.6	4.1	4.5	2.8
	Volume	3.3	3.3	3.2	3.0	3.2	2.2
H Transportation and storage	Turnover	4.0	4.3	2.9	1.2	2.9	-0.7
	Volume	1.1	0.9	0.6	0.0	0.6	-0.6
I Accommodation and food service activities	Turnover	3.7	4.5	5.6	6.5	5.3	4.1
	Volume	0.9	2.2	3.7	4.5	3.1	3.0
J Information and communication	Turnover	5.0	6.5	6.4	5.9	6.3	4.4
	Volume	4.4	4.7	4.8	4.2	4.7	3.2
L=68 Real estate activities	Turnover	7.3	4.9	4.0	5.4	4.8	5.4
	Volume	5.4	3.5	2.0	4.0	3.2	2.7
M Professional, scientific and technical activities	Turnover	6.0	4.9	5.1	3.9	4.8	4.0
	Volume	3.8	3.3	3.4	3.3	3.4	2.4
N Administrative and support services activities	Turnover	5.1	5.6	6.4	5.6	5.8	4.1
	Volume	5.1	5.3	5.5	4.7	5.2	3.7
R Arts, entertainment and recreation	Turnover	-1.7	0.6	0.5	1.4	0.3	-1.0
S Other service activities	Turnover	4.7	4.4	5.5	3.6	4.6	3.5

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

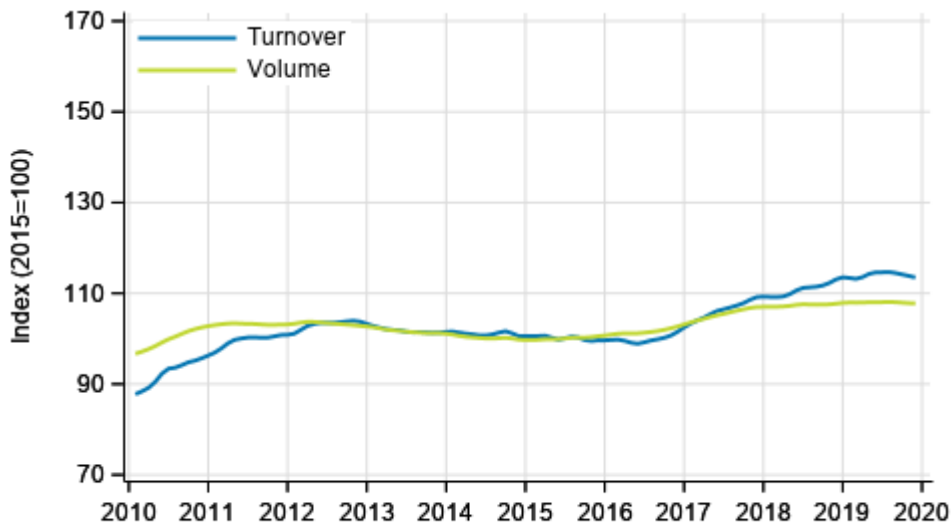
# Appendix figures

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



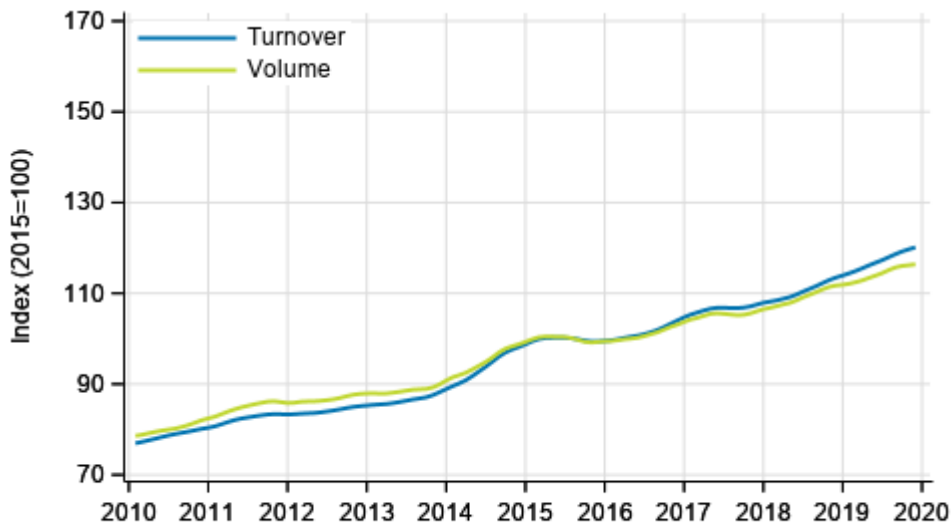
Source: Statistics Finland

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



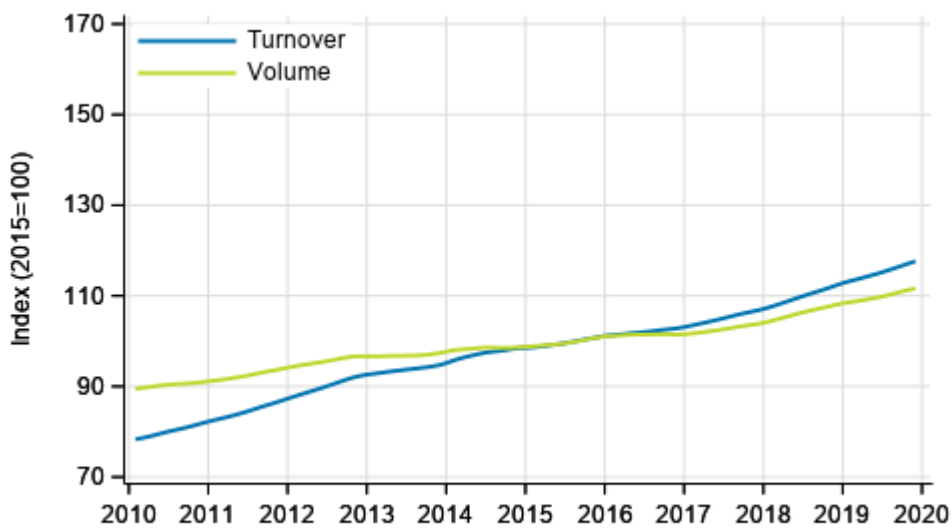
Source: Statistics Finland

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



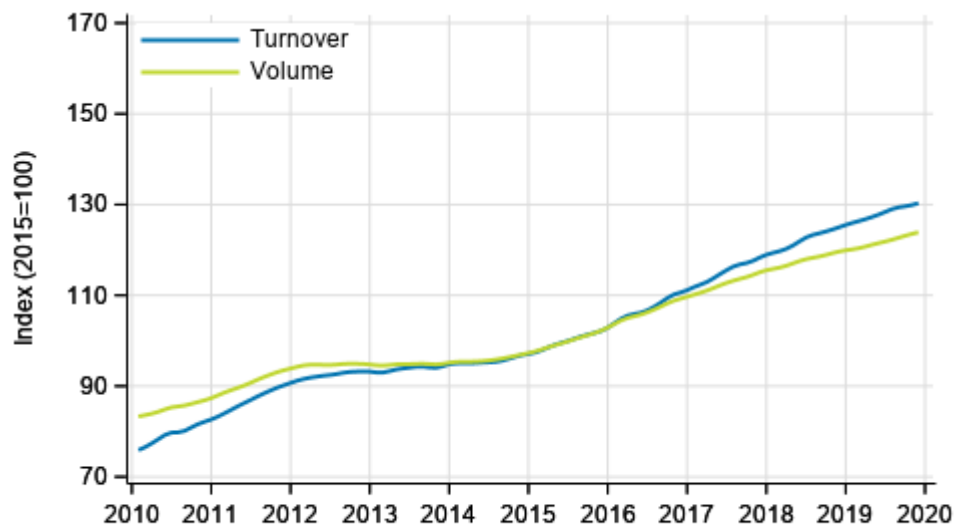
Source: Statistics Finland

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



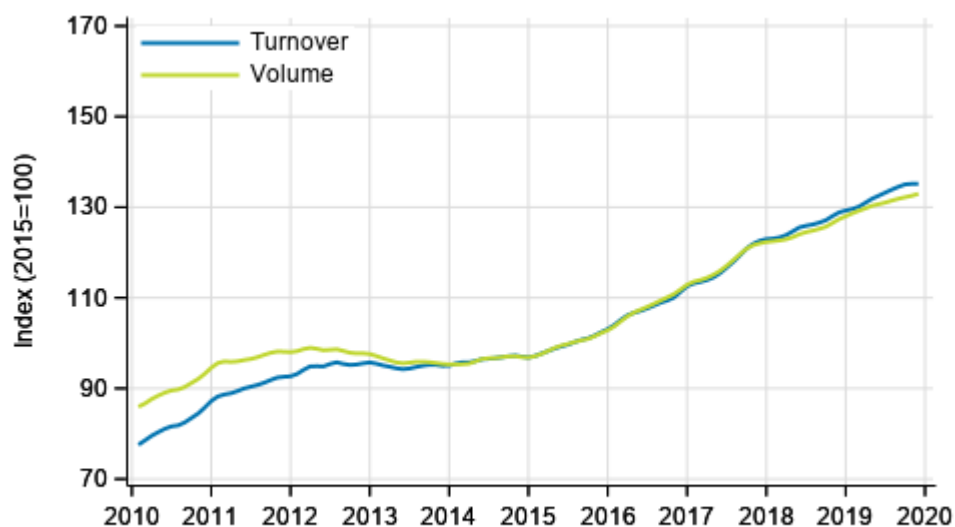
Source: Statistics Finland

**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 (2020-01-14)	
HIJLMNRS Other service activities total	06/2019	5.1	3.3	-1.8
	07/2019	3.9	5.3	1.4
	08/2019	4.5	5.4	0.9
	09/2019	3.7	5.3	1.6
	10/2019	3.3	4.2	0.9
H Transportation and storage	06/2019	5.0	1.8	-3.2
	07/2019	4.5	4.4	-0.1
	08/2019	2.5	2.5	0.0
	09/2019	1.9	2.2	0.3
	10/2019	1.7	2.1	0.4
I Accommodation and food service activities	06/2019	6.9	6.5	-0.4
	07/2019	4.0	4.2	0.2
	08/2019	2.4	6.3	3.9
	09/2019	7.2	8.0	0.8
	10/2019	5.9	7.5	1.6
J Information and communication	06/2019	5.1	3.7	-1.4
	07/2019	6.5	9.1	2.6
	08/2019	5.7	6.9	1.2
	09/2019	4.9	7.9	3.0
	10/2019	4.9	5.5	0.6
L=68 Real estate activities	06/2019	5.1	2.9	-2.2
	07/2019	4.0	4.3	0.3
	08/2019	4.1	4.9	0.8
	09/2019	3.5	5.0	1.5
	10/2019	3.3	5.7	2.4
M Professional, scientific and technical activities	06/2019	5.7	4.4	-1.3
	07/2019	2.9	4.1	1.2
	08/2019	5.4	6.9	1.5
	09/2019	1.4	3.1	1.7
	10/2019	3.4	4.6	1.2
N Administrative and support services activities	06/2019	7.7	6.5	-1.2
	07/2019	4.2	6.5	2.3
	08/2019	6.7	6.1	-0.6
	09/2019	6.0	7.6	1.6
	10/2019	4.7	5.1	0.4
R Arts, entertainment and recreation	06/2019	-10.2	-10.1	0.1
	07/2019	-2.6	5.3	7.9
	08/2019	5.4	7.3	1.9
	09/2019	1.6	5.7	4.1
	10/2019	-1.5	-0.4	1.1

Industry / Reference period		Year-on-year change, %		Revision, percentage point
		1st release	Latest release (2020-01-14)	
S Other service activities	06/2019	5.6	4.5	-1.1
	07/2019	2.0	4.7	2.7
	08/2019	6.2	7.3	1.1
	09/2019	2.1	3.8	1.7
	10/2019	2.9	3.4	0.5

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