

Statistical bulletin

Index of Services, UK: June 2020

Movements in the volume of output for the UK services industries. Figures are seasonally adjusted.



Contact: Mark Stephens ios.enquiries@ons.gov.uk +44 (0)1633 456387 Release date: 12 August 2020 Next release: 11 September 2020

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1. Main points

- Total services output decreased by 19.9% for Quarter 2 (Apr to June) 2020, compared with Quarter 1 (Jan to Mar) 2020, the largest fall since records began in January 1997; this was led by accommodation and food service activities, which fell by a record 86.7%, contributing negative 2.8 percentage points.
- There was a rise of 7.7% in the Index of Services between May 2020 and June 2020; of the 50 services industries, 47 grew between May and June 2020, though most remain substantially below their February 2020 level.
- The largest contribution to monthly growth was wholesale and retail trade and repair of motor vehicles and motorcycles, rising by 27.0%; of the 7.7% growth in services, 1.7 percentage points came from wholesale and retail trade and repair of motor vehicles and motorcycles.
- Services output between the three months to June 2019 and the three months to June 2020 decreased by 21.2%, the largest contraction in three months compared with the same three months of the previous year since records began in January 1997.
- The coronavirus (COVID-19) pandemic had a significant negative impact on output of the services industries during June 2020; for further and detailed analysis of the effect on our monthly Index of Services estimate, please see our article <u>Coronavirus and the impact on output in the UK economy, UK: June 2020</u>, published today (12 August 2020).

2. Index of Services data

Index of Services time series

Dataset | Dataset ID: IOS1 | Released 12 August 2020 Monthly movements in output for the services industries: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services.

Monthly Business Survey turnover of services industries

Dataset | Released 12 August 2020 Monthly Business Survey services industries' total turnover; current price and non-seasonally adjusted, UK.

Index of Services, main components and sectors to four decimal places

Dataset | Released 12 August 2020 Monthly historical movements in output for services and their industry components, by chained volume indices of gross value added, UK.

Index of Services revisions triangles

Dataset | Released 12 August 2020

Monthly chained volume indices in gross value added for services and its main components.

All data related to the Index of Services are available on the Related data page.

3. Measuring the data

Data sources and collection

The Index of Services (IoS) is compiled using data from several different sources:

- ONS: Monthly Business Survey (43.3%)
- ONS: Retail Sales Inquiry (6.6%)
- ONS: Government Expenditure (20.7%)
- ONS: Households' Expenditure (15.5%)
- ONS: Finance Expenditure (9.1%)
- Other (4.8%)

The Monthly Business Survey (MBS) data are published alongside this release in <u>MBS turnover in services</u> industries.

Data relating to the retail industry are broadly comparable with <u>Retail sales</u>, <u>Great Britain</u>: <u>June 2020</u>, <u>published</u> <u>on 24 July 2020</u>.

For further information on what is included within Other, please see the GDP(o) data sources catalogue.

Percentage of each data source is based on their gross value added weight. The GDP(o) methods and sources pages provide more information on the data that underpin these statistics; of particular note is the <u>GDP(o) data</u> sources catalogue.

From February 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small- and medium-sized businesses. For more information, see <u>VAT turnover data in national accounts:</u> <u>background and methodology</u>.

Quality and methodology

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the <u>Index of Services QMI.</u>

Leaving the EU

As the UK leaves the EU, it is important that our statistics continue to be of high quality and are internationally comparable. During the transition period, those UK statistics that align with EU practice and rules will continue to do so in the same way as before 31 January 2020.

After the transition period, we will continue to produce our national accounts statistics in line with the UK Statistics Authority's <u>Code of Practice for Statistics</u> and in accordance with internationally agreed statistical guidance and standards.

The Withdrawal Agreement outlines a need for UK gross national income (a fundamental component of the national accounts, which includes gross domestic product (GDP)) statistics to remain in line with those of other EU countries until the EU budgets are finalised for the years in which we were a member. To ensure comparability during this cycle, the national accounts will continue to be produced according to <u>European System</u> of Accounts (ESA) 2010 definitions and standards.

Coronavirus (COVID-19)

We are aware of the upcoming challenges relating to the pandemic. However, the Monthly Business Survey is fully online, meaning that business owners can log on from any location and submit their data at an appropriate time. Most other data in the Index of Services come from within the Office for National Statistics (ONS) and therefore will be less impacted than survey data.

Our latest data and analysis on the impact of the coronavirus (COVID-19) on the UK economy and population is now available on a new webpage. This will be the hub for all special virus-related publications, drawing on all available data.

The ONS has released a <u>public statement</u> on the coronavirus (COVID-19) and the production of statistics. Specific queries must be directed to the <u>Media Relations Office</u>.

4. Related links

Coronavirus and the impact on output in the UK economy, UK: June 2020

Article | Released 12 August 2020

Analysis of monthly growth for the production, services and construction industries in the UK economy between May and June 2020, highlighting the early impact from the coronavirus (COVID-19) pandemic.

A comparison between official estimates of UK output and diffusion indices

Article | Released 21 October 2019

The level of correlation between Office for National Statistics (ONS) data and IHS Markit and Chartered Institute of Procurement and Supply Purchasing Managers' Indices.

GDP monthly estimate, UK: June 2020

Bulletin | Released 12 August 2020

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy and includes the Index of Production (IoP), Index of Services (IoS) and construction output in Great Britain.

Services sector performance, UK: 2008 to 2018

Article | Released 2 April 2019

The article details the changes that have taken place in the UK services sector from 2008 to 2018. It also looks at the differences between public sector-dominated sectors and the rest of the Index of Services (IoS) and compares the growth of individual IoS sectors in more detail.

Index of Production, UK: June 2020

Bulletin | Released 12 August 2020 Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.

Office for National Statistics

Index of Services - Publication Tables

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Print All

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The below table provides a breakdown of what is inlcuded in the Index of Services including the four services categories, the section and industry levels.

Index of Services
G & I: Distribution, hotels & catering
H & J: Transport, storage & communications
K - N: Business services & finance O - T: Government & other services
G & I:Distribution, hotels & catering
G:Wholesale, retail and motor trade
45: Wholesale And Retail Trade And Repair Of Motor Vehicles And Motorcycles
46: Wholesale Trade, Except Of Motor Vehicles And Motorcycles 47: Retail Trade, Except Of Motor Vehicles And Motorcycles
I:Accommodation and food services
55: Accommodation
56: Food And Beverage Service Activities
H & J:Transport, storage & communications H:Transportation and storage
49.1-2: Rail transport
49.3-5: Land transport services and transport services via pipelines, excluding rail transport
50: Water Transport
51: Air Transport
52: Warehousing And Support Activities For Transportation 53: Postal And Courier Activities
J:Information and communication
JA:Publishing, audiovisual and broadcasting activities
58: Publishing Activities
59: Motion Picture, Video & TV Programme Production, Sound Recording & Music Publishing Activities
60: Programming And Broadcasting Activities
JB:Telecommunications 61: Telecommunications
JC:IT and other information service activities
62: Computer Programming, Consultancy And Related Activities
63: Information Service Activities
K - N:Business services & finance K:Financial and insurance activities
64: Financial Service Activities, Except Insurance And Pension Funding
65.1-2: Insurance and reinsurance, except compulsory social security
66: Activities Auxiliary To Financial Services And Insurance Activities
L:Real estate activities
68.1-2: Buying and selling, renting and operating of own or leased real estate, excluding imputed rent
68.2IMP: Imputed rent 68.3: Real estate activities on a fee or contract basis
M-N:M & N
M:Professional, scientific and technical activities
MA:Legal, accounting, management, architecture, engineering, technical testing activities
69.1: Legal activities
69.2: Accounting, bookkeeping and auditing activities; tax consultancy 70: Activities Of Head Offices; Management Consultancy Activities
71: Architectural And Engineering Activities; Technical Testing And Analysis
MB:Scientific Research And Development
72: Scientific Research And Development
MC:Other professional, scientific and technical activities
73: Advertising And Market Research 74: Other Professional, Scientific And Technical Activities
75: Veterinary Activities
N:Administrative and support service activities
77: Rental And Leasing Activities
78: Employment Activities
 Travel Agency, Tour Operator And Other Reservation Service And Related Activities Security And Investigation Activities
81: Services To Buildings And Landscape Activities
82: Office Administrative, Office Support And Other Business Support Activities
O - T:Government & other services O:Public administration and defence
84: Public Administration And Defence; Compulsory Social Security
P:Education
85: Education
Q:Human health and social work activities
QA:Human Health Activities
QA:Human Health Activities 86: Human Health Activities
QA:Human Health Activities
QA:Human Health Activities 86: Human Health Activities QB:Residential care and social work activities
QA:Human Health Activities 86: Human Health Activities QB:Residential care and social work activities 87: Residential Care Activities 88: Social Work Activities Without Accommodation R:Arts, Entertainment and Recreation
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IOS: Index of Services 1 IOS1 Chained volume indices of gross value added ^{2,3,4}

			Industry sections (SIC2007)		
				Pusinoss	Covora
	T-4-1	Distrik	Transat	Business	Govern-
	Total service	Distribution hotels and	Transport, storage and	services and	ment and other
	industries	restaurants	communication	finance	services
Section	G-T	G and I	H and J	K-N	O-T
2016 weights	1000	167	135	426	272
2010 weights	S2KU	S2MV	KI7B	KI7L	KI7T
2015	98.0	96.5	97.3	97.4	100.5
2016	100.0	100.0	100.0	100.0	100.0
2017	101.7	102.4	103.6	101.0	101.2
2018	103.7	105.5	107.6	102.8	101.9
2019	105.5	108.4	112.2	103.5	103.6
2018 Jun	103.6	105.9	107.0	102.8	101.9
Jul	103.9	106.9	107.2	103.0	101.9
Aug	104.1	106.6	109.0	102.9	102.1
Sep	104.2	106.1	109.9	102.8	102.2 102.4
Oct Nov	104.5 104.8	106.8	109.5 110.0	103.4 103.4	102.4
Dec	104.8	107.7 106.7	110.0	103.0	102.4
2019 Jan	104.5	108.1	111.5	102.8	102.0
Feb	104.0	108.3	111.5	102.0	102.7
Mar	105.1	108.3	111.7	103.1	103.0
Apr	105.0	108.4	111.3	103.1	103.1
May	105.1	108.4	112.2	102.0	102.3
Jun	105.5	108.5	112.6	103.4	103.6
Jul	105.9	108.7	112.0	103.4	103.0
Aug	105.9	108.7	112.3	103.9	103.7
Sep	105.8	108.4	112.8	103.8	104.0
Oct	105.8	108.9	112.8	103.8	104.0
Nov	105.8	108.2	111.4	104.2	104.1
Dec	106.1	108.0	112.3	103.9	104.5
2020 Jan	106.2	108.9	112.3	104.3	104.0
Feb	106.2	108.4	111.3	104.4	104.8
Mar	98.2	92.7	105.2	104.7	92.1
Apr	80.1	57.9	86.1	91.1	73.3
May	81.2	65.4	86.5	90.3	74.1
Jun	87.5	83.9	95.0	93.2	77.2
	test year on previous year				
	S222	S243	KI77	KI7G	KI7O
2015	2.2	4.0	3.7	2.1	0.7
2016	2.0	3.7	2.8	2.7	-0.5
2017	1.7	2.4	3.6	1.0	1.2
2018	2.0	3.0	3.8	1.8	0.7
2019	1.8	2.7	4.3	0.7	1.7
Percentage change, la	test month on same month a				
	S26Q	S28R	KI7A	K171	KI7Q
018 Jun	1.9	3.3	2.7	1.9	0.6
Jul	2.3	4.2	3.6	2.0	0.8
Aug	2.3	3.7	4.7	1.8	0.8
Sep	2.1	3.3	5.0	1.5	0.9
Oct	2.5	3.9	4.3	2.1	1.4
Nov	2.5 2.1	4.5 3.8	5.1 4.7	1.7 1.0	1.4 1.4
Dec 2019 Jan	2.1	3.8 4.5	4.7 5.8	0.2	1.4
Feb	2.0	4.5	5.8 7.0	0.2	1.4
Mar	2.6	4.0 5.2	5.7	0.9	1.6
Apr	2.4 1.9	5.2 4.1	5.7	0.0	1.3
Apr May	1.9	2.4	5.9 4.8	0.1	1.4
Jun	1.8	2.4 2.5	4.8 5.2	0.5	1.6
Jul	2.0	2.5	5.2 6.1	0.8	1.0
	2.0 1.7	2.0	6.1 3.0	0.9	1.7
Aug Sep	1.7	2.0	2.6	0.9	1.7
Oct	1.6	2.2	3.4	0.8	1.6
Nov	1.0	0.4	3.4 1.3	0.8	2.0
Dec	1.5	1.3	1.5	1.3	2.0
2020 Jan	1.3	0.8	-0.5	1.6	2.0
Feb	1.1	0.0	-0.3	1.5	1.7
Mar	-6.5	-14.5	-5.5	-0.9	-10.7
Apr	-23.8	-46.5	-23.3	-11.4	-28.7
May	-23.8	-40.5	-23.5	-11.4	-28.1
Jun	-17.1	-22.7	-22.0	-12.5	-25.5
	-1/.1		=10.0	-9.0	

The IOS output is designated as a National Statistic.
 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Satimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
 A complete run of data is available on the ONS website as a <u>Time series dataset</u>

Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

seasonally adjusted 2016 = 100



IOS: Index of Services¹

Chained volume indices of gross value $added^{2,3,4}$

seasonally adjusted 2016 = 100

	Industry sections (SIC2007)						
				Business	Govern		
	Total	Distribution	Transport,	services	ment and		
	service	hotels and	storage and	and	other		
	industries	restaurants	communication	finance	services		
Section	G-T	G and I	H and J	K-N	0-1		
2016 weights	1000	167	135	426	272		
araantaga ahanga late	at month on providuo n	aanth					
rercentage change, late	est month on previous n S222	S243	KI77	KI7G	KI7C		
2018 Jun	0.2		0.4	0.1	0.2		
Jul	0.2	1.0	0.4	0.2	0.2		
Aug	0.2	-0.4	1.7	-0.1	0.2		
Sep	-	-0.5	0.9	-0.1	0.1		
Oct	0.3	0.7	-0.4	0.5	0.2		
Nov	0.2	0.9	0.5	0.0	0.2		
Dec	-0.2	-1.0	0.6	-0.4	0.2		
2019 Jan	0.3	1.3	0.8	-0.2	0.1		
Feb	0.2	0.2	0.0	0.3	0.3		
Mar	0.2	0.2	-0.3	0.0	0.1		
Apr	-0.1	-0.1	0.7	-0.3	-0.1		
May	0.1	-0.1	-0.4	0.2	-0.		
Jun	0.4	0.1	-0.4	0.2	0.4		
Jul	0.4	0.1	1.0	0.4	0.2		
	-0.1	-0.1	-1.2	0.5	0.		
Aug	-0.1	-0.1	-1.2	-0.2	-0.1		
Sep	-0.1	-0.3	0.4	-0.2	-0. 0.1		
Oct Nov	-0.4	-0.7	-1.5	-0.3	0.3		
Dec	0.3	-0.1	0.8	0.4	0.2		
2020 Jan	0.1	0.8	-1.2	0.1	0.2		
Feb	-	-0.5	0.4	0.2	-0.1		
Mar	-7.5	-14.5	-5.5	-2.4	-12.1		
Apr	-18.5	-37.5	-18.2	-10.8	-20.3		
May	1.5 7.7	12.9 28.4	0.5 9.8	-0.9 3.2	1. ⁻ 4		
Jun	1.1	20.4	9.0	3.2	4.		
ercentage change, late	est 3 months on same 3	months a year ago					
	S2G6	S2I7	KI7C	KI7J	KI7F		
2018 Jun	1.9	2.9	3.0	2.1	0.2		
Jul	2.0	3.8	3.2	1.9	0.5		
Aug	2.1	3.7	3.7	1.9	0.7		
Sep	2.2	3.7	4.5	1.8	0.8		
Oct	2.3	3.6	4.7	1.8	1.1		
Nov	2.4	3.9	4.8	1.8	1.2		
Dec	2.4	4.0	4.7	1.6	1.4		
2019 Jan	2.2	4.2	5.2	1.0	1.4		
Feb	2.2	4.3	5.8	0.7	1.5		
Mar	2.3	4.8	6.2	0.6	1.6		
Apr	2.3	4.6	6.2	0.5	1.0		
May	1.9	3.9	5.4	0.3	1.4		
Jun	1.8	3.0	5.3	0.3	1.4		
Jul	1.8	2.2	5.3	0.6	1.6		
Aug	1.8	2.1	4.7	0.8	1.1		
Sep	1.7	2.0	3.9	0.9	1.8		
Oct	1.6	2.1	3.0	0.9	1.		
Nov	1.4	1.5	2.4	0.8	1.8		
Dec	1.4	1.2	2.0	0.9	1.9		
2020 Jan	1.3	0.8	0.8	1.1	2.0		
Feb	1.3	0.7	0.2	1.5	1.9		
Mar	-1.4	-4.5	-2.1	0.7	-2.3		
Apr	-9.7	-20.3	-9.7	-3.6	-12.6		
May	-17.7	-33.6	-17.1	-8.2	-22.5		
Jun	-21.2	-36.3	-20.5	-11.2	-27.4		

1 The IOS output is designated as a National Statistic. 2 Indices reflect values measured at basic prices, which exclude "taxes less

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IOS1 continued

IOS: Index of Services 1

Chained volume indices of gross value added $^{\rm 2,3,4}$

	Industry sections (SIC2007)					
				Business	Govern	
	Total	Distribution	Transport,	services	ment and	
	service	hotels and	storage and	and	other	
	industries	restaurants	communication	finance	services	
Section	G-T	G and I	H and J	K-N	0-1	
2016 weights	1000	167	135	426	272	
Percentage change, late	st 3 months on previous	s 3 months				
	S2BG	S2DH	KI7D	KI7K	KI7S	
2018 Jun	0.8	1.9	1.4	0.3	0.4	
Jul	0.9	2.6	1.6	0.4	0.4	
Aug	0.8	2.0	1.0	0.3	0.4	
Sep	0.7	1.2	2.0	0.2	0.4	
Oct	0.6	0.2	2.3	0.2	0.4	
Nov	0.6	0.2	1.9	0.3	0.4	
Dec	0.5	0.5	1.3	0.3	0.4	
2019 Jan	0.5	1.0	1.2	-	0.3	
Feb	0.3	0.8	1.3	-0.2	0.4	
Mar	0.4	1.1	1.3	-0.2	0.4	
Apr	0.3	0.8	0.9	-0.1	0.4	
May	0.2	0.7	0.4	-	0.2	
Jun	0.2	0.2	0.6	0.1	0.2	
Jul	0.4	0.2	0.8	0.4	0.4	
Aug	0.7	0.2	1.0	0.7	0.7	
Sep	0.6	0.1	0.7	0.8	0.7	
Oct	0.4	0.1	0.1	0.6	0.6	
Nov	0.1	-0.2	-0.3	0.3	0.4	
Dec	0.1	-0.2	-0.5	0.3	0.5	
2020 Jan	0.1	-0.3	-1.0	0.2	0.6	
Feb	0.2	-0.1	-0.8	0.5	0.6	
Mar	-2.3	-4.7	-2.8	-0.4	-3.7	
Apr	-10.5	-20.3	-9.6	-4.7	-13.9	
May	-18.5	-33.6	-17.0	-9.5	-23.8	
Jun	-19.9	-33.1	-18.3	-11.8	-25.5	

1 The IOS output is designated as a National Statistic.

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".

3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website as a Time series dataset

RIOS1

IOS: Index of Services Revisions since previously published estimates

seasonally adjusted 2016 = 100

			Industry sections (SIC2007)	
				Business	Govern
	Total	Distribution	Transport,	services	ment and
	service industries	hotels and restaurants	storage and communication	and finance	other services
ection	G-T	G and I	H and J	K-N	0-1
016 weights	1000	167	135	426	272
To weights	S2KU	S2MV	KI7B	KI7L	KI71
2015	02100	021010			
2016	_		-	-	
2017	_		-	-	
2018	-	-	-	-	
2019	-	-	-	-	
2018 May	-	-	-	-	
Jun	-	-	-	-	
Jul	-	-	-	-	
Aug	-	-	-	-	
Sep	-	-	-	-	
Oct	-	-	-	-	
Nov	-	-	-	-	
Dec	-	-	-	-	
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	
Mar	-	-	-	-	-
Apr	-	-	-	-	
May	-	-	-	-	
Jun	-	-	-	-	
Jul	-	-	-	-	
Aug	-	-	-	-	
Sep Oct	-	-	-	-	
Nov	-	-	-	-	
Dec	-	-	-	-	
2020 Jan	-	-	-	-	
Feb		-		-	
Mar	-				
Apr	0.4	0.2	0.7	0.1	.0.8
May	0.9	0.2	1.8	0.3	1.6
	est year on previous yea				
ercentage change, late	S222	" S243	KI77	KI7G	KI7C
2015	-	-	-	-	
2016	-	-	-	-	
	-	-	-	-	
2017				_	
2017 2018	-	-	-		-
2018	-	-	-	-	
2018 2019	-	-		-	
2018 2019	est month on same mon	۔ th a year ago	-		- -
2018 2019 ercentage change, late	-	-		- K171	KI7G
2018 2019 ercentage change, late 2018 May	est month on same mon S26Q	- th a year ago S28R	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun Jun Jul	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun Jul Aug	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7C
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7C
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan	est month on same mon S26Q -	- th a year ago S28R -	- KI7A		KI7Q
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7G
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2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7G
2018 2019 ercentage change, late 2018 May Jun Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7Q
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7C
2018 2019 ercentage change, late 2018 May Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7C
2018 2019 ercentage change, late 2018 May Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jun Aug	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7O
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7C
2018 2019 ercentage change, late 2018 May Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr Feb Mar Apr Jun Jul Aug Sep Oct	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7C
2018 2019 ercentage change, late 2018 May Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jun Jun Jun Sep Oct Nov	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7C
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7G
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7G
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI7G
2018 2019 ercentage change, late 2018 May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	est month on same mon S26Q -	- th a year ago S28R -	- KI7A - - - - - - - - - - - -		KI70

The earliest period open for revision is April 2020



IOS: Index of Services Revisions since previously published estimates

Total Distribution Transport, storage and industrise restrice storage and restrict and finance ment service Sacion C-T G and I H and J K.N exervices 2016 weights 1000 167 135 426 ercentage change, latest month on previous month S222 S243 K/I7 K/IG K 2018 May - - - - - - Jun - - - - - - Aug - </th <th></th> <th></th> <th></th> <th>Industry sections (SIC20</th> <th>)7)</th> <th></th>				Industry sections (SIC20)7)		
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Oct -		-	-	-	-		
Nov -		-	-	-	-		
Dec - - - - 2020 Jan - - - - - Feb - - - - - Mar - - - - -		-	-	-	-		
2020 Jan - - -<		-	-	-	-		
Feb - - - - - Mar - - - - - -		-	-	-	-		
Feb - - - - - Mar - - - - - -	2020 Jan	-	-	-	-		
Mar		-	-	-	-		
		-	-	-	-		
	Apr	0.2	0.1	0.2		0.2	
May 0.4 0.2 0.8 0.1					0.1	0.2	

The earliest period open for revision is April 2020



IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2016 = 100

			Industry sections (SIC200	7)	
				Business	Govern
	Total	Distribution	Transport,	services	ment and
	service	hotels and	storage and	and	other
	industries	restaurants	communication	finance	services
Section	G-T	G and I	H and J	K-N	0-1
2016 weights	1000	167	135	426	272
Percentage change, late	est 3 months on previou	is 3 months			
	S2BG	S2DH	KI7D	KI7K	KI7S
2018 May	-	-	-	-	
Jun	-	-	-	-	
Jul	-	-	-	-	
Aug	-	-	-	-	
Sep	-	-	-	-	
Oct	-	-	-	-	
Nov	-	-	-	-	
Dec	-	-	-	-	
2019 Jan	-	-	-	-	
Feb	-	-	-	-	
Mar	-	-	-	-	
Apr	-	-	-	-	
May	-	-	-	-	
Jun	-	-	-	-	
Jul	-	-	-	-	
Aug	-	-	-	-	
Sep	-	-	-	-	
Oct	-	-	-	-	
Nov	-	-	-	-	
Dec	-	-	-	-	
2020 Jan	-	-	-	-	
Feb	-	-	-	-	
Mar		-	-	-	
Apr	0.2	0.1	0.2	-	0.3
May	0.4	0.2	0.7	0.2	0.8

The earliest period open for revision is April 2020

IOSCOMP

IOS: Index of Services Chained volume indices of gross value added ^{1,2,3}

seasonally adjusted 2016 = 100

			Industry components (S	IC2007)	
		Wholesale			
		and retail trade	Wholesale	Retail trade,	
	Wholesale,	and repair of	trade, except of	except of	
	retail and	motor vehicles	motor vehicles	motor vehicles	Transportation
	motor trades	and motorcycles	and motorcycles	and motorcycles	and storage
Component	G	45	46	47	ł
2016 weights	131	21	44	66	53
-	S2KV	S2KW	S2KX	S2KY	S2K
2015	95.9	91.5	99.0	95.5	101.3
2016	100.0	100.0	100.0	100.0	100.0
2017	102.5	101.8	103.5	102.0	101.8
2018	105.7	101.3	109.7	104.5	103.0
2019	108.7	103.1	113.1	107.5	105.9
0040	100.0			1017	10.1
2018 Jun Jul	106.0 107.2	101.1	110.3 112.8	104.7 105.3	104.0 104.1
		101.3			
Aug	107.1	102.0	111.2	105.9	104.
Sep	106.3	98.4	111.5	105.4	104.0
Oct	106.9	101.5	111.9	105.3	105.3
Nov	107.8	101.6	112.7	106.6	105.
Dec	106.6	101.4	110.6	105.7	105.6
2019 Jan	108.1	103.7	112.4	106.6	106.0
Feb	108.3	102.7	112.6	107.1	106.0
Mar	108.7	102.2	112.7	108.0	106.4
Apr	108.8	103.6	113.0	107.7	106.3
May	108.9	103.5	113.0	107.3	100.
Jun	108.4	103.4	111.5	108.0	105.
Jul	108.9	102.2	112.8	108.5	107.4
Aug	109.2	103.7	113.5	108.1	106.:
Sep	109.0	101.7	114.2	107.8	105.3
Oct	109.6	103.1	115.1	108.0	106.3
Nov	108.3	103.2	112.7	107.0	104.8
Dec	108.1	103.8	112.8	106.3	105.3
2020 Jan	109.4	105.0	114.1	107.6	106.4
Feb	108.6	105.3	112.1	107.3	105.3
Mar	97.9	69.0	105.8	101.7	91.8
Apr	70.8	6.7	82.5	83.4	64.
May Jun	80.1 101.7	15.7 81.0	90.5 104.1	93.7 106.7	68.: 79.
Percentage change, latest y					
ercentage change, latest y	S223	S224	S225	S226	S22
2015	3.9	8.8	2.0	3.8	0.9
2016	4.2	9.3	1.0	4.8	-1.3
2017	2.5	1.8	3.5	2.0	1.6
2018	3.2	-0.5	5.9	2.5	1.8
2019	2.8	1.8	3.1	2.9	2.2
ercentage change, latest m	onth on same month	a vear ago			
	S26R	S26S	S26T	S26U	S26
2018 Jun	3.2	-0.7	5.5	2.9	3.
Jul	4.8	-0.8	9.2	3.6	2.
Aug	4.0	-0.6	7.5	3.2	2.8
Sep	3.1	-4.9	7.1	3.0	2.
Oct	3.7	0.2	7.2	2.5	2.
Nov	4.4	0.8	7.4	3.4	3.
Dec	3.7	0.6	5.8	3.2	3.
2019 Jan	4.5	1.0	6.8	4.1	3.
Feb	4.3	1.4	5.8	4.1	4.
Mar	4.3	1.4	5.8	6.4	4. 5.
Apr	4.5	2.6	5.1	4.6	4.
May	2.6	1.0	4.4	1.9	2.
Jun	2.3	2.3	1.1	3.2	1.
Jul	1.6	0.8	-	3.0	3.
Aug	2.0	1.7	2.1	2.0	1.
Sep	2.5	3.4	2.4	2.3	0.
Oct	2.5	1.6	2.8	2.6	0.
Nov	0.4	1.6	-	0.4	-0.
Dec	1.3	2.3	1.9	0.4	-0.
2020 Jan	1.3	2.3	1.9	0.8	-0. 0.
Feb	0.3	2.6	-0.5	0.2	-0.
Max	-10.0	-32.5	-6.1	-5.8	-13.
Mar					
Apr	-34.9	-93.5	-27.0	-22.5	
				-22.5 -12.7 -1.2	-39.3 -35.4 -24.3

1 Indices reflect values measured at basic prices, which exclude "taxes less

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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IOSCOMP

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$ seasonally adjusted 2016 = 100

			Industry components (SI	C2007)	
		Wholesale			
		and retail trade	Wholesale	Retail trade,	
	Wholesale,	and repair of	trade, except of	except of	
	retail and	motor vehicles	motor vehicles	motor vehicles	Transportation
	motor trades	and motorcycles	and motorcycles	and motorcycles	and storage
Component	G	45	46	47	Ĩ
2016 weights	131	21	44	66	5
ercentage change lates	t month on previous mo	nth			
ercentage change, lates	S223	S224	S225	S226	S22
2018 Jun	-0.1	-1.3	1.0	-0.6	0.5
Jul	1.1	0.2	2.2	0.6	0.
Aug	-0.1	0.6	-1.4	0.5	0.
Sep	-0.7	-3.5	0.3	-0.5	0.
Oct	0.5	3.2	0.4	-0.1	0.
Nov	0.9	0.1	0.7	1.3	0.
Dec	-1.1	-0.2	-1.9	-0.9	0.
2019 Jan	1.4	2.3	1.6	0.9	0.
Feb	0.1	-1.0	0.2	0.5	
Mar	0.4	-0.4	0.1	0.9	0.
Apr	0.1	1.4	0.2	-0.3	-0.
May	0.1	-0.2	1.0	-0.4	-0.
•	-0.5	-0.2	-2.2	0.7	-0. -0.
Jun					
Jul	0.4	-1.2	1.2	0.4	2.
Aug	0.3	1.5	0.6	-0.4	-1.
Sep	-0.2	-1.9	0.6	-0.2	-0.
Oct	0.5	1.3	0.8	0.1	0.
Nov	-1.1	0.1	-2.0	-0.9	-1.
Dec	-0.2	0.6	0.1	-0.7	0.
2020 Jan	1.2	1.2	1.1	1.2	1.
Feb	-0.7		-1.7		
		0.3		-0.3	-1.
Mar	-9.9	-34.5	-5.6	-5.2	-12.
Apr	-27.6	-90.3	-22.1	-18.0	-29.
May	13.1	133.4	9.7	12.3	5.
Jun	27.0	417.2	15.0	13.9	16.
ercentage change, lates	t 3 months on same 3 m	onths a vear ago			
· · · · · · · · · · · · · · · · · · ·	S2G7	S2G8	S2G9	S2GA	S2GI
2018 Jun	3.2	0.9	5.4	2.4	1.
Jul	4.1	0.9	7.1	3.4	2.
		-			
Aug	4.0	-0.7	7.4	3.2	2.
Sep	4.0	-2.1	7.9	3.3	2.
Oct	3.6	-1.8	7.3	2.9	2.
Nov	3.7	-1.3	7.2	3.0	3.
Dec	3.9	0.5	6.8	3.0	3.
2019 Jan	4.2	0.8	6.7	3.6	3.
Feb	4.2	1.0	6.2	3.8	3.
Mar	4.2	1.0	6.1	4.8	3. 4.
Apr	4.7	2.0	5.6	5.0	4.
May	4.2	1.8	5.1	4.3	4.
Jun	3.1	1.9	3.5	3.2	2.
Jul	2.2	1.3	1.8	2.7	2.
Aug	2.0	1.6	1.1	2.7	2.
Sep	2.0	2.0	1.5	2.4	1.
Oct	2.3	2.2	2.4	2.3	1.
Nov	1.8	2.2	1.7	1.8	0.
					0.
Dec	1.4	1.8	1.6	1.2	-
2020 Jan	1.0	1.7	1.1	0.7	-0.
Feb	0.9	2.0	1.0	0.6	-0.
Mar	-2.8	-9.5	-1.7	-1.6	-4.
Apr	-14.9	-41.3	-11.2	-9.4	-17.
May	-23.8	-70.5	-17.9	-13.7	-29.
Jun	-23.5	-66.7	-18.2	-13.7	-33.
Jun	-22.3	-00.7	-10.2	-12.1	-33.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (S	C2007)	
		Wholesale			
		and retail trade	Wholesale	Retail trade,	
	Wholesale,	and repair of	trade, except of	except of	
	retail and	motor vehicles	motor vehicles	motor vehicles	Transportatior
	motor trades	and motorcycles	and motorcycles	and motorcycles	and storage
Component	G	45	46	47	ŀ
2016 weights	131	21	44	66	52
Percentage change, late	st 3 months on previous	3 months			
······································	S2BH	S2BI	S2BJ	S2BK	S2BL
2018 Jun	1.9	0.1	2.8	2.0	1.4
Jul	2.7	0.8	3.7	2.6	2.3
Aug	2.2	0.2	3.4	2.0	2.2
Sep	1.4	-1.0	2.6	1.2	1.4
Oct	0.3	-1.0	0.7	0.4	1.0
Nov	0.2	-1.0	0.5	0.4	0.9
Dec	0.2	0.9	-0.1	0.3	1.0
2019 Jan	0.7	1.6	0.3	0.7	0.9
Feb	0.6	2.1	-0.1	0.7	0.7
Mar	1.1	1.4	0.7	1.3	0.6
Apr	1.0	0.6	0.8	1.2	0.5
May	1.1	0.5	1.2	1.1	0.3
Jun	0.4	0.6	0.2	0.4	-0.3
Jul	0.2	0.1	-	0.3	-0.1
Aug	-	-	-0.5	0.5	0.1
Sep	0.3	-0.9	0.6	0.4	0.5
Oct	0.4	-0.2	1.3	-	-0.2
Nov	0.1	-0.4	1.2	-0.5	-0.8
Dec	-0.3	0.8	-	-0.9	-0.8
2020 Jan	-0.6	1.1	-0.9	-0.9	-0.4
Feb	-0.3	2.0	-0.9	-0.5	0.2
Mar	-3.1	-9.9	-2.5	-1.5	-4.1
Apr	-14.9	-42.0	-11.5	-8.9	-17.3
May	-23.7	-70.9	-17.7	-13.2	-29.1
Jun	-20.0	-63.0	-16.5	-10.4	-30.0

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a hindles relief values measured at basic prices, which exclude taxes less subsidies on products".
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4 A complete run of data is available on the ONS website as a Time index numbers.

Time series dataset

IOS: Index of Services Chained volume indices of gross value added ^{1,2,3}

seasonally adjusted 2016 = 100

			Industry components (SIC	12001	Warehousir
		Land transport, excluding			and suppo activities for
	Rail transport	rail transport	Water transport	Air transport	transportatio
Component	49.1-2	49.3-5	50	51	
016 weights	3	17	4	3	1
0	S2L2	S2L3	S2L4	S2L5	S2L
2015	99.3	98.0	110.9	93.2	104
2016	100.0	100.0	100.0	100.0	100
2017	102.2	98.2	95.0	106.0	103
2018	103.4	97.0	94.1	114.8	103
2019	106.7	100.4	91.4	114.2	111
2018 Jun	104.1	95.4	94.4	117.6	109
Jul	104.4	96.5	94.7	118.7	109
Aug	104.4	97.6	94.9	121.2	108
Sep	104.3	98.4	94.6	121.7	107
Oct	104.3	98.0	94.2	121.5	107
Nov	104.4	99.4	93.8	119.2	109
Dec	104.7	100.9	93.6	120.4	108
2019 Jan	105.3	100.3	92.3	119.1	110
Feb	105.3	100.8	91.3	118.0	110
Mar	104.9	100.8	90.8	122.6	110
Apr	105.8	101.8	90.6	114.1	110
•			90.2	114.1	
May	106.4	101.7			109
Jun	108.0	101.0	89.7	114.4	110
Jul	109.3	102.7	89.4	113.5	112
Aug	107.9	100.5	89.9	115.2	111
Sep	106.8	99.5	91.5	109.6	111
Oct	106.5	100.4	93.4	108.6	112
Nov	106.9	98.6	94.5	109.5	110
Dec	107.6	96.8	93.8	111.8	112
2020 Jan	107.6	99.5	91.4	109.8	113
Feb	107.0	97.7	87.5	111.2	113
Mar	82.6	85.1	70.3	58.5	103
Apr	20.2	52.9	36.2	4.4	86
•					
May	18.6	58.3	40.9	3.3	90
Jun	26.6	78.5	59.5	4.8	94
Percentage change, latest y		0000	0004	0005	000
	S228	S229	S22A	S22B	S22
2015	1.5	4.5	-14.6	2.2	0
2016	0.7	2.0	-9.9	7.3	-4
	2.2	1.0	-5.0	6.0	3
2017		-1.0	-5.0		
2017		-1.8			
2018	1.2	-1.3	-1.0	8.3	4
					3 4 3
2018 2019	1.2 3.2 nonth on same month a	-1.3 3.5 a year ago	-1.0 -2.8	8.3 -0.5	4 3
2018 2019 Percentage change, latest n	1.2 3.2 nonth on same month a S26W	-1.3 3.5 A year ago S26X	-1.0 -2.8 S26Y	8.3 -0.5 S26Z	4 3 S27
2018 2019 Percentage change, latest n 2018 Jun	1.2 3.2 nonth on same month a S26W 2.8	-1.3 3.5 a year ago S26X 0.4	-1.0 -2.8 \$26Y -1.5	8.3 -0.5 S26Z 8.7	4 3 S2 7
2018 2019 Percentage change, latest n 2018 Jun Jul	1.2 3.2 month on same month a \$26W 2.8 2.4	-1.3 3.5 a year ago \$26X 0.4 -1.0	-1.0 -2.8 S26Y -1.5 -0.4	8.3 -0.5 S26Z 8.7 8.6	4 3 S21 7 7 7
2018 2019 Percentage change, latest n 2018 Jun	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6	-1.3 3.5 a year ago S26X 0.4 -1.0 -0.2	-1.0 -2.8 S26Y -1.5 -0.4 0.6	8.3 -0.5 S26Z 8.7	4 3 521 7 7 5
2018 2019 Percentage change, latest n 2018 Jun Jul	1.2 3.2 month on same month a \$26W 2.8 2.4	-1.3 3.5 a year ago \$26X 0.4 -1.0	-1.0 -2.8 S26Y -1.5 -0.4	8.3 -0.5 S26Z 8.7 8.6	4 3 521 7 7 5
2018 2019 Percentage change, latest n 2018 Jun Jul Aug	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6	-1.3 3.5 a year ago S26X 0.4 -1.0 -0.2	-1.0 -2.8 S26Y -1.5 -0.4 0.6	8.3 -0.5 S26Z 8.7 8.6 14.0	4 3 527 7 7 5 3
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7	4 3 52 7 7 7 5 3 3 3 3
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6	4 3 7 7 5 3 3 4
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec	1.2 3.2 nonth on same month a \$26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5	4 3 7 7 5 3 3 3 4 4
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2	4 3 52 7 5 3 3 3 4 1 3
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2	4 3 7 7 3 3 3 3 4 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0	-1.3 3.5 • year ago 0.4 -1.0 -0.2 0.4 2.6 4.8 2.8 6.0 6.5	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 15.2 14.2 17.8	4 3 7 7 5 3 3 4 1 1 3 3 4 4 4
2018 2019 ercentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2	4 3 7 7 5 3 3 4 1 1 3 3 4 4 4
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9	-1.3 3.5 • year ago 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0	4 3 7 7 5 3 3 4 4 1 3 3 3 4 4 3 3 3 3 3 4 3 3 3 4 3 3 3 3
2018 2019 Percentage change, latest n Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.7	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5	4 3 52 7 5 3 3 3 4 1 3 3 4 3 3 2 2
2018 2019 Percentage change, latest n Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 6.0 6.5 7.0 6.7 5.9	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.5 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8	4 3 52 7 7 5 3 3 3 4 4 1 3 3 3 4 4 3 3 2 0 0
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.4 2.6 4.8 6.0 6.5 7.0 6.7 5.9 6.5	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4	4 3 52 7 7 5 3 3 3 4 4 1 3 3 4 4 3 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4	-1.3 3.5 • year ago 0.4 -1.0 -0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.5 7.0 6.5 3.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0	4 3 7 7 5 3 3 4 4 1 3 3 4 4 3 3 2 2 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest n Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.7 5.9 6.7 5.9 6.5 3.0 1.1	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0	4 3 52 7 5 3 3 3 4 1 1 3 3 4 3 3 2 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4	-1.3 3.5 • year ago 0.4 -1.0 -0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.5 7.0 6.5 3.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0	4 3 52 7 5 3 3 3 4 1 3 3 4 3 3 2 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest n Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.7 4.7 3.4 2.3 2.1	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.5 7.0 6.7 5.9 6.5 3.0 1.1 2.4	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.6	4 3 52 7 7 5 3 3 3 4 4 1 3 3 3 4 4 3 3 2 2 0 0 3 3 3 2 2
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 6.0 6.5 7.0 6.5 3.0 1.1 2.4 -0.8	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.6 -8.2	4 3 52 7 7 5 3 3 3 4 4 1 3 3 4 4 3 3 2 2 0 3 3 3 3 2 2 1
2018 2019 Percentage change, latest m Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	1.2 3.2 month on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8	-1.3 3.5 • year ago 0.4 -1.0 -0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.5 7.0 6.5 3.0 1.1 2.4 6.5 3.0 1.1 2.4 4.0	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.6 -8.2 -7.2	4 3 52 7 7 7 5 3 3 3 4 4 1 3 3 4 4 3 3 2 0 0 3 3 3 3 2 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
2018 2019 Percentage change, latest n 2018 Jun Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8 2.2	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.7 5.9 6.5 3.0 1.1 2.4 -0.8	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2 -1.0	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.0 -10.6 -8.2 -7.2 -7.9	4 3 52 7 5 3 3 3 4 1 1 3 3 3 4 3 3 2 0 0 3 3 3 2 2 0 0 3 3 3 2 2 1 1 4 4 2
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Ec Sep Oct Nov Dec 2019 Jan Feb	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8 2.2 1.7	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.7 5.9 6.5 3.0 6.7 5.9 6.5 3.0 1.1 2.4 -0.8 -4.0 8 -0.8 -3.1	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2 -1.0 -4.1	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.0 -10.6 -8.2 -7.2 -7.9 -5.7	4 3 52: 7 7 5 3 3 3 4 4 1 3 3 3 4 4 3 3 2 2 0 0 3 3 3 2 2 1 4 4 2 2 2 2
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar Sep Oct Nov Dec 2020 Jan Feb Mar	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8 2.2 1.7 -21.3	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 6.0 6.5 7.0 6.5 3.0 1.1 2.4 -0.8 -4.0 -0.8 -4.0 -0.8 -3.1 -15.5	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2 -1.0 -4.1 -22.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.6 -8.2 -7.2 -7.9 -5.7 -52.2	4 3 52 7 7 5 3 3 3 4 4 1 3 3 3 4 4 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Ec Sep Oct Nov Dec 2019 Jan Feb	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8 2.2 1.7	-1.3 3.5 S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 2.8 6.0 6.5 7.0 6.7 5.9 6.5 3.0 6.7 5.9 6.5 3.0 1.1 2.4 -0.8 -4.0 8 -0.8 -3.1	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2 -1.0 -4.1	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.0 -10.6 -8.2 -7.2 -7.9 -5.7	4 3 52 7 7 5 3 3 3 4 4 1 3 3 3 4 4 3 3 3 3 3 3 3 3 3
2018 2019 Percentage change, latest m 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar Sep Oct Nov Dec 2020 Jan Feb Mar	1.2 3.2 nonth on same month a S26W 2.8 2.4 1.6 1.5 2.3 2.6 3.2 4.2 3.9 3.0 2.9 2.7 3.7 4.7 3.4 2.3 2.1 2.4 2.8 2.2 1.7 -21.3	-1.3 3.5 • year ago S26X 0.4 -1.0 -0.2 0.2 0.4 2.6 4.8 6.0 6.5 7.0 6.5 3.0 1.1 2.4 -0.8 -4.0 -0.8 -4.0 -0.8 -3.1 -15.5	-1.0 -2.8 S26Y -1.5 -0.4 0.6 1.2 0.4 0.9 0.6 -1.1 -2.6 -3.3 -3.6 -4.1 -5.0 -5.6 -5.2 -3.3 -0.8 0.7 0.2 -1.0 -4.1 -22.6	8.3 -0.5 S26Z 8.7 8.6 14.0 13.4 14.7 13.6 15.5 15.2 14.2 17.8 2.0 -0.5 -2.8 -4.4 -5.0 -10.0 -10.6 -8.2 -7.2 -7.9 -5.7 -52.2	4

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$ seasonally adjusted 2016 = 100

			dustry components (SIC	2007)	Warehousing
		I and transport			-
		Land transport, excluding			and suppor activities for
	Rail transport	rail transport	Water transport	Air transport	transportation
component	49.1-2	49.3-5	50	51	52
016 weights	49.1-2	49.3-5	<u> </u>	3	17
o to weights				ů.	
rcentage change, lates	st month on previous month				
0 0 /	S228	S229	S22A	S22B	S220
2018 Jun	0.5	-	0.3	2.4	2.0
Jul	0.2	1.2	0.4	0.9	-0.7
Aug	-	1.1	0.1	2.1	-0.8
Sep	-0.1	0.8	-0.2	0.4	-0.5
Oct	-	-0.4	-0.4	-0.2	1.4
Nov	0.1	1.4	-0.4	-1.8	0.2
Dec	0.3	1.5	-0.3	1.0	-1.0
2019 Jan	0.6	-0.6	-1.4	-1.1	2.3
Feb	-0.1	0.5	-1.1	-0.9	0.1
Mar	-0.3	-0.1	-0.5	3.9	-0.3
Apr	0.8	1.0	-0.3	-6.9	-0.2
May	0.6	-0.1	-0.3	0.2	-0.2
Jun	1.5	-0.7	-0.6	0.2	-0
	1.5		-0.0		2.2
Jul	-1.2	1.7		-0.8	
Aug		-2.2	0.6	1.5	-1.0
Sep	-1.1	-1.0	1.8	-4.9	-0.3
Oct	-0.2	0.9	2.1	-0.9	0.8
Nov	0.4	-1.8	1.1	0.8	-1.5
Dec	0.7	-1.8	-0.7	2.1	2.0
2020 Jan	-	2.8	-2.6	-1.8	0.4
Feb	-0.6	-1.7	-4.2	1.3	0.1
Mar	-22.8	-12.9	-19.7	-47.4	-8.2
Apr	-75.6	-37.9	-48.5	-92.5	-16.3
May	-7.7	10.2	12.8	-23.9	3.7
Jun	42.8	34.8	45.6	42.8	4.8
rcentage change, lates	st 3 months on same 3 month				
	S2GC	S2GD	S2GE	S2GF	S2GC
2018 Jun	2.1	-2.1	-1.7	6.2	4.6
Jul	2.6	-1.2	-1.3	7.9	6.3
Aug	2.3	-0.3	-0.5	10.4	6.9
Sep	1.8	-0.3	0.4	12.0	5.8
Oct	1.8	0.1	0.7	14.0	4.4
Nov	2.1	1.1	0.8	13.9	3.8
Dec	2.7	2.6	0.6	14.6	3.0
2019 Jan	3.3	3.4	0.1	14.8	3.0
Feb	3.8	4.5	-1.0	15.0	2.8
Mar	3.7	5.1	-2.3	15.7	3.9
Apr	3.3	6.5	-3.1	11.1	4.0
May	2.9	6.7	-3.7	6.1	3.5
Jun	3.1	6.5	-4.2	-0.5	2.1
Jul	3.7	6.3	-4.9	-2.6	1.9
Aug	3.9	5.1	-5.3	-4.1	2.3
Sep	3.5	3.5	-4.7	-6.5	3.3
Oct	2.6	2.2	-4.7 -3.1	-0.5	3.
Nov	2.0	0.9	-3.1	-9.6	3. 2.4
Dec	2.3	-0.8	-1.1	-9.6 -8.6	2.4
			-		
2020 Jan	2.4	-1.9	-	-7.7	2.3
Feb	2.2	-2.6	-1.6	-6.9	2.7
Mar	-5.8	-6.5	-9.2	-22.3	-0.7
Apr	-33.6	-22.3	-28.8	-50.9	-8.4
May	-61.7	-35.5	-45.7	-81.1	-15.1
Jun	-79.6	-37.7	-49.5	-96.4	-17.9

1 Indices reflect values measured at basic prices, which exclude "taxes less

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			ndustry components (SIC	2007)	
					Warehousing
		Land transport,			and suppor
		excluding			activities for
	Rail transport	rail transport	Water transport	Air transport	transportation
Component	49.1-2	49.3-5	50	51	52
2016 weights	3	17	4	3	17
ercentage change, late	est 3 months on previous 3	months			
• •	S2BM	S2BN	S2BO	S2BP	S2BQ
2018 Jun	2.0	-0.5	0.6	10.8	1.2
Jul	2.0	0.8	0.6	10.0	2.3
Aug	1.5	1.5	0.7	8.1	2.3
Sep	0.8	2.3	0.6	5.0	0.3
Oct	0.3	2.4	0.2	3.8	-0.5
Nov	-	2.2	-0.5	1.4	-0.3
Dec	0.1	1.9	-0.9	-0.1	0.6
2019 Jan	0.5	2.2	-1.4	-1.5	1.1
Feb	0.7	2.1	-2.0	-1.4	1.2
Mar	0.7	1.2	-2.6	-0.4	1.7
Apr	0.5	1.0	-2.5	-1.2	1.1
May	0.6	0.8	-2.0	-1.9	0.3
Jun	1.5	0.9	-1.4	-4.7	-0.5
Jul	2.4	0.7	-1.2	-3.5	0.3
Aug	2.5	-	-1.0	-2.2	1.0
Sep	1.2	-0.6	0.1	-1.3	1.5
Oct	-0.8	-1.6	2.0	-2.6	0.6
Nov	-1.6	-1.9	3.9	-4.5	-0.2
Dec	-0.9	-2.3	4.0	-2.4	-0.1
2020 Jan	0.3	-1.9	1.7	-0.7	0.3
Feb	0.7	-1.5	-2.4	1.6	1.5
Mar	-7.4	-4.5	-11.6	-15.3	-1.5
Apr	-34.9	-20.0	-30.6	-47.4	-9.5
May	-62.3	-33.3	-46.0	-80.1	-17.1
Jun	-78.0	-32.8	-45.2	-95.5	-17.8

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 A complete run of data is available on the ONS website as a <u>Time series dataset</u>

IOSCOMP

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC2		
				Food and	
	Postal	Accommodation		beverage	
	and courier	and food		service	Information and
	activities	services	Accommodation	activities	communication
Component	53	1	55	56	
016 weights	8	35	11	25	83
-	S2L7	S2L8	S2L9	S2LA	S2LE
2015	101.8	98.5	96.6	99.4	94.8
2016	100.0	100.0	100.0	100.0	100.0
2017	108.0	102.4	100.9	103.0	104.8
2018	109.4	104.9	106.1	104.3	110.1
2019	111.1	107.4	109.2	106.6	116.2
2018 Jun	110.0	105.3	107.6	104.3	109.0
Jul	109.4	105.9	109.6	104.3	109.1
Aug	109.7	104.7	105.7	104.3	111.8
Sep	110.0	105.1	105.4	104.9	113.3
Oct	113.0	106.3	107.5	105.8	112.1
Nov	111.8	100.3	107.5	105.8	
					112.9
Dec	111.0	106.8	109.8	105.5	113.8
2019 Jan	110.6	107.9	111.1	106.5	115.0
Feb	110.4	108.2	110.8	107.1	115.3
Mar	111.9	107.5	110.7	106.1	114.
Apr	113.2	106.6	108.9	105.6	115.9
May	110.2	106.5	106.5	106.5	115.5
Jun	108.1	108.9	112.0	107.6	117.1
Jul	113.1	108.1	109.0	107.7	117.0
Aug	111.6	106.8	109.0	105.8	116.1
Sep	110.7	106.1	109.1	104.8	117.
	113.2	106.5	106.7	104.0	
Oct					117.
Nov	109.4	107.6	108.1	107.4	115.0
Dec	110.9	107.9	108.8	107.4	116.8
2020 Jan	113.9	107.1	107.8	106.8	113.8
Feb	112.2	107.6	109.1	107.0	115.1
Mar	111.4	73.6	60.7	79.2	113.
Apr	103.6	10.0	8.9	10.5	99.
May	108.8	10.6	7.1	12.1	98.
Jun	117.6	17.8	7.8	22.2	104.6
ercentage change, latest y	ear on previous year				
	S22D	S22E	S22F	S22G	S22F
2015	2.1	4.4	10.8	1.9	5.6
2016	-1.8	1.5	3.5	0.6	5.4
2017	8.0	2.4	0.9	3.0	4.8
2018	1.3	2.5	5.2	1.3	5.1
2010	1.5	2.3	2.9	2.2	5.5
			2.5	2.2	0.
ercentage change, latest r	nonth on same month S273	a year ago S274	S275	S276	S277
2018 Jun	1.1	3.6	8.0	1.8	2.4
Jul	-0.2	1.8	6.7	-0.3	4.
Aug	-0.6	2.4	5.3	1.2	5.9
Sep	1.2	3.9	5.3	3.3	6.
Oct	2.6	4.5	7.1	3.5	5.
Nov	1.8	4.9	7.5	3.9	5.9
Dec	2.2	4.9		2.4	5.3
			8.0		
2019 Jan	2.9	4.2	8.0	2.6	7.
Feb	3.1	6.0	9.6	4.5	8.
Mar	4.5	4.3	5.8	3.7	5.
Apr	6.2	2.6	4.1	1.9	6.
May	0.3	1.7	0.4	2.3	6.
Jun	-1.7	3.4	4.1	3.2	7.
Jul	3.3	2.1	-0.6	3.3	7.8
Aug	1.7	2.0	3.2	1.5	3.
Sep	0.7	1.0	3.5	-0.1	3.1
Oct	0.1	0.2	-0.7	0.6	4.8
Nov	-2.2	0.2	-0.5	0.0	4.0
				1.8	
Dec 2020 Jan	-	1.0	-0.9		2.1
2020 Jan	3.0	-0.7	-3.0	0.3	-1.0
Feb	1.6	-0.6	-1.6	-0.1	-0.
Mar	-0.4	-31.5	-45.2	-25.3	-0.
Apr	-8.5	-90.6	-91.9	-90.0	-14.0
Mari	-1.2	-90.0	-93.4	-88.6	-15.1
May	8.8	-83.6	-93.1	-79.4	-10.7

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$ seasonally adjusted 2016 = 100

			Industry components (SI		
				Food and	
	Postal	Accommodation		beverage	
	and courier	and food		service	Information and
	activities	services	Accommodation	activities	communication
Component	53	1	55	56	
2016 weights	8	35	11	25	83
ercentage change, latest	month on previous mor	ith			
	S22D	S22E	S22F	S22G	S22F
2018 Jun	0.1	0.6	1.4	0.2	0.1
Jul	-0.5	0.6	1.9	-	0.1
Aug	0.3	-1.2	-3.6	-	2.5
Sep	0.2	0.4	-0.2	0.7	1.3
Oct	2.8	1.1	1.9	0.8	-1.1
Nov	-1.1	0.9	1.0	0.8	0.7
Dec	-0.8	-0.4	1.1	-1.1	0.9
2019 Jan	-0.4	1.0	1.2	1.0	1.0
Feb	-0.1	0.3	-0.3	0.6	0.2
Mar	1.3	-0.7	-0.1	-1.0	-0.7
Apr	1.2	-0.8	-1.6	-0.4	1.2
May	-2.7	-0.1	-2.2	0.8	-0.4
Jun	-1.9	2.3	5.1	1.0	1.4
Jul	4.6	-0.8	-2.7	0.1	0.4
Aug	-1.3	-1.3	0.1	-1.8	-1.3
Sep	-0.8	-0.6	0.1	-0.9	1.2
Oct	2.2	0.4	-2.2	1.5	1.2
Nov	-3.3	1.0	1.3	0.9	-1.5
Dec	-3.5	0.2	0.7	0.5	-1.0
2020 Jan	2.7	-0.7	-0.9	-0.6	-2.5
Feb	-1.5	-0.7	-0.9	-0.0	-2.3
	-0.7		-44.3	-26.0	
Mar	-0.7 -7.0	-31.6 -86.4			-1.2
Apr			-85.4	-86.7	-12.3
May	5.1	5.9	-20.2	15.4	-1.3
Jun	8.0	68.2	9.9	82.8	6.7
ercentage change, latest			S2GJ	S2GK	S2GI
0010	S2GH	S2GI			
2018 Jun	2.0	2.0	5.1	0.7	3.9
Jul	1.1	2.4	6.6	0.6	3.1
Aug	0.1	2.6	6.7	0.9	4.2
Sep	0.1	2.7	5.8	1.4	5.
Oct	1.1	3.6	5.9	2.7	5.8
Nov	1.9	4.5	6.6	3.5	5.8
Dec	2.2	4.5	7.5	3.2	5.5
2019 Jan	2.3	4.4	7.8	2.9	6.1
Feb	2.7	4.7	8.5	3.1	7.0
Mar	3.5	4.8	7.7	3.6	7.1
Apr	4.6	4.3	6.4	3.4	7.0
May	3.6	2.9	3.4	2.6	6.2
Jun	1.5	2.6	2.8	2.5	6.8
Jul	0.6	2.4	1.3	2.9	7.
Aug	1.1	2.5	2.2	2.6	6.4
Sep	1.9	1.7	2.0	1.5	5.
Oct	0.8	1.0	2.0	0.6	4.1
Nov	-0.5	0.5	0.8	0.0	
Dec	-0.3	0.5	-0.7	1.0	3.3
2020 Jan	-0.7	0.3	-0.7 -1.4	0.9	1.3
2020 Jan Feb	0.3	-0.1	-1.4 -1.8	0.9	0.5
Mar	1.4	-10.9	-16.5	-8.4	-0.6
Apr	-2.5	-40.7	-45.9	-38.3	-5.0
May	-3.4	-70.6	-76.5	-68.0	-10.0
Jun	-0.4	-88.1	-92.8	-86.0	-13.2

1 Indices reflect values measured at basic prices, which exclude "taxes less

a hindles relieved values measured at basic prices, which exclude taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value added ^{1,2,3}

seasonally adjusted 2016 = 100

			Industry components (SIC	2007)	
				Food and	
	Postal	Accommodation		beverage	
	and courier	and food		service	Information and
	activities	services	Accommodation	activities	communication
Component	53		55	56	
2016 weights	8	35	11	25	83
Percentage change lates	at 3 months on previous	3 months			
ereentage enange, later	S2BR	S2BS	S2BT	S2BU	S2B\
2018 Jun	1.5	1.7	3.1	1.1	1.4
Jul	2.7	2.2	4.2	1.4	1.2
Aug	1.7	1.4	2.4	0.9	1.3
Sep	0.8	0.5	0.7	0.5	2.4
Oct	1.1	-	-1.5	0.7	3.1
Nov	1.7	0.9	-0.5	1.5	2.5
Dec	2.0	1.5	1.6	1.4	1.4
2019 Jan	0.2	1.9	3.4	1.2	1.3
Feb	-0.9	1.4	3.2	0.5	1.7
Mar	-0.9	1.0	2.1	0.6	1.8
Apr	0.6	0.1	0.3	-	1.2
May	1.0	-0.7	-1.7	-0.3	0.5
Jun	-0.4	-0.5	-1.5	-	1.1
Jul	-1.2	0.4	-0.9	1.0	1.3
Aug	-0.7	1.0	1.2	0.9	1.5
Sep	1.2	-0.3	-0.1	-0.5	0.8
Oct	1.3	-1.3	-0.8	-1.5	0.2
Nov	0.2	-1.1	-1.8	-0.8	-0.1
Dec	-0.6	0.3	-1.1	0.9	-0.4
2020 Jan	-0.4	1.0	-	1.5	-1.4
Feb	1.1	0.7	0.5	0.8	-1.4
Mar	1.2	-10.4	-14.2	-8.8	-2.1
Apr	-2.1	-40.7	-45.0	-38.8	-5.1
May	-3.9	-70.8	-76.5	-68.3	-9.9
Jun	-2.2	-86.7	-91.5	-84.7	-11.8

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IOS: Index of Services Chained volume indices of gross value added ^{1,2,3}

seasonally adjusted 2016 = 100

		Industry components (SIC2007)						
		Motion pictures,			Computer			
		tv production,	Programming		programming			
	Publishing	sound and music	and broadcasting	Telecom	consultancy an			
	activities	activities	activites	-munications	related activitie			
Component	58	59	60	61	6			
2016 weights	8	8	6	23	3			
2015	S2LC	S2LD	KFV8	S2LE 104.4	S2L 89			
2015	98.4 100.0	91.3 100.0	89.0 100.0	104.4	100			
2017	96.4	112.9	99.3	100.0	100			
2017	90.4	12.9	99.5 99.6	100.3	118			
2019	97.0	134.1	101.6	99.7	127			
2013	51.0	104.1	101.0	55.1	121			
2018 Jun	93.2	116.0	99.0	100.1	118			
Jul	92.5	117.8	99.2	101.2	116			
Aug	96.1	120.7	98.9	102.2	120			
Sep	94.0	131.6	100.5	103.0	122			
Oct	92.4	124.0	99.9	100.5	122			
Nov	95.6	124.4	97.3	101.5	122			
Dec	97.4	123.1	100.6	101.7	124			
2019 Jan	100.3	126.4	100.8	100.3	125			
Feb	99.1	128.5	100.7	99.0	126			
Mar	97.6	127.2	98.9	101.2	124			
Apr	97.6	132.6	101.9	99.5	124			
May	100.0	132.1	100.3	97.8	126			
Jun	100.0	134.9	101.2	99.2	128			
Jul	99.3	136.1	101.2	100.5	120			
Aug	98.5	132.6	102.0	99.7	120			
Sep	94.9	139.9	100.2	100.5	127			
Oct	93.1	142.9	102.4	100.5	120			
Nov	91.2	134.9	103.0	99.2	127			
Dec 2020 Jan	92.2	140.7	104.5	98.5	128			
2020 Jan	90.9	123.2	101.9	99.4	128			
Feb	89.5	130.7	99.3	100.4	130			
Mar	86.6	107.6	102.7	100.2	132			
Apr	71.4	63.2	95.7	93.1	120			
May	71.2	55.0	93.4	91.8	118			
Jun	72.5	95.5	95.6	96.3	121.			
Percentage change, latest y	year on previous year S22I	S22J	KEV7	S22K	S22			
2015	-5.9	28.7	1.7	3.8	5			
2016	-5.5	9.6	12.4	-4.3	12			
2017	-3.6	12.9	-0.7	0.3	8			
2018	-1.7	6.8	0.3	0.9	8			
2019	2.3	11.2	2.0	-1.6	7			
2019	2.5	11.2	2.0	-1.0	,			
Percentage change, latest r	month on same month S278	a year ago S279	KFJ4	S27A	S27			
2018 Jun	-6.1	-2.9	-0.1	-0.6	7			
Jul	-5.4	11.5	4.7	-0.5	5			
Aug	0.1	5.3	-3.7	2.7	9			
Sep	-2.5	12.0	-0.4	3.7	9			
Oct	-5.2	9.1	-3.3	1.5	8			
Nov	-	6.5	1.6	1.6	9			
Dec	2.1	1.1	-0.9	0.5	10			
2019 Jan	7.2	8.1	-0.5	-0.6	10			
Feb	4.3	12.1	-1.2	-0.0	13			
		6.6	-2.3	0.6				
Mar Apr	0.8 2.1	10.7	-2.3 3.6	-1.6	9 10			
	5.0	10.7	1.1	-3.6	9			
May Jun	7.5	16.3	2.2	-3.6 -0.9	9			
Jul	7.5	15.5	2.2	-0.9	9 10			
	2.4			-0.7 -2.4	5			
Aug		9.8	1.3					
Sep	1.0	6.3	1.8	-2.4	5			
Oct	0.8	15.3	3.7	-0.1	4			
Nov	-4.6	8.5	5.5	-2.2	3			
Dec	-5.4	14.3	3.8	-3.2	3			
2020 Jan	-9.3	-2.6	1.2	-0.9	2			
Feb	-9.7	1.7	-1.4	1.4	3			
Mar	-11.3	-15.4	3.8	-1.0	6			
	-26.8	-52.4	-6.1	-6.4	-5			
Apr								
Apr May Jun	-28.8 -27.6	-58.4 -29.2	-6.8 -5.6	-6.2 -3.0	-6. -6.			

Industry components (SIC2007)

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$ seasonally adjusted 2016 = 100

		Industry components (SIC2007)						
		Motion pictures,			Committee			
			- ·		Computer			
		tv production,	Programming		programming			
	Publishing	sound and music	and broadcasting	Telecom	consultancy and			
_	activities	activities	activites	-munications	related activities			
Component	58	59	60	61	62			
2016 weights	8	8	6	23	32			
ercentage change, latest								
	S22I	S22J	KFV7	S22K	S22L			
2018 Jun	-2.1	-2.6	-0.2	-1.4	2.3			
Jul	-0.7	1.6	0.2	1.2	-0.9			
Aug	3.9	2.5	-0.4	1.0	3.4			
Sep	-2.2	9.0	1.7	0.8	1.0			
Oct	-1.7	-5.8	-0.6	-2.4	0.4			
Nov	3.6	0.3	-2.6	0.9	0.2			
Dec	1.9	-1.0	3.4	0.3	1.7			
2019 Jan	2.9	2.7	0.1	-1.4	0.6			
Feb	-1.2	1.6	-	-1.3	0.6			
Mar	-1.6	-1.0	-1.8	2.2	-1.6			
Apr	-1.0	4.2	3.0	-1.7	2.4			
May	- 2.5	-0.4	-1.6	-1.7	-0.9			
		-0.4 2.1	-1.0	-1.7 1.4	-0.3			
Jun	0.1							
Jul	-0.8	0.9	0.8	1.3	-0.3			
Aug	-0.8	-2.6	-1.8	-0.8	-1.1			
Sep	-3.6	5.5	2.2	0.7	0.9			
Oct	-1.9	2.2	1.2	-	-0.6			
Nov	-2.0	-5.6	-0.9	-1.3	-0.5			
Dec	1.1	4.3	1.7	-0.7	1.6			
2020 Jan	-1.4	-12.5	-2.4	0.9	-0.3			
Feb	-1.6	6.1	-2.6	1.0	1.2			
Mar	-3.3	-17.7	3.5	-0.2	2.2			
Apr	-17.6	-41.3	-6.9	-7.1	-9.6			
May	-0.2	-12.9	-0.9	-1.4	-1.4			
Jun	-0.2 1.8	-12.9 73.7	-2.3	-1.4 4.9	-1.4			
	2 mantha an aama 2 man	4ha a waan ana						
ercentage change, latest	3 months on same 3 mon S2GM	S2GN	KFJ6	S2GO	S2GF			
2018 Jun	-1.5	3.1	-1.2	0.1	7.5			
Jul	-3.5	3.8	0.6	0.3	6.9			
Aug	-3.8	4.4	0.2	0.5	7.5			
Sep	-2.6	9.6	0.2	1.9	8.3			
Oct	-2.0 -2.5	8.8	-2.5	2.6	9.2			
Nov	-2.5 -2.6	0.0 9.2	-2.5 -0.7	2.0	9.2			
Dec	-1.0	5.5	-0.9	1.2	9.4			
2019 Jan	3.1	5.2	-0.2	0.5	10.1			
Feb	4.5	7.0		-0.6	11.7			
Mar	4.1	8.9	-0.4	-0.6	11.2			
Apr	2.4	9.8	1.2	-0.9	11.2			
May	2.6	9.4	0.7	-1.5	9.8			
Jun	4.8	12.6	2.3	-2.0	9.8			
Jul	6.6	14.2	2.0	-1.7	9.5			
Aug	5.7	13.8	2.1	-1.3	8.1			
Sep	3.6	10.4	2.0	-1.9	6.1			
Oct	1.4	10.4	2.3	-1.7	4.8			
Nov	-1.0	9.9	3.6	-1.6	4.2			
	-1.0 -3.1	9.9 12.7	4.3	-1.8	4.2			
Dec 2020 Jan								
2020 Jan	-6.5	6.7	3.5	-2.1	3.0			
Feb	-8.1	4.4	1.2	-0.9	2.8			
Mar	-10.1	-5.4	1.2	-0.2	4.0			
Apr	-15.9	-22.4	-1.3	-2.0	1.4			
May	-22.3	-42.4	-3.1	-4.5	-1.7			
Jun	-27.7	-46.5	-6.2	-5.2	-6.0			

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

		Motion pictures,			Computer
		tv production,	Programming		programming,
	Dublishing			T -1	
	Publishing activities	sound and music	and broadcasting	Telecom	consultancy and
Company		activities	activites 60	-munications 61	related activities
Component	58	59			62
2016 weights	8	8	6	23	32
Percentage change, lates	t 3 months on previous 3	months			
• •	S2BW	S2BX	KFJ8	S2BY	S2BZ
2018 Jun	-0.5	1.1	-1.7	0.1	3.0
Jul	-2.3	-0.2	-0.2	0.1	3.1
Aug	-2.0	-1.0	-0.6	0.1	3.4
Sep	-0.5	4.3	0.7	1.3	3.3
Oct	0.6	6.6	0.6	1.0	4.3
Nov	0.1	7.2	0.2	0.5	3.3
Dec	1.0	0.4	-0.3	-0.9	2.9
2019 Jan	3.9	-0.6	-0.2	-0.7	2.1
Feb	5.3	-0.5	1.5	-1.3	2.5
Mar	4.0	2.9	0.8	-1.1	1.6
Apr	0.3	3.9	0.9	-1.2	1.3
May	-0.6	3.7	-0.3	-0.8	0.3
Jun	0.2	4.6	1.0	-1.3	1.6
Jul	1.8	3.8	0.6	-0.7	1.5
Aug	0.9	3.0	0.8	0.3	1.8
Sep	-1.7	2.2	0.4	1.4	0.4
Oct	-4.3	3.1	0.9	1.1	-0.2
Nov	-6.3	3.5	1.7	0.2	-0.5
Dec	-5.5	2.5	2.0	-0.9	-0.2
2020 Jan	-4.2	-4.0	1.0	-1.2	0.3
Feb	-2.3	-5.5	-1.0	-0.6	1.2
Mar	-3.4	-13.6	-2.2	0.6	2.1
Apr	-9.8	-24.4	-3.7	-1.1	-0.3
May	-15.9	-42.8	-4.5	-4.4	-4.1
Jun	-19.4	-40.9	-6.3	-6.3	-8.1

Industry components (SIC2007)

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IOS: Inde> Telecom Chained vunications

seasonally adjusted 2016 = 100

	Industry components (SIC2007)						
			Financial	Insurance,	Activitie		
	Information	Financial	service activities	except	auxiliar		
	service	and insurance	except insurance	compulsory	to financial service		
	activities	activities	and pension funding	social security	and insuranc		
Component	63	K	64	65.1-2	6		
016 weights	5	91	53	21	1		
	S2LG	S2LH	S2LI	S2LJ	S2L		
2015	99.5	96.3	97.7	98.7	89.		
2016	100.0	100.0	100.0	100.0	100.		
2017	106.7	99.1	101.8	98.3	91.		
2018	119.8	98.1	101.3	95.2	91.		
2019	140.9	95.1	98.3	92.3	88.		
2018 Jun	118.0	98.2	101.6	95.4	91.		
Jul	119.6	97.9	101.0	95.4	91.		
Aug	124.1	97.6	100.6	94.9	91.		
Sep	121.0	97.4	100.5	94.5	91.		
Oct	124.7	97.2	100.6	94.1	90.		
Nov	129.7	96.9	100.5	93.8	89.		
Dec	126.5	96.4	99.9	93.8	88.		
2019 Jan	136.4	95.7	99.0	93.1	88.		
Feb	140.9	95.1	98.0	92.9	88.		
Mar	137.6	94.7	97.3	92.7	88.		
		94.7	97.0 97.0				
Apr	136.8			92.5	88.		
May	143.9	94.6	97.3	92.4	88.		
Jun	141.5	95.1	98.1	92.5	88.		
Jul	144.3	95.5	98.8	92.6	88.		
Aug	141.1	95.8	99.1	92.5	89.		
Sep	144.0	95.2	98.6	92.1	88.		
Oct	144.7	95.6	99.9	91.6	86.		
Nov	141.9	94.6	98.4	91.4	86.		
Dec	138.0	94.6	98.3	91.7	86.		
2020 Jan	122.2	94.9	98.7	91.6	87.		
Feb	122.0	95.6	99.5	91.8	87.		
Mar	119.4	95.4	99.9	91.3	86.		
Apr	108.7	90.6	93.7	90.6	80.		
May	114.0	91.9	95.4	90.1	83.		
Jun	115.1	93.0	96.4	90.1	85.		
Percentage change, latest y							
	S22M	S22N	S22O	S22P	S22		
2015	4.7	-3.8	-1.5	-0.1	-17.		
2016	0.5	3.8	2.3	1.3	11.		
2017	6.7	-0.9	1.8	-1.7	-8.		
2018	12.3	-1.1	-0.5	-3.1	-0.		
			-2.9				
2019	17.6	-3.0	-2.5	-3.0	-3.		
			-2.5	-3.0	-3.		
	nonth on same month a	year ago					
ercentage change, latest n	nonth on same month a S27C	year ago S27D	S27E	S27F	S27		
Percentage change, latest n 2018 Jun	nonth on same month a S27C 10.4	year ago S27D -1.1	S27E -0.3	S27F -3.6	S27 -0.		
Percentage change, latest n 2018 Jun Jul	nonth on same month a S27C 10.4 13.6	year ago S27D -1.1 -1.5	S27E -0.3 -0.7	S27F -3.6 -3.3	S27 -0. -1.		
Percentage change, latest n 2018 Jun Jul Aug	nonth on same month a S27C 10.4 13.6 15.7	year ago S27D -1.1 -1.5 -1.3	S27E -0.3 -0.7 -1.2	S27F -3.6 -3.3 -3.0	S27 -0. -1. 0.		
ercentage change, latest n 2018 Jun Jul Aug Sep	nonth on same month a S27C 10.4 13.6 15.7 10.3	year ago S27D -1.1 -1.5 -1.3 -1.2	S27E -0.3 -0.7 -1.2 -1.3	S27F -3.6 -3.3 -3.0 -2.8	S27 -0. -1. 0. 1.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3	year ago S27D -1.1 -1.3 -1.3 -1.2 -0.8	S27E -0.3 -0.7 -1.2 -1.3 -0.6	S27F -3.6 -3.3 -3.0 -2.8 -2.8	S27 -0. -1. 0. 1. 1.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6	S27F -3.6 -3.3 -3.0 -2.8 -2.8 -3.0	S27 -0. -1. 0. 1. 1. -1.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3	year ago S27D -1.1 -1.3 -1.3 -1.2 -0.8	S27E -0.3 -0.7 -1.2 -1.3 -0.6	S27F -3.6 -3.3 -3.0 -2.8 -2.8	S27 -0. -1. 0. 1. 1. -1.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6	S27F -3.6 -3.3 -3.0 -2.8 -2.8 -3.0	S27 -0. -1. 0. 1. 1. -1. -2.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2	S27F -3.6 -3.3 -3.0 -2.8 -2.8 -3.0 -3.0	S27 -0. -1. 0. 1. 1. -1. -2. -4.		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 -4.3	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0	S27F -3.6 -3.3 -3.0 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.9	S27 -0. -1. 0. 1. 1. -1. -2. -4. -6.		
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ercentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3 19.8 16.9	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 -4.6 -4.6	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0 -5.0 -5.3	S27F -3.6 -3.3 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.9 -3.7 -3.5	S27 -0. -1. 0. 1. -1. 1. -1. -2. -4. -6. -4. -3.		
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Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3 19.8 16.9 22.1 19.9 20.7 13.7 19.0 16.0 9.4 9.1 -10.4 -13.4	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 -4.3 -4.6 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.2 -4.1 -4.5 -4.5 -4.3 -4.5 -4.5 -4.5 -4.5 -1.2 -0.8 -1.2 -0.8 -1.2 -0.8 -1.9 -3.2 -4.3 -4.6 -4.1 -4.5 -5.2 -1.7 -2.4 -0.8 -0.5 -0.	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0 -5.0 -5.3 -4.8 -3.4 -2.2 -1.5 -1.9 -0.8 -2.1 -1.7 -0.3 1.5	S27F -3.6 -3.3 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.9 -3.7 -3.5 -3.2 -3.0 -2.7 -2.5 -2.5 -2.5 -2.6 -2.6 -2.6 -2.3 -1.6 -1.2	S27 -0. -1. 0. 1. -1. -1. -1. -1. -2. -4. -2. -2. -2. -2. -2. -2. -2. -2. -2. -2		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3 19.8 16.9 22.1 19.9 20.7 13.7 19.0 16.0 9.4 9.1 -10.4 -13.4 -13.2	year ago S27D 1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 4.3 -4.6 -4.6 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -0.8 0.5 0.8	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0 -5.0 -5.3 -4.8 -3.4 -2.2 -1.5 -1.9 -0.8 -2.1 -1.7 -0.3 1.5 2.7	S27F -3.6 -3.3 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.9 -3.7 -3.5 -3.2 -3.0 -2.7 -2.5 -2.5 -2.5 -2.6 -2.6 -2.6 -2.3 -1.2 -1.2	S27 -0. -1. 0. 1. -1. -1. -2. -4. -6. -4. -4. -3. -2. -2. -2. -2. -2. -2. -2. -3. -3. -3. -3. -2. -2. -1. -0. -2. -2. -2. -2. -2. -2. -2. -2. -2. -2		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3 19.8 16.9 22.1 19.9 20.7 13.7 19.0 16.0 9.4 9.1 -10.4 -13.4 -13.2 -20.6	year ago S27D -1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 -4.6 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.2 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.8 -1.9 -3.2 -4.6 -4.1 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.2 -4.6 -4.1 -3.2 -2.4 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -2.4 -1.8 -2.2 -2.4 -1.8 -2.2 -2.4 -1.8 -2.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -3.8 -2.2 -1.7 -2.4 -1.9 -3.8 -2.2 -1.7 -2.4 -1.9 -3.8 -2.2 -1.7 -2.4 -1.9 -3.8 -2.2 -1.7 -2.4 -1.9 -3.8 -3.8 -2.2 -1.9 -2.4 -1.9 -2.4 -1.9 -2.4 -1.9 -3.8 -2.2 -1.9 -3.8 -3	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0 -5.0 -5.3 -4.8 -3.4 -2.2 -1.5 -1.9 -0.8 -2.1 -1.7 -0.3 1.5 2.7 -3.5	S27F -3.6 -3.3 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.7 -3.5 -3.2 -3.0 -2.7 -2.5 -2.5 -2.6 -2.6 -2.6 -2.3 -1.6 -1.2 -2.0	S27 -0. -1. 0. -1. -1. -2. -4. -6. -4. -6. -4. -6. -4. -6. -3. -2. -2. -2. -2. -2. -2. -2. -2. -2. -2		
Percentage change, latest n 2018 Jun Jul Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar	nonth on same month a S27C 10.4 13.6 15.7 10.3 14.3 15.4 9.2 23.7 23.3 19.8 16.9 22.1 19.9 20.7 13.7 19.0 16.0 9.4 9.1 -10.4 -13.4 -13.2	year ago S27D 1.1 -1.5 -1.3 -1.2 -0.8 -1.3 -1.9 -3.2 4.3 -4.6 -4.6 -4.6 -4.1 -3.2 -2.4 -1.8 -2.2 -1.7 -2.4 -1.8 -2.2 -1.7 -2.4 -1.9 -0.8 0.5 0.8	S27E -0.3 -0.7 -1.2 -1.3 -0.6 -0.6 -1.2 -2.6 -4.0 -5.0 -5.3 -4.8 -3.4 -2.2 -1.5 -1.9 -0.8 -2.1 -1.7 -0.3 1.5 2.7	S27F -3.6 -3.3 -2.8 -2.8 -3.0 -3.0 -3.0 -3.7 -3.9 -3.7 -3.5 -3.2 -3.0 -2.7 -2.5 -2.5 -2.5 -2.6 -2.6 -2.6 -2.3 -1.2 -1.2	-3. S271 -0. -1. 0. 1. 1. -1. -2. -4. -4. -4. -4. -3. -2. -2. -2. -2. -2. -2. -2. -2. -2. -2		

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IOSCOMP

IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC20	07)	
			Financial	Insurance,	Activities
	Information	Financial	service activities	except	auxilian
	service	and insurance	except insurance	compulsory	to financial services
	activities	activities	activities and pension funding	social security	
Component	63	K	64	65.1-2	66
2016 weights	5	91	53	21	17
2010 Weights		0.			
ercentage change, lates	t month on previous month				
eroentage enange, lates	S22M	S22N	S22O	S22P	S22F
2018 Jun	0.1	-0.4	-0.5	-0.1	-0.7
Jul	1.3	-0.4	-0.6	-0.1	-0.
	3.8	-0.4	-0.0	-0.2	0.4
Aug	-2.5	-0.2	-0.4 -0.1	-0.3	-0.7
Sep					
Oct	3.1	-0.1	0.2	-0.5	-0.8
Nov	4.0	-0.4	-0.1	-0.3	-1.3
Dec	-2.5	-0.5	-0.6	-	-0.8
2019 Jan	7.8	-0.7	-1.0	-0.8	0.2
Feb	3.3	-0.6	-1.0	-0.2	0.1
Mar	-2.3	-0.5	-0.7	-0.2	-0.3
Apr	-0.6	-0.2	-0.3	-0.3	-0.1
May	5.2	0.2	0.3	-0.1	0.3
Jun	-1.7	0.5	0.8	0.1	0.0
Jul	2.0	0.4	0.0	0.1	
Aug	-2.2	0.3	0.3	-0.1	1.1
	-2.2 2.0	-0.6	-0.5	-0.1	-1.2
Sep					
Oct	0.5	0.3	1.3	-0.5	-1.9
Nov	-1.9	-1.0	-1.5	-0.2	-0.4
Dec	-2.8	-	-0.1	0.3	-0.7
2020 Jan	-11.4	0.4	0.4	-	0.9
Feb	-0.1	0.7	0.8	0.2	0.9
Mar	-2.2	-0.2	0.4	-0.6	-1.8
Apr	-9.0	-5.0	-6.2	-0.7	-6.5
May	4.9	1.4	1.8	-0.6	2.8
Jun	1.0	1.2	1.0	_	3.3
ercentage change, lates	t 3 months on same 3 months	s a vear ago			
ereentage entange, iatee	S2GQ	S2GR	S2GS	S2GT	S2G\
2018 Jun	11.3	-1.0	0.2	-3.8	-1.5
Jul	11.7	-1.2	-0.2	-3.6	-1.3
	13.2	-1.2	-0.2 -0.7	-3.3	-0.4
Aug					
Sep	13.2	-1.3	-1.0	-3.1	0.1
Oct	13.4	-1.1	-1.0	-2.9	1.2
Nov	13.3	-1.1	-0.8	-2.9	0.5
Dec	12.9	-1.3	-0.8	-3.0	-0.9
2019 Jan	16.0	-2.1	-1.5	-3.3	-2.9
Feb	18.6	-3.1	-2.6	-3.6	-4.5
Mar	22.3	-4.0	-3.8	-3.8	-5.1
Apr	20.0	-4.5	-4.7	-3.7	-4.8
May	19.6	-4.4	-5.0	-3.5	-3.
Jun	19.6	-4.4	-5.0	-3.3	-3.
Jul	20.9	-4.0 -3.2	-4.5 -3.5	-3.0	-3. -2.
Aug	18.0	-2.5	-2.4	-2.7	-2.
Sep	17.7	-2.1	-1.8	-2.6	-2.
Oct	16.2	-1.9	-1.4	-2.5	-2.
Nov	14.7	-2.1	-1.6	-2.6	-3.
Dec	11.5	-2.0	-1.5	-2.5	-3.
2020 Jan	2.4	-1.7	-1.4	-2.2	-2.5
Feb	-5.3	-0.8	-0.2	-1.7	-1.
Mar	-12.3	0.2	1.3	-1.5	-1.
Apr	-15.7	-0.9	0.2	-1.6	-4.0
May	-18.2	-2.0	-0.9	-2.0	-4.
Jun	-18.2 -20.0	-2.0	-0.9 -2.4	-2.0	-5.:

1 Indices reflect values measured at basic prices, which exclude "taxes less

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC200)7)	
			Financial	Insurance,	Activities
	Information	Financial	service activities	except	auxiliary
	service	and insurance	except insurance	compulsory	to financial services
	activities	activities	and pension funding	social security	and insurance
Component	63	K	64	65.1-2	66
2016 weights	5	91	53	21	17
Percentage change, lates	at 3 months on previous 3	months			
	S2C2	S2C3	S2C4	S2C5	S2C7
2018 Jun	4.0	-0.6	0.1	-1.0	-2.1
Jul	2.7	-1.0	-0.7	-1.0	-2.1
Aug	3.4	-1.1	-1.3	-0.8	-0.7
Sep	3.3	-1.0	-1.4	-0.8	-0.1
Oct	4.0	-0.9	-1.0	-0.9	-0.2
Nov	3.8	-0.8	-0.5	-1.1	-1.3
Dec	4.4	-0.8	-0.3	-1.0	-2.2
2019 Jan	6.1	-1.1	-0.7	-1.0	-2.5
Feb	7.5	-1.4	-1.6	-0.9	-1.7
Mar	8.9	-1.7	-2.2	-1.0	-0.8
Apr	5.8	-1.7	-2.3	-0.9	-0.2
May	3.6	-1.3	-1.8	-0.8	-0.1
Jun	1.8	-0.5	-0.6	-0.5	-
Jul	3.5	0.3	0.6	-0.3	0.1
Aug	2.0	1.0	1.5	-	0.5
Sep	1.7	0.9	1.4	-	0.4
Oct	-	0.5	1.1	-0.4	-0.4
Nov	0.9	-0.4	0.3	-0.9	-1.9
Dec	-1.1	-0.6	-	-0.9	-2.7
2020 Jan	-6.4	-0.9	-0.7	-0.6	-1.9
Feb	-11.2	-0.1	-0.1	-	-0.1
Mar	-14.4	0.4	0.5	-	0.7
Apr	-12.9	-0.9	-0.8	-0.3	-1.9
May	-10.5	-2.5	-2.5	-1.1	-4.4
Jun	-7.1	-3.7	-4.2	-1.4	-4.6

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subsidies on products". 2 Estimates cannot be regarded as accurate to the last digit shown.

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IOSCOMP

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

		Buying, selling	Industry components (SIC2	Real estate	Professiona
		and renting		activities	scientific an
	Real estate	of own or leased	Imputed	on fee or	technica
	activities	real estate	rent	contract basis	activitie
omponent	L	68.1-2	68.2Imp	68.3	
016 weights	176	48	123	5	9
	S2LM	S2LN	S2LO	S2LP	S2L0
2015	98.0	98.6	97.7	100.7	96.
2016	100.0	100.0	100.0	100.0	100.
2017	99.0	101.0	98.1	102.1	104.
2018	99.6	102.7	98.4	100.1	109.
2019	100.3	103.9	98.9	100.1	112
0040 km	00.7	100.4	00.0	101.1	400
2018 Jun	99.7	102.4	98.6	101.4	108.
Jul	99.7	102.6	98.6	99.7	110.
Aug	99.6	102.5	98.5	99.7	110.
Sep	99.5	102.5	98.5	97.8	110.
Oct	99.8	103.3	98.4	100.3	111.
Nov	99.7	102.8	98.4	100.7	112
Dec	99.8	103.1	98.5	100.3	110
2019 Jan	99.8	103.0	98.6	100.7	109.
Feb	99.9	102.9	98.7	100.8	111.
Mar	100.0	103.7	98.7	98.3	111.
Apr	100.1	104.1	98.7	98.2	110
May	100.3	104.3	98.7	101.0	110.
Jun	100.2	104.0	98.9	96.2	112
Jul	100.2	103.4	99.0	99.8	112
Aug	100.3	103.5	99.1	98.6	113.
Sep	100.4	103.8	99.1	100.3	113.
Oct	100.6	104.6	99.0	102.2	114.
Nov	100.5	104.4	99.0	101.4	113.
Dec	100.8	104.7	99.1	103.9	114.
2020 Jan	101.0	104.8	99.3	105.3	113.
Feb					
	101.1	104.9	99.5	106.0	114.
Mar	100.7	104.1	99.7	93.3	112.
Apr	98.1	99.0	99.6	57.1	90.
May	97.6	96.6	99.5	61.6	87.
Jun	97.3	96.4	99.5	55.5	92.
ercentage change, latest	year on previous year				
	\$22S	S22T	S22U	S22V	S22V
2015	2.8	4.1	2.1	8.3	4.
2016	2.0	1.4	2.4	-0.7	3.
2017	-1.0	1.0	-1.9	2.1	4.
	0.6	1.6	0.3	-2.0	4.
2018				-2.0	
2019	0.6	1.1	0.4	-	2.
ercentage change, latest					
2019 Jun	S27I	S27J	S27K	S27L	S27
2018 Jun	0.9	1.6	0.7	-1.3	4.
Jul	0.9	1.7	0.8	-2.9	5.
Aug	0.7	1.0	0.8	-3.3	4.
Sep	0.8	1.8	0.8	-5.5	4
Oct	0.8	1.9	0.5	-2.6	5
Nov	0.5	1.0	0.4	-2.6	5.
Dec	0.6	1.1	0.4	-1.0	3
2019 Jan	0.5	0.8	0.4	-0.7	1
Feb	0.4	0.5	0.4	-0.9	3
Mar	0.4	1.1	0.3	-3.0	3.
Apr	0.4	1.3	0.2	-1.1	1.
May	0.5	1.2	0.1	3.0	1.
Jun	0.5	1.6	0.2	-5.2	3.
Jul	0.5	0.7	0.4	0.1	2.
Aug	0.7	1.0	0.6	-1.1	2
Sep	0.9	1.0	0.7	2.6	2
Oct	0.9	1.3	0.6	1.9	2
Nov	0.9	1.5	0.6	0.7	1.
Dec	1.0	1.5	0.7	3.6	2
2020 Jan	1.1	1.7	0.7	4.5	3.
Feb	1.3	1.9	0.8	5.2	3
Mar	0.7	0.4	1.0	-5.1	0.
Apr	-2.0	-4.9	0.9	-41.8	-18
Mari	0 7	7 ^	~ ~ ~	00.0	~ 1
May Jun	-2.7 -2.9	-7.3 -7.3	0.8 0.6	-39.0 -42.3	-21. -17.

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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

continued							
		Buying, selling	Industry components (SIC200	7) Real estate	Professional		
		and renting		activities	scientific and		
	Real estate	of own or leased	Imputed	on fee or	technica		
	activities	real estate	rent	contract basis	activities		
Component	activities	68.1-2	68.2Imp	68.3	N		
2016 weights	176	48	123	5	95		
2010 weights	176	40	125	5	30		
ercentage change, lates	t month on previous month	1					
	S22S	S22T	S22U	S22V	S22W		
2018 Jun	-0.1	-0.6	-	3.4	-0.2		
Jul	-	0.3	-	-1.7	1.3		
Aug	-0.1	-0.1	-0.1	-	0.1		
Sep	-0.1	-	-0.1	-2.0	0.3		
Oct	0.2	0.7	-0.1	2.6	0.7		
Nov	-0.1	-0.4	-	0.4	0.5		
Dec	0.1	0.3	0.1	-0.4	-1.0		
2019 Jan	0.1	-0.1	0.1	0.4	-0.9		
Feb	-	-0.1	0.1	0.1	1.1		
Mar	0.1	0.7	-	-2.4	0.1		
Apr	0.1	0.4	-	-0.2	-0.5		
May	0.2	0.2	-	2.9			
Jun	-0.1	-0.3	0.1	-4.8	1.6		
Jul	0.1	-0.6	0.2	3.8	0.5		
Aug	0.1	0.1	0.1	-1.2	0.5		
Sep	0.1	0.2	-	1.7	-0.1		
Oct	0.3	0.9	-0.1	1.8	0.9		
Nov	-0.1	-0.2	-0.1	-0.7	-0.9		
Dec	0.2	0.3	0.1	2.4	-0.		
2020 Jan	0.2	0.0	0.2	1.4	-0.3		
Feb	0.2	0.1	0.2	0.7	-0.		
Mar	-0.5	-0.8	0.2	-12.0	-2.1		
Apr	-0.5	-0.0	-0.1	-38.8	-19.2		
	-2.5	-4.9	-0.1	-38.8	-3.6		
May Jun	-0.8	-2.4	-0.1	-10.0	-3.0		
Juli	-0.0	-0.0		-10.0	0.0		
ercentage change, lates	t 3 months on same 3 mont	ths a year ago					
	S2GW	S2GX	S2GY	S2GZ	S2H2		
2018 Jun	0.8	1.8	0.5	-2.1	5.4		
Jul	0.9	1.8	0.7	-3.0	5.0		
Aug	0.8	1.4	0.7	-2.5	5.0		
Sep	0.8	1.5	0.8	-3.9	4.9		
Oct	0.8	1.6	0.7	-3.8	4.9		
Nov	0.7	1.5	0.6	-3.6	5.0		
Dec	0.6	1.3	0.4	-2.1	4.6		
2019 Jan	0.5	1.0	0.4	-1.5	3.3		
Feb	0.5	0.8	0.4	-0.9	2.6		
Mar	0.4	0.8	0.4	-1.6	2.0		
Apr	0.4	1.0	0.3	-1.7	2.		
May	0.5	1.2	0.2	-0.4	2.		
Jun	0.5	1.4	0.2	-1.2	2.		
Jul	0.5	1.4	0.2	-0.7	2.		
Aug	0.5	1.1	0.4	-0.7	2.		
Sep	0.7	1.0	0.6	0.5	2.		
Oct	0.8	1.0	0.6	1.1	2.		
Nov	0.9	1.2	0.6	1.7	2.		
Dec	0.9	1.3	0.6	2.1	2.		
2020 Jan			0.8	2.1			
	1.0	1.6			2.		
Feb	1.1	1.7	0.7	4.4	3.:		
Mar	1.0	1.3	0.9	1.6	2.		
Apr	-	-0.9	0.9	-13.7	-4.1		
May	-1.4	-3.9	0.9	-28.7	-12.		
Jun	-2.5	-6.5	0.8	-41.0	-18.8		

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)						
		Buying, selling		Real estate	Professional		
		and renting		activities	scientific and		
	Real estate	of own or leased	Imputed	on fee or	technica		
	activities	real estate	rent	contract basis	activities		
Component	L	68.1-2	68.2Imp	68.3	N		
2016 weights	176	48	123	5	95		
Percentage change, lates	st 3 months on previous	3 months					
	S2C8	S2C9	S2CA	S2CB	S2CC		
2018 Jun	0.2	0.3	0.3	-1.9	0.9		
Jul	0.1	0.1	0.2	-1.1	1.2		
Aug	-	-0.3	0.1	0.7	1.0		
Sep	-0.1	-0.1	-0.1	-0.5	1.3		
Oct	-0.1	0.1	-0.1	-0.5	1.4		
Nov	-	0.4	-0.2	-0.7	1.5		
Dec	0.1	0.5	-0.1	1.4	1.0		
2019 Jan	0.1	0.2	-	1.3	0.1		
Feb	0.2	0.1	0.2	1.0	-0.7		
Mar	0.2	0.1	0.2	-0.5	-0.7		
Apr	0.2	0.5	0.2	-1.5			
May	0.3	0.9	0.1	-1.4	0.2		
Jun	0.3	0.9	0.1	-1.5	0.4		
Jul	0.2	0.3	0.2	-0.1	0.9		
Aug	0.1	-0.3	0.3	-1.0	1.9		
Sep	0.1	-0.5	0.3	1.2	1.8		
Oct	0.2	0.1	0.2	1.4	1.5		
Nov	0.3	0.6	0.1	3.1	0.7		
Dec	0.3	1.0	-	2.9	0.0		
2020 Jan	0.3	0.6	0.1	3.1			
Feb	0.4	0.5	0.3	3.7	0.4		
Mar	0.3	-	0.4	-0.9	-0.4		
Apr	-0.8	-1.9	0.5	-17.4	-6.9		
May	-2.2	-4.7	0.3	-32.7	-15.2		
Jun	-3.2	-6.9	-	-42.8	-20.4		

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IOSCOMP

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007) Activities of						
	Accounting head offices; Architectural So						
	Legal	and auditing	management	and engineering	research and		
	activities	activities	consultancy	activities	developmen		
omponent	69.1	69.2	70	71	7:		
16 weights	17	15	17	17			
ie weighte	S2LR	S2LS	S2LT	S2LU	S2L		
2015	100.6	99.0	89.8	97.8	92.9		
2016	100.0	100.0	100.0	100.0	100.0		
2017	104.9	106.2	106.6	102.5	106.		
2018	108.2	116.8	108.4	108.8	108.		
2019	110.5	122.0	112.7	103.0	121.		
2018 Jun	109.5	113.7	107.6	107.6	105.		
Jul	109.5	116.2	107.4	111.8	108.		
Aug	106.9	118.7	108.1	110.7	109.		
•							
Sep	107.2	120.4	109.5	108.2	111.		
Oct	107.6	123.7	110.8	107.6	109.		
Nov	107.5	119.5	112.2	109.4	113.		
Dec	110.3	116.7	111.2	105.9	110.		
2019 Jan	107.2	114.9	110.5	105.5	112.		
Feb	108.8	114.5	109.9	105.5	112.		
Mar	109.5	118.9	110.8	105.1	118.		
Apr	109.1	118.4	110.0	101.2	117.		
May	109.5	121.1	112.1	101.8	113.		
Jun	109.7	122.3	113.7	104.7	120.		
Jul	109.3	123.9	114.5	100.7	123.		
Aug	112.7	125.3	115.0	102.2	120.		
Sep	111.2	124.2	115.4	101.1	126.		
Oct	112.5	126.5	114.0	103.3	129.		
Nov	112.7	125.5	113.3	101.9	123.		
Dec	113.9	127.0	113.5	103.0	124.		
2020 Jan	111.7	126.3	114.9	102.6	129.		
Feb	113.4	128.3	115.7	102.0	131.		
Mar	113.1	121.0	113.9	103.6	139.		
Apr	97.5	102.5	96.5	72.5	126.		
May	95.4	100.1	90.8	70.0	120.		
Jun	98.6	110.3	88.4	76.2	133.		
ercentage change, latest year on	previous year						
	S22X	S22Y	S22Z	S232	S23		
2015	7.2	4.4	8.9	-	9.		
2016	-0.6	1.0	11.4	2.3	7.		
2017	4.9	6.2	6.6	2.5	6.		
2018	3.2	10.0	1.6	6.2	2.		
2019	2.1	4.5	4.0	-5.3	11.		
rcentage change, latest month	on same month a y	/ear ago					
	S27N	S27O	S27P	S27Q	S27		
2018 Jun	4.3	7.3	3.2	6.7	0.		
Jul	4.8	6.2	2.7	10.5	2.		
Aug	2.1	9.9	2.5	8.6	2.		
Sep	1.9	13.1	2.1	5.3	3.		
Oct	1.9	16.5	0.1	4.5	3.		
Nov	1.9	9.9	1.1	4.5	5.		
_							
Dec	5.6	4.5	2.0	-0.9	-2.		
2019 Jan	-0.8	-1.1	3.3	-3.5	3.		
Feb	3.2	3.7	3.5	-1.3	13.		
Mar	0.8	5.4	4.6	-3.0	13.		
Apr	0.4	1.9	2.5	-7.6	9.		
May	0.4	5.0	4.3	-7.0	7.		
Jun	0.2	7.6	5.6	-2.7	14.		
				-9.9			
Jul	-0.2	6.6	6.6		14.		
Aug	5.4	5.5	6.4	-7.7	10.		
Sep	3.8	3.2	5.4	-6.6	13.		
Oct	4.6	2.3	2.9	-4.0	18.		
Nov	4.9	5.0	0.9	-6.8	8.		
Dec	3.2	8.8	2.1	-2.8	13.		
		9.9					
2020 Jan	4.2		4.0	-2.8	14.		
Feb	4.2	10.2	5.2	-3.9	9.		
Mar	3.3	1.8	2.8	-1.4	18.		
Apr	-10.6	-13.4	-12.3	-28.4	7.		
May	-12.9	-17.3	-19.0	-31.2	5.		

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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007) Activities of						
		Accounting	Accounting head offices; Architectural				
	Legal	and auditing activities	nead offices; management consultancy	and engineering	Scientific research and		
	activities			activities	developmen		
Component	69.1	69.2	70	71	72		
2016 weights	17	15	17	17	9		
-							
ercentage change, latest	month on previous month S22X	S22Y	S22Z	S232	S233		
2018 Jun	0.4	-1.4	0.1	-1.7	-0.6		
Jul	0.1	2.3	-0.2	3.9	2.3		
Aug	-2.4	2.2	0.7	-1.0	0.8		
Sep	0.3	1.4	1.3	-2.3	2.0		
Oct	0.4	2.8	1.2	-0.6	-1.4		
Nov	-0.1	-3.4	1.3	1.7	3.6		
Dec	2.7	-2.3	-0.9	-3.2	-3.4		
2019 Jan	-2.9	-1.6	-0.6	-0.4	2.2		
Feb	1.6	1.4	-0.5	0.7	7.1		
Mar	0.6	2.0	0.8	-1.1	-1.6		
Apr	-0.4	-0.4	-0.7	-3.7	-0.6		
May	0.4	2.3	1.9	0.6	-3.3		
Jun	0.2	1.0	1.4	2.9	6.1		
Jul	-0.4	1.4	0.7	-3.9	2.2		
Aug	3.1	1.1	0.5	1.5	-2.5		
Sep	-1.3	-0.8	0.3	-1.1	4.7		
Oct	1.2	1.9	-1.2	2.2	3.1		
Nov	0.2	-0.8	-0.6	-1.3	-4.9		
Dec	1.1	1.2	0.2	1.0	0.8		
2020 Jan	-2.0	-0.6	1.2	-0.4	3.0		
Feb	1.5	1.7	0.7	-0.5	2.		
Mar	-0.3	-5.7	-1.6	1.6	6.		
Apr	-13.7	-15.3	-15.3	-30.0	-9.		
May	-2.2	-2.3	-5.9	-3.4	-4.8		
Jun	3.4	10.1	-2.6	8.8	10.6		
ercentage change, latest	3 months on same 3 mont	hs a year ago					
	S2H3	S2H4	S2H5	S2H6	S2H7		
2018 Jun	4.1	10.0	2.5	7.2	4.6		
Jul	4.9	7.2	2.9	8.0	3.0		
Aug	3.8	7.8	2.8	8.6	1.9		
Sep	3.0	9.7	2.4	8.1	3.0		
Oct	2.0	13.2	1.5	6.1	3.3		
Nov	1.6	13.1	1.1	4.8	4.3		
Dec	2.8	10.2	1.1	2.7	2.1		
2019 Jan	1.9	4.3	2.1	-	2.4		
Feb	2.6	2.3	2.9	-1.9	4.9		
Mar	1.0	2.6	3.8	-2.6	10.2		
Apr	1.4	3.6	3.5	-4.0	12.		
May	0.5	4.1	3.8	-5.9	9.9		
Jun	0.3	4.8	4.1	-5.8	10.		
Jul	0.1	6.4	5.5	-6.6	11.		
Aug	1.8	6.6	6.2	-6.8	12.		
Sep	3.0	5.1	6.1	-8.1	12.		
Oct	4.6	3.6	4.9	-6.1	13.		
Nov	4.4	3.5	3.1	-5.8	13.		
Dec	4.2	5.3	2.0	-4.6	13.		
2020 Jan	4.1	7.9	2.3	-4.2	12.		
Feb	3.9	9.6	3.8	-3.2	12.4		
Mar	3.9	7.2	4.0	-2.7	14.0		
Apr	-1.0	-0.5	-1.4	-11.0	11.0		
May	-6.7	-9.7	-9.5	-20.1	10.4		
Jun	-11.2	-13.5	-17.9	-28.9	7.8		

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC20	007)	
			Activities of		
		Accounting	head offices;	Architectural	Scientific
	Legal	and auditing	management	and engineering	research and
	activities	activities	consultancy	activities	developmen
Component	69.1	69.2	70	71	72
2016 weights	17	15	17	17	ę
Percentage change, latest	3 months on previous 3 r	nonths			
	S2CD	S2CE	S2CF	S2CG	S2CH
2018 Jun	1.6	1.1	1.0	0.4	0.5
Jul	1.7	1.1	0.9	1.1	0.0
Aug	-0.1	1.2	0.7	0.9	1.5
Sep	-1.1	2.9	0.8	1.3	2.7
Oct	-2.0	5.1	1.8	-0.7	3.0
Nov	-1.1	4.3	2.9	-1.5	3.6
Dec	0.5	1.3	2.9	-2.4	1.4
2019 Jan	1.0	-3.2	1.7	-1.8	1.7
Feb	1.3	-4.3	-0.2	-2.3	2.3
Mar	-	-2.7	-0.9	-1.9	5.3
Apr	0.8	0.8	-1.0	-2.6	6.1
May	0.5	2.9	0.4	-3.0	2.2
Jun	0.9	3.3	1.4	-2.8	0.4
Jul	0.3	3.8	2.9	-1.7	0.5
Aug	1.1	3.7	3.1	-0.1	4.2
Sep	1.5	3.2	2.7	-1.2	5.0
Oct	2.4	2.4	1.2	-0.2	5.0
Nov	1.4	1.3	-0.1	-0.4	4.0
Dec	1.8	1.5	-1.2	1.4	2.1
2020 Jan	0.6	0.7	-0.8	0.3	0.1
Feb	0.7	1.4	0.5	0.4	1.
Mar	-0.3	-0.9	1.1	-	5.9
Apr	-4.2	-7.1	-4.6	-9.5	5.5
May	-9.7	-15.2	-12.5	-20.0	0.4
Jun	-13.8	-16.7	-20.0	-29.0	-5.0

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IOSCOMP

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007) Other professional Administrative					
	Advertising	•			Renta	
	and market	technical	Veterinary	and support service	and leasing	
	research	activities	activities	activities	activitie	
component	73	74	75	N	7	
	13	6	2	64	1	
016 weights						
0015	S2LW	S2LX	S2LY	S2LZ	S2M	
2015	97.8	101.6	95.2	98.1	97.	
2016	100.0	100.0	100.0	100.0	100.	
2017	103.4	100.4	103.6	104.0	101.	
2018	111.6	101.8	107.3	108.1	104.	
2019	113.7	102.6	114.0	111.4	106.	
0040		100.1	107.0	100.0	105	
2018 Jun	111.3	102.1	107.3	108.6	105.	
Jul	110.3	104.2	108.5	108.4	102.	
Aug	111.4	104.7	109.4	108.4	103.	
Sep	111.9	104.0	109.7	108.0	103.	
Oct	114.2	102.5	110.7	110.0	103.	
Nov	115.3	104.9	110.7	110.1	104.	
Dec	116.7	102.5	109.8	109.4	105.	
2019 Jan	115.7	100.7	110.4	110.5	104.	
Feb	115.1	99.7	112.1	111.4	106.	
Mar	113.6	101.0	112.2	111.4	106.	
Apr	116.4	101.9	112.5	110.4	102.	
May	110.9	103.9	112.5	111.0	103.	
Jun	112.4	103.9	112.5	110.5	103.	
Jul	117.4	101.8	114.9	112.2	109.	
Aug	113.2	104.6	114.9	111.4	107.	
Sep	112.7	103.9	116.6	110.9	102.	
Oct	110.9	106.7	114.9	111.5	106.	
Nov	112.6	103.4	116.8	112.6	109.	
Dec	113.8	101.7	116.4	113.3	110.	
2020 Jan						
	111.5	98.1	119.5	113.8	109.	
Feb	111.7	98.0	118.8	112.5	110.	
Mar	99.0	95.9	112.9	100.9	94.	
Apr	70.5	75.9	71.5	73.2	65.	
May	66.1	69.7	91.1	72.4	69.	
Jun	71.4	74.1	109.5	82.6	87.	
Percentage change, latest y	ear on previous year					
	S234	S235	S236	S237	S23	
2015	4.8	-1.3	-0.3	5.0	9.	
2016	2.3	-1.6	5.0	1.9	2.	
2017	3.4	0.4	3.6	4.0	1.	
2018	7.9	1.4	3.6	3.9	3.	
2019	1.9	0.8	6.2	3.1	1.	
ercentage change, latest n						
0010	S27S	S27T	S27U	S27V	S27V	
2018 Jun	6.2	-0.4	0.7	4.8	4.	
Jul	5.1	5.0	3.8	4.4	0.	
Aug	3.5	4.2	2.6	4.0	2.	
Sep	0.1	2.1	4.3	2.8	3.	
Oct	10.2	1.7	5.7	4.1	-0.	
Nov	9.0	6.8	7.6	3.4	0.	
Dec	11.4	4.9	7.5	1.9	2.	
2019 Jan	6.6	2.1	7.9	2.6	-2.	
Feb	5.7		8.7	5.2	-2. 3.	
		-				
Mar	0.9	2.5	8.0	4.7	2.	
Apr	7.2	1.9	5.6	3.1	-3.	
May	0.8	4.5	6.4	3.7	0.	
Jun	1.0	-0.3	5.7	1.8	-1.	
Jul	6.4	-2.4	5.9	3.5	6.	
Aug	1.6	-0.2	5.0	2.8	3.	
Sep	0.8	-0.1	6.3	2.7	-1.	
Oct	-2.9	4.1	3.8	1.3	3.	
Maria	-2.4	-1.5	5.6	2.2	5.	
Nov	-2.5	-0.8	6.0	3.6	5.	
Dec	07	0.0	8.2	2.9	4.	
Dec	-3.7	-2.0				
Dec 2020 Jan		-2.6 -1.6				
Dec 2020 Jan Feb	-3.0	-1.6	5.9	1.0	3.	
Dec 2020 Jan Feb Mar	-3.0 -12.9	-1.6 -5.1	5.9 0.6	1.0 -9.5	3. -11.	
Dec 2020 Jan Feb	-3.0	-1.6	5.9	1.0	3.	

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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007) Other professional Administrative						
	Advertising	scientific and			Renta		
	Advertising		Mataninami	and support			
	and market research	technical activities	Veterinary activities	service activities	and leasing activities		
Component	73	74	75	N	7		
2016 weights	13	6	2	64	14		
2010 weights	13	0	4	04			
ercentage change, latest	month on previous month	1					
	S234	S235	S236	S237	S23		
2018 Jun	1.1	2.6	1.5	1.5	2.3		
Jul	-0.9	2.1	1.1	-0.2	-2.4		
Aug	1.0	0.5	0.9	-	1.:		
Sep	0.4	-0.7	0.3	-0.3			
Oct	2.1	-1.4	0.9	1.8	-0.1		
Nov	1.0	2.3	-	0.1	1.		
Dec	1.2	-2.3	-0.7	-0.7	1.0		
2019 Jan	-0.8	-1.7	0.5	1.1	-0.4		
Feb	-0.5	-1.1	1.6	0.8	-0		
	-0.3	-1.1	0.1	0.0	-0.1		
Mar				-			
Apr	2.5	0.9	0.3	-0.9	-3.		
May	-4.8	1.9	-	0.6	0.		
Jun	1.4	-2.1	0.8	-0.4	1.		
Jul	4.4	-	1.3	1.5	5.		
Aug	-3.6	2.8	-	-0.7	-2.1		
Sep	-0.4	-0.6	1.5	-0.4	-4.8		
Oct	-1.6	2.7	-1.5	0.5	4.		
Nov	1.5	-3.1	1.7	1.0	2		
Dec	1.1	-1.6	-0.3	0.6	0.		
2020 Jan	-2.1	-3.6	2.6	0.4	-0.		
Feb	0.2	-0.1	-0.6	-1.1	0.		
Mar	-11.4	-2.2	-4.9	-10.4	-14.		
Apr	-28.7	-20.8	-36.7	-27.4	-30.		
May	-6.3	-8.1	27.5	-1.0	5.		
Jun	8.0	6.4	20.1	14.1	26.		
ercentage change, latest	3 months on same 3 mont	ths a year ago					
	S2H8	S2H9	S2HA	S2HB	S2H0		
2018 Jun	7.7	-2.2	3.5	5.0	4.:		
Jul	6.1	-0.3	2.5	4.3	2.		
Aug	4.9	2.9	2.3	4.4	2.		
Sep	2.9	3.7	3.5	3.7	1.		
Oct	4.5	2.7	4.2	3.6	1.		
Nov	6.3	3.5	5.8	3.4	1.		
Dec	10.2	4.4	6.9	3.1	1.		
2019 Jan	9.0	4.6	7.6	2.6	0.		
Feb	7.9	2.3	8.0	3.2	1.		
Mar	4.4	1.5	8.2	4.2	1.		
Apr	4.4	1.5	7.4	4.2	0.		
May	2.9	2.9	6.7	3.8	-0.		
•	3.0	2.9	5.9	2.9			
Jun					-1.		
Jul	2.7	0.5	6.0	3.0	2.		
Aug	3.0	-1.0	5.5	2.7	3.		
Sep	2.9	-0.9	5.7	3.0	2.		
Oct	-0.2	1.3	5.0	2.2	1.		
Nov	-1.5	0.8	5.2	2.1	2.		
Dec	-2.6	0.6	5.1	2.4	4.		
2020 Jan	-2.9	-1.6	6.6	2.9	4.		
Feb	-3.0	-1.7	6.7	2.5	4.		
	-6.5	-3.1	4.9	-1.9	-1.		
Mar		0.1					
Mar Apr	-18.5	-10.8	-10.0	-14.0	-14.		
	-18.5 -30.9		-10.0 -18.3	-14.0 -25.9	-14. -26.		

1 Indices reflect values measured at basic prices, which exclude "taxes less

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)						
		Other professional		Administrative			
	Advertising	scientific and		and support	Rental		
	and market	technical	Veterinary	service	and leasing		
	research	activities	activities	activities	activities		
Component	73	74	75	N	77		
2016 weights	13	6	2	64	14		
Percentage change, lates	t 3 months on previous 3	months					
	S2CI	S2CJ	S2CK	S2CL	S2CM		
2018 Jun	-	1.6	3.3	0.8	0.1		
Jul	0.5	2.5	2.5	1.4	-0.7		
Aug	0.5	4.3	2.9	1.5	-0.5		
Sep	1.1	3.8	2.5	0.6	-1.3		
Oct	1.7	1.8	2.6	0.7	-		
Nov	2.5	0.1	1.8	0.9	-0.3		
Dec	3.8	-1.0	1.1	1.5	0.6		
2019 Jan	3.0	-1.0	0.3	1.1	1.1		
Feb	1.8	-2.7	0.4	1.0	1.8		
Mar	-0.5	-2.8	1.1	1.2	1.8		
Apr	-0.8	-1.8	1.8	1.0	0.5		
May	-1.9	1.3	1.4	0.4	-1.4		
Jun	-1.3	2.1	1.1	-0.4	-2.5		
Jul	-1.3	1.6	1.2	0.2	0.4		
Aug	0.6	0.4	1.8	0.4	2.9		
Sep	1.0	0.9	2.4	0.8	2.9		
Oct	-1.1	2.5	1.6	-	-0.2		
Nov	-2.0	1.9	1.5	0.3	-0.8		
Dec	-1.8	0.5	0.5	0.9	2.4		
2020 Jan	0.3	-3.8	1.8	1.8	4.2		
Feb	0.2	-5.1	1.8	1.4	3.8		
Mar	-4.5	-6.3	0.9	-3.0	-3.7		
Apr	-16.8	-11.0	-14.0	-15.6	-17.8		
May	-30.1	-18.9	-22.3	-27.4	-30.5		
Jun	-35.4	-24.7	-22.5	-30.2	-29.4		

1 Indices reflect values measured at basic prices, which exclude "taxes less

subsidies on products". 2 Estimates cannot be regarded as accurate to the last digit shown.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			ndustry components (SIC2	Services to	Office administrative
		Travel agencies	Security and	buildings and	office support an
	Employment	and tour	investigation	landscape	other busines
	activities	operators	activities	activities	support activitie
component	78	79	80	81	8
016 weights	18	7	2	7	1
o to weights	S2M3	S2M4	S2M5	S2M6	S2M
2015		93.7		101.2	
	98.2		96.3		99.
2016	100.0	100.0	100.0	100.0	100.
2017	103.7	107.2	100.9	100.8	107.
2018	111.5	98.6	109.0	103.9	113.
2019	121.1	95.2	116.7	103.9	114.
2018 Jun	112.6	101.6	109.6	104.4	112.
Jul	111.3	98.8	111.8	106.0	115.
Aug	110.9	96.7	110.0	105.5	116.
Sep	112.7	95.3	111.8	105.0	113.
Oct	118.4	96.2	109.7	104.2	115.
Nov	118.9	97.5	109.9	103.8	113.
Dec		95.4			
	117.4		112.3	101.1	113.
2019 Jan	119.4	97.9	115.5	100.9	114.
Feb	120.9	96.3	115.8	101.0	115.
Mar	121.4	94.1	115.1	103.6	114.
Apr	121.0	95.8	116.0	105.7	112
May	120.8	94.6	117.9	103.3	116
Jun	120.0	93.6	117.1	100.6	116
Jul	121.3	93.6	117.2	103.5	115.
Aug	120.3	95.9	115.8	104.6	114.
Sep	121.8	96.7	117.4	105.1	114.
Oct	119.2	96.8	116.4	108.2	114.
Nov	122.5	94.2	117.5	104.8	114.
Dec	124.1	92.7	119.1	105.4	115.
2020 Jan	124.4	90.4	116.7	110.1	116
Feb	123.0	84.3	114.4	107.8	117.
Mar	114.9	42.2	109.3	104.3	114.
Apr	86.7	4.2	95.9	78.3	90.
May	85.3	3.3	92.7	76.2	88.
Jun	88.2	5.9	97.8	84.0	105.
ercentage change, latest y	/ear on previous year				
	S239	S23A	S23B	S23C	S23
2015	3.0	6.0	0.8	1.5	5.
2016	1.8	6.7	3.8	-1.1	0.
2017	3.7	7.2	0.9	0.8	7.
2018	7.5	-7.9	8.0	3.0	6
2019	8.6	-3.5	7.1	-	1.
ercentage change, latest r	month on same month	a year ago			
	S27X	S27Y	S27Z	S282	S28
2018 Jun	9.6	-5.9	10.0	3.3	4
Jul	7.4	-6.8	14.2	7.1	7.
Aug	7.1	-9.7	8.4	4.8	7.
Sep	8.3	-12.1	9.7	3.0	2
Oct	12.1	-9.7	9.0	2.6	4
	12.1				
Nov		-10.1	6.9	2.7	2
Dec	8.3	-9.7	12.5	-0.1	-1
2019 Jan	11.8	-5.3	12.2	-1.9	1.
Feb	13.4	-2.2	9.9	-3.7	3.
Mar	14.3	-6.7	8.0	-0.2	1.
Apr	13.4	-5.1	6.1	4.7	-0
May	10.6	-4.0	8.8	-0.7	3
Jun	6.9	-7.8	6.8	-3.6	3.
Jul	9.0	-5.2	4.9	-2.4	0.
Aug	8.5	-0.9	5.3	-0.8	-1.
Sep	8.1	1.5	5.0	0.1	1.
Oct	0.6	0.6	6.1	3.9	-1.
Nov	3.0	-3.3	6.9	1.0	0.
Dec		-3.3		4.3	1
	5.7		6.1		
	4.2	-7.7	1.1	9.1	1.
2020 Jan	1.7	-12.5	-1.2	6.8	1.
Feb					
	-5.3	-55.2	-5.0	0.7	-0.
Feb				0.7 -25.9	
Feb Mar	-5.3	-55.2	-5.0		-0. -19. -24.

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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

ontinued			Industry components (SIC2007)		
				Services to	Office administrative
		Travel agencies	Security and	buildings and	office support and
	Employment	and tour	investigation	landscape	other business
	activities	operators	activities	activities	support activities
Component	78	79	80	81	82
2016 weights	18	7	2	7	15
avaantava ahanva lataat	menth en nuevieus menth				
ercentage change, latest	month on previous month S239	S23A	S23B	S23C	S23E
2018 Jun	3.1	3.1	1.2	0.4	-1.1
Jul	-1.1	-2.7	2.0	1.5	2.8
Aug	-0.4	-2.1	-1.6	-0.5	0.8
Sep	1.7	-1.5	1.6	-0.4	-2.6
Oct	5.1	1.0	-1.8	-0.8	2.0
Nov	0.4	1.0	0.2	-0.4	-1.4
Dec	-1.3	-2.1	2.1	-0.4	-0.4
2019 Jan	-1.5	2.6	2.8	-2.0	-0
Feb	1.7	-1.7	0.3	-0.1	0.6
Mar	0.4	-1.7 -2.2	-0.7	2.6	-0.5
	-0.4	-2.2	-0.7 0.8	2.0	-0.: -1. ⁻
Apr					
May	-0.2	-1.2	1.7	-2.3	3.4
Jun	-0.4	-1.1	-0.7	-2.6	-0.0
Jul	0.9	-	0.1	2.8	-0.
Aug	-0.9	2.4	-1.3	1.1	-1.:
Sep	1.2	0.9	1.4	0.4	0.2
Oct	-2.2	0.2	-0.8	3.0	-0.
Nov	2.8	-2.7	1.0	-3.2	0.
Dec	1.3	-1.6	1.3	0.6	0.
2020 Jan	0.3	-2.5	-2.0	4.5	1.4
Feb	-1.1	-6.8	-2.0	-2.1	0.1
Mar	-6.6	-50.0	-4.5	-3.2	-2.1
Apr	-24.6	-90.0	-12.3	-24.9	-20.
May	-1.6	-21.7	-3.3	-2.7	-3.
Jun	3.5	80.4	5.5	10.2	19.
avaantana ahanna lataat	2 mantha an aoma 2 manth				
ercentage change, latest	3 months on same 3 month S2HD	s a year ago S2HE	S2HF	S2HG	S2HI
2018 Jun	8.8	-4.8	8.7	1.8	6.
Jul	8.1	-6.8	11.0	3.9	6.1
Aug	8.0	-7.5	10.8	5.1	6.
Sep	7.6	-9.6	10.7	5.0	5.
Oct	9.2	-10.5	9.0	3.5	4.
Nov	10.6	-10.5	8.5	2.8	4.
Dec	10.6	-9.8	9.4	1.7	5. 1. ¹
2019 Jan	10.5	-9.8	9.4 10.5	0.2	0.1
Feb				-1.9	
	11.1	-5.8 -4.7	11.5		1.
Mar	13.2		10.0	-1.9	2.
Apr	13.7	-4.7	8.0	0.2	1.
May	12.8	-5.3	7.7	1.2	1.
	10.2	-5.6	7.2	0.1	2.
Jun			6.8	-2.2	2.
Jun Jul	8.8	-5.7			
Jul Aug	8.1	-4.7	5.6	-2.3	
Jul Aug Sep	8.1 8.5	-4.7 -1.6	5.0	-2.3 -1.0	-0.
Jun Jul Aug Sep Oct	8.1 8.5 5.6	-4.7 -1.6 0.4	5.0 5.4	-2.3 -1.0 1.0	-0. -0.
Jun Jul Aug Sep	8.1 8.5	-4.7 -1.6	5.0	-2.3 -1.0	-0. -0.
Jun Jul Aug Sep Oct	8.1 8.5 5.6	-4.7 -1.6 0.4	5.0 5.4	-2.3 -1.0 1.0	-0. -0. 0.
Jun Jul Aug Sep Oct Nov	8.1 8.5 5.6 3.8	-4.7 -1.6 0.4 -0.4	5.0 5.4 6.0	-2.3 -1.0 1.0 1.6	-0. -0. 0. 0.
Jun Jul Aug Sep Oct Nov Dec	8.1 8.5 5.6 3.8 3.1	-4.7 -1.6 0.4 -0.4 -1.9	5.0 5.4 6.0 6.3	-2.3 -1.0 1.0 1.6 3.0	-0. -0. 0. 1.
Jun Jul Aug Sep Oct Nov Dec 2020 Jan	8.1 8.5 5.6 3.8 3.1 4.3 3.8	-4.7 -1.6 0.4 -0.4 -1.9 -4.6	5.0 5.4 6.0 6.3 4.6	-2.3 -1.0 1.0 1.6 3.0 4.8	-0. -0.' 0.' 1.' 1.'
Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar	8.1 8.5 5.6 3.8 3.1 4.3 3.8 0.2	-4.7 -1.6 0.4 -0.4 -1.9 -4.6 -7.7 -24.8	5.0 5.4 6.0 6.3 4.6 1.9 -1.7	-2.3 -1.0 1.0 1.6 3.0 4.8 6.7 5.5	-0. -0. 0. 1. 1. 0.
Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb	8.1 8.5 5.6 3.8 3.1 4.3 3.8	-4.7 -1.6 0.4 -0.4 -1.9 -4.6 -7.7	5.0 5.4 6.0 6.3 4.6 1.9	-2.3 -1.0 1.0 1.6 3.0 4.8 6.7	0. -0. 0. 1. 1. 1. 0. -6. -14.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC200		
				Services to C	Office administrative
		Travel agencies	Security and	buildings and	office support and
	Employment	and tour	investigation	landscape	other business
	activities	operators	activities	activities	support activities
Component	78	79	80	81	82
2016 weights	18	7	2	7	15
Percentage change, late:	st 3 months on previous 3	months			
	S2CN	S2CO	S2CP	S2CQ	S2CF
2018 Jun	2.8	-0.6	4.0	-0.7	0.1
Jul	4.3	-0.4	2.7	1.5	0.6
Aug	4.0	-1.1	2.2	2.3	1.0
Sep	2.0	-3.4	1.9	2.3	1.6
Oct	2.7	-3.6	0.5	0.1	1.2
Nov	4.6	-2.7	-	-0.9	-0.2
Dec	5.9	-0.6	-0.5	-2.4	-0.4
2019 Jan	4.0	0.9	1.9	-2.8	-0.7
Feb	2.2	0.2	3.7	-3.2	0.4
Mar	2.0	-0.3	4.3	-1.1	0.8
Apr	2.1	-1.6	2.7	1.5	0.4
May	1.5	-1.8	1.6	3.2	0.3
Jun	0.1	-1.5	1.3	1.3	0.1
Jul	-0.2	-1.5	1.5	-0.9	1.4
Aug	-0.3	-0.5	0.3	-1.2	0.3
Sep	0.4	0.8	-0.2	1.2	-0.6
Oct	-0.3	2.7	-0.8	3.4	-1.7
Nov	0.4	1.6	0.3	3.0	-0.7
Dec	0.6	-0.8	0.8	1.7	0.1
2020 Jan	2.7	-4.2	1.1	0.8	1.4
Feb	2.2	-7.1	-0.3	1.7	1.1
Mar	-0.9	-23.6	-3.6	1.2	1.:
Apr	-12.5	-52.9	-9.6	-9.3	-7.1
May	-22.8	-81.4	-15.0	-19.9	-16.0
Jun	-28.2	-93.8	-15.9	-26.0	-18.4

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Public admin	Public admin	dustry components (SIC200		
	and defence;	and defence;			Human healt
	compulsory	compulsory			and social wor
	social security	social security	Education	Education	activitie
Component	0	84	Р	85	(
016 weights	61	61	72	72	9
	S2M8	S2M9	S2MA	S2MB	S2M
2015	102.0	102.0	100.8	100.8	98.
2016	100.0	100.0	100.0	100.0	100.
2017	100.8	100.8	101.2	101.2	101.
2018	101.6	101.6	101.9	101.9	101.
2019	103.8	103.8	104.6	104.6	103.
2018 Jun	101.7	101.7	101.8	101.8	101.
Jul	102.1	102.1	101.8	101.8	101.
Aug	102.4	102.4	101.9	101.9	101.
			102.1		101.
Sep	102.3	102.3		102.1	
Oct	102.1	102.1	102.4	102.4	101.5
Nov	102.1	102.1	102.7	102.7	102.
Dec	102.5	102.5	103.1	103.1	102.
2019 Jan	103.1	103.1	103.5	103.5	102.3
Feb	103.5	103.5	103.8	103.8	102.
Mar	103.7	103.7	103.9	103.9	102.
Apr	103.7	103.7	104.0	104.0	102.
May	103.7	103.7	104.3	104.3	102.
Jun	103.6	103.6	104.6	104.6	103.
Jul	103.7	103.7	104.6	104.6	103.
Aug	103.8	103.8	104.7	104.7	103.
Sep	103.9	103.9	104.8	104.8	103.
Oct	104.4	104.4	105.0	105.0	103.
Nov	104.4	104.4	105.5	105.5	103.
Dec	104.5	104.5	106.0	106.0	103.
2020 Jan	104.6	104.6	106.5	106.5	103.
Feb	104.7	104.7	106.6	106.6	103.
Mar	104.7	104.7	84.4	84.4	90.
Apr	104.9	104.9	61.8	61.8	71.
May	105.1	105.1	64.6	64.6	71.
•					
Jun	105.1	105.1	68.7	68.7	73.
Percentage change, latest ye	ar on previous year				
ercentage change, latest ye	S23E	S23F	S23G	S23H	S23
2015					
2015	-2.4	-2.4	1.1	1.1	1.
2016	-1.9	-1.9	-0.8	-0.8	1.
2017	0.8	0.8	1.2	1.2	1.
2018	0.9	0.9	0.7	0.7	0.4
2019	2.2	2.2	2.6	2.6	1.
ercentage change, latest m					
0010	S284	S285	S286	S287	S28
2018 Jun	0.6	0.6	0.6	0.6	-0.
Jul	1.4	1.4	0.8	0.8	0.
Aug	1.7	1.7	0.8	0.8	0.
Sep	1.6	1.6	0.9	0.9	0.
Oct	1.3	1.3	1.4	1.4	1.
Nov	1.1	1.1	1.7	1.7	1.
Dec	1.4	1.4	2.0	2.0	1.
2019 Jan	2.2	2.2	2.5	2.5	1.
Feb	2.7	2.7	2.7	2.7	1.
Mar	3.0	3.0	2.6	2.6	1.
Apr	2.8	2.8	2.5	2.5	1.
May	2.4	2.4	2.5	2.5	1.
Jun	1.9	1.9	2.7	2.7	1.
Jul	1.5	1.5	2.7	2.7	2.
	1.4	1.4	2.7	2.7	2.
Aug	1.6	1.6	2.6	2.6	1.
Sep	~ ~		2.5	2.5	1.
Sep Oct	2.2	2.2		2.7	1.
Sep	2.2 2.3	2.2 2.3	2.7	2.1	
Sep Oct	2.3	2.3	2.7 2.8	2.8	1.
Sep Oct Nov Dec	2.3 2.0	2.3 2.0	2.8	2.8	
Sep Oct Nov Dec 2020 Jan	2.3 2.0 1.5	2.3 2.0 1.5	2.8 2.9	2.8 2.9	1.
Sep Oct Nov Dec 2020 Jan Feb	2.3 2.0 1.5 1.1	2.3 2.0 1.5 1.1	2.8 2.9 2.7	2.8 2.9 2.7	1. 0.
Sep Oct Nov Dec 2020 Jan Feb Mar	2.3 2.0 1.5 1.1 0.9	2.3 2.0 1.5 1.1 0.9	2.8 2.9 2.7 -18.8	2.8 2.9 2.7 -18.8	1. 0. -11.
Sep Oct Nov Dec 2020 Jan Feb	2.3 2.0 1.5 1.1	2.3 2.0 1.5 1.1	2.8 2.9 2.7	2.8 2.9 2.7	1. 0. -11.
Sep Oct Nov Dec 2020 Jan Feb Mar	2.3 2.0 1.5 1.1 0.9	2.3 2.0 1.5 1.1 0.9	2.8 2.9 2.7 -18.8	2.8 2.9 2.7 -18.8	1.: 1.: 0.: -11.: -30.: -29.:

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

continued	Industry components (SIC2007)						
	Public admin	Public admin	austry components (SIC2007)			
	and defence;	and defence;			Human health		
	compulsory	compulsory			and social work		
	social security	social security	Education	Education	activities		
Component	O	84	P	85			
2016 weights	61	<u>61</u>	72	72	Q 94		
2010 weights	81	01	12	12	54		
ercentage change, lates	st month on previous month						
	S23E	S23F	S23G	S23H	S23I		
2018 Jun	0.4	0.4	0.1	0.1	-		
Jul	0.4	0.4	0.1	0.1	-		
Aug	0.2	0.2	0.1	0.1	0.2		
Sep	-0.1	-0.1	0.2	0.2	0.3		
Oct	-0.2	-0.2	0.3	0.3	0.2		
Nov	-	-	0.3	0.3	0.1		
Dec	0.3	0.3	0.3	0.3	0.1		
2019 Jan	0.6	0.6	0.4	0.4	0.1		
Feb	0.5	0.5	0.3	0.3	0.1		
Mar	0.2	0.2	0.1	0.1			
Apr	-	-	0.1	0.1			
May	-0.1	-0.1	0.2	0.2	0.2		
Jun	-	-	0.3	0.3	0.4		
Jul	-	-	-	-	0.3		
Aug	0.1	0.1	0.1	0.1	0.2		
Sep	0.1	0.1	0.2	0.2			
Oct	0.5	0.5	0.1	0.1	-0.1		
Nov	-	-	0.5	0.5	0.1		
Dec	0.1	0.1	0.5	0.5	0.1		
2020 Jan	0.1	0.1	0.5	0.5	-0.1		
Feb	0.1	0.1	0.1	0.0	-0.2		
Mar	0.1	0.1	-20.8	-20.8	-12.3		
Apr	0.2	0.2	-26.7	-20.0	-21.4		
May	0.2	0.2	4.6	4.6	-21.4		
Jun	0.1	0.1	6.3	6.3	2.3		
Juli	0.1	0.1	0.5	0.5	2.3		
ercentage change, lates	st 3 months on same 3 month						
	S2HI	S2HJ	S2HK	S2HL	S2HM		
2018 Jun	0.2	0.2	0.4	0.4	-0.3		
Jul	0.7	0.7	0.6	0.6	-0.2		
Aug	1.2	1.2	0.7	0.7	0.1		
Sep	1.6	1.6	0.8	0.8	0.4		
Oct	1.5	1.5	1.0	1.0	0.9		
Nov	1.3	1.3	1.3	1.3	1.3		
Dec	1.3	1.3	1.7	1.7	1.4		
2019 Jan	1.6	1.6	2.1	2.1	1.2		
Feb	2.1	2.1	2.4	2.4	1.1		
Mar	2.6	2.6	2.6	2.6	1.1		
Apr	2.8	2.8	2.6	2.6	1.2		
May	2.7	2.7	2.5	2.5	1.3		
Jun	2.4	2.4	2.6	2.6	1.6		
Jul	2.0	2.0	2.7	2.7	1.8		
Aug	1.6	1.6	2.7	2.7	2.0		
Sep	1.5	1.5	2.7	2.7	2.0		
Oct	1.5	1.7	2.6	2.6	1.9		
Nov	2.0	2.0	2.6	2.0	1.6		
Dec	2.0	2.0	2.0	2.0	1.6		
2020 Jan	1.9	1.9	2.7	2.7	1.5		
Feb			2.8	2.8	1.4		
	1.5	1.5	-4.4				
Mar	1.2	1.2		-4.4	-3.1		
Apr	1.1	1.1	-18.9	-18.9	-13.7		
May	1.1	1.1	-32.5	-32.5	-24.0		
Jun	1.3	1.3	-37.6	-37.6	-29.7		

1 Indices reflect values measured at basic prices, which exclude "taxes less

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

seasonally adjusted 2016 = 100

IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

			Industry components (SIC2007)		
	Public admin	Public admin			
	and defence;	and defence;			Human health
	compulsory	compulsory			and social work
	social security	social security	Education	Education	activities
Component	Ó	84	Р	85	Q
2016 weights	61	61	72	72	94
Percentage change, late	est 3 months on previous 3	months			
	S2CS	S2CT	S2CU	S2CV	S2CW
2018 Jun	0.4	0.4	0.6	0.6	-0.1
Jul	0.8	0.8	0.5	0.5	-
Aug	1.1	1.1	0.3	0.3	0.1
Sep	1.0	1.0	0.3	0.3	0.3
Oct	0.6	0.6	0.4	0.4	0.5
Nov	0.1	0.1	0.6	0.6	0.6
Dec	-	-	0.8	0.8	0.5
2019 Jan	0.3	0.3	0.9	0.9	0.4
Feb	0.8	0.8	1.0	1.0	0.4
Mar	1.2	1.2	1.0	1.0	0.3
Apr	1.1	1.1	0.8	0.8	0.3
May	0.7	0.7	0.6	0.6	0.2
Jun	0.2	0.2	0.5	0.5	0.4
Jul	-	-	0.6	0.6	0.6
Aug	-	-	0.5	0.5	0.8
Sep	0.1	0.1	0.4	0.4	0.8
Oct	0.4	0.4	0.3	0.3	0.5
Nov	0.5	0.5	0.5	0.5	0.2
Dec	0.6	0.6	0.7	0.7	-
2020 Jan	0.5	0.5	1.1	1.1	-
Feb	0.3	0.3	1.2	1.2	-
Mar	0.2	0.2	-6.0	-6.0	-4.2
Apr	0.2	0.2	-20.5	-20.5	-14.7
May	0.3	0.3	-33.9	-33.9	-24.7
Jun	0.4	0.4	-34.4	-34.4	-27.2

1 Indices reflect values measured at basic prices, which exclude "taxes less Indices retiect values measured at basic prices, which exclude taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)					
			Social work	Arts,	, Creative arts	
	Human health	Residential care	activities without	entertainment	and entertainmer	
	activities	activities	accommodation	and recreation	activitie	
Component	86	87	88	R	9	
016 weights	64	13	17	20		
0015	S2MD	S2ME	S2MF	S2MG	S2M	
2015	97.3	100.7	101.2	101.6	99.	
2016	100.0	100.0	100.0	100.0	100.	
2017	101.0	100.4	101.6	103.2	109.	
2018	101.8	100.9	100.6	104.6	109.	
2019	103.5	104.4	100.4	105.1	109.	
2018 Jun	101.7	100.9	99.3	104.7	108.	
Jul	101.6	101.4	99.8	103.4	111.	
Aug	101.6	101.8	100.5	103.9	110.	
Sep	102.0	101.9	100.8	104.9	106.	
Oct	102.2	101.9	100.8	106.4	110.	
Nov	102.4	102.1	100.5	105.6	108.	
Dec	102.4	102.6	99.9	105.0	110.	
2019 Jan	102.7	103.5	99.6	105.2	107.	
Feb	102.8	104.0	99.6	105.2	109.	
Mar	102.7	104.1	99.9	105.2	109.	
Apr	102.7	103.8	100.5	103.4	106.	
May	102.9	103.7	100.9	103.1	110.	
Jun	103.4	104.0	101.1	106.1	112.	
Jul	103.7	104.5	101.1	104.0	111.	
Aug	104.1	104.9	100.9	106.4	111.	
	104.1	104.9	100.5			
Sep				104.0	109.	
Oct	104.0	105.0	100.4	103.9	107.	
Nov	104.2	105.0	100.1	107.0	109.	
Dec	104.4	105.0	99.8	107.2	112.	
2020 Jan	104.3	105.1	99.7	107.9	115.	
Feb	103.9	105.1	99.7	107.7	114.	
Mar	86.4	104.2	96.2	93.7	107.	
Apr	62.2	102.0	81.7	56.3	55.	
May	62.5	102.8	83.9	50.9	41.	
Jun	63.5	102.8	88.8	64.5	41.	
Sun	00.0	100.7	00.0	04.5	40.	
Percentage change, latest y						
	S23J	S23K	S23L	S23M	S23I	
2015	2.0	0.1	1.5	0.8	8.	
2016	2.8	-0.7	-1.2	-1.6	1.	
2017	1.0	0.4	1.6	3.2	9.	
2018	0.8	0.5	-0.9	1.4	0.	
2019	1.6	3.5	-0.2	0.4	0.	
ercentage change, latest n	S289	a year ago S28A	S28B	S28C	S28	
2018 Jun						
	04	0.3	-1/	29	_1	
lul	0.4	0.3	-3.2	2.9 1.2		
Jul	0.4	0.9	-1.8	1.2	2.	
Aug	0.4 0.5	0.9 1.3	-1.8 -0.7	1.2 0.9	2. -0.	
Aug Sep	0.4 0.5 0.8	0.9 1.3 1.6	-1.8	1.2 0.9 2.1	2. -0. -1.	
Aug Sep Oct	0.4 0.5 0.8 1.9	0.9 1.3 1.6 2.2	-1.8 -0.7 -0.1	1.2 0.9 2.1 2.4	2. -0. -1. 1.	
Aug Sep Oct Nov	0.4 0.5 0.8 1.9 1.8	0.9 1.3 1.6 2.2 2.7	-1.8 -0.7 -0.1 - -0.9	1.2 0.9 2.1 2.4 2.2	2. -0. -1. 1. 0.	
Aug Sep Oct Nov Dec	0.4 0.5 0.8 1.9 1.8 1.6	0.9 1.3 1.6 2.2 2.7 3.4	-1.8 -0.7 -0.1 - -0.9 -2.3	1.2 0.9 2.1 2.4 2.2 2.4	2. -0. -1. 1. 0. 1.	
Aug Sep Oct Nov	0.4 0.5 0.8 1.9 1.8	0.9 1.3 1.6 2.2 2.7	-1.8 -0.7 -0.1 - -0.9	1.2 0.9 2.1 2.4 2.2	2. -0. -1. 1. 0. 1.	
Aug Sep Oct Nov Dec	0.4 0.5 0.8 1.9 1.8 1.6	0.9 1.3 1.6 2.2 2.7 3.4	-1.8 -0.7 -0.1 - -0.9 -2.3	1.2 0.9 2.1 2.4 2.2 2.4	2. -0. -1. 1. 0. 1. -0.	
Aug Sep Oct Nov Dec 2019 Jan Feb	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8	-1.8 -0.7 -0.1 - - -0.9 -2.3 -2.9 -2.6	1.2 0.9 2.1 2.4 2.2 2.4 1.4 2.2	2. -0. -1. 1. 0. 1. -0. 0. 0.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6	-1.8 -0.7 -0.1 -0.9 -2.3 -2.9 -2.6 -1.4	1.2 0.9 2.1 2.2 2.4 1.4 2.1 1.4 2.1	2. -0. -1. 1. 0. -0. -0. -0. -0.	
Aug Sep Oct Dec 2019 Jan Feb Mar Apr	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.8 4.6 4.0	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4	1.2 0.9 2.1 2.4 2.4 1.4 2.1 1.3 -1.2	2. -0. -1. 1. 0. 1. -0. -0. -0. -3.	
Aug Sep Oct Dec 2019 Jan Feb Mar Apr May	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7	1.2 0.9 2.1 2.4 2.2 2.4 1.4 2.1 1.1 1.1 -1.2 -1.6	2. -0. -1. 1. 0. 1. -0. -0. -0. -3. 4.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.4 1.1 0.9 1.1 1.6	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1	-1.8 -0.7 -0.1 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9	1.2 0.9 2.1 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4	2. -0. -1. 1. 0. -0. -0. -0. -3. 4. 3.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.3 4.8 4.6 4.0 3.4 3.1 3.0	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2	1.2 0.9 2.1 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6	2. -0. -1. 1. 0. -0. -0. -0. -3. 4. 3. -0.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jul Aug	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4	1.2 0.9 2.1 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0 2.4	2. -0. -1. 1. 0. -0. -0. -0. -3. -3. -3. -4. 3. -0. -1.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.3 4.8 4.6 4.0 3.4 3.1 3.0	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2	1.2 0.9 2.1 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6	2. -0. -1. 1. 0. -0. -0. -0. -3. -3. -3. -4. 3. -0. -1.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jun Jul Aug	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4	1.2 0.9 2.1 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0 2.4	2. -0. -1. 1. 0. -0. -0. -3. 4. 3. -0. -1. 2.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1	-1.8 -0.7 -0.1 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4	1.2 0.9 2.1 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6 2.4	2. -0. -1. 1. 0. 1. -0. -0. -0. -3. 4. 3. -0. 1. 2. -3.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1 2.8	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.3	1.2 0.9 2.1 2.2 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6 2.4 -0.9 -2.4 1.3	2. -0. -1. 1. 0. -0. -0. -3. 4. 3. -0. -1. 2. -3. -3. -1.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.0 3.1 2.8 2.3	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.3 -0.1	1.2 0.9 2.1 2.4 1.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6 2.4 -0.9 -2.4 1.3 0.3	2. -0. -1. 1. 0. -0. -0. -0. -3. 4. 3. -0. 1. 2. -3. -3. 1. 1.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7 1.7	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1 2.8 2.3 1.6	-1.8 -0.7 -0.1 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.2 -0.4 -0.3 -0.1 0.1	$\begin{array}{c} 1.2\\ 0.9\\ 2.1\\ 2.4\\ 1.4\\ 2.2\\ 2.4\\ 1.4\\ 2.1\\ 1.3\\ -1.2\\ -1.6\\ 1.4\\ 0.6\\ 2.4\\ -0.9\\ -2.4\\ 1.3\\ 0.3\\ 2.6\end{array}$	2. -0. -1. 1. 0. -0. -0. -3. -3. -4. 3. -0. -1. -2. -3. 1. 7. 7.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7 1.7 1.5 1.1	$\begin{array}{c} 0.9\\ 1.3\\ 1.6\\ 2.2\\ 2.7\\ 3.4\\ 4.3\\ 4.8\\ 4.6\\ 4.0\\ 3.4\\ 3.1\\ 3.0\\ 3.1\\ 3.2\\ 3.1\\ 2.8\\ 2.3\\ 1.6\\ 1.0\\ \end{array}$	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.2 -0.4 -0.3 -0.1 0.1	$\begin{array}{c} 1.2\\ 0.9\\ 2.1\\ 2.4\\ 1.4\\ 2.2\\ 2.4\\ 1.4\\ 2.1\\ -1.6\\ 1.4\\ 0.6\\ 1.4\\ 0.6\\ 2.4\\ -0.9\\ -2.4\\ 1.3\\ 0.3\\ 2.6\\ 2.4\end{array}$	-1. 2. -0. -1. 1. 0. -1. 1. -0. 0. -0. -0. -0. -3. 4. 3. -0. 1. 2. -3. -3. 1. 1. -7. -4. -7. -7. -7. -7. -7. -7. -1. -1. -1. -1. -1. -1. -1. -1. -1. -1	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7 1.7 1.7 1.5 1.1 -15.9	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1 2.8 2.3 1.6 1.0 0.1	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.3 -0.1 0.1 0.1 -3.8	1.2 0.9 2.1 2.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6 2.4 -0.9 -2.4 1.3 0.3 2.6 2.4 -0.9	2. -0. -1. 1. 0. -0. -0. -0. -3. 4. 3. -0. -1. 2. -3. -1. 1. 7. -4. -2.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar Apr	$\begin{array}{c} 0.4\\ 0.5\\ 0.8\\ 1.9\\ 1.8\\ 1.6\\ 1.4\\ 1.4\\ 1.4\\ 1.4\\ 1.1\\ 0.9\\ 1.1\\ 1.6\\ 2.2\\ 2.4\\ 2.1\\ 1.7\\ 1.7\\ 1.7\\ 1.7\\ 1.7\\ 1.5\\ 1.1\\ -15.9\\ -39.4 \end{array}$	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1 2.8 2.3 1.6 1.0 0.1 -1.8	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.3 -0.1 0.1 0.1 -3.8 -18.7	1.2 0.9 2.1 2.4 2.2 2.4 1.4 2.2 2.4 1.4 2.1 -1.6 1.4 -1.2 -1.6 1.4 -0.9 -2.4 -0.9 -2.4 1.3 0.3 2.6 2.4 -1.9 -2.4 -1.3 0.3 2.6 2.4	2. -0. -1. 1. 0. -0. -0. -0. -0. -0. -0. -3. 4. 3. -0. 1. 1. 2. -3. 1. 1. 7. 4. -2. -47.	
Aug Sep Oct Nov Dec 2019 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2020 Jan Feb Mar	0.4 0.5 0.8 1.9 1.8 1.6 1.4 1.4 1.1 0.9 1.1 1.6 2.2 2.4 2.1 1.7 1.7 1.7 1.7 1.5 1.1 -15.9	0.9 1.3 1.6 2.2 2.7 3.4 4.3 4.8 4.6 4.0 3.4 3.1 3.0 3.1 3.2 3.1 2.8 2.3 1.6 1.0 0.1	-1.8 -0.7 -0.9 -2.3 -2.9 -2.6 -1.4 0.4 1.7 1.9 1.2 0.4 -0.2 -0.4 -0.3 -0.1 0.1 0.1 -3.8	1.2 0.9 2.1 2.4 2.2 2.4 1.4 2.1 1.3 -1.2 -1.6 1.4 0.6 2.4 -0.9 -2.4 1.3 0.3 2.6 2.4 -0.9	2. -0. -1. 1. 0. -0. -0. -0. -3. 4. 3. -0. -1. 2. -3. 1. 7.	

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)					
			Social work	Arts,	Croative arts	
	11	Desides (1.1	Social work		Creative arts	
	Human health	Residential care	activities without	entertainment	and entertainment	
	activities	activities	accommodation	and recreation	activities	
Component	86	87	88	R	90	
2016 weights	64	13	17	20	5	
orcontago chango lato	st month on previous mon	•b				
ercentage change, lates	S23J	S23K	S23L	S23M	S23N	
2018 Jun	-0.1	0.6	-	_	2.1	
Jul	-0.2	0.5	0.6	-1.2	2.6	
Aug	0.1	0.4	0.6	0.5	-1.3	
	0.3	0.4		0.9		
Sep			0.3		-3.0	
Oct	0.2		-	1.4	3.7	
Nov	0.2	0.2	-0.3	-0.7	-1.9	
Dec	0.2	0.5	-0.6	1.1	1.2	
2019 Jan	0.1	0.8	-0.3	-1.5	-2.0	
Feb	0.1	0.5	-	-0.1	1.2	
Mar	-0.1		0.4	-	0.4	
Apr	-0.1	-0.2	0.4	-1.7	-2.5	
	-					
May	0.2	-0.1	0.5	-0.3	3.8	
Jun	0.5	0.3	0.2	3.0	1.3	
Jul	0.3	0.5	-0.1	-2.0	-0.9	
Aug	0.3	0.4	-0.2	2.3	0.5	
Sep	0.1	0.2	-0.2	-2.2	-2.2	
Oct	-0.1	_	-0.3	-0.1	-2.1	
Nov	0.2	-0.1	-0.3	3.0	2.7	
		-0.1				
Dec	0.2	-	-0.3	0.2	1.9	
2020 Jan	-0.1	0.1	-0.1	0.7	3.4	
Feb	-0.3	-	-	-0.2	-1.5	
Mar	-16.8	-0.9	-3.5	-13.0	-6.0	
Apr	-28.0	-2.2	-15.1	-40.0	-48.1	
May	0.5	0.9	2.7	-9.5	-25.8	
Jun	1.5	0.8	5.9	26.7	11.5	
		-41				
ercentage change, lates	st 3 months on same 3 mo S2HN	ntns a year ago S2HO	S2HP	S2HQ	S2HR	
2018 Jun	0.4	-0.4	-3.0	1.6	-1.2	
Jul	0.4	0.2	-2.8	1.0	-0.7	
Aug	0.5	0.8	-1.9	1.7	0.1	
Sep	0.6	1.3	-0.8	1.4	0.1	
Oct	1.1	1.7	-0.2	1.8	-0.3	
Nov	1.5	2.2	-0.3	2.2		
Dec	1.8	2.8	-1.1	2.3	1.1	
2019 Jan	1.6	3.5	-2.0	2.0	0.6	
Feb	1.5	4.2	-2.6	2.0	0.5	
Mar	1.3	4.6	-2.3	1.6	-0.2	
Apr	1.1	4.5	-1.2	0.7	-1.2	
May	1.0	4.0	0.2	-0.5		
Jun	1.2	3.5	1.3	-0.4	1.2	
Jul	1.6	3.2	1.6	0.2	2.3	
Aug	2.1	3.1	1.2	1.5	1.	
Sep	2.1	3.1	0.5	0.7	1.	
	2.2		0.0	-0.3	0.2	
Oct		3.1	-			
Nov	1.8	3.0	-0.3	-0.6		
Dec	1.7	2.7	-0.3	-0.3	-0.7	
2020 Jan	1.6	2.2	-0.1	1.4	3.4	
Feb	1.4	1.6	-	1.8	4.6	
Mar	-4.4	0.9	-1.2	-2.0	3.3	
Apr	-4.4 -18.1	-0.2	-7.5	-2.0	-14.9	
May	-31.5	-0.8	-13.2	-35.6	-37.6	
Jun	-39.1	-1.0	-15.9	-45.1	-56.7	

1 Indices reflect values measured at basic prices, which exclude "taxes less

Indices retlect values measured at basic prices, which exclude "taxes less subsidies on products".
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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)							
			Social work	Arts,	Creative arts			
	Human health	Residential care	activities without	entertainment	and entertainmen			
-		accommodation	and recreation	activities				
Component	86	87	88	R	90			
2016 weights	64	13	17	20	5			
Percentage change, late	est 3 months on previous 3	3 months						
	S2CX	S2CY	S2CZ	S2D2	S2D3			
2018 Jun	0.3	1.1	-2.4	1.1	-0.4			
Jul	0.1	1.4	-1.7	0.4	-0.8			
Aug	-0.1	1.5	-0.4	-0.4	1.0			
Sep	-	1.3	0.8	-0.6	0.8			
Oct	0.2	1.0	1.2	0.8	0.3			
Nov	0.6	0.6	0.8	1.6	-1.3			
Dec	0.7	0.5	-	2.1	0.3			
2019 Jan	0.7	0.9	-0.7	0.8	-0.4			
Feb	0.5	1.4	-1.0	0.1	0.2			
Mar	0.3	1.6	-0.7	-1.0	-1.0			
Apr	0.1	1.2	-	-1.2	-0.4			
May	0.1	0.5	0.8	-1.8	0.1			
Jun	0.2	-	1.2	-0.9	1.1			
Jul	0.6	0.1	1.1	-0.2	2.8			
Aug	0.9	0.6	0.6	1.6	2.5			
Sep	0.9	1.0	-	0.6	8.0			
Oct	0.7	0.9	-0.4	0.3	-1.8			
Nov	0.3	0.5	-0.6	-0.5	-2.7			
Dec	0.2	0.1	-0.8	1.1	-1.0			
2020 Jan	0.2	-	-0.8	2.5	2.9			
Feb	0.1	-	-0.7	2.5	4.7			
Mar	-5.7	-0.2	-1.6	-2.7	2.5			
Apr	-19.3	-1.2	-7.4	-20.0	-18.0			
May	-32.5	-2.0	-12.5	-37.8	-40.3			
Jun	-36.1	-1.9	-13.9	-44.5	-57.6			

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subsidies on products". 2 Estimates cannot be regarded as accurate to the last digit shown.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Libraries,		Industry components (SIC2		
	museums and	Gambling	Sports activities		Activities o
	other cultural	and betting	and recreation	Other service	membershi
	activities	activities	activities	activities	organisations
Component	91	92	93	S	94
016 weights	2	5	8	21	9
o to weights	S2MI	S2MJ	S2MK	S2ML	S2MM
2015					
	97.6	107.8	100.1	106.5	101.
2016	100.0	100.0	100.0	100.0	100.
2017	101.5	99.3	102.4	101.1	97.
2018	104.4	104.8	101.9	101.6	101.
2019	102.8	102.2	104.4	101.6	111.4
2010 lun	105.0	104.0	102.1	102.0	101
2018 Jun	105.0	104.9	102.1	102.9	101.
Jul	105.4	104.0	97.9	102.5	103.
Aug	102.8	103.7	100.7	102.6	105.
Sep	103.3	104.2	104.6	101.0	105.
Oct	103.1	105.0	105.3	101.2	105.
Nov	107.3	105.3	103.7	100.3	104.
Dec	102.5	104.7	107.0	99.3	105.
2019 Jan	102.4	104.0	105.0	98.4	106.
Feb	110.0	103.0	103.3	99.6	107.
Mar	98.0	102.1	105.8	99.6	108.
Apr	98.6	101.2	103.6	99.3	109.
May	100.8	100.6	100.4	100.4	110.
•					
Jun	101.9	100.3	106.8	101.0	110.
Jul	102.7	100.5	102.1	102.4	110.
Aug	102.6	101.2	107.0	103.2	111.
Sep	101.6	102.3	102.4	103.8	114.
Oct	102.7	103.5	102.5	104.4	116.
Nov	104.2	104.2	107.4	104.0	116.
Dec	107.9	104.0	106.1	103.3	114.
2020 Jan	106.4	103.4	106.3	104.3	114.
Feb	105.2	103.0	107.3	104.0	113.4
Mar	83.5	99.6	84.3	86.4	107.
	53.8		44.7	50.2	
Apr		77.5			89.
May	52.5	83.2	37.3	52.1	88.
Jun	56.5	94.2	59.3	55.3	95.
Percentage change, latest y					
	S23O	S23P	S23Q	S23R	S238
2015	-12.4	2.6	-2.6	4.0	
2016	2.5	-7.2	-0.1	-6.1	-1.
2017	1.5	-0.7	2.4	1.1	-2.
2018	2.9	5.6	-0.5	0.4	4.4
2018	-1.5	-2.4	-0.5	0.4	4. 9.
2015	-1.5	-2.4	2.4	0.1	5.
ercentage change, latest r	nonth on same month a y S28E	rear ago S28F	S28G	S28H	S28
2018 Jun	4.6	8.4	2.5	1.8	2.
Jul	7.1	6.7	-3.8	1.8	4.
Aug	1.6	4.9	-0.6	-0.4	6.
Sep	2.6	5.1	2.6	-1.5	9.
Oct	1.0	2.9	3.1	-0.5	10.
Nov	8.6	4.2	0.8	-0.8	12.
Dec	-1.7	4.0	2.7	-1.2	11.
	-1.9	1.2	3.3		
2019 Jan				-3.1	11.
Feb	8.3	-1.7	4.3	-0.8	10.
Mar	-8.1	-3.8	7.5	-2.8	11.
Apr	-6.2	-4.8	3.5	-2.8	11.
May	-4.7	-5.0	-2.3	-1.8	11.
Jun	-2.9	-4.4	4.6	-1.9	9.
Jul	-2.6	-3.3	4.3	-0.1	6.
Aug	-0.2	-2.4	6.2	0.6	6.
Sep	-1.6	-1.7	-2.1	2.8	7.
Oct	-0.4	-1.4	-2.7	3.2	10.
Nov	-2.9	-1.1	3.6	3.7	11.
Dec	5.3	-0.6	-0.9	4.0	8.
2020 Jan	3.9	-0.5	1.2	6.0	7.
Feb	-4.4	-	3.9	4.4	5.
	-14.8	-2.4	-20.4	-13.2	-0.
Mar					
Mar Apr	-45.5		-56.8	-49.4	-18.
		-23.5 -17.3	-56.8 -62.8	-49.4 -48.1	-18. -19.

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IOS: Index of Services Chained volume indices of gross value added^{1,2,3} seasonally adjusted 2016 = 100

ents (SIC2007 Industry compone Libraries Gambling Sports activities Activities of museums and other cultural and betting and recreation Other service membership activities activities activities activities organisations Component 91 92 93 S 94 2016 weights 5 5 8 21 Percentage change, latest month on previous month S23P S23O S23Q S23R S23S 2018 Jun -0.9 -0.7 0.7 2.1 -0.7 0.5 -0.9 -4.1 -0.5 2.5 Jul -2.5 -0.3 2.9 0.2 1.7 Aug Sep 0.5 0.5 3.8 -1.6 0.2 Oct -0.2 0.8 0.7 0.2 -0.6 Nov 4.1 0.3 -1.5 -0.9 -0.4 -4.5 -0.9 -0.6 3.2 0.4 Dec 2019 Jan -0.1 -0.7 -1.8 -0.9 1.1 Feb 7.5 -0.9 -1.7 1.2 1.3 Mar -11.0 -0.9 2.5 1.1 Apr 0.7 -0.8 -2.1 -0.4 0.8 May 2.2 -0.6 -3.1 1.2 0.4 Jun 1.1 -0.2 6.3 0.6 0.1 Jul 0.8 0.2 -4.4 1.4 0.3 Aug -0.1 0.7 4.8 0.8 1.0 Sep -1.0 1.1 -4.4 0.6 1.9 Oct 1.1 11 0.1 0.6 18 04 Nov 15 06 48 -0.4 -1.2 -0.6 -1.7 Dec 3.5 -0.2 2020 Jan 0.2 -0.3 -1.4 -0.6 1.0 Feb -1.1 -0.4 0.9 -0.3 -0.6 Mar -20.6 -3.3 -21.5 -16.9 -4.9 Apr -35.6 -22.3 -46.9 -41.9 -17.3 -16.5 Mav -2.3 7.4 3.8 -0.8 7.6 13.2 58.9 6.1 7.9 Jun Percentage change, latest 3 months on same 3 months a year ago S2HS S2HT S2HU S2HV S2HW 2018 Jun 39 98 -17 07 10 -0.9 1.2 2.6 Jul 5.9 8.5 4.7 Aug 4.4 6.7 -0.7 1.1 Sep 3.8 5.6 -0.6 6.8 Oct 1.7 4.3 1.7 -0.8 8.9 Nov 4.0 4.1 2.2 -1.0 10.6 Dec 2.5 3.7 2.2 -0.8 11.6 2019 Jan 2.3 -1.7 11.7 1.5 3.1 3.5 Feb 1.5 1.1 -1.7 11.3 Mar -0.7 -1.5 5.0 -2.3 11.1 -2.2 -2.5 Apr -2.1 -3.5 5.1 11.3 Mav -6.3 -4.5 2.8 11.4 -4.7 -4.6 1.9 -2.2 10.6 Jun -3.4 -4.2 -1.3 Jul 2.2 8.9 -1.9 -3.4 5.1 -0.5 7.2 Aug Sep -1.5 -2.5 2.7 1.1 6.8 Oct -0.7 -1.8 04 2.2 8.0 3.2 Nov -1.7 -1.4 -0.4 9.8 -1.0 3.6 0.6 10.2 Dec 2020 Jan -0.8 1.3 4.6 9.2 2.0 Feb 1.5 -0.4 1.4 4.8 7.2 Mar -4.9 -1.0 -5.2 -1.0 3.9 Apr -20.9 -8.6 -24.4 -19.4 -4.8 May -36.2 -14.3 -46.3 -36.9 -13.1 -47.6 -46.0 -15.6 -54.5 -17.3 Jun

1 Indices reflect values measured at basic prices, which exclude "taxes less

subsidies on products"

2 Estimates cannot be regarded as accurate to the last digit shown. 3 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

		Industry components (SIC2007)							
	Libraries,								
	museums and	Gambling	Sports activities		Activities of				
	other cultural	and betting	and recreation	Other service	membership				
	activities	activities	activities	activities	organisations				
Component	91	92	93	S	94				
2016 weights	2	5	8	21	5				
Percentage change, late	est 3 months on previous 3 m	nonths							
	S2D4	S2D5	S2D6	S2D7	S2D8				
2018 Jun	1.0	1.1	1.9	0.9	2.8				
Jul	0.9	-0.8	1.8	0.8	3.8				
Aug	-1.3	-1.8	-0.2	0.4	5.2				
Sep	-1.3	-1.7	-0.6	-0.4	5.5				
Oct	-2.2	-0.6	2.6	-0.9	4.0				
Nov	0.1	0.6	4.3	-1.8	1.6				
Dec	0.4	1.0	4.2	-1.7	-0.1				
2019 Jan	0.9	0.4	1.7	-2.2	-0.1				
Feb	0.4	-0.9	0.6	-1.7	1.1				
Mar	-0.8	-1.9	-0.6	-1.0	2.5				
Apr	-1.8	-2.4	-1.0	0.2	3.3				
May	-5.6	-2.5	-1.7	0.7	3.1				
Jun	-2.9	-2.3	-1.1	1.0	2.3				
Jul	-0.4	-1.6	-1.1	1.8	1.5				
Aug	3.3	-0.6	2.0	2.4	1.2				
Sep	1.9	0.7	0.2	2.9	1.9				
Oct	0.5	1.9	0.8	2.5	3.2				
Nov	0.4	2.6	-1.2	1.8	4.1				
Dec	2.6	2.5	1.4	0.8	3.1				
2020 Jan	3.8	1.5	2.5	0.1	0.9				
Feb	3.6	0.1	2.4	-0.2	-1.3				
Mar	-6.3	-1.8	-5.7	-5.4	-3.4				
Apr	-23.9	-10.1	-26.1	-22.8	-10.0				
May	-40.6	-16.1	-48.0	-39.4	-16.5				
Jun	-44.8	-16.7	-52.5	-46.5	-18.5				

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subsidies on products". 2 Estimates cannot be regarded as accurate to the last digit shown.

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Repair of	1	ndustry components (SIC2		
	computers	Other personal	Activities of	Activities of	
	and household	service	households	households	
	goods	activities	as employers	as employers	
Component	95	96	T	97	
016 weights	2	13	4	4	
le le heighte	S2MN	S2MO	S2MP	S2MQ	
2015	104.7	109.2	84.0	84.0	
2016	100.0	100.0	100.0	100.0	
2017	114.0	100.6	101.6	101.6	
2018	117.1	99.2	105.4	105.4	
2019	117.1	95.4	97.8	97.8	
2018 Jun	119.8	101.0	105.3	105.3	
Jul	114.5	100.1	106.5	106.5	
Aug	117.1	99.3	107.7	107.7	
		96.7	107.6	107.6	
Sep	116.7				
Oct	117.2	97.3	107.6	107.6	
Nov	119.6	95.6	106.5	106.5	
Dec	121.1	93.7	105.8	105.8	
2019 Jan	118.6	92.3	103.8	103.8	
Feb	117.4	93.8	102.5	102.5	
		93.9	99.7	99.7	
Mar	113.1				
Apr	114.3	92.9	98.1	98.1	
May	113.8	94.5	95.4	95.4	
Jun	111.7	95.7	94.2	94.2	
Jul	119.5	96.5	96.6	96.6	
Aug	116.9	97.7	96.5	96.5	
Sep	118.5	97.5	96.0	96.0	
•					
Oct	125.4	96.7	96.3	96.3	
Nov	119.2	96.7	96.5	96.5	
Dec	116.3	97.0	97.8	97.8	
2020 Jan	119.9	98.1	97.9	97.9	
Feb	116.1	98.5	97.1	97.1	
Mar	111.5	74.2	92.5	92.5	
Apr	95.6	28.0	50.4	50.4	
May	95.5	31.3	51.7	51.7	
Jun	102.6	32.4	60.0	60.0	
Percentage change, latest	year on previous year				
	S23T	S23U	S23V	S23W	
2015	11.2	4.8	0.3	0.3	
2016	-4.5	-8.5	19.0	19.0	
	14.0	0.6			
2017			1.6	1.6	
2018	2.7	-1.5	3.7	3.7	
2019	-	-3.8	-7.2	-7.2	
Percentage change, latest	month on same month a	year ago			
	S28J	S28K	S28L	S28M	
2018 Jun	5.4	0.9	1.0	1.0	
Jul	-1.2	1.2	0.8	0.8	
Aug	-0.7	-3.1	3.4	3.4	
	-0.7 -1.4	-5.4	2.8	2.8	
Sep					
Oct	-1.0	-4.6	6.6	6.6	
Nov	5.1	-6.4	5.7	5.7	
Dec	3.4	-6.8	4.3	4.3	
2019 Jan	3.8	-9.5	1.7	1.7	
Feb	2.9	-5.9	0.3	0.3	
Mar	-3.3	-8.0	-4.6	-4.6	
Apr	-2.2	-8.4	-6.5	-6.5	
May	-3.0	-6.5	-8.6	-8.6	
Jun	-6.7	-5.3	-10.6	-10.6	
Jul	4.4	-3.6	-9.2	-9.2	
Aug	-0.2	-1.5	-10.4	-10.4	
Sep	1.6	0.8	-10.8	-10.8	
Oct	7.0	-0.6	-10.5	-10.5	
Nov	-0.3	1.2	-9.3	-9.3	
Dec	-3.9	3.5	-7.5	-7.5	
2020 Jan	1.1	6.3	-5.7	-5.7	
Feb	-1.1	5.0	-5.2	-5.2	
Mar	-1.3	-21.0	-7.2	-7.2	
Apr	-16.3	-69.8	-48.6	-48.6	
•	-16.1	-66.9	-45.8	-48.0	
	-161	-66 U	-45 X	-//5 8	
May Jun	-8.2	-66.2	-36.3	-36.3	

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IOS: Index of Services Chained volume indices of gross value $added^{1,2,3}$

seasonally adjusted 2016 = 100

continued	Industry components (SIC2007)					
	Repair of			51)		
	computers	Other personal	Activities of	Activities of		
	and household	service	households	households		
	goods	activities	as employers	as employers		
Component	95	96	Т	97		
2016 weights	2	13	4	4		
Percentage change, lates	t month on previous mont	h				
	S23T	S23U	S23V	S23W		
2018 Jun	2.1	-0.1	1.0	1.0		
Jul	-4.4	-0.9	1.1	1.1		
Aug	2.3	-0.8	1.2	1.2		
Sep	-0.4	-2.6	-0.1	-0.1		
Oct	0.4	0.5	-0.1	-0.1		
Nov	2.1	-1.7	-1.0	-1.0		
Dec	1.3	-2.0	-0.7	-0.7		
2019 Jan	-2.1	-1.6	-1.9	-1.9		
Feb	-1.0	1.6	-1.3	-1.3		
Mar	-3.7	0.2	-2.7	-2.7		
Apr	1.1	-1.2	-1.6	-1.6		
May	-0.4	1.8	-2.7	-2.7		
Jun	-1.8	1.2	-1.2	-1.2		
Jul	7.0	0.9	2.6	2.6		
Aug	-2.2	1.3	-0.1	-0.1		
Sep	1.4	-0.2	-0.6	-0.6		
Oct	5.8	-0.9	0.3	0.3		
Nov	-4.9	0.1	0.3	0.3		
Dec	-2.4	0.2	1.4	1.4		
2020 Jan	3.1	1.2	0.1	0.1		
Feb	-3.2	0.4	-0.8	-0.8		
Mar	-4.0	-24.6	-4.8	-4.8		
Apr	-14.3	-62.2	-45.5	-45.5		
May	-0.1	11.6	2.4	2.4		
Jun	7.5	3.5	16.2	16.2		
Juli	7.5	3.5	10.2	10.2		
Percentage change, lates	t 3 months on same 3 mon					
	S2HX	S2HY	S2HZ	S2I2		
2018 Jun	4.6	-0.1	2.1	2.1		
Jul	2.0	0.5	1.2	1.2		
Aug	1.1	-0.4	1.7	1.7		
Sep	-1.1	-2.5	2.3	2.3		
Oct	-1.0	-4.4	4.2	4.2		
Nov	0.9	-5.5	5.0	5.0		
Dec	2.5	-5.9	5.5	5.5		
2019 Jan	4.1	-7.6	3.9	3.9		
Feb	3.4		2.1			
		-7.4		2.1		
Mar	1.1	-7.8	-0.9	-0.9		
Apr	-0.9	-7.5	-3.6	-3.6		
May	-2.8	-7.6	-6.5	-6.5		
Jun	-4.0	-6.7	-8.5	-8.5		
Jul	-1.8	-5.1	-9.5	-9.5		
Aug	-0.9	-3.5	-10.1	-10.1		
Sep	1.9	-1.5	-10.1	-10.1		
Oct	2.8	-0.4	-10.6	-10.6		
Nov	2.0	0.5	-10.2	-10.2		
	0.9		-10.2			
Dec		1.3		-9.1		
2020 Jan	-1.1	3.6	-7.5	-7.5		
Feb	-1.3	4.9	-6.1	-6.1		
Mar	-0.4	-3.3	-6.0	-6.0		
Apr	-6.2	-28.5	-20.0	-20.0		
May	-11.3	-52.5	-33.6	-33.6		
lum.	-13.6	-67.6	10.6	10.0		
Jun	-13.0	-07.0	-43.6	-43.6		

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IOS: Index of Services Chained volume indices of gross value added $^{\rm 1,2,3}$

seasonally adjusted 2016 = 100

	Industry components (SIC2007)				
	Repair of				
	computers	Other personal	Activities of	Activities of	
	and household	service	households	households	
	goods	activities	as employers	as employers	
Component	95	96	Т	97	
2016 weights	2	13	4	4	
Percentage change, late	est 3 months on previous 3	months			
	S2D9	S2DA	S2DB	S2DC	
2018 Jun	2.5	-0.1	1.9	1.9	
Jul	1.1	-0.3	1.5	1.5	
Aug	0.1	-1.4	1.9	1.9	
Sep	-1.6	-2.4	2.3	2.3	
Oct	-0.2	-3.0	2.1	2.1	
Nov	0.6	-3.6	0.7	0.7	
Dec	2.8	-3.2	-0.6	-0.6	
2019 Jan	2.4	-4.0	-2.1	-2.1	
Feb	1.0	-3.4	-3.0	-3.0	
Mar	-2.5	-2.3	-4.3	-4.3	
Apr	-4.0	-0.4	-5.0	-5.0	
May	-4.5	0.6	-6.0	-6.0	
Jun	-2.6	1.1	-6.0	-6.0	
Jul	0.1	2.2	-4.7	-4.7	
Aug	2.1	3.0	-2.0	-2.0	
Sep	4.5	3.1	0.5	0.5	
Oct	4.5	1.8	0.9	0.9	
Nov	4.3	0.4	0.5	0.5	
Dec	1.7	-0.5	0.5	0.5	
2020 Jan	-1.5	-	1.2	1.2	
Feb	-3.0	0.9	1.4	1.4	
Mar	-3.7	-6.8	-1.1	-1.1	
Apr	-9.1	-31.2	-17.9	-17.9	
May	-14.1	-54.5	-33.6	-33.6	
Jun	-15.5	-66.1	-43.6	-43.6	

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