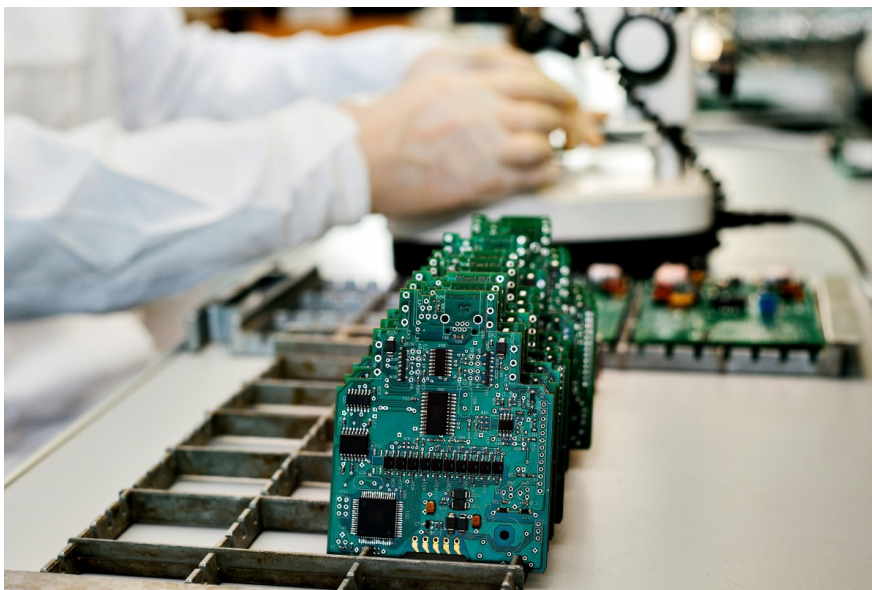


North Asian production struggling

Disappointing year-on-year growth doesn't tell the whole story, but Japan and Korean production figures for October hint at a slow grind going into 2022 rather than strong growth



4.5, -4.7

Korean, Japanese Production

YoY%

Worse than expected

Difficult to be precise, but big picture is one of moribund growth

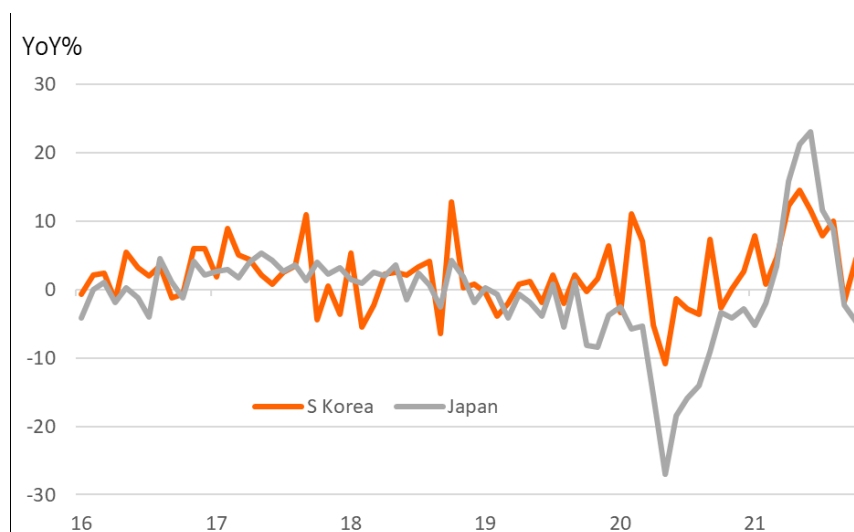
With the legacy of the 2020 pandemic impact still echoing through seasonal adjustments to economic data, we have to be a little more cagey than usual before drawing any firm conclusions from any data releases. But the overall impression from today's October production releases from both S Korea and Japan is to confirm that production is grinding forward at best, or possibly even stagnating.

The Korean numbers show October production up 4.5%YoY, which doesn't sound too bad. But it is hard to say that this is not just noise kicked up by messy historical data in 2020. Certainly, the

monthly seasonally adjusted data, to the extent that we can rely on them, are not very positive. Seasonally adjusted production in Korea has declined in each of the last three months, and in seven out of the ten months this year. In any case, low single-digit growth appears to be giving a more accurate picture of the situation than the base-distorted double-digit gains seen earlier in the year.

For Japan, it looks if anything a little worse. Year-on-year growth registered a 4.7% decline in October. Though the overall pattern of growth of both economies is strikingly similar - not surprising as their economic composition is also quite similar, with strong contributions from autos, electronics, metals and chemicals.

Industrial production - Korea and Japan (YoY%)



Source: CEIC, ING

It's not all terrible though

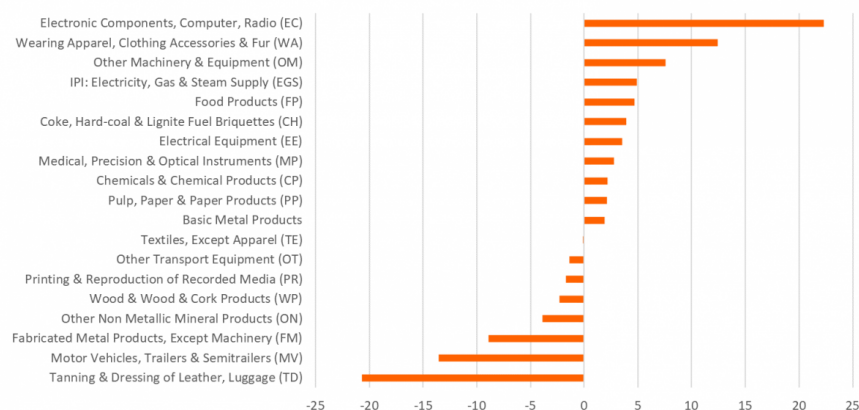
The detail of the reports shows that there is a widely differing performance by different components of production. We show the Korean breakdown here, though there are overlaps with the Japanese situation.

As has been the case for some time, and indeed, as is usually the case in Korea, the electronics sector is growing strongly, with some growth also evident in other machinery and equipment as well as apparel. At the other end of the spectrum is motor vehicles as well as items relating to international travel, such as leather and luggage.

The picture for Japan is much the same, with production growth of electronic parts towards the top of the growth league, and transport equipment right at the bottom.

The fact that the motor industry globally has been criticising a lack of semiconductors for its production growth is somewhat at odds with these figures, as the production of electronics seems to be proceeding at a decent pace. Either there is so much demand from other sectors for semiconductors that auto manufacturers are not getting what they need, or the output is being swallowed up in exports to other countries - China perhaps? Wherever the bottleneck is, it does not appear to be in semiconductor production.

Korean production by component



Source: CEIC, ING

Author

Olivia Grace

Editor

olivia.grace@ing.com

Julian Geib

Junior Economist, Global Trade

julian.geib@ing.de

Zoltán Homolya

Economic research trainee

zoltan.homolya@ing.com

Amrita Naik Nimbalkar

Junior Economist, Global Macro

amrita.naik.nimbalkar@ing.com

Mateusz Sutowicz

Senior Economist, Poland

mateusz.sutowicz@ing.pl

Alissa Lefebvre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@ing.com

Michiel Tukker

Senior UK & Eurozone Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Senior Economist, Healthcare & Technology

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Deputy Global Head of Editorial and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporate Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK
james.smith@ing.com

Suvi Platerink Kosonen
Senior Sector Strategist, Financials
suvi.platerink-kosonen@ing.com

Thijs Geijer
Senior Sector Economist, Food & Agri
thijs.geijer@ing.com

Maurice van Sante
Senior Economist Construction & Team Lead Sectors
maurice.van.sante@ing.com

Marcel Klok
Senior Economist, Netherlands
marcel.klok@ing.com

Paolo Pizzoli
Senior Economist, Italy, Greece
paolo.pizzoli@ing.com

Marieke Blom
Chief Economist and Global Head of Research
marieke.blom@ing.com

Raoul Leering
Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@ing.com

Rafal Benecki
Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent

Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz

Senior Economist, Hungary
peter.virovacz@ing.com

Inga Fechner

Senior Economist, Global Trade
inga.fechner@ing.de

Dimitry Fleming

Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu

Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan

Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang

Chief Economist, Greater China
iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research
+44 20 7767 6209
Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas
padhraic.garvey@ing.com

James Knightley

Chief International Economist, US
james.knightley@ing.com

Tim Condon

Asia Chief Economist
+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist
+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com